Appendix 1

Week 2 vs 1 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 2 vs. Week 1)	Fold-Change(Week 2 vs. Week 1)	Fold-Change(Week 2 vs. Week 1) (Description)
10350530	NM_001159730 // Pdc // phosducin // 1 G1|1 80.0 cM // 20028 /// NM_024458 // Pdc	Pdc	5.58103E-09	-33.6557	Week 2 down vs Week 1
10355259	NM_021285 // Myl1 // myosin, light polypeptide 1 // 1 C3|1 34.1 cM // 17901 ///	Myl1	1.0884E-11	-31.9126	Week 2 down vs Week 1
10567879	NM_007504 // Atp2a1 // ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	Atp2a1	1.828E-12	-30.0917	Week 2 down vs Week 1
10454192	NM_013697 // Ttr // transthyretin // 18 A2|18 7.0 cM // 22139 /// ENSMUST0000007	Ttr	3.21638E-09	-29.1726	Week 2 down vs Week 1
10377087	NM_030679 // Myh1 // myosin, heavy polypeptide 1, skeletal muscle, adult // 11 B	Myh1	1.8588E-11	-28.4604	Week 2 down vs Week 1
10484276	NM_010894 // Neurod1 // neurogenic differentiation 1 // 2 C3|2 46.0 cM // 18012	Neurod1	1.67744E-09	-26.4942	Week 2 down vs Week 1
10352928	NM_011283 // Rp1 // retinitis pigmentosa 1 (human) // 1 A1|1 6.5 cM // 19888 ///	Rp1	9.12606E-09	-25.4542	Week 2 down vs Week 1
10360235	NM_009813 // Casq1 // calsequestrin 1 // 1 H3|1 94.0 cM // 12372 /// ENSMUST0000	Casq1	2.77676E-10	-25.135	Week 2 down vs Week 1
10497135	NM_029987 // Rpe65 // retinal pigment epithelium 65 // 3 H4|3 87.6 cM // 19892 /	Rpe65	1.50439E-07	-24.3417	Week 2 down vs Week 1
10483871	NM_011652 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// NM_028004 // Ttn // titi	Ttn	2.7048E-11	-21.0554	Week 2 down vs Week 1
10419005	NM_021340 // Rgr // retinal G protein coupled receptor // 14 B // 57811 /// ENSM	Rgr	1.98644E-08	-20.4681	Week 2 down vs Week 1
10564726	NM_020599 // Rlbp1 // retinaldehyde binding protein 1 // 7 D3|7 39.0 cM // 19771	Rlbp1	3.01068E-10	-20.1595	Week 2 down vs Week 1
10540984	NM_145383 // Rho // rhodopsin // 6 E3 // 212541 /// ENSMUST00000032471 // Rho //	Rho	4.45315E-07	-20.0287	Week 2 down vs Week 1
10362422	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	4.43963E-09	-19.125	Week 2 down vs Week 1
10484190	ENSMUST00000099981 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// ENSMUST00000070	Ttn	9.76215E-08	-19.0535	Week 2 down vs Week 1
10430297	NM_013645 // Pvalb // parvalbumin // 15 E|15 45.7 cM // 19293 /// ENSMUST0000012	Pvalb	1.43823E-08	-18.9189	Week 2 down vs Week 1
10489545	NM_009394 // Tnnc2 // troponin C2, fast // 2 H3 // 21925 /// ENSMUST00000103095	Tnnc2	4.2048E-11	-18.6844	Week 2 down vs Week 1
10362436	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.69897E-08	-18.4931	Week 2 down vs Week 1
10338355	---		6.98775E-10	-18.4347	Week 2 down vs Week 1
10582592	NM_009606 // Acta1 // actin, alpha 1, skeletal muscle // 8 E2|8 67.0 cM // 11459	Acta1	4.152E-12	-18.3646	Week 2 down vs Week 1
10419356	NM_144841 // Otx2 // orthodenticle homolog 2 (Drosophila) // 14 C1|14 19.0 cM //	Otx2	5.08E-13	-17.6506	Week 2 down vs Week 1
10348301	NM_009118 // Sag // retinal S-antigen // 1 D|1 53.6 cM // 20215 /// ENSMUST00000	Sag	4.91301E-08	-16.8295	Week 2 down vs Week 1
10362428	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	9.64253E-09	-16.7357	Week 2 down vs Week 1
10603059	NM_020626 // Tmem27 // transmembrane protein 27 // X F5 // 57394 /// ENSMUST0000	Tmem27	1.5481E-10	-16.0946	Week 2 down vs Week 1
10377055	NM_001039545 // Myh2 // myosin, heavy polypeptide 2, skeletal muscle, adult // 1	Myh2	4.06201E-09	-16.0494	Week 2 down vs Week 1
10523979	NM_008806 // Pde6b // phosphodiesterase 6B, cGMP, rod receptor, beta polypeptide	Pde6b	1.39893E-07	-16.0331	Week 2 down vs Week 1
10377018	NM_001099635 // Myh3 // myosin, heavy polypeptide 3, skeletal muscle, embryonic	Myh3	0.000091201	-14.9778	Week 2 down vs Week 1
10565422	NM_011661 // Tyr // tyrosinase // 7 D3-E1|7 44.0 cM // 22173 /// ENSMUST00000004	Tyr	2.8007E-09	-14.229	Week 2 down vs Week 1
10436128	XM_001002743 // Myh15 // myosin, heavy chain 15 // 16 B5 // 667772	Myh15	0.000552924	-14.1485	Week 2 down vs Week 1
10550698	NM_007710 // Ckm // creatine kinase, muscle // 7 A3|7 4.5 cM // 12715 /// ENSMUS	Ckm	9.45654E-09	-13.869	Week 2 down vs Week 1
10373588	NM_134006 // Rdh5 // retinol dehydrogenase 5 // 10 D3|10 72.0 cM // 19682 /// EN	Rdh5	7.59579E-10	-13.4282	Week 2 down vs Week 1
10371627	NM_175418 // Mybpc1 // myosin binding protein C, slow-type // 10 C1 // 109272 //	Mybpc1	1.57885E-08	-13.2705	Week 2 down vs Week 1
10362434	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	5.54529E-09	-13.0622	Week 2 down vs Week 1
10377117	NM_010855 // Myh4 // myosin, heavy polypeptide 4, skeletal muscle // 11 B3|11 35	Myh4	1.40937E-06	-12.6636	Week 2 down vs Week 1
10505614	NM_031202 // Tyrp1 // tyrosinase-related protein 1 // 4 C3|4 38.0 cM // 22178 //	Tyrp1	3.84736E-08	-12.4824	Week 2 down vs Week 1
10414034	NM_015745 // Rbp3 // retinol binding protein 3, interstitial // 14 B|14 13.0 cM	Rbp3	4.61242E-07	-12.4817	Week 2 down vs Week 1
10367379	NM_021882 // Si // silver // 10 D3|10 70.0 cM // 20431 /// ENSMUST00000054125 //	Si	2.3462E-08	-12.1734	Week 2 down vs Week 1
10569008	NM_007751 // Cox8b // cytochrome c oxidase, subunit VIIIb // 7 F5|7 68.8 cM // 1	Cox8b	2.45653E-10	-11.8873	Week 2 down vs Week 1
10495712	NM_007378 // Abca4 // ATP-binding cassette, sub-family A (ABC1), member 4 // 3 G	Abca4	4.27948E-10	-11.8636	Week 2 down vs Week 1
10362440	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	4.02993E-07	-11.59	Week 2 down vs Week 1
10500283	NM_011797 // Car14 // carbonic anhydrase 14 // 3 F2.1 // 23831 /// NM_146104 //	Car14	8.67E-13	-11.5037	Week 2 down vs Week 1
10445633	NM_008938 // Prph2 // peripherin 2 // 17 C|17 18.84 cM // 19133 /// ENSMUST00000	Prph2	1.98621E-07	-11.4913	Week 2 down vs Week 1
10476512	NM_011428 // Snap25 // synaptosomal-associated protein 25 // 2 F3|2 78.2 cM // 2	Snap25	7.90636E-08	-11.391	Week 2 down vs Week 1
10564646	NM_001109753 // Sv2b // synaptic vesicle glycoprotein 2 b // 7 D1 // 64176 /// N	Sv2b	7.0298E-11	-11.2923	Week 2 down vs Week 1
10530503	NM_007723 // Cnga1 // cyclic nucleotide gated channel alpha 1 // 5 C3.2|5 41.0 c	Cnga1	4.04038E-07	-11.248	Week 2 down vs Week 1
10355202	NM_007774 // Cryga // crystallin, gamma A // 1 C2|1 32.0 cM // 12964 /// ENSMUST	Cryga	0.000051677	-11.2465	Week 2 down vs Week 1
10436282	NM_174876 // Impg2 // interphotoreceptor matrix proteoglycan 2 // 16 C1.1 // 224	Impg2	6.42348E-08	-11.245	Week 2 down vs Week 1
10384015	NM_018870 // Pgam2 // phosphoglycerate mutase 2 // 11 A1 // 56012 /// ENSMUST000	Pgam2	1.44925E-09	-11.1696	Week 2 down vs Week 1
10596737	NM_008140 // Gnat1 // guanine nucleotide binding protein, alpha transducing 1 //	Gnat1	2.36349E-05	-11.1032	Week 2 down vs Week 1
10482528	NM_010889 // Neb // nebulin // 2 C1.1|2 30.0 cM // 17996 /// ENSMUST00000075301	Neb	1.28895E-08	-10.6687	Week 2 down vs Week 1
10362442	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	4.07097E-07	-10.5765	Week 2 down vs Week 1
10377235	NM_009038 // Rcvrn // recoverin // 11 B3|11 35.0 cM // 19674 /// ENSMUST00000021	Rcvrn	2.93068E-07	-10.3931	Week 2 down vs Week 1
10355191	NM_007776 // Crygd // crystallin, gamma D // 1 C2|1 32.0 cM // 12967 /// ENSMUST	Crygd	0.00159655	-10.2841	Week 2 down vs Week 1
10417933	NM_021508 // Myoz1 // myozenin 1 // 14 A3 // 59011 /// ENSMUST00000090469 // Myo	Myoz1	3.09199E-08	-10.2457	Week 2 down vs Week 1
10540991	AK164314 // Rho // rhodopsin // 6 E3 // 212541	Rho	1.63749E-07	-10.2069	Week 2 down vs Week 1
10362424	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	6.78756E-07	-10.0647	Week 2 down vs Week 1
10342609	---		1.18635E-06	-9.94747	Week 2 down vs Week 1
10557575	NM_016754 // Mylpf // myosin light chain, phosphorylatable, fast skeletal muscle	Mylpf	2.3912E-08	-9.91479	Week 2 down vs Week 1
10419854	NM_016972 // Slc7a8 // solute carrier family 7 (cationic amino acid transporter,	Slc7a8	3.081E-12	-9.86584	Week 2 down vs Week 1
10472562	NM_001081087 // Kbtbd10 // kelch repeat and BTB (POZ) domain containing 10 // 2	Kbtbd10	1.34896E-08	-9.84356	Week 2 down vs Week 1
10560168	NM_007770 // Crx // cone-rod homeobox containing gene // 7 A2|7 8.5 cM // 12951	Crx	9.95403E-08	-9.75054	Week 2 down vs Week 1
10536209	NM_010314 // Gngt1 // guanine nucleotide binding protein (G protein), gamma tran	Gngt1	8.00567E-08	-9.73956	Week 2 down vs Week 1
10518751	NM_009802 // Car6 // carbonic anhydrase 6 // 4 E2 // 12353 /// ENSMUST0000003081	Car6	1.62104E-08	-9.7197	Week 2 down vs Week 1

10480734	NM_008963 // Ptgds // prostaglandin D2 synthase (brain) // 2 A3|2 12.9 cM // 192	Ptgds	1.62419E-09	-9.66401	Week 2 down vs Week 1
10475567	NM_175034 // Slc24a5 // solute carrier family 24, member 5 // 2 F1 // 317750 ///	Slc24a5	2.78523E-08	-9.65083	Week 2 down vs Week 1
10422249	NM_010024 // Dct // dopachrome tautomerase // 14 E4|14 58.0 cM // 13190 /// ENSM	Dct	2.96246E-08	-9.62642	Week 2 down vs Week 1
10341571	---		7.4684E-10	-9.58566	Week 2 down vs Week 1
10355188	NM_007777 // Cryge // crystallin, gamma E // 1 C2|1 32.0 cM // 12968 /// NM_0270	Cryge	0.000102462	-9.58533	Week 2 down vs Week 1
10366163	NM_175328 // Slc6a15 // solute carrier family 6 (neurotransmitter transporter),	Slc6a15	1.46664E-09	-9.55468	Week 2 down vs Week 1
10407337	NM_010408 // Hcn1 // hyperpolarization-activated, cyclic nucleotide-gated K+ 1 /	Hcn1	3.00921E-08	-9.51924	Week 2 down vs Week 1
10359689	NM_009721 // Atp1b1 // ATPase, Na+/K+ transporting, beta 1 polypeptide // 1 H2.2	Atp1b1	0	-9.5176	Week 2 down vs Week 1
10596718	NM_023805 // Slc38a3 // solute carrier family 38, member 3 // 9 F1|9 63.0 cM //	Slc38a3	2.8E-14	-9.44199	Week 2 down vs Week 1
10356403	NM_001110227 // Kcnj13 // potassium inwardly-rectifying channel, subfamily J, me	Kcnj13	8.4246E-08	-9.38656	Week 2 down vs Week 1
10571815	NM_153581 // Gpm6a // glycoprotein m6a // 8 B3.2 // 234267 /// ENSMUST0000003391	Gpm6a	2.35813E-10	-9.38304	Week 2 down vs Week 1
10403229	NM_177290 // Itgb8 // integrin beta 8 // 12 F2 // 320910 /// ENSMUST00000026360	Itgb8	6.21944E-09	-9.37581	Week 2 down vs Week 1
10559221	NM_011620 // Tnnt3 // troponin T3, skeletal, fast // 7 F5|7 69.0 cM // 21957 ///	Tnnt3	5.58757E-10	-9.35384	Week 2 down vs Week 1
10501802	NM_178936 // Tmem56 // transmembrane protein 56 // 3 G3 // 99887 /// ENSMUST0000	Tmem56	3.34724E-10	-9.06479	Week 2 down vs Week 1
10407742	NM_033268 // Actn2 // actinin alpha 2 // 13 A1|13 7.0 cM // 11472 /// ENSMUST000	Actn2	2.30426E-08	-8.9582	Week 2 down vs Week 1
10490923	NM_009801 // Car2 // carbonic anhydrase 2 // 3 A1|3 10.5 cM // 12349 /// ENSMUST	Car2	6.17048E-08	-8.78099	Week 2 down vs Week 1
10414663	NM_023879 // Rpgrip1 // retinitis pigmentosa GTPase regulator interacting protei	Rpgrip1	4.09066E-08	-8.74513	Week 2 down vs Week 1
10362420	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	4.13757E-08	-8.72834	Week 2 down vs Week 1
10428619	NM_015744 // Enpp2 // ectonucleotide pyrophosphatase/phosphodiesterase 2 // 15 D	Enpp2	4.91277E-09	-8.6348	Week 2 down vs Week 1
10393793	NM_012065 // Pde6g // phosphodiesterase 6G, cGMP-specific, rod, gamma // 11 E2|1	Pde6g	1.50733E-07	-8.48007	Week 2 down vs Week 1
10397257	NM_007701 // Vsx2 // visual system homeobox 2 // 12 D1|12 38.0 cM // 12677 /// E	Vsx2	4.48079E-09	-8.44435	Week 2 down vs Week 1
10490913	NM_007606 // Car3 // carbonic anhydrase 3 // 3 A2|3 11.7 cM // 12350 /// ENSMUST	Car3	7.51527E-09	-8.43738	Week 2 down vs Week 1
10538187	NM_053110 // Gpnmb // glycoprotein (transmembrane) nmb // 6 B2.3|6 21.0 cM // 93	Gpnmb	2.16447E-08	-8.37829	Week 2 down vs Week 1
10342039	---		6.45431E-10	-8.37356	Week 2 down vs Week 1
10455461	NM_001033621 // Myot // myotilin // 18 B3 // 58916 /// ENSMUST00000025349 // Myo	Myot	1.4257E-07	-8.30562	Week 2 down vs Week 1
10596148	NM_133977 // Trf // transferrin // 9 F1-F3|9 56.0 cM // 22041 /// ENSMUST0000003	Trf	2.93887E-07	-8.27273	Week 2 down vs Week 1
10379176	NM_011676 // Unc119 // unc-119 homolog (C. elegans) // 11 B5|11 44.99 cM // 2224	Unc119	4.13222E-08	-8.23651	Week 2 down vs Week 1
10495035	NM_009196 // Slc16a1 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a1	4.0646E-11	-8.15427	Week 2 down vs Week 1
10423098	NM_053077 // Slc45a2 // solute carrier family 45, member 2 // 15 A1|15 6.7 cM //	Slc45a2	2.89567E-09	-8.13744	Week 2 down vs Week 1
10602756	NM_025357 // Smpx // small muscle protein, X-linked // X F4 // 66106 /// ENSMUST	Smpx	1.54292E-05	-8.05244	Week 2 down vs Week 1
10408543	ENSMUST00000057428 // Mylk4 // myosin light chain kinase family, member 4 // 13	Mylk4	1.70596E-06	-8.04141	Week 2 down vs Week 1
10413981	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	1.93972E-07	-7.94376	Week 2 down vs Week 1
10589494	NM_013884 // Cspg5 // chondroitin sulfate proteoglycan 5 // 9 F2 // 29873 /// AF	Cspg5	3.215E-12	-7.89738	Week 2 down vs Week 1
10413979	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	5.71356E-08	-7.88636	Week 2 down vs Week 1
10396840	NM_030017 // Rdh12 // retinol dehydrogenase 12 // 12 D2 // 77974 /// ENSMUST0000	Rdh12	2.22309E-06	-7.88402	Week 2 down vs Week 1
10341314	---		1.54701E-07	-7.83912	Week 2 down vs Week 1
10553743	NM_021879 // Oca2 // oculocutaneous albinism II // 7 B5-C|7 28.0 cM // 18431 ///	Oca2	3.57426E-09	-7.69644	Week 2 down vs Week 1
10373680	NM_007501 // Neurod4 // neurogenic differentiation 4 // 10 D3|10 72.0 cM // 1192	Neurod4	2.67695E-06	-7.62132	Week 2 down vs Week 1
10377938	NM_007933 // Eno3 // enolase 3, beta muscle // 11 B4|11 42.0 cM // 13808 /// NM_	Eno3	2.2457E-08	-7.58332	Week 2 down vs Week 1
10372324	NM_009306 // Syt1 // synaptotagmin I // 10 D1|10 58.0 cM // 20979 /// ENSMUST000	Syt1	2.59426E-06	-7.55793	Week 2 down vs Week 1
10465833	NM_009073 // Rom1 // rod outer segment membrane protein 1 // 19 A|19 8.0 cM // 1	Rom1	1.56461E-06	-7.52254	Week 2 down vs Week 1
10565910	NM_013746 // Plekhb1 // pleckstrin homology domain containing, family B (evectin	Plekhb1	9.41315E-08	-7.39836	Week 2 down vs Week 1
10388707	NM_009965 // Cryba1 // crystallin, beta A1 // 11 B-C1|11 44.71 cM // 12957 /// E	Cryba1	0.00292109	-7.33003	Week 2 down vs Week 1
10537062	NM_008590 // Mest // mesoderm specific transcript // 6 B1|6 7.5 cM // 17294 ///	Mest	1.18797E-09	-7.24407	Week 2 down vs Week 1
10362418	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.04529E-06	-7.24026	Week 2 down vs Week 1
10437376	NM_175347 // Srl // sarcalumenin // 16 A1 // 106393 /// ENSMUST00000023161 // Sr	Srl	1.21763E-06	-7.23471	Week 2 down vs Week 1
10422164	NM_007904 // Ednrb // endothelin receptor type B // 14 E2.3|14 51.0 cM // 13618	Ednrb	1.66137E-08	-7.19404	Week 2 down vs Week 1
10607064	NM_001007576 // Gucy2f // guanylate cyclase 2f // X F2|X 61.0 cM // 245650 /// E	Gucy2f	9.80748E-09	-7.19175	Week 2 down vs Week 1
10593293	NM_001081445 // Ncam1 // neural cell adhesion molecule 1 // 9 A5.3|9 28.0 cM //	Ncam1	8.208E-12	-7.1365	Week 2 down vs Week 1
10431872	ENSMUST00000100262 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 //	Slc38a1	1.02E-13	-7.1203	Week 2 down vs Week 1
10377148	NM_177369 // Myh8 // myosin, heavy polypeptide 8, skeletal muscle, perinatal //	Myh8	1.74786E-07	-7.03897	Week 2 down vs Week 1
10499132	NM_011839 // Mab21l2 // mab-21-like 2 (C. elegans) // 3 F1 // 23937 /// ENSMUST0	Mab21l2	6.53766E-10	-7.00313	Week 2 down vs Week 1
10602966	NM_011302 // Rs1 // retinoschisis (X-linked, juvenile) 1 (human) // X F4|X 70.0	Rs1	2.21445E-06	-7.0004	Week 2 down vs Week 1
10595392	NM_148941 // Elovl4 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl4	1.04304E-07	-6.9254	Week 2 down vs Week 1
10411235	NM_027711 // Iqgap2 // IQ motif containing GTPase activating protein 2 // 13 D1	Iqgap2	1.56582E-10	-6.90585	Week 2 down vs Week 1
10431874	NM_134086 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 // 105727 //	Slc38a1	9E-15	-6.84465	Week 2 down vs Week 1
10594188	NM_013708 // Nr2e3 // nuclear receptor subfamily 2, group E, member 3 // 9 B|9 3	Nr2e3	1.40045E-06	-6.75614	Week 2 down vs Week 1
10462435	NM_029993 // Mlana // melan-A // 19 C2|19 24.5 cM // 77836 /// ENSMUST0000002571	Mlana	4.48945E-09	-6.72947	Week 2 down vs Week 1
10529977	NM_008904 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	2E-14	-6.71106	Week 2 down vs Week 1
10362404	NM_029726 // Trdn // triadin // 10 A4 // 76757 /// ENSMUST00000050626 // Trdn //	Trdn	1.63293E-06	-6.70966	Week 2 down vs Week 1
10549276	NM_024469 // Bhlhe41 // basic helix-loop-helix family, member e41 // 6 G2-G3|6 7	Bhlhe41	8.281E-12	-6.70323	Week 2 down vs Week 1
10355193	NM_001082573 // Crygc // crystallin, gamma C // 1 C2|1 32.0 cM // 12966 /// NM_0	Crygc	0.000399201	-6.66011	Week 2 down vs Week 1
10593671	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	2.10434E-09	-6.63289	Week 2 down vs Week 1
10490794	NM_008862 // Pkia // protein kinase inhibitor, alpha // 3 A1 // 18767 /// ENSMUS	Pkia	3.72555E-10	-6.61359	Week 2 down vs Week 1
10540401	NM_008516 // Lrrn1 // leucine rich repeat protein 1, neuronal // 6 E1 // 16979 /	Lrrn1	3.52299E-08	-6.61086	Week 2 down vs Week 1

10575693	NM_173016 // Vat1l // vesicle amine transport protein 1 homolog-like (T. califor	Vat1l	1.0631E-10	-6.60177	Week 2 down vs Week 1
10603051	NM_026887 // Ap1s2 // adaptor-related protein complex 1, sigma 2 subunit // X F5	Ap1s2	1.771E-12	-6.5952	Week 2 down vs Week 1
10570379	NM_011881 // Grk1 // G protein-coupled receptor kinase 1 // --- // 24013 /// BC0	Grk1	8.38033E-07	-6.57013	Week 2 down vs Week 1
10578709	NM_028220 // Wdr17 // WD repeat domain 17 // 8 B3.1 // 244484 /// ENSMUST0000009	Wdr17	2.18774E-06	-6.5097	Week 2 down vs Week 1
10467842	NM_010324 // Got1 // glutamate oxaloacetate transaminase 1, soluble // 19 C3|19	Got1	5.2E-13	-6.49472	Week 2 down vs Week 1
10426397	NM_007727 // Cntn1 // contactin 1 // 15 F|15 55.1 cM // 12805 /// NM_001159647 /	Cntn1	4.37564E-09	-6.49161	Week 2 down vs Week 1
10466587	NM_001043354 // Rorb // RAR-related orphan receptor beta // 19 B // 225998 /// N	Rorb	1.48731E-07	-6.45016	Week 2 down vs Week 1
10343687	---		0.000289369	-6.42952	Week 2 down vs Week 1
10402020	NM_001081191 // Eml5 // echinoderm microtubule associated protein like 5 // 12 E	Eml5	1.75451E-09	-6.40879	Week 2 down vs Week 1
10511363	NM_001002927 // Penk // preproenkephalin // 4 A1|4 0.8 cM // 18619 /// ENSMUST00	Penk	1.02572E-06	-6.40022	Week 2 down vs Week 1
10372383	BC051527 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 320150	Zdhhc17	1.05437E-10	-6.37922	Week 2 down vs Week 1
10552857	NM_182993 // Slc17a7 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a7	2.69774E-06	-6.35009	Week 2 down vs Week 1
10503212	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.34384E-09	-6.34155	Week 2 down vs Week 1
10519855	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	1.08738E-09	-6.32252	Week 2 down vs Week 1
10464836	NM_013456 // Actn3 // actinin alpha 3 // 19 A|19 3.0 cM // 11474 /// ENSMUST0000	Actn3	0.000010337	-6.32186	Week 2 down vs Week 1
10341008	---		4.8087E-09	-6.27648	Week 2 down vs Week 1
10408812	NM_001145803 // Mak // male germ cell-associated kinase // 13 A3.3|13 23.0 cM //	Mak	1.12609E-06	-6.27272	Week 2 down vs Week 1
10340197	---		2.13923E-08	-6.26021	Week 2 down vs Week 1
10344204	---		2.4E-14	-6.25987	Week 2 down vs Week 1
10484261	NM_001048176 // Cerkl // ceramide kinase-like // 2 C3 // 228094 /// NM_010576 //	Cerkl	1.68517E-07	-6.25525	Week 2 down vs Week 1
10543466	NM_010338 // Gpr37 // G protein-coupled receptor 37 // 6 A3.1|6 7.2 cM // 14763	Gpr37	9.04768E-10	-6.24545	Week 2 down vs Week 1
10362462	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	4.73663E-05	-6.24075	Week 2 down vs Week 1
10524338	NM_023695 // Crybb1 // crystallin, beta B1 // 5 F|5 59.0 cM // 12960 /// ENSMUST	Crybb1	0.000221499	-6.23407	Week 2 down vs Week 1
10413995	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	1.88648E-07	-6.16364	Week 2 down vs Week 1
10590663	NM_019691 // Gria4 // glutamate receptor, ionotropic, AMPA4 (alpha 4) // 9 A1|9	Gria4	3.79341E-08	-6.12859	Week 2 down vs Week 1
10358525	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	9.76499E-09	-6.11769	Week 2 down vs Week 1
10400926	NM_153457 // Rtn1 // reticulon 1 // 12 C3 // 104001 /// NM_001007596 // Rtn1 //	Rtn1	1.04259E-07	-6.08039	Week 2 down vs Week 1
10608001	NM_012011 // Eif2s3y // eukaryotic translation initiation factor 2, subunit 3, s	Eif2s3y	0.0172917	-6.07406	Week 2 down vs Week 1
10508614	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	1.37016E-07	-6.05032	Week 2 down vs Week 1
10482795	NM_029972 // Ermn // ermin, ERM-like protein // 2 C2|2 // 77767 /// ENSMUST00000	Ermn	1.19397E-08	-6.04284	Week 2 down vs Week 1
10539393	ENSMUST00000039212 // Slc4a5 // solute carrier family 4, sodium bicarbonate cotr	Slc4a5	1.35775E-08	-6.0354	Week 2 down vs Week 1
10469255	NM_008859 // Prkcq // protein kinase C, theta // 2 A1|2 2.0 cM // 18761 /// ENSM	Prkcq	4.4248E-11	-6.03265	Week 2 down vs Week 1
10498978	NM_023624 // Lrat // lecithin-retinol acyltransferase (phosphatidylcholine-retin	Lrat	8.02015E-08	-6.02619	Week 2 down vs Week 1
10460947	NM_011224 // Pygm // muscle glycogen phosphorylase // 19 A|19 2.0 cM // 19309 //	Pygm	3.18633E-08	-5.97564	Week 2 down vs Week 1
10459475	NM_145493 // Cplx4 // complexin 4 // 18 E1 // 225644 /// ENSMUST00000025397 // C	Cplx4	8.77124E-06	-5.97225	Week 2 down vs Week 1
10594963	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	3.61066E-05	-5.8779	Week 2 down vs Week 1
10541354	NM_175628 // A2m // alpha-2-macroglobulin // 6 F1|6 61.7 cM // 232345 /// ENSMUS	A2m	4.4725E-11	-5.87484	Week 2 down vs Week 1
10511631	NM_145947 // Slc26a7 // solute carrier family 26, member 7 // 4 A1 // 208890 ///	Slc26a7	5.96708E-10	-5.87262	Week 2 down vs Week 1
10340943	---		2.64002E-08	-5.86787	Week 2 down vs Week 1
10456096	NM_146086 // Pde6a // phosphodiesterase 6A, cGMP-specific, rod, alpha // 18 E1 /	Pde6a	6.7368E-06	-5.85919	Week 2 down vs Week 1
10342239	---		3.07314E-06	-5.81538	Week 2 down vs Week 1
10437205	NM_008791 // Pcp4 // Purkinje cell protein 4 // 16 C4|16 69.9 cM // 18546 /// EN	Pcp4	2.19282E-09	-5.80631	Week 2 down vs Week 1
10338452	---		8.19594E-08	-5.80234	Week 2 down vs Week 1
10556509	NM_145584 // Spon1 // spondin 1, (f-spondin) extracellular matrix protein // 7 F	Spon1	2.25053E-09	-5.77805	Week 2 down vs Week 1
10403796	NM_175007 // Amph // amphiphysin // 13 A2 // 218038 /// ENSMUST00000003345 // Am	Amph	1.2942E-09	-5.74717	Week 2 down vs Week 1
10344952	NM_133832 // Rdh10 // retinol dehydrogenase 10 (all-trans) // 1 A3|1 12.0 cM //	Rdh10	1.56359E-08	-5.73683	Week 2 down vs Week 1
10344236	---		3.15633E-09	-5.71538	Week 2 down vs Week 1
10344270	---		1.0248E-11	-5.70097	Week 2 down vs Week 1
10438668	NM_009967 // Crygs // crystallin, gamma S // 16 B1|16 16.1 cM // 12970 /// ENSMU	Crygs	0.00517241	-5.69984	Week 2 down vs Week 1
10502135	NM_009102 // Rrh // retinal pigment epithelium derived rhodopsin homolog // 3 G3	Rrh	7.32123E-09	-5.69109	Week 2 down vs Week 1
10498309	NM_019410 // Pfn2 // profilin 2 // 3 D|3 29.3 cM // 18645 /// ENSMUST00000066882	Pfn2	2.6804E-11	-5.65806	Week 2 down vs Week 1
10338109	---		1.46572E-06	-5.64598	Week 2 down vs Week 1
10601846	NR_003642 // 2900062L11Rik // signal peptidase complex subunit 3 homolog pseudog	2900062L11Rik	7.9142E-11	-5.64509	Week 2 down vs Week 1
10523021	NM_018760 // Slc4a4 // solute carrier family 4 (anion exchanger), member 4 // 5	Slc4a4	3.24329E-07	-5.62057	Week 2 down vs Week 1
10494372	NM_022030 // Sv2a // synaptic vesicle glycoprotein 2 a // 3 F2 // 64051 /// ENSM	Sv2a	1.10972E-10	-5.6115	Week 2 down vs Week 1
10343159	---		6.19325E-08	-5.6029	Week 2 down vs Week 1
10598359	NM_009305 // Syp // synaptophysin // X A-D|X 1.5 cM // 20977 /// ENSMUST00000069	Syp	4.10654E-06	-5.588	Week 2 down vs Week 1
10529091	---		1.23221E-07	-5.53808	Week 2 down vs Week 1
10344608	---		7.7633E-07	-5.52927	Week 2 down vs Week 1
10340433	---		1.68299E-10	-5.51704	Week 2 down vs Week 1
10339998	---		4.67471E-08	-5.50454	Week 2 down vs Week 1
10447056	NM_027455 // Qpct // glutaminyl-peptide cyclotransferase (glutaminyl cyclase) //	Qpct	0	-5.4961	Week 2 down vs Week 1
10561561	NM_009109 // Ryr1 // ryanodine receptor 1, skeletal muscle // 7 A2-B3|7 10.0 cM	Ryr1	8.82224E-07	-5.49172	Week 2 down vs Week 1
10529979	NR_027710 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	9.05E-13	-5.48158	Week 2 down vs Week 1
10376096	NM_001033598 // Acsl6 // acyl-CoA synthetase long-chain family member 6 // 11 B1	Acsl6	7.87536E-10	-5.45004	Week 2 down vs Week 1

10457942	NM_009308 // Syt4 // synaptotagmin IV // 18 B1|18 10.0 cM // 20983 /// ENSMUST00	Syt4	4.89877E-10	-5.438	Week 2 down vs Week 1
10342428	---		1.05043E-09	-5.43199	Week 2 down vs Week 1
10415279	NM_026808 // Fitm1 // fat storage-inducing transmembrane protein 1 // 14 C3 // 6	Fitm1	6.54277E-07	-5.41155	Week 2 down vs Week 1
10550146	NM_013877 // Cabp5 // calcium binding protein 5 // 7 A2 // 29865 /// BC018253 //	Cabp5	5.92829E-06	-5.39368	Week 2 down vs Week 1
10540248	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	2.06273E-07	-5.38079	Week 2 down vs Week 1
10341953	---		5.27372E-07	-5.37358	Week 2 down vs Week 1
10419366	ENSMUST00000051102 // Gm534 // predicted gene 534 // 14 C1 // 218993	Gm534	5.1722E-11	-5.34279	Week 2 down vs Week 1
10587194	NM_138719 // Gnb5 // guanine nucleotide binding protein (G protein), beta 5 // 9	Gnb5	3.55544E-08	-5.32721	Week 2 down vs Week 1
10342498	---		2.26592E-10	-5.25497	Week 2 down vs Week 1
10423855	NM_053271 // Rims2 // regulating synaptic membrane exocytosis 2 // 15 C|15 16.0	Rims2	1.27601E-06	-5.24633	Week 2 down vs Week 1
10571399	NM_178395 // Zdhhc2 // zinc finger, DHHC domain containing 2 // 8 A4 // 70546 //	Zdhhc2	4.52674E-10	-5.24225	Week 2 down vs Week 1
10344390	---		2.0297E-08	-5.23107	Week 2 down vs Week 1
10585803	NM_009291 // Stra6 // stimulated by retinoic acid gene 6 // 9 C // 20897 /// NM_	Stra6	1.04417E-09	-5.23076	Week 2 down vs Week 1
10365983	NM_008524 // Lum // lumican // 10 C3|10 61.0 cM // 17022 /// ENSMUST00000038160	Lum	6.38513E-08	-5.22485	Week 2 down vs Week 1
10367436	NM_001042580 // Cd63 // CD63 antigen // 10 D3|10 72.0 cM // 12512 /// NM_007653	Cd63	1.88682E-08	-5.22128	Week 2 down vs Week 1
10344197	---		1.43375E-05	-5.21505	Week 2 down vs Week 1
10543233	NM_080464 // Ppp1r3a // protein phosphatase 1, regulatory (inhibitor) subunit 3A	Ppp1r3a	9.63501E-06	-5.20505	Week 2 down vs Week 1
10553861	NM_001039104 // Trpm1 // transient receptor potential cation channel, subfamily	Trpm1	9.24098E-10	-5.19951	Week 2 down vs Week 1
10560919	NM_144921 // Atp1a3 // ATPase, Na+/K+ transporting, alpha 3 polypeptide // 7 A3	Atp1a3	1.14621E-06	-5.19057	Week 2 down vs Week 1
10494043	NM_028307 // Tdrkh // tudor and KH domain containing protein // 3 F2 // 72634 //	Tdrkh	6.5968E-11	-5.1899	Week 2 down vs Week 1
10559200	NM_009405 // Tnni2 // troponin I, skeletal, fast 2 // 7 F5|7 70.0 cM // 21953 //	Tnni2	8.25868E-07	-5.18628	Week 2 down vs Week 1
10472426	NM_001024618 // Xirp2 // xin actin-binding repeat containing 2 // 2 C1.3 // 2414	Xirp2	1.21359E-06	-5.17393	Week 2 down vs Week 1
10587107	NM_010864 // Myo5a // myosin VA // 9 D|9 42.0 cM // 17918 /// ENSMUST00000036772	Myo5a	1.00644E-07	-5.1684	Week 2 down vs Week 1
10412773	NM_001033270 // Slc4a7 // solute carrier family 4, sodium bicarbonate cotranspor	Slc4a7	1.96837E-08	-5.16405	Week 2 down vs Week 1
10421932	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	7.001E-12	-5.15565	Week 2 down vs Week 1
10599348	NM_016886 // Gria3 // glutamate receptor, ionotropic, AMPA3 (alpha 3) // X A3.3-	Gria3	5.94E-12	-5.13564	Week 2 down vs Week 1
10521759	NM_178804 // Slit2 // slit homolog 2 (Drosophila) // 5 B3 // 20563 /// ENSMUST00	Slit2	3.8141E-11	-5.13177	Week 2 down vs Week 1
10342726	---		2.82831E-07	-5.1275	Week 2 down vs Week 1
10397575	NM_172544 // Nrxn3 // neurexin III // 12D2|12 45.0 cM // 18191 /// ENSMUST000000	Nrxn3	4.13545E-07	-5.10366	Week 2 down vs Week 1
10571312	NM_176933 // Dusp4 // dual specificity phosphatase 4 // 8 A4 // 319520 /// ENSMU	Dusp4	4.2168E-11	-5.09122	Week 2 down vs Week 1
10457644	NM_007664 // Cdh2 // cadherin 2 // 18 A1|18 6.0 cM // 12558 /// AB008811 // Cdh2	Cdh2	4.88807E-10	-5.0798	Week 2 down vs Week 1
10503180	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.45212E-10	-5.07894	Week 2 down vs Week 1
10458663	NM_009468 // Dpysl3 // dihydropyrimidinase-like 3 // 18 B3 // 22240 /// NM_00113	Dpysl3	1.06325E-10	-5.06368	Week 2 down vs Week 1
10395389	NM_025312 // Sostdc1 // sclerostin domain containing 1 // 12 B2 // 66042 /// ENS	Sostdc1	2.0654E-11	-5.06019	Week 2 down vs Week 1
10541318	NM_144512 // Slc6a13 // solute carrier family 6 (neurotransmitter transporter, G	Slc6a13	8.92269E-08	-5.05306	Week 2 down vs Week 1
10377725	NM_007864 // Dlg4 // discs, large homolog 4 (Drosophila) // 11 B4 // 13385 /// N	Dlg4	1.12848E-08	-5.03824	Week 2 down vs Week 1
10342277	---		4.85392E-07	-4.99646	Week 2 down vs Week 1
10392415	NM_011268 // Rgs9 // regulator of G-protein signaling 9 // 11 E1|11 70.0 cM // 1	Rgs9	3.63553E-08	-4.99193	Week 2 down vs Week 1
10342256	---		1.70904E-07	-4.98236	Week 2 down vs Week 1
10342456	---		2.6114E-07	-4.972	Week 2 down vs Week 1
10385283	NM_008073 // Gabrg2 // gamma-aminobutyric acid (GABA) A receptor, subunit gamma	Gabrg2	1.40229E-05	-4.96884	Week 2 down vs Week 1
10347583	NM_010043 // Des // desmin // 1 C3|1 41.1 cM // 13346 /// ENSMUST00000027409 //	Des	1.4425E-06	-4.94941	Week 2 down vs Week 1
10519886	NM_013657 // Sema3c // sema domain, immunoglobulin domain (Ig), short basic doma	Sema3c	2.11488E-07	-4.94602	Week 2 down vs Week 1
10504692	NM_021883 // Tmod1 // tropomodulin 1 // 4 B1|4 21.5 cM // 21916 /// ENSMUST00000	Tmod1	1.42531E-08	-4.94344	Week 2 down vs Week 1
10465089	NM_001024560 // Snx32 // sorting nexin 32 // 19 A // 225861 /// ENSMUST000000701	Snx32	1.34E-13	-4.94103	Week 2 down vs Week 1
10547858	NM_013530 // Gnb3 // guanine nucleotide binding protein (G protein), beta 3 // 6	Gnb3	2.94129E-07	-4.93873	Week 2 down vs Week 1
10541144	NM_001033382 // Cacna2d4 // calcium channel, voltage-dependent, alpha 2/delta su	Cacna2d4	2.48183E-07	-4.93565	Week 2 down vs Week 1
10601888	NM_011123 // Plp1 // proteolipid protein (myelin) 1 // X F1-F2|X 56.0 cM // 1882	Plp1	2.29591E-05	-4.93483	Week 2 down vs Week 1
10503196	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.51404E-09	-4.91918	Week 2 down vs Week 1
10473312	NM_175514 // Fam171b // family with sequence similarity 171, member B // 2 D //	Fam171b	2.78357E-09	-4.90943	Week 2 down vs Week 1
10458046	NM_053078 // D0H4S114 // DNA segment, human D4S114 // 18 B1 // 27528 /// NM_0011	D0H4S114	8.41386E-10	-4.90767	Week 2 down vs Week 1
10454580	NM_009668 // Bin1 // bridging integrator 1 // 18 B1|18 14.0 cM // 30948 /// NM_0	Bin1	3.83617E-10	-4.90709	Week 2 down vs Week 1
10374578	BC024460 // Fam161a // family with sequence similarity 161, member A // 11 A3.3	Fam161a	6.59028E-07	-4.90667	Week 2 down vs Week 1
10398326	NR_003633 // Meg3 // maternally expressed 3 // 12 F1|12 54.0 cM // 17263 /// NR_	Meg3	1.84505E-08	-4.89894	Week 2 down vs Week 1
10370242	NM_021568 // Pcbp3 // poly(rC) binding protein 3 // 10 B5.1-B5.3 // 59093 /// EN	Pcbp3	1.524E-08	-4.89745	Week 2 down vs Week 1
10491252	NM_029489 // Samd7 // sterile alpha motif domain containing 7 // 3 A3 // 75953 /	Samd7	9.77444E-07	-4.89496	Week 2 down vs Week 1
10340350	---		1.42354E-07	-4.89324	Week 2 down vs Week 1
10498885	NM_013540 // Gria2 // glutamate receptor, ionotropic, AMPA2 (alpha 2) // 3 E3|3	Gria2	1.20639E-05	-4.89146	Week 2 down vs Week 1
10353632	NM_175642 // Bai3 // brain-specific angiogenesis inhibitor 3 // 1 A5 // 210933 /	Bai3	1.03352E-07	-4.88697	Week 2 down vs Week 1
10361023	NM_008937 // Prox1 // prospero-related homeobox 1 // 1 H6|1 106.3 cM // 19130 //	Prox1	1.46711E-07	-4.87745	Week 2 down vs Week 1
10442584	NM_025425 // Rpl3l // ribosomal protein L3-like // 17 A3.3 // 66211 /// ENSMUST0	Rpl3l	4.92367E-07	-4.87357	Week 2 down vs Week 1
10389795	NM_011505 // Stxbp4 // syntaxin binding protein 4 // 11 C // 20913 /// ENSMUST00	Stxbp4	1.9923E-11	-4.86648	Week 2 down vs Week 1
10468533	NM_008149 // Gpam // glycerol-3-phosphate acyltransferase, mitochondrial // 19 D	Gpam	2.2721E-11	-4.86342	Week 2 down vs Week 1
10602198	NM_008778 // Pak3 // p21 protein (Cdc42/Rac)-activated kinase 3 // X F2 // 18481	Pak3	1.91118E-09	-4.85918	Week 2 down vs Week 1
10338612	---		6.72769E-10	-4.85889	Week 2 down vs Week 1

10338359	---		1.75077E-09	-4.83874	Week 2 down vs Week 1
10371502	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	5.01814E-07	-4.8384	Week 2 down vs Week 1
10410778	NM_054053 // Gpr98 // G protein-coupled receptor 98 // 13 C3|13 40.0 cM // 11078	Gpr98	1.10265E-09	-4.82315	Week 2 down vs Week 1
10362446	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.05217E-06	-4.81597	Week 2 down vs Week 1
10594490	NM_144813 // Slc24a1 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a1	8.33552E-08	-4.81426	Week 2 down vs Week 1
10338989	---		4.367E-07	-4.81373	Week 2 down vs Week 1
10587262	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	7.80037E-06	-4.81249	Week 2 down vs Week 1
10360463	NM_176916 // Pld5 // phospholipase D family, member 5 // 1 H4 // 319455 /// ENSM	Pld5	1.31414E-07	-4.80814	Week 2 down vs Week 1
10340111	---		1.06896E-05	-4.80495	Week 2 down vs Week 1
10363921	NM_023115 // Pcdh15 // protocadherin 15 // 10 B5.3|10 40.2 cM // 11994 /// NM_00	Pcdh15	1.25213E-07	-4.80474	Week 2 down vs Week 1
10413985	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	4.7004E-06	-4.79692	Week 2 down vs Week 1
10517655	NM_001122954 // Pla2g5 // phospholipase A2, group V // 4 D3|4 68.0 cM // 18784 /	Pla2g5	1.00949E-10	-4.79555	Week 2 down vs Week 1
10410984	NM_198415 // Ckmt2 // creatine kinase, mitochondrial 2 // 13 C3 // 76722 /// ENS	Ckmt2	3.59954E-05	-4.77537	Week 2 down vs Week 1
10343751	---		3.887E-12	-4.76083	Week 2 down vs Week 1
10338876	---		1.50516E-08	-4.75773	Week 2 down vs Week 1
10506714	NM_053073 // Lrp8 // low density lipoprotein receptor-related protein 8, apolipo	Lrp8	1.71578E-10	-4.75413	Week 2 down vs Week 1
10372385	NM_172554 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 32015	Zdhhc17	2.08612E-10	-4.74673	Week 2 down vs Week 1
10483081	NM_007986 // Fap // fibroblast activation protein // 2 C1.3|2 36.0 cM // 14089 /	Fap	8.89018E-08	-4.74324	Week 2 down vs Week 1
10344563	---		5.04793E-08	-4.7397	Week 2 down vs Week 1
10344428	---		7.405E-12	-4.72993	Week 2 down vs Week 1
10551836	NM_009944 // Cox7a1 // cytochrome c oxidase, subunit VIIa 1 // 7 B1|7 8.0 cM //	Cox7a1	2.03787E-07	-4.72829	Week 2 down vs Week 1
10593668	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	3.86875E-10	-4.71085	Week 2 down vs Week 1
10340394	---		9.51763E-10	-4.67796	Week 2 down vs Week 1
10341635	---		5.02119E-10	-4.67036	Week 2 down vs Week 1
10436598	ENSMUST00000068704 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 //	2810055G20Rik	3.91798E-08	-4.6615	Week 2 down vs Week 1
10568363	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	2.02355E-10	-4.63332	Week 2 down vs Week 1
10608107	NM_009484 // Uty // ubiquitously transcribed tetratricopeptide repeat gene, Y ch	Uty	0.0165442	-4.63115	Week 2 down vs Week 1
10531348	NM_011148 // Ppef2 // protein phosphatase, EF hand calcium-binding domain 2 // 5	Ppef2	1.31119E-06	-4.63114	Week 2 down vs Week 1
10606868	NM_009052 // Bex1 // brain expressed gene 1 // X F1|X 57.5 cM // 19716 /// ENSMU	Bex1	8.69E-11	-4.62125	Week 2 down vs Week 1
10383353	NM_145363 // Tspan10 // tetraspanin 10 // 11 E2 // 208634 /// ENSMUST00000106212	Tspan10	1.49132E-09	-4.61986	Week 2 down vs Week 1
10398859	NM_007421 // Adssl1 // adenylosuccinate synthetase like 1 // 12 F1 // 11565 ///	Adssl1	3.28033E-07	-4.61262	Week 2 down vs Week 1
10528385	NM_011261 // Reln // reelin // 5 A3-B1|5 8.0 cM // 19699 /// ENSMUST00000062372	Reln	5.45515E-07	-4.61034	Week 2 down vs Week 1
10484201	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	5.99303E-10	-4.60948	Week 2 down vs Week 1
10338263	---		1.28828E-08	-4.60823	Week 2 down vs Week 1
10344510	---		5.27738E-10	-4.60576	Week 2 down vs Week 1
10593316	---		3.67E-13	-4.60496	Week 2 down vs Week 1
10528207	NM_001159557 // Cd36 // CD36 antigen // 5 A3|5 2.0 cM // 12491 /// NM_001159558	Cd36	3.82735E-05	-4.59487	Week 2 down vs Week 1
10421293	NM_008915 // Ppp3cc // protein phosphatase 3, catalytic subunit, gamma isoform /	Ppp3cc	3.65974E-09	-4.59094	Week 2 down vs Week 1
10339446	---		1.22772E-09	-4.58827	Week 2 down vs Week 1
10483719	NM_001113246 // Chn1 // chimerin (chimaerin) 1 // 2 C3 // 108699 /// NM_175752 /	Chn1	4.8192E-10	-4.57976	Week 2 down vs Week 1
10387505	NM_013415 // Atp1b2 // ATPase, Na+/K+ transporting, beta 2 polypeptide // 11 B3|	Atp1b2	2.95547E-06	-4.5783	Week 2 down vs Week 1
10344363	---		8.56819E-06	-4.57207	Week 2 down vs Week 1
10502830	NM_199465 // Nexn // nexilin // 3 H3 // 68810 /// ENSMUST00000046045 // Nexn //	Nexn	4.71516E-07	-4.57014	Week 2 down vs Week 1
10342344	---		0.000684582	-4.56391	Week 2 down vs Week 1
10353309	AK081751 // Jph1 // junctophilin 1 // 1 A4 // 57339	Jph1	8.22729E-07	-4.55905	Week 2 down vs Week 1
10427075	NM_010664 // Krt18 // keratin 18 // 15 F3|15 58.86 cM // 16668 /// ENSMUST000000	Krt18	1.82396E-09	-4.52976	Week 2 down vs Week 1
10578649	NM_011857 // Odz3 // odd Oz/ten-m homolog 3 (Drosophila) // 8 B2 // 23965 /// NM	Odz3	3.38963E-10	-4.5269	Week 2 down vs Week 1
10501895	NM_021503 // Myoz2 // myozenin 2 // 3 G3 // 59006 /// ENSMUST00000029761 // Myoz	Myoz2	5.96564E-05	-4.52109	Week 2 down vs Week 1
10343464	---		1.86083E-07	-4.51079	Week 2 down vs Week 1
10419082	BC056635 // 5730469M10Rik // RIKEN cDNA 5730469M10 gene // 14 B // 70564 /// ENS	5730469M10Rik	4.1475E-10	-4.5096	Week 2 down vs Week 1
10599736	NM_001077361 // Fhl1 // four and a half LIM domains 1 // X A6-A7.1 // 14199 ///	Fhl1	7.53176E-08	-4.50641	Week 2 down vs Week 1
10550638	NM_013648 // Rtn2 // reticulon 2 (Z-band associated protein) // 7 A3|7 4.0 cM //	Rtn2	1.19456E-07	-4.5009	Week 2 down vs Week 1
10400948	NM_029444 // Six6os1 // Six6 opposite strand transcript 1 // 12 C3 // 75801 ///	Six6os1	8.46135E-09	-4.49665	Week 2 down vs Week 1
10338809	---		2.36761E-06	-4.49546	Week 2 down vs Week 1
10547807	NM_013509 // Eno2 // enolase 2, gamma neuronal // 6 F2|6 60.21 cM // 13807 /// E	Eno2	2.88051E-08	-4.49338	Week 2 down vs Week 1
10461115	NM_031194 // Slc22a8 // solute carrier family 22 (organic anion transporter), me	Slc22a8	7.2213E-11	-4.48113	Week 2 down vs Week 1
10519815	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	9.02138E-08	-4.47949	Week 2 down vs Week 1
10494672	NM_009323 // Tbx15 // T-box 15 // 3 F2.2|3 49.0 cM // 21384 /// ENSMUST000000294	Tbx15	2.49254E-06	-4.47846	Week 2 down vs Week 1
10543591	NM_007538 // Opn1sw // opsin 1 (cone pigments), short-wave-sensitive (color blin	Opn1sw	9.95443E-06	-4.47641	Week 2 down vs Week 1
10342891	---		5.37E-13	-4.45988	Week 2 down vs Week 1
10455080	NM_053134 // Pcdhb9 // protocadherin beta 9 // 18 B3 // 93880 /// ENSMUST0000005	Pcdhb9	6.2017E-11	-4.45914	Week 2 down vs Week 1
10582082	NM_001009950 // Slc38a8 // solute carrier family 38, member 8 // 8 E1 // 234788	Slc38a8	5.08709E-09	-4.45663	Week 2 down vs Week 1
10506754	NM_146255 // Slc1a7 // solute carrier family 1 (glutamate transporter), member 7	Slc1a7	6.44135E-07	-4.45642	Week 2 down vs Week 1
10588509	NM_021567 // Pcbp4 // poly(rC) binding protein 4 // 9 F1-F2 // 59092 /// ENSMUST	Pcbp4	1.09203E-09	-4.45591	Week 2 down vs Week 1
10413977	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	2.45934E-05	-4.44983	Week 2 down vs Week 1

10477986	NM_010923 // Nnat // neuronatin // 2 H1|2 88.0 cM // 18111 /// NM_180960 // Nnat	Nnat	5.44743E-08	-4.4323	Week 2 down vs Week 1
10505187	NM_011673 // Ugcg // UDP-glucose ceramide glucosyltransferase // 4 B3|4 32.0 cM	Ugcg	3.10005E-09	-4.42811	Week 2 down vs Week 1
10357858	NM_054076 // Optc // opticin // 1 E4 // 269120 /// NM_001160421 // Optc // optic	Optc	0.000144655	-4.42641	Week 2 down vs Week 1
10505030	NM_176966 // Fsd1l // fibronectin type III and SPRY domain containing 1-like //	Fsd1l	4.27554E-09	-4.41892	Week 2 down vs Week 1
10341743	---		4.85505E-10	-4.41495	Week 2 down vs Week 1
10594044	NM_012043 // Islr // immunoglobulin superfamily containing leucine-rich repeat /	Islr	1.03258E-07	-4.41334	Week 2 down vs Week 1
10405753	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	3.4655E-11	-4.41262	Week 2 down vs Week 1
10358561	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.73411E-07	-4.4112	Week 2 down vs Week 1
10379489	NM_029537 // Tmem98 // transmembrane protein 98 // 11 B5 // 103743 /// ENSMUST00	Tmem98	2.53875E-08	-4.41095	Week 2 down vs Week 1
10352178	NM_178653 // Sccpdh // saccharopine dehydrogenase (putative) // 1 H4 // 109232 /	Sccpdh	3.08E-13	-4.39208	Week 2 down vs Week 1
10468593	NM_008733 // Nrap // nebulin-related anchoring protein // 19 D2|19 53.25 cM // 1	Nrap	2.60592E-06	-4.37509	Week 2 down vs Week 1
10435641	NM_008047 // Fstl1 // follistatin-like 1 // 16 B3|16 27.3 cM // 14314 /// ENSMUS	Fstl1	3.74157E-07	-4.37481	Week 2 down vs Week 1
10564211	NM_013670 // Snrpn // small nuclear ribonucleoprotein N // 7 C|7 29.0 cM // 2064	Snrpn	1.71353E-09	-4.36148	Week 2 down vs Week 1
10414168	NM_173418 // Lrit2 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit2	0.000004218	-4.3534	Week 2 down vs Week 1
10607143	NM_007603 // Capn6 // calpain 6 // X F2 // 12338 /// ENSMUST00000087316 // Capn6	Capn6	1.60462E-08	-4.34506	Week 2 down vs Week 1
10338121	---		7.31865E-09	-4.34403	Week 2 down vs Week 1
10469389	NM_001012305 // Slc39a12 // solute carrier family 39 (zinc transporter), member	Slc39a12	4.47921E-10	-4.3394	Week 2 down vs Week 1
10458685	ENSMUST00000097589 // Jakmip2 // janus kinase and microtubule interacting protei	Jakmip2	2.99684E-09	-4.33569	Week 2 down vs Week 1
10340399	---		7.37069E-10	-4.33546	Week 2 down vs Week 1
10567564	NM_007672 // Cdr2 // cerebellar degeneration-related 2 // 7 F2|7 60.0 cM // 1258	Cdr2	8.33066E-09	-4.33123	Week 2 down vs Week 1
10412335	NM_021459 // Isl1 // ISL1 transcription factor, LIM/homeodomain // 13 D2.3 // 16	Isl1	9.6824E-06	-4.31193	Week 2 down vs Week 1
10421924	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	2.984E-11	-4.31152	Week 2 down vs Week 1
10418053	NM_010610 // Kcnma1 // potassium large conductance calcium-activated channel, su	Kcnma1	4.71545E-10	-4.30751	Week 2 down vs Week 1
10439362	NM_172440 // Stxbp5l // syntaxin binding protein 5-like // 16 B3 // 207227 /// N	Stxbp5l	6.64468E-09	-4.30626	Week 2 down vs Week 1
10440091	NM_007739 // Col8a1 // collagen, type VIII, alpha 1 // 16 C1.1 // 12837 /// ENSM	Col8a1	1.2566E-07	-4.30292	Week 2 down vs Week 1
10543959	NM_008973 // Ptn // pleiotrophin // 6 B1|6 13.5 cM // 19242 /// ENSMUST000001015	Ptn	2.50591E-08	-4.30251	Week 2 down vs Week 1
10417628	NM_012061 // Cadps // Ca2+-dependent secretion activator // 14 A2 // 27062 /// N	Cadps	2.18402E-05	-4.30105	Week 2 down vs Week 1
10565137	NM_172904 // Fsd2 // fibronectin type III and SPRY domain containing 2 // 7 D3 /	Fsd2	5.02946E-06	-4.2986	Week 2 down vs Week 1
10532586	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	7.72688E-06	-4.2969	Week 2 down vs Week 1
10595033	NM_009130 // Scg3 // secretogranin III // 9 D|9 42.0 cM // 20255 /// ENSMUST0000	Scg3	4.98827E-05	-4.29081	Week 2 down vs Week 1
10362456	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	8.02706E-05	-4.28801	Week 2 down vs Week 1
10343373	---		1.82341E-07	-4.27569	Week 2 down vs Week 1
10401160	BC066067 // 6330442E10Rik // RIKEN cDNA 6330442E10 gene // 12 C3 // 268567 /// B	6330442E10Rik	1.30807E-09	-4.26141	Week 2 down vs Week 1
10341831	---		8.74006E-07	-4.25196	Week 2 down vs Week 1
10408268	NM_145399 // Scgn // secretagogin, EF-hand calcium binding protein // 13 A3.1 //	Scgn	1.57777E-05	-4.25143	Week 2 down vs Week 1
10545045	NM_153574 // Fam13a // family with sequence similarity 13, member A // 6 B3 // 5	Fam13a	1.03489E-09	-4.25035	Week 2 down vs Week 1
10385466	NM_011891 // Sgcd // sarcoglycan, delta (dystrophin-associated glycoprotein) //	Sgcd	2.25332E-08	-4.24228	Week 2 down vs Week 1
10553773	NM_008071 // Gabrb3 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 3	Gabrb3	1.26468E-10	-4.2381	Week 2 down vs Week 1
10352586	NM_021408 // Ush2a // Usher syndrome 2A (autosomal recessive, mild) homolog (hum	Ush2a	1.76121E-06	-4.23618	Week 2 down vs Week 1
10363161	BC079613 // 6330442E10Rik // RIKEN cDNA 6330442E10 gene // 12 C3 // 268567 /// E	6330442E10Rik	2.28474E-08	-4.23423	Week 2 down vs Week 1
10542983	NM_011134 // Pon1 // paraoxonase 1 // 6 A2|6 0.5 cM // 18979 /// ENSMUST00000002	Pon1	1.86391E-06	-4.23142	Week 2 down vs Week 1
10480139	NM_153155 // C1ql3 // C1q-like 3 // 2 A1 // 227580 /// NM_008961 // Pter // phos	C1ql3	1.36402E-09	-4.23138	Week 2 down vs Week 1
10440314	NM_178721 // Cadm2 // cell adhesion molecule 2 // 16 C1.3-C2 // 239857 /// NM_00	Cadm2	1.5432E-06	-4.22559	Week 2 down vs Week 1
10356712	NM_008440 // Kif1a // kinesin family member 1A // 1 E1-E2 // 16560 /// NM_001110	Kif1a	1.71411E-09	-4.21883	Week 2 down vs Week 1
10338716	---		9.43785E-10	-4.20136	Week 2 down vs Week 1
10522208	NM_011670 // Uchl1 // ubiquitin carboxy-terminal hydrolase L1 // 5 C3.1|5 36.0 c	Uchl1	3.22817E-07	-4.19973	Week 2 down vs Week 1
10559796	NM_008817 // Peg3 // paternally expressed 3 // 7 A2-B1|7 6.5 cM // 18616 /// ENS	Peg3	7.26501E-09	-4.19552	Week 2 down vs Week 1
10488387	NM_019632 // Napb // N-ethylmaleimide sensitive fusion protein attachment protei	Napb	4.44141E-08	-4.18888	Week 2 down vs Week 1
10365559	NM_010512 // Igf1 // insulin-like growth factor 1 // 10 C1|10 48.0 cM // 16000 /	Igf1	2.49821E-08	-4.18332	Week 2 down vs Week 1
10558740	XM_001480612 // Gm15542 // DnaJ-like protein // 7 F5|7 // 100043546	Gm15542	2.24768E-08	-4.17973	Week 2 down vs Week 1
10339109	---		1.65664E-06	-4.17184	Week 2 down vs Week 1
10340141	---		5.04661E-05	-4.17033	Week 2 down vs Week 1
10462912	NM_020278 // Lgi1 // leucine-rich repeat LGI family, member 1 // 19 C3 // 56839	Lgi1	4.39713E-07	-4.16934	Week 2 down vs Week 1
10492165	---		2.47594E-10	-4.1684	Week 2 down vs Week 1
10594973	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	4.59627E-05	-4.16787	Week 2 down vs Week 1
10397364	NM_145447 // Mfsd7c // major facilitator superfamily domain containing 7C // 12	Mfsd7c	1.31006E-08	-4.15478	Week 2 down vs Week 1
10471474	NM_021515 // Ak1 // adenylate kinase 1 // 2 B|2 21.6 cM // 11636 /// ENSMUST0000	Ak1	2.30116E-07	-4.15462	Week 2 down vs Week 1
10398420	---		1.949E-11	-4.15372	Week 2 down vs Week 1
10341589	---		0.000023972	-4.15253	Week 2 down vs Week 1
10426557	NM_021514 // Pfkm // phosphofructokinase, muscle // 15 F1 // 18642 /// ENSMUST00	Pfkm	3.53311E-08	-4.15209	Week 2 down vs Week 1
10342007	---		2.64349E-08	-4.14516	Week 2 down vs Week 1
10339035	---		2.58457E-08	-4.13904	Week 2 down vs Week 1
10341520	---		2.08259E-09	-4.13827	Week 2 down vs Week 1
10540838	NM_178703 // Slc6a1 // solute carrier family 6 (neurotransmitter transporter, GA	Slc6a1	2.65799E-05	-4.13167	Week 2 down vs Week 1
10490302	NM_001162922 // 2810021G02Rik // RIKEN cDNA 2810021G02 gene // 2 H4 // 353208 //	2810021G02Rik	3.85586E-09	-4.12278	Week 2 down vs Week 1

10485982	NM_009608 // Actc1 // actin, alpha, cardiac muscle 1 // 2 E4|2 64.0 cM // 11464	Actc1	0.000342925	-4.12123	Week 2 down vs Week 1
10592471	NM_172768 // Gramd1b // GRAM domain containing 1B // 9 B // 235283 /// ENSMUST00	Gramd1b	5.88207E-10	-4.1132	Week 2 down vs Week 1
10541496	NM_015776 // Mfap5 // microfibrillar associated protein 5 // 6 F1 // 50530 /// E	Mfap5	4.23998E-06	-4.11176	Week 2 down vs Week 1
10536363	NM_009311 // Tac1 // tachykinin 1 // 6 A1|6 5.0 cM // 21333 /// ENSMUST000000906	Tac1	5.06892E-10	-4.11154	Week 2 down vs Week 1
10440344	NM_175549 // Robo2 // roundabout homolog 2 (Drosophila) // 16 C3.1 // 268902 ///	Robo2	6.184E-12	-4.10703	Week 2 down vs Week 1
10343863	---		1.28624E-08	-4.10509	Week 2 down vs Week 1
10503198	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	5.69494E-07	-4.09347	Week 2 down vs Week 1
10340821	---		5.97256E-08	-4.09171	Week 2 down vs Week 1
10443830	NM_013501 // Cryaa // crystallin, alpha A // 17 A3-B|17 17.4 cM // 12954 /// ENS	Cryaa	0.0222204	-4.08962	Week 2 down vs Week 1
10338289	---		1.28456E-07	-4.08642	Week 2 down vs Week 1
10354955	NM_145143 // Mpp4 // membrane protein, palmitoylated 4 (MAGUK p55 subfamily memb	Mpp4	1.04108E-06	-4.08287	Week 2 down vs Week 1
10362005	NM_026203 // Ahi1 // Abelson helper integration site 1 // 10 A3|10 16.0 cM // 52	Ahi1	2.64799E-09	-4.0804	Week 2 down vs Week 1
10601778	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	8.1824E-11	-4.07487	Week 2 down vs Week 1
10358283	NM_133239 // Crb1 // crumbs homolog 1 (Drosophila) // 1 F|1 73.0 cM // 170788 //	Crb1	1.79441E-08	-4.07469	Week 2 down vs Week 1
10408935	ENSMUST00000099550 // Gm10786 // predicted gene 10786 // --- // 100038539	Gm10786	3.7295E-11	-4.05704	Week 2 down vs Week 1
10389759	NM_001080933 // Ankfn1 // ankyrin-repeat and fibronectin type III domain contain	Ankfn1	8.00541E-09	-4.05385	Week 2 down vs Week 1
10420532	NM_015803 // Atp8a2 // ATPase, aminophospholipid transporter-like, class I, type	Atp8a2	5.61091E-06	-4.05142	Week 2 down vs Week 1
10339785	---		2.79039E-07	-4.04774	Week 2 down vs Week 1
10540265	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	3.88758E-07	-4.04442	Week 2 down vs Week 1
10340307	---		6.74381E-05	-4.04211	Week 2 down vs Week 1
10557498	NM_026884 // Fam57b // family with sequence similarity 57, member B // 7 F4 // 6	Fam57b	8.14307E-06	-4.04072	Week 2 down vs Week 1
10531177	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	3.55927E-09	-4.0323	Week 2 down vs Week 1
10341041	---		1.01453E-07	-4.03218	Week 2 down vs Week 1
10598309	NM_019582 // Cacna1f // calcium channel, voltage-dependent, alpha 1F subunit //	Cacna1f	1.66462E-05	-4.01821	Week 2 down vs Week 1
10481592	NM_010065 // Dnm1 // dynamin 1 // 2 B|2 17.0 cM // 13429 /// ENSMUST00000091089	Dnm1	2.80325E-10	-4.01771	Week 2 down vs Week 1
10382376	NM_053273 // Ttyh2 // tweety homolog 2 (Drosophila) // 11 E2 // 117160 /// ENSMU	Ttyh2	6.411E-12	-4.01752	Week 2 down vs Week 1
10538802	BC047154 // A930038C07Rik // RIKEN cDNA A930038C07 gene // 6 C1 // 68169 /// NM_	A930038C07Rik	5.13679E-09	-4.01525	Week 2 down vs Week 1
10536845	NM_001081185 // Flnc // filamin C, gamma // 6 A3.3 // 68794 /// ENSMUST000000904	Flnc	2.33305E-07	-4.01507	Week 2 down vs Week 1
10551966	NM_001012401 // Hspb6 // heat shock protein, alpha-crystallin-related, B6 // 7 B	Hspb6	2.76855E-06	-4.01038	Week 2 down vs Week 1
10414003	AK136780 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_985917 // Gm626	Gm626	5.98791E-07	-4.00392	Week 2 down vs Week 1
10341472	---		2.80254E-07	-4.0018	Week 2 down vs Week 1
10413710	NM_027289 // Nt5dc2 // 5'-nucleotidase domain containing 2 // 14 B // 70021 ///	Nt5dc2	2.0287E-10	-3.99427	Week 2 down vs Week 1
10608716	---		9.4917E-07	-3.99208	Week 2 down vs Week 1
10339301	---		1.7201E-08	-3.98634	Week 2 down vs Week 1
10398416	---		2.625E-12	-3.9839	Week 2 down vs Week 1
10343586	---		2.49708E-08	-3.98354	Week 2 down vs Week 1
10500469	NM_001039376 // Pde4dip // phosphodiesterase 4D interacting protein (myomegalin)	Pde4dip	1.30026E-07	-3.98246	Week 2 down vs Week 1
10338643	---		2.50504E-07	-3.97689	Week 2 down vs Week 1
10339269	---		1.97478E-08	-3.97509	Week 2 down vs Week 1
10342796	---		8.31419E-07	-3.97455	Week 2 down vs Week 1
10436958	NM_172469 // Clic6 // chloride intracellular channel 6 // 16 C4 // 209195 /// EN	Clic6	7.0055E-08	-3.96798	Week 2 down vs Week 1
10476321	NM_023043 // Prnd // prion protein dublet // 2 F2|2 75.0 cM // 26434 /// NM_0011	Prnd	2.87484E-08	-3.96338	Week 2 down vs Week 1
10343680	---		1.89145E-08	-3.9627	Week 2 down vs Week 1
10346000	NM_028450 // Gulp1 // GULP, engulfment adaptor PTB domain containing 1 // 1 C1 /	Gulp1	1.07039E-08	-3.96203	Week 2 down vs Week 1
10400607	AK163637 // Mdga2 // MAM domain containing glycosylphosphatidylinositol anchor 2	Mdga2	6.72143E-06	-3.95979	Week 2 down vs Week 1
10513957	NM_011211 // Ptprd // protein tyrosine phosphatase, receptor type, D // 4 C3|4 3	Ptprd	2.99787E-10	-3.95807	Week 2 down vs Week 1
10429218	NM_177819 // Fam135b // family with sequence similarity 135, member B // 15 D3 /	Fam135b	2.67091E-07	-3.94695	Week 2 down vs Week 1
10598626	NM_019634 // Tspan7 // tetraspanin 7 // X A1.3-A2 // 21912 /// ENSMUST0000007635	Tspan7	2.48241E-10	-3.94649	Week 2 down vs Week 1
10341583	---		4.32539E-05	-3.9458	Week 2 down vs Week 1
10344194	---		3.36336E-08	-3.94263	Week 2 down vs Week 1
10341231	---		2.95433E-08	-3.93967	Week 2 down vs Week 1
10338581	---		2.50798E-07	-3.92887	Week 2 down vs Week 1
10569335	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	4.29589E-06	-3.92838	Week 2 down vs Week 1
10398388	---		7.75207E-10	-3.92224	Week 2 down vs Week 1
10419015	NM_130878 // Pcdh21 // protocadherin 21 // 14 B // 170677 /// ENSMUST00000022337	Pcdh21	2.84337E-05	-3.92181	Week 2 down vs Week 1
10342477	---		0.0002948	-3.92132	Week 2 down vs Week 1
10430140	NM_013593 // Mb // myoglobin // 15 D3|15 43.3 cM // 17189 /// ENSMUST00000019037	Mb	5.67682E-05	-3.91495	Week 2 down vs Week 1
10360270	NM_178405 // Atp1a2 // ATPase, Na+/K+ transporting, alpha 2 polypeptide // 1 H3|	Atp1a2	4.08019E-08	-3.90503	Week 2 down vs Week 1
10484197	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	8.66438E-10	-3.9047	Week 2 down vs Week 1
10339978	---		0.000339928	-3.90465	Week 2 down vs Week 1
10496251	NM_027208 // Bdh2 // 3-hydroxybutyrate dehydrogenase, type 2 // 3 H2 // 69772 //	Bdh2	2.19135E-08	-3.90287	Week 2 down vs Week 1
10428376	NM_009640 // Angpt1 // angiopoietin 1 // 15 B3.1|15 14.3 cM // 11600 /// ENSMUST	Angpt1	2.89326E-06	-3.90108	Week 2 down vs Week 1
10458999	NM_010181 // Fbn2 // fibrillin 2 // 18 D-E1|18 29.0 cM // 14119 /// ENSMUST00000	Fbn2	2.35727E-08	-3.89748	Week 2 down vs Week 1
10413993	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	9.07627E-06	-3.89433	Week 2 down vs Week 1
10484237	NM_178723 // Zfp385b // zinc finger protein 385B // 2 C3 // 241494 /// NM_001113	Zfp385b	6.09902E-09	-3.89428	Week 2 down vs Week 1

10341890	---		3.35281E-10	-3.89041	Week 2 down vs Week 1
10574985	NM_178798 // Slc7a6 // solute carrier family 7 (cationic amino acid transporter,	Slc7a6	3.4E-14	-3.88851	Week 2 down vs Week 1
10395553	NM_176930 // Nrcam // neuron-glia-CAM-related cell adhesion molecule // 12 B3 //	Nrcam	3.55957E-10	-3.88712	Week 2 down vs Week 1
10340376	---		9.46662E-08	-3.88354	Week 2 down vs Week 1
10583847	NM_178415 // Bbs9 // Bardet-Biedl syndrome 9 (human) // 9 A3 // 319845 /// NM_18	Bbs9	1.1842E-07	-3.88251	Week 2 down vs Week 1
10452295	NM_009451 // Tubb4 // tubulin, beta 4 // 17 D|17 34.5 cM // 22153 /// ENSMUST000	Tubb4	4.65122E-09	-3.87085	Week 2 down vs Week 1
10490602	NM_007906 // Eef1a2 // eukaryotic translation elongation factor 1 alpha 2 // 2 H	Eef1a2	1.41384E-07	-3.86903	Week 2 down vs Week 1
10388098	NM_053245 // Aipl1 // aryl hydrocarbon receptor-interacting protein-like 1 // 11	Aipl1	2.38275E-05	-3.86722	Week 2 down vs Week 1
10338455	---		4.97335E-07	-3.86415	Week 2 down vs Week 1
10339811	---		5.656E-11	-3.86351	Week 2 down vs Week 1
10420988	NM_009955 // Dpysl2 // dihydropyrimidinase-like 2 // 14 D1|14 28.2 cM // 12934 /	Dpysl2	2.93432E-08	-3.86343	Week 2 down vs Week 1
10413967	ENSMUST00000096028 // Gm626 // predicted gene 626 // 14 B // 268729	Gm626	0.000046678	-3.86143	Week 2 down vs Week 1
10342254	---		1.9626E-11	-3.8611	Week 2 down vs Week 1
10555946	NM_011421 // Smpd1 // sphingomyelin phosphodiesterase 1, acid lysosomal // 7 E3|	Smpd1	8.6723E-11	-3.85664	Week 2 down vs Week 1
10341409	---		2.38588E-10	-3.85462	Week 2 down vs Week 1
10554863	NM_001040085 // Sytl2 // synaptotagmin-like 2 // 7 E1 // 83671 /// NM_031394 //	Sytl2	7.24585E-07	-3.85412	Week 2 down vs Week 1
10604347	NM_053123 // Smarca1 // SWI/SNF related, matrix associated, actin dependent regu	Smarca1	7.61699E-09	-3.84929	Week 2 down vs Week 1
10371660	---		0.000438487	-3.84776	Week 2 down vs Week 1
10586246	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	5.56452E-10	-3.84771	Week 2 down vs Week 1
10478647	NM_020333 // Slc12a5 // solute carrier family 12, member 5 // 2 G2-G3 // 57138 /	Slc12a5	6.43755E-06	-3.84257	Week 2 down vs Week 1
10339389	---		1.35562E-10	-3.84057	Week 2 down vs Week 1
10414001	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	1.17739E-05	-3.83639	Week 2 down vs Week 1
10593842	NM_019793 // Tspan3 // tetraspanin 3 // 9 C // 56434 /// ENSMUST00000034876 // T	Tspan3	3.33815E-09	-3.83589	Week 2 down vs Week 1
10340579	---		6.784E-12	-3.8352	Week 2 down vs Week 1
10371916	ENSMUST00000067705 // 4930485B16Rik // RIKEN cDNA 4930485B16 gene // 10 C2 // 38	4930485B16Rik	2.6236E-07	-3.83502	Week 2 down vs Week 1
10496405	NM_177860 // Gm5105 // predicted gene 5105 // 3 G3|3 // 329763 /// ENSMUST000000	Gm5105	4.95708E-06	-3.83227	Week 2 down vs Week 1
10338384	---		0.000217272	-3.82731	Week 2 down vs Week 1
10472321	NM_033552 // Slc4a10 // solute carrier family 4, sodium bicarbonate cotransporte	Slc4a10	2.44084E-07	-3.82169	Week 2 down vs Week 1
10343185	---		1.33563E-08	-3.81962	Week 2 down vs Week 1
10341660	---		8.64419E-06	-3.81682	Week 2 down vs Week 1
10522749	NM_198702 // Lphn3 // latrophilin 3 // 5 D-E1 // 319387 /// ENSMUST00000072521 /	Lphn3	7.44E-13	-3.81665	Week 2 down vs Week 1
10339252	---		5.22894E-07	-3.81463	Week 2 down vs Week 1
10339826	---		9.51301E-10	-3.8141	Week 2 down vs Week 1
10351293	NM_019759 // Dpt // dermatopontin // 1 H2 // 56429 /// ENSMUST00000027861 // Dpt	Dpt	0.000130708	-3.81217	Week 2 down vs Week 1
10602692	NM_001004154 // Rragb // Ras-related GTP binding B // X F3 // 245670 /// BC06918	Rragb	1.10824E-07	-3.80575	Week 2 down vs Week 1
10339056	---		5.35546E-07	-3.80374	Week 2 down vs Week 1
10596200	NM_178638 // Tmem108 // transmembrane protein 108 // 9 F1 // 81907 /// ENSMUST00	Tmem108	2.15562E-10	-3.80038	Week 2 down vs Week 1
10338849	---		1.09822E-06	-3.79894	Week 2 down vs Week 1
10472549	NM_028284 // Bbs5 // Bardet-Biedl syndrome 5 (human) // 2 C3 // 72569 /// ENSMUS	Bbs5	1.23671E-07	-3.79848	Week 2 down vs Week 1
10343174	---		2.10565E-06	-3.79647	Week 2 down vs Week 1
10586591	NM_178396 // Car12 // carbonic anyhydrase 12 // 9 C // 76459 /// ENSMUST00000071	Car12	5.3172E-08	-3.7917	Week 2 down vs Week 1
10341840	---		7.24087E-08	-3.78831	Week 2 down vs Week 1
10581654	NM_007586 // Calb2 // calbindin 2 // 8 E1 // 12308 /// ENSMUST00000003754 // Cal	Calb2	0.000133339	-3.78169	Week 2 down vs Week 1
10430467	NM_020516 // Slc16a8 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a8	2.81431E-08	-3.78	Week 2 down vs Week 1
10503218	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.15618E-08	-3.77729	Week 2 down vs Week 1
10341578	---		3.75432E-06	-3.76189	Week 2 down vs Week 1
10341542	---		1.6656E-06	-3.75651	Week 2 down vs Week 1
10341441	---		2.68462E-07	-3.75327	Week 2 down vs Week 1
10559790	NM_011769 // Zim1 // zinc finger, imprinted 1 // 7 A1|7 6.5 cM // 22776 /// ENSM	Zim1	2.29161E-07	-3.74858	Week 2 down vs Week 1
10339289	---		0.000003783	-3.74425	Week 2 down vs Week 1
10362245	NM_013511 // Epb4.1l2 // erythrocyte protein band 4.1-like 2 // 10 A4|10 18.0 cM	Epb4.1l2	1.0856E-08	-3.74127	Week 2 down vs Week 1
10541968	NM_153589 // Ano2 // anoctamin 2 // 6 F3 // 243634 /// ENSMUST00000041000 // Ano	Ano2	5.00921E-06	-3.73417	Week 2 down vs Week 1
10360479	NM_001099637 // Cep170 // centrosomal protein 170 // 1 H4 // 545389 /// BC054781	Cep170	5.85184E-10	-3.73137	Week 2 down vs Week 1
10440329	AK038707 // 9330155M09Rik // RIKEN cDNA 9330155M09 gene // 16 C2 // 320756	9330155M09Rik	2.15507E-06	-3.72377	Week 2 down vs Week 1
10569972	NM_026058 // Lass4 // LAG1 homolog, ceramide synthase 4 // 8 A1.2 // 67260 /// E	Lass4	4.61708E-08	-3.72318	Week 2 down vs Week 1
10489759	NM_028072 // Sulf2 // sulfatase 2 // 2 H3 // 72043 /// ENSMUST00000109249 // Sul	Sulf2	5.72E-13	-3.72275	Week 2 down vs Week 1
10427496	NM_178748 // Egflam // EGF-like, fibronectin type III and laminin G domains // 1	Egflam	9.77285E-08	-3.71381	Week 2 down vs Week 1
10509901	NM_008546 // Mfap2 // microfibrillar-associated protein 2 // 4 D3-E1 // 17150 //	Mfap2	2.87697E-09	-3.70126	Week 2 down vs Week 1
10416082	NM_029979 // Trim35 // tripartite motif-containing 35 // 14 D1 // 66854 /// AF14	Trim35	1.6859E-09	-3.69965	Week 2 down vs Week 1
10484203	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	8.26595E-10	-3.69306	Week 2 down vs Week 1
10606609	NM_019656 // Tspan6 // tetraspanin 6 // X E3 // 56496 /// ENSMUST00000087557 //	Tspan6	1.85066E-07	-3.68909	Week 2 down vs Week 1
10343090	---		8.28141E-08	-3.68723	Week 2 down vs Week 1
10591135	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	8.48606E-10	-3.67089	Week 2 down vs Week 1
10446965	NM_207246 // Rasgrp3 // RAS, guanyl releasing protein 3 // 17 E2 // 240168 /// E	Rasgrp3	9.95713E-05	-3.66853	Week 2 down vs Week 1
10420013	NM_008736 // Nrl // neural retina leucine zipper gene // 14 C3|14 19.5 cM // 181	Nrl	1.03755E-05	-3.66817	Week 2 down vs Week 1

10411107	ENSMUST00000062122 // Cmya5 // cardiomyopathy associated 5 // 13 C3 // 76469 ///	Cmya5	1.67665E-05	-3.66813	Week 2 down vs Week 1
10355984	NM_009255 // Serpine2 // serine (or cysteine) peptidase inhibitor, clade E, memb	Serpine2	6.50694E-06	-3.66637	Week 2 down vs Week 1
10586248	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	3.7825E-11	-3.66508	Week 2 down vs Week 1
10343281	---		6.4266E-07	-3.66172	Week 2 down vs Week 1
10338694	---		3.60041E-06	-3.65005	Week 2 down vs Week 1
10586118	NM_138304 // Calml4 // calmodulin-like 4 // 9 B // 75600 /// NM_001102468 // Cal	Calml4	1.777E-12	-3.64896	Week 2 down vs Week 1
10602677	NM_010951 // Gpr143 // G protein-coupled receptor 143 // X F2-F3|X 65.0 cM // 18	Gpr143	2.38932E-08	-3.64678	Week 2 down vs Week 1
10360349	NM_053199 // Cadm3 // cell adhesion molecule 3 // 1 H3 // 94332 /// ENSMUST00000	Cadm3	9.2441E-09	-3.64338	Week 2 down vs Week 1
10601942	NM_013724 // Nrk // Nik related kinase // X F1|X 53.0 cM // 27206 /// ENSMUST000	Nrk	2.68024E-08	-3.64237	Week 2 down vs Week 1
10338862	---		7.44402E-07	-3.64078	Week 2 down vs Week 1
10338149	---		5.23334E-07	-3.63608	Week 2 down vs Week 1
10446334	NM_133236 // Glcci1 // glucocorticoid induced transcript 1 // 6 A1 // 170772 ///	Glcci1	1.93263E-10	-3.63279	Week 2 down vs Week 1
10343239	---		2.72203E-08	-3.62964	Week 2 down vs Week 1
10538658	NM_028705 // Herc3 // hect domain and RLD 3 // 6 B3 // 73998 /// ENSMUST00000041	Herc3	3.49302E-07	-3.62891	Week 2 down vs Week 1
10524684	NM_008629 // Msi1 // Musashi homolog 1(Drosophila) // --- // 17690 /// ENSMUST00	Msi1	8.21088E-07	-3.6256	Week 2 down vs Week 1
10343985	---		1.2938E-08	-3.62453	Week 2 down vs Week 1
10571384	ENSMUST00000068999 // Efha2 // EF-hand domain family, member A2 // 8 A4 // 78506	Efha2	9.97E-13	-3.6215	Week 2 down vs Week 1
10338419	---		1.57115E-09	-3.61632	Week 2 down vs Week 1
10594144	NM_175325 // Bbs4 // Bardet-Biedl syndrome 4 (human) // 9 B|9 33.0 cM // 102774	Bbs4	5.00327E-09	-3.61255	Week 2 down vs Week 1
10412921	NM_008695 // Nid2 // nidogen 2 // 14 A3 // 18074 /// ENSMUST00000022340 // Nid2	Nid2	5.40531E-08	-3.61043	Week 2 down vs Week 1
10553477	NM_177694 // Ano5 // anoctamin 5 // 7 B5 // 233246 /// ENSMUST00000043944 // Ano	Ano5	6.10714E-06	-3.6063	Week 2 down vs Week 1
10407481	NM_019703 // Pfkp // phosphofructokinase, platelet // 13 A1 // 56421 /// ENSMUST	Pfkp	1.32309E-09	-3.60469	Week 2 down vs Week 1
10343406	---		5.60501E-07	-3.59992	Week 2 down vs Week 1
10396421	NM_010431 // Hif1a // hypoxia inducible factor 1, alpha subunit // 12 C3|12 31.0	Hif1a	5.5459E-10	-3.59687	Week 2 down vs Week 1
10569341	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	1.73775E-06	-3.59317	Week 2 down vs Week 1
10494643	NM_008256 // Hmgcs2 // 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 // 3 F2.	Hmgcs2	1.92245E-09	-3.59136	Week 2 down vs Week 1
10608667	---		5.9807E-11	-3.58934	Week 2 down vs Week 1
10538206	NM_175098 // Ccdc126 // coiled-coil domain containing 126 // 6 B2.3 // 57895 ///	Ccdc126	3.28752E-07	-3.58783	Week 2 down vs Week 1
10593947	NM_146223 // Cplx3 // complexin 3 // 9 B // 235415 /// ENSMUST00000045068 // Cpl	Cplx3	4.84923E-06	-3.58762	Week 2 down vs Week 1
10400989	NM_172805 // Kcnh5 // potassium voltage-gated channel, subfamily H (eag-related)	Kcnh5	1.91486E-07	-3.58038	Week 2 down vs Week 1
10343925	---		9.9139E-07	-3.58034	Week 2 down vs Week 1
10476395	NM_007553 // Bmp2 // bone morphogenetic protein 2 // 2 F2|2 76.1 cM // 12156 ///	Bmp2	9.18813E-08	-3.57807	Week 2 down vs Week 1
10481711	NM_001113569 // Stxbp1 // syntaxin binding protein 1 // 2 B|2 24.0 cM // 20910 /	Stxbp1	1.43714E-06	-3.57465	Week 2 down vs Week 1
10422321	NM_025943 // Dzip1 // DAZ interacting protein 1 // 14 E4 // 66573 /// ENSMUST000	Dzip1	1.5725E-11	-3.57411	Week 2 down vs Week 1
10506360	NM_144906 // Sgip1 // SH3-domain GRB2-like (endophilin) interacting protein 1 //	Sgip1	2.2353E-07	-3.56033	Week 2 down vs Week 1
10343695	---		2.02328E-08	-3.55725	Week 2 down vs Week 1
10596931	NM_031392 // Wdr6 // WD repeat domain 6 // 9 F2 // 83669 /// ENSMUST00000068700	Wdr6	3.2842E-11	-3.55471	Week 2 down vs Week 1
10394593	NM_029758 // Fam49a // family with sequence similarity 49, member A // 12 A1.1 /	Fam49a	6.22267E-09	-3.5547	Week 2 down vs Week 1
10587829	NM_001142916 // Plod2 // procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 // 9	Plod2	3.06891E-10	-3.55116	Week 2 down vs Week 1
10600604	NM_007868 // Dmd // dystrophin, muscular dystrophy // X C|X 32.0 cM // 13405 ///	Dmd	1.74449E-07	-3.55056	Week 2 down vs Week 1
10338866	---		4.31685E-06	-3.55039	Week 2 down vs Week 1
10398432	---		5.5081E-11	-3.55011	Week 2 down vs Week 1
10578539	NM_007450 // Slc25a4 // solute carrier family 25 (mitochondrial carrier, adenine	Slc25a4	4.5244E-11	-3.54993	Week 2 down vs Week 1
10341820	---		0.000188109	-3.54974	Week 2 down vs Week 1
10398354	---		3.29998E-07	-3.54702	Week 2 down vs Week 1
10362458	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.84231E-05	-3.54533	Week 2 down vs Week 1
10347033	NM_027010 // Crygf // crystallin, gamma F // 1 C3|1 32.0 cM // 12969 /// ENSMUST	Crygf	0.00068896	-3.54134	Week 2 down vs Week 1
10341416	---		2.81565E-06	-3.541	Week 2 down vs Week 1
10594066	NM_010729 // Loxl1 // lysyl oxidase-like 1 // 9 B|9 33.0 cM // 16949 /// ENSMUST	Loxl1	3.11953E-07	-3.53848	Week 2 down vs Week 1
10405063	NM_008760 // Ogn // osteoglycin // 13 A5 // 18295 /// ENSMUST00000021822 // Ogn	Ogn	3.46968E-05	-3.53298	Week 2 down vs Week 1
10466779	NM_008846 // Pip5k1b // phosphatidylinositol-4-phosphate 5-kinase, type 1 beta /	Pip5k1b	7.69113E-07	-3.52979	Week 2 down vs Week 1
10599324	NM_133690 // Atp1b4 // ATPase, (Na+)/K+ transporting, beta 4 polypeptide // X A2	Atp1b4	3.96735E-07	-3.52921	Week 2 down vs Week 1
10578572	NM_001114311 // Stox2 // storkhead box 2 // 8 B1.1 // 71069 /// NM_175162 // Sto	Stox2	8.7267E-11	-3.51971	Week 2 down vs Week 1
10340417	---		2.97986E-09	-3.51724	Week 2 down vs Week 1
10375259	NM_008070 // Gabrb2 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 2	Gabrb2	3.77868E-09	-3.51489	Week 2 down vs Week 1
10339915	---		5.39728E-08	-3.51269	Week 2 down vs Week 1
10601303	NM_009767 // Chic1 // cysteine-rich hydrophobic domain 1 // X D|X 42.3 cM // 122	Chic1	1.22765E-10	-3.51042	Week 2 down vs Week 1
10451851	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	3.21586E-10	-3.50982	Week 2 down vs Week 1
10503194	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.72365E-08	-3.50219	Week 2 down vs Week 1
10455108	NM_053141 // Pcdhb16 // protocadherin beta 16 // 18 B3 // 93887 /// ENSMUST00000	Pcdhb16	2.2172E-11	-3.50033	Week 2 down vs Week 1
10501778	NM_019550 // Ptbp2 // polypyrimidine tract binding protein 2 // 3 G1 // 56195 //	Ptbp2	3.1415E-11	-3.49904	Week 2 down vs Week 1
10339171	---		7.61408E-05	-3.49747	Week 2 down vs Week 1
10547613	NM_027664 // Rimklb // ribosomal modification protein rimK-like family member B	Rimklb	3.85381E-08	-3.49235	Week 2 down vs Week 1
10573979	NM_010308 // Gnao1 // guanine nucleotide binding protein, alpha O // 8 C5|8 45.0	Gnao1	1.16121E-07	-3.48971	Week 2 down vs Week 1
10492021	NM_015784 // Postn // periostin, osteoblast specific factor // 3 C // 50706 ///	Postn	1.31005E-06	-3.48544	Week 2 down vs Week 1

10339703	---		5.09245E-07	-3.48217	Week 2 down vs Week 1
10343944	---		2.0212E-06	-3.48108	Week 2 down vs Week 1
10342439	---		9.40059E-07	-3.47955	Week 2 down vs Week 1
10606735	NM_026139 // Armcx2 // armadillo repeat containing, X-linked 2 // X E3 // 67416	Armcx2	5.8712E-11	-3.47871	Week 2 down vs Week 1
10398402	---		1.21E-13	-3.47201	Week 2 down vs Week 1
10544875	NM_027268 // Scrn1 // secernin 1 // 6 B3 // 69938 /// ENSMUST00000019268 // Scrn	Scrn1	3.437E-12	-3.47185	Week 2 down vs Week 1
10572024	NM_023689 // Spock3 // sparc/osteonectin, cwcv and kazal-like domains proteoglyc	Spock3	1.34E-13	-3.46404	Week 2 down vs Week 1
10498448	NM_183191 // Plch1 // phospholipase C, eta 1 // 3 E1 // 269437 /// ENSMUST000000	Plch1	2.6582E-08	-3.46347	Week 2 down vs Week 1
10358535	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.68761E-05	-3.4614	Week 2 down vs Week 1
10343628	---		0.00116285	-3.45908	Week 2 down vs Week 1
10341516	---		0.000061491	-3.45345	Week 2 down vs Week 1
10341401	---		2.55159E-06	-3.45115	Week 2 down vs Week 1
10532592	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	1.18125E-05	-3.44767	Week 2 down vs Week 1
10339409	---		1.55303E-06	-3.4474	Week 2 down vs Week 1
10603266	NM_001031664 // Nudt10 // nudix (nucleoside diphosphate linked moiety X)-type mo	Nudt10	4.1064E-08	-3.44637	Week 2 down vs Week 1
10497276	NM_029310 // Fabp12 // fatty acid binding protein 12 // 3 A1 // 75497 /// ENSMUS	Fabp12	1.73301E-05	-3.43968	Week 2 down vs Week 1
10507594	NM_011400 // Slc2a1 // solute carrier family 2 (facilitated glucose transporter)	Slc2a1	9.04569E-09	-3.43959	Week 2 down vs Week 1
10339577	---		2.6704E-08	-3.43847	Week 2 down vs Week 1
10595480	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	6.50893E-10	-3.43623	Week 2 down vs Week 1
10374842	NM_176841 // Ccdc88a // coiled coil domain containing 88A // 11 A3.3 // 108686 /	Ccdc88a	2.35226E-09	-3.43308	Week 2 down vs Week 1
10338693	---		8.27997E-06	-3.43298	Week 2 down vs Week 1
10341042	---		1.51469E-07	-3.43015	Week 2 down vs Week 1
10594967	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.000479105	-3.4289	Week 2 down vs Week 1
10439798	NM_001110017 // Dzip3 // DAZ interacting protein 3, zinc finger // 16 B5 // 2241	Dzip3	1.2724E-11	-3.42402	Week 2 down vs Week 1
10358577	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	5.38809E-06	-3.42324	Week 2 down vs Week 1
10342635	---		6.46257E-08	-3.42248	Week 2 down vs Week 1
10462303	NM_183179 // Kcnv2 // potassium channel, subfamily V, member 2 // 19 C1 // 24059	Kcnv2	0.000120125	-3.41391	Week 2 down vs Week 1
10344005	---		2.82231E-06	-3.41375	Week 2 down vs Week 1
10549504	NM_177192 // Dennd5b // DENN/MADD domain containing 5B // 6 G3 // 320560 /// ENS	Dennd5b	5.301E-12	-3.4133	Week 2 down vs Week 1
10343145	---		1.9234E-11	-3.41327	Week 2 down vs Week 1
10358597	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	7.45369E-07	-3.41271	Week 2 down vs Week 1
10420616	NM_011892 // Sgcg // sarcoglycan, gamma (dystrophin-associated glycoprotein) //	Sgcg	6.55868E-06	-3.41147	Week 2 down vs Week 1
10341097	---		4.63526E-07	-3.40969	Week 2 down vs Week 1
10522976	NM_027530 // Rufy3 // RUN and FYVE domain containing 3 // 5 E1|5 48.0 cM // 5282	Rufy3	2.70652E-08	-3.40377	Week 2 down vs Week 1
10595306	NM_022016 // Impg1 // interphotoreceptor matrix proteoglycan 1 // 9 E1|9 42.5 cM	Impg1	6.45405E-05	-3.39639	Week 2 down vs Week 1
10338759	---		4.54733E-07	-3.39597	Week 2 down vs Week 1
10340034	---		1.00743E-10	-3.39478	Week 2 down vs Week 1
10342234	---		4.33286E-06	-3.39326	Week 2 down vs Week 1
10341152	---		6.81992E-07	-3.39309	Week 2 down vs Week 1
10339712	---		4.55445E-05	-3.39247	Week 2 down vs Week 1
10428515	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	1.10933E-06	-3.39242	Week 2 down vs Week 1
10380303	NM_028296 // Car10 // carbonic anhydrase 10 // 11 C // 72605 /// ENSMUST00000042	Car10	2.59414E-05	-3.39214	Week 2 down vs Week 1
10339690	---		2.83278E-06	-3.39202	Week 2 down vs Week 1
10341606	---		2.7862E-07	-3.39159	Week 2 down vs Week 1
10340650	---		0.000892539	-3.3915	Week 2 down vs Week 1
10342875	---		2.39463E-07	-3.38696	Week 2 down vs Week 1
10361771	NM_009538 // Plagl1 // pleiomorphic adenoma gene-like 1 // 10 A2|10 15.0 cM // 2	Plagl1	3.42152E-07	-3.38531	Week 2 down vs Week 1
10338948	---		1.06854E-06	-3.38362	Week 2 down vs Week 1
10339750	---		1.78681E-05	-3.38081	Week 2 down vs Week 1
10531195	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	3.64061E-07	-3.37949	Week 2 down vs Week 1
10342872	---		1.61381E-07	-3.37718	Week 2 down vs Week 1
10503222	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.18409E-07	-3.37605	Week 2 down vs Week 1
10362450	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.43831E-06	-3.37593	Week 2 down vs Week 1
10373093	NM_030714 // Dtx3 // deltex 3 homolog (Drosophila) // 10 D3 // 80904 /// ENSMUST	Dtx3	1.24338E-08	-3.37022	Week 2 down vs Week 1
10595211	NM_007730 // Col12a1 // collagen, type XII, alpha 1 // 9 E1|9 43.0 cM // 12816 /	Col12a1	0.000024178	-3.36924	Week 2 down vs Week 1
10499431	NM_018804 // Syt11 // synaptotagmin XI // 3 F1 // 229521 /// ENSMUST00000107505	Syt11	1.71706E-06	-3.36866	Week 2 down vs Week 1
10340883	---		1.36859E-05	-3.36417	Week 2 down vs Week 1
10586865	NM_009022 // Aldh1a2 // aldehyde dehydrogenase family 1, subfamily A2 // 9 D|9 4	Aldh1a2	2.26344E-06	-3.36387	Week 2 down vs Week 1
10413991	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	7.09382E-05	-3.36265	Week 2 down vs Week 1
10398412	---		5.27122E-08	-3.36037	Week 2 down vs Week 1
10388884	NM_008702 // Nlk // nemo like kinase // 11 B5 // 18099 /// BC058652 // Nlk // ne	Nlk	2.07657E-08	-3.36016	Week 2 down vs Week 1
10341679	---		5.71997E-08	-3.35427	Week 2 down vs Week 1
10341716	---		2.40253E-06	-3.35337	Week 2 down vs Week 1
10484207	NM_001025576 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545428 //	2610301F02Rik	2.02219E-09	-3.35311	Week 2 down vs Week 1
10601834	NM_001163015 // Gprasp2 // G protein-coupled receptor associated sorting protein	Gprasp2	2.86034E-09	-3.3487	Week 2 down vs Week 1

10406676	NM_172589 // Lhfpl2 // lipoma HMGIC fusion partner-like 2 // 13 D1 // 218454 ///	Lhfpl2	6.52581E-09	-3.34143	Week 2 down vs Week 1
10342637	---		1.32535E-06	-3.34123	Week 2 down vs Week 1
10355199	NM_144761 // Crygb // crystallin, gamma B // 1 C2|1 32.0 cM // 12965 /// NM_1447	Crygb	0.0176619	-3.33913	Week 2 down vs Week 1
10425287	NM_134090 // Kdelr3 // KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein rete	Kdelr3	4.6724E-08	-3.33865	Week 2 down vs Week 1
10338205	---		9.97453E-09	-3.3357	Week 2 down vs Week 1
10342835	---		0.0028122	-3.33508	Week 2 down vs Week 1
10343895	---		8.36136E-09	-3.33311	Week 2 down vs Week 1
10463263	NM_033322 // Lztfl1 // leucine zipper transcription factor-like 1 // 9 F|9 71.1	Lztfl1	9.74289E-10	-3.32835	Week 2 down vs Week 1
10484195	ENSMUST00000099980 // Ttn // titin // 2 D|2 44.0 cM // 22138	Ttn	2.96548E-05	-3.32795	Week 2 down vs Week 1
10340832	---		4.88903E-08	-3.32652	Week 2 down vs Week 1
10338959	---		0.000303246	-3.32531	Week 2 down vs Week 1
10540359	NM_001109749 // Cntn4 // contactin 4 // 6 E2 // 269784 /// NM_173004 // Cntn4 //	Cntn4	4.9327E-08	-3.32451	Week 2 down vs Week 1
10476314	NM_011170 // Prnp // prion protein // 2 F2|2 75.0 cM // 19122 /// ENSMUST0000009	Prnp	1.7885E-11	-3.32353	Week 2 down vs Week 1
10343462	---		3.04791E-07	-3.32086	Week 2 down vs Week 1
10549222	NM_001024468 // Bcat1 // branched chain aminotransferase 1, cytosolic // 6 G3|6	Bcat1	6.25162E-08	-3.315	Week 2 down vs Week 1
10526055	NM_008095 // Gbas // glioblastoma amplified sequence // 5 G1.3 // 14467 /// ENSM	Gbas	1.29672E-10	-3.31421	Week 2 down vs Week 1
10485979	NM_010290 // Gjd2 // gap junction protein, delta 2 // 2 F3 // 14617 /// ENSMUST0	Gjd2	3.85608E-05	-3.31408	Week 2 down vs Week 1
10406504	NM_001037987 // Edil3 // EGF-like repeats and discoidin I-like domains 3 // ---	Edil3	1.10526E-07	-3.3106	Week 2 down vs Week 1
10601878	NM_146236 // Tceal1 // transcription elongation factor A (SII)-like 1 // X F1 //	Tceal1	3.19E-13	-3.31031	Week 2 down vs Week 1
10339396	---		5.50579E-07	-3.30735	Week 2 down vs Week 1
10344349	---		4.17986E-05	-3.30323	Week 2 down vs Week 1
10344135	---		9.95263E-06	-3.30281	Week 2 down vs Week 1
10455071	NM_053132 // Pcdhb7 // protocadherin beta 7 // 18 B3 // 93878 /// ENSMUST0000005	Pcdhb7	2.50887E-09	-3.3025	Week 2 down vs Week 1
10593927	NM_020270 // Scamp5 // secretory carrier membrane protein 5 // 9 B // 56807 ///	Scamp5	1.19645E-07	-3.30231	Week 2 down vs Week 1
10424781	NM_023168 // Grina // glutamate receptor, ionotropic, N-methyl D-aspartate-assoc	Grina	5.18102E-10	-3.30117	Week 2 down vs Week 1
10372230	NM_008657 // Myf6 // myogenic factor 6 // 10 D1|10 59.0 cM // 17878 /// ENSMUST0	Myf6	0.00081541	-3.30069	Week 2 down vs Week 1
10339795	---		4.21996E-09	-3.2985	Week 2 down vs Week 1
10492136	NM_019978 // Dclk1 // doublecortin-like kinase 1 // 3 D // 13175 /// NM_00111105	Dclk1	5.1573E-11	-3.29848	Week 2 down vs Week 1
10604633	NM_001018063 // Cxx1b // CAAX box 1 homolog B (human) // X A5 // 553127 /// NM_0	Cxx1b	1.87458E-09	-3.29639	Week 2 down vs Week 1
10384398	NM_010345 // Grb10 // growth factor receptor bound protein 10 // 11 A1|11 8.0 cM	Grb10	3.63546E-07	-3.29541	Week 2 down vs Week 1
10455942	BC075669 // A730017C20Rik // RIKEN cDNA A730017C20 gene // 18 D3 // 225583 /// N	A730017C20Rik	6.95555E-07	-3.29443	Week 2 down vs Week 1
10439766	NM_021496 // Pvrl3 // poliovirus receptor-related 3 // 16 B5 // 58998 /// NM_021	Pvrl3	2.8796E-07	-3.29425	Week 2 down vs Week 1
10447951	NM_011581 // Thbs2 // thrombospondin 2 // 17 8.1 cM // 21826 /// ENSMUST00000024	Thbs2	1.88807E-05	-3.2942	Week 2 down vs Week 1
10605181	NM_023132 // Renbp // renin binding protein // X A7.3|X 29.53 cM // 19703 /// EN	Renbp	6.87165E-08	-3.29397	Week 2 down vs Week 1
10492640	NM_178673 // Fstl5 // follistatin-like 5 // 3 E3 // 213262 /// ENSMUST0000003836	Fstl5	3.77032E-05	-3.29287	Week 2 down vs Week 1
10455112	NM_053142 // Pcdhb17 // protocadherin beta 17 // 18 B3 // 93888 /// ENSMUST00000	Pcdhb17	1.4268E-11	-3.29035	Week 2 down vs Week 1
10341523	---		3.46263E-06	-3.29001	Week 2 down vs Week 1
10451665	NM_009694 // Apobec2 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec2	6.79703E-05	-3.28878	Week 2 down vs Week 1
10599001	NM_007429 // Agtr2 // angiotensin II receptor, type 2 // X A2|X 12.5 cM // 11609	Agtr2	1.17565E-07	-3.28877	Week 2 down vs Week 1
10449435	NM_021478 // Tulp1 // tubby like protein 1 // 17 A3.3 // 22157 /// ENSMUST000000	Tulp1	0.00002294	-3.2833	Week 2 down vs Week 1
10544941	NM_001159953 // Pde1c // phosphodiesterase 1C // 6 B3|6 27.0 cM // 18575 /// NM_	Pde1c	3.48283E-10	-3.27883	Week 2 down vs Week 1
10495243	NM_010360 // Gstm5 // glutathione S-transferase, mu 5 // 3 F2.3 // 14866 /// ENS	Gstm5	2.63914E-10	-3.27545	Week 2 down vs Week 1
10344133	---		1.92392E-07	-3.27406	Week 2 down vs Week 1
10341079	---		1.89398E-07	-3.2728	Week 2 down vs Week 1
10340011	---		2.91436E-07	-3.27172	Week 2 down vs Week 1
10543319	NM_138587 // Fam3c // family with sequence similarity 3, member C // 6 A3.1|6 2.	Fam3c	4.88079E-09	-3.27028	Week 2 down vs Week 1
10530870	NM_007937 // Epha5 // Eph receptor A5 // 5 E1|5 43.0 cM // 13839 /// ENSMUST0000	Epha5	1.62205E-09	-3.26794	Week 2 down vs Week 1
10578017	AK035883 // Gm9911 // predicted gene 9911 // --- // 100101427	Gm9911	3.01378E-06	-3.26625	Week 2 down vs Week 1
10343273	---		4.73317E-06	-3.25978	Week 2 down vs Week 1
10344043	---		4.38068E-07	-3.25889	Week 2 down vs Week 1
10343527	---		1.30706E-06	-3.25556	Week 2 down vs Week 1
10342141	---		3.65885E-07	-3.25503	Week 2 down vs Week 1
10358615	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.9201E-07	-3.25061	Week 2 down vs Week 1
10443459	NM_013663 // Sfrs3 // splicing factor, arginine/serine-rich 3 (SRp20) // 17 A3.3	Sfrs3	4.98125E-08	-3.24837	Week 2 down vs Week 1
10339814	---		4.66441E-05	-3.24548	Week 2 down vs Week 1
10397835	NM_172152 // Slc24a4 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a4	6.76588E-09	-3.2438	Week 2 down vs Week 1
10380289	NM_026178 // Mmd // monocyte to macrophage differentiation-associated // 11 C //	Mmd	1.26803E-08	-3.24111	Week 2 down vs Week 1
10536667	NM_001081306 // Ptprz1 // protein tyrosine phosphatase, receptor type Z, polypep	Ptprz1	4.81891E-07	-3.23984	Week 2 down vs Week 1
10429160	NM_009177 // St3gal1 // ST3 beta-galactoside alpha-2,3-sialyltransferase 1 // 15	St3gal1	1.92435E-10	-3.2398	Week 2 down vs Week 1
10339486	---		6.92984E-06	-3.23837	Week 2 down vs Week 1
10515960	NM_001081142 // Kcnq4 // potassium voltage-gated channel, subfamily Q, member 4	Kcnq4	3.90402E-09	-3.23627	Week 2 down vs Week 1
10581013	NM_009866 // Cdh11 // cadherin 11 // 8 D2|8 46.5 cM // 12552 /// ENSMUST00000075	Cdh11	1.75913E-06	-3.23495	Week 2 down vs Week 1
10339413	---		2.38511E-07	-3.22982	Week 2 down vs Week 1
10556076	NM_172907 // Olfml1 // olfactomedin-like 1 // 7 E3 // 244198 /// ENSMUST00000062	Olfml1	1.35589E-08	-3.22908	Week 2 down vs Week 1
10497731	NM_026222 // Ccdc39 // coiled-coil domain containing 39 // 3 A3 // 51938 /// NM_	Ccdc39	1.2826E-11	-3.22575	Week 2 down vs Week 1

10341216	---		4.62505E-05	-3.22469	Week 2 down vs Week 1
10338473	---		7.55915E-09	-3.22435	Week 2 down vs Week 1
10338596	---		2.39898E-08	-3.22321	Week 2 down vs Week 1
10595094	NM_027150 // 2310046A06Rik // RIKEN cDNA 2310046A06 gene // 9 E1 // 69642 /// EN	2310046A06Rik	6.08522E-05	-3.22264	Week 2 down vs Week 1
10502131	XM_914534 // Lrit3 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit3	1.2464E-06	-3.22256	Week 2 down vs Week 1
10420155	NM_026819 // Dhrs1 // dehydrogenase/reductase (SDR family) member 1 // 14 C3|14	Dhrs1	2.40885E-07	-3.21812	Week 2 down vs Week 1
10342578	---		7.18418E-06	-3.21803	Week 2 down vs Week 1
10538082	NM_133764 // Atp6v0e2 // ATPase, H+ transporting, lysosomal V0 subunit E2 // 6 B	Atp6v0e2	4.18043E-08	-3.21734	Week 2 down vs Week 1
10341326	---		8.98054E-06	-3.21428	Week 2 down vs Week 1
10352576	NM_011935 // Esrrg // estrogen-related receptor gamma // 1 H6 // 26381 /// ENSMU	Esrrg	1.66204E-09	-3.21389	Week 2 down vs Week 1
10503866	NM_008075 // Gabrr1 // gamma-aminobutyric acid (GABA) C receptor, subunit rho 1	Gabrr1	0.000190375	-3.21124	Week 2 down vs Week 1
10416175	NM_010910 // Nefl // neurofilament, light polypeptide // 14 D3 // 18039 /// ENSM	Nefl	2.04471E-06	-3.21079	Week 2 down vs Week 1
10371356	NM_145220 // Appl2 // adaptor protein, phosphotyrosine interaction, PH domain an	Appl2	7.49868E-08	-3.20824	Week 2 down vs Week 1
10385297	NM_010250 // Gabra1 // gamma-aminobutyric acid (GABA) A receptor, subunit alpha	Gabra1	0.000105219	-3.20699	Week 2 down vs Week 1
10458293	NM_029669 // Dnajc18 // DnaJ (Hsp40) homolog, subfamily C, member 18 // 18 B3 //	Dnajc18	1.1631E-11	-3.20539	Week 2 down vs Week 1
10339335	---		2.42985E-08	-3.20285	Week 2 down vs Week 1
10342252	---		7.86287E-08	-3.20242	Week 2 down vs Week 1
10564237	ENSMUST00000054860 // Gm9801 // predicted gene 9801 // 7 C|7 // 330552	Gm9801	1.554E-12	-3.20203	Week 2 down vs Week 1
10343671	---		4.36019E-06	-3.20166	Week 2 down vs Week 1
10343755	---		4.55489E-06	-3.19941	Week 2 down vs Week 1
10350247	NM_001039472 // Kif21b // kinesin family member 21B // 1 E4|1 76.0 cM // 16565 /	Kif21b	1.25496E-06	-3.19467	Week 2 down vs Week 1
10454254	NM_207650 // Dtna // dystrobrevin alpha // 18 A2|18 18.0 cM // 13527 /// NM_0100	Dtna	1.42648E-10	-3.19444	Week 2 down vs Week 1
10344351	---		1.04981E-06	-3.19339	Week 2 down vs Week 1
10389719	NM_029023 // Scpep1 // serine carboxypeptidase 1 // 11 C // 74617 /// ENSMUST000	Scpep1	7.15149E-08	-3.19198	Week 2 down vs Week 1
10603598	NM_011285 // Rpgr // retinitis pigmentosa GTPase regulator // X A1.1 // 19893 //	Rpgr	3.53855E-08	-3.18937	Week 2 down vs Week 1
10340125	---		1.47003E-06	-3.18918	Week 2 down vs Week 1
10457614	NM_009700 // Aqp4 // aquaporin 4 // 18 A1|18 6.0 cM // 11829 /// ENSMUST00000079	Aqp4	2.16883E-08	-3.18712	Week 2 down vs Week 1
10344026	---		6.87326E-07	-3.18645	Week 2 down vs Week 1
10411519	NM_008634 // Mtap1b // microtubule-associated protein 1B // 13 D1|13 51.0 cM //	Mtap1b	1.25992E-07	-3.18522	Week 2 down vs Week 1
10564235	---		3.73652E-08	-3.18262	Week 2 down vs Week 1
10363860	NM_025807 // Slc16a9 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a9	6.25928E-08	-3.18055	Week 2 down vs Week 1
10532574	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	5.71251E-06	-3.18048	Week 2 down vs Week 1
10545283	NM_001160127 // Smyd1 // SET and MYND domain containing 1 // 6 C1|6 30.5 cM // 1	Smyd1	0.000093323	-3.17687	Week 2 down vs Week 1
10591978	NM_172290 // Ntm // neurotrimin // 9 A4 // 235106 /// ENSMUST00000075069 // Ntm	Ntm	5.95452E-08	-3.17595	Week 2 down vs Week 1
10502770	NM_001081298 // Lphn2 // latrophilin 2 // 3 H3 // 99633 /// ENSMUST00000106127 /	Lphn2	9.92993E-06	-3.17551	Week 2 down vs Week 1
10395702	NM_198111 // Akap6 // A kinase (PRKA) anchor protein 6 // 12 C1 // 238161 /// EN	Akap6	4.07647E-08	-3.17306	Week 2 down vs Week 1
10342255	---		7.71441E-06	-3.17248	Week 2 down vs Week 1
10338665	---		2.21666E-08	-3.17136	Week 2 down vs Week 1
10343404	---		2.704E-12	-3.17119	Week 2 down vs Week 1
10587255	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	1.36261E-05	-3.16988	Week 2 down vs Week 1
10554269	NM_018811 // Abhd2 // abhydrolase domain containing 2 // 7 D2 // 54608 /// ENSMU	Abhd2	8.0058E-09	-3.16957	Week 2 down vs Week 1
10374083	NM_009636 // Aebp1 // AE binding protein 1 // 11 A1 // 11568 /// ENSMUST00000102	Aebp1	9.68548E-08	-3.16784	Week 2 down vs Week 1
10604637	NM_001018063 // Cxx1b // CAAX box 1 homolog B (human) // X A5 // 553127 /// NM_0	Cxx1b	8.79545E-10	-3.16702	Week 2 down vs Week 1
10440099	NM_018784 // St3gal6 // ST3 beta-galactoside alpha-2,3-sialyltransferase 6 // 16	St3gal6	4.33425E-06	-3.16403	Week 2 down vs Week 1
10596279	NM_001163026 // Dnajc13 // DnaJ (Hsp40) homolog, subfamily C, member 13 // 9 F1	Dnajc13	3.36331E-07	-3.15829	Week 2 down vs Week 1
10339563	---		7.02427E-06	-3.15728	Week 2 down vs Week 1
10365408	NM_183172 // Ric8b // resistance to inhibitors of cholinesterase 8 homolog B (C.	Ric8b	3.10722E-09	-3.15675	Week 2 down vs Week 1
10422348	NM_001081252 // Uggt2 // UDP-glucose glycoprotein glucosyltransferase 2 // 14 E4	Uggt2	3.84914E-10	-3.15245	Week 2 down vs Week 1
10343690	---		4.19958E-09	-3.1523	Week 2 down vs Week 1
10586250	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	8.1131E-11	-3.15196	Week 2 down vs Week 1
10353878	NM_153502 // Ankrd23 // ankyrin repeat domain 23 // 1 B // 78321 /// NM_026241 /	Ankrd23	1.92379E-06	-3.1519	Week 2 down vs Week 1
10542965	NM_001130190 // Sgce // sarcoglycan, epsilon // 6 A1|6 1.0 cM // 20392 /// NM_00	Sgce	1.74737E-08	-3.15032	Week 2 down vs Week 1
10342674	---		6.09395E-08	-3.14961	Week 2 down vs Week 1
10564233	---		3.2193E-08	-3.14684	Week 2 down vs Week 1
10341511	---		6.0135E-06	-3.14425	Week 2 down vs Week 1
10347036	NM_001039934 // Mtap2 // microtubule-associated protein 2 // 1 C3|1 33.7 cM // 1	Mtap2	2.82401E-06	-3.14257	Week 2 down vs Week 1
10462136	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063 /// BC09	Cycs	3.2274E-09	-3.14147	Week 2 down vs Week 1
10358557	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	3.69404E-08	-3.13751	Week 2 down vs Week 1
10455948	NM_001081328 // Chsy3 // chondroitin sulfate synthase 3 // 18 D3 // 78923 /// EN	Chsy3	2.20508E-08	-3.13746	Week 2 down vs Week 1
10501302	NM_008596 // Sypl2 // synaptophysin-like 2 // 3 F3-H2 // 17306 /// ENSMUST000000	Sypl2	2.63017E-05	-3.13477	Week 2 down vs Week 1
10350199	NM_001081023 // Cacna1s // calcium channel, voltage-dependent, L type, alpha 1S	Cacna1s	4.58718E-05	-3.13421	Week 2 down vs Week 1
10344565	---		7.99309E-07	-3.13081	Week 2 down vs Week 1
10340697	---		4.53252E-07	-3.12994	Week 2 down vs Week 1
10359161	NM_009230 // Soat1 // sterol O-acyltransferase 1 // 1 G3|1 81.6 cM // 20652 ///	Soat1	4.71084E-10	-3.12842	Week 2 down vs Week 1
10435948	NM_026439 // Ccdc80 // coiled-coil domain containing 80 // 16 B5 // 67896 /// EN	Ccdc80	3.65271E-06	-3.12787	Week 2 down vs Week 1

10338183	---		3.85277E-05	-3.12699	Week 2 down vs Week 1
10372421	NM_146241 // Trhde // TRH-degrading enzyme // 10 D2 // 237553 /// ENSMUST0000006	Trhde	6.88271E-09	-3.12566	Week 2 down vs Week 1
10398360	---		1.1776E-11	-3.12351	Week 2 down vs Week 1
10605766	NM_019791 // Maged1 // melanoma antigen, family D, 1 // X C3|X 34.6 cM // 94275	Maged1	5.6472E-09	-3.12294	Week 2 down vs Week 1
10480249	NM_013935 // Ptpla // protein tyrosine phosphatase-like (proline instead of cata	Ptpla	5.70807E-07	-3.12243	Week 2 down vs Week 1
10339431	---		2.10553E-05	-3.1224	Week 2 down vs Week 1
10339634	---		7.99127E-06	-3.11825	Week 2 down vs Week 1
10381122	NM_010221 // Fkbp10 // FK506 binding protein 10 // 11 D|11 58.0 cM // 14230 ///	Fkbp10	2.37389E-08	-3.11655	Week 2 down vs Week 1
10344343	---		4.77552E-09	-3.11596	Week 2 down vs Week 1
10436590	AK148800 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 // 77994 ///	2810055G20Rik	2.58546E-08	-3.10884	Week 2 down vs Week 1
10495869	NM_146140 // Tram1l1 // translocation associated membrane protein 1-like 1 // 3	Tram1l1	9.66265E-09	-3.1087	Week 2 down vs Week 1
10455118	NM_053143 // Pcdhb18 // protocadherin beta 18 // 18 B3 // 93889 /// ENSMUST00000	Pcdhb18	3.0202E-11	-3.10179	Week 2 down vs Week 1
10343558	---		9.42244E-07	-3.10166	Week 2 down vs Week 1
10379153	NM_009657 // Aldoc // aldolase C, fructose-bisphosphate // 11 B5|11 44.98 cM //	Aldoc	1.1823E-06	-3.10126	Week 2 down vs Week 1
10494160	NM_016712 // Tmod4 // tropomodulin 4 // 3 F2.1|3 52.0 cM // 50874 /// ENSMUST000	Tmod4	2.22598E-05	-3.10044	Week 2 down vs Week 1
10412036	NR_004438 // Apoo-ps // apolipoprotein O, pseudogene // 13 D2.1 // 621156 /// NM	Apoo-ps	3.782E-12	-3.10035	Week 2 down vs Week 1
10343359	---		9.28607E-06	-3.09959	Week 2 down vs Week 1
10341272	---		2.17104E-08	-3.09645	Week 2 down vs Week 1
10358565	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	6.13602E-06	-3.09506	Week 2 down vs Week 1
10339900	---		0.000201074	-3.09458	Week 2 down vs Week 1
10588505	NM_029631 // Abhd14b // abhydrolase domain containing 14b // 9 F1 // 76491 /// E	Abhd14b	2.65556E-08	-3.09451	Week 2 down vs Week 1
10536297	NM_181595 // Ppp1r9a // protein phosphatase 1, regulatory (inhibitor) subunit 9A	Ppp1r9a	1.48328E-10	-3.09343	Week 2 down vs Week 1
10339918	---		2.95213E-05	-3.09184	Week 2 down vs Week 1
10551009	NM_025284 // Tmsb10 // thymosin, beta 10 // 6 C1 // 19240 /// NM_001039392 // Tm	Tmsb10	3.703E-12	-3.08758	Week 2 down vs Week 1
10340382	---		1.16089E-07	-3.08397	Week 2 down vs Week 1
10588037	NM_011254 // Rbp1 // retinol binding protein 1, cellular // 9 E3.3|9 52.0 cM //	Rbp1	3.44016E-08	-3.08181	Week 2 down vs Week 1
10342188	---		1.70612E-05	-3.08107	Week 2 down vs Week 1
10436602	---		7.41806E-08	-3.08046	Week 2 down vs Week 1
10605797	NM_001033329 // Arhgef9 // CDC42 guanine nucleotide exchange factor (GEF) 9 // X	Arhgef9	4.392E-11	-3.07711	Week 2 down vs Week 1
10501971	NM_178655 // Ank2 // ankyrin 2, brain // 3 G2|3 62.5 cM // 109676 /// NM_0010341	Ank2	2.93001E-08	-3.07711	Week 2 down vs Week 1
10584653	NM_145613 // C1qtnf5 // C1q and tumor necrosis factor related protein 5 // 9 A5.	C1qtnf5	2.5131E-08	-3.07583	Week 2 down vs Week 1
10504375	NM_173788 // Npr2 // natriuretic peptide receptor 2 // 4 B1|4 21.5 cM // 230103	Npr2	2.75504E-07	-3.07468	Week 2 down vs Week 1
10472136	NM_173030 // Galnt13 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylg	Galnt13	1.84973E-05	-3.07377	Week 2 down vs Week 1
10374406	NM_029861 // Cnrip1 // cannabinoid receptor interacting protein 1 // 11 A3.1 //	Cnrip1	1.20663E-10	-3.07198	Week 2 down vs Week 1
10341412	---		8.96596E-07	-3.07084	Week 2 down vs Week 1
10497842	NM_027810 // Bbs7 // Bardet-Biedl syndrome 7 (human) // 3 B // 71492 /// ENSMUST	Bbs7	1.57586E-06	-3.0689	Week 2 down vs Week 1
10606369	NM_008409 // Itm2a // integral membrane protein 2A // X A2-A3 // 16431 /// ENSMU	Itm2a	0.000121776	-3.06607	Week 2 down vs Week 1
10358567	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.20535E-06	-3.0656	Week 2 down vs Week 1
10503200	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	4.22809E-07	-3.06483	Week 2 down vs Week 1
10487040	NM_007993 // Fbn1 // fibrillin 1 // 2 F|2 71.0 cM // 14118 /// ENSMUST0000010323	Fbn1	2.52256E-05	-3.06416	Week 2 down vs Week 1
10503172	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.28667E-08	-3.06322	Week 2 down vs Week 1
10439695	NM_019754 // Tagln3 // transgelin 3 // 16 B5 // 56370 /// ENSMUST00000096057 //	Tagln3	3.10011E-05	-3.05971	Week 2 down vs Week 1
10341197	---		3.10477E-05	-3.05951	Week 2 down vs Week 1
10358575	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	5.27518E-07	-3.05834	Week 2 down vs Week 1
10366073	NM_146009 // Cep290 // centrosomal protein 290 // 10 D1|10 59.0 cM // 216274 ///	Cep290	2.72493E-06	-3.05809	Week 2 down vs Week 1
10527694	NM_001081204 // B3galtl // beta 1,3-galactosyltransferase-like // 5 G3 // 381694	B3galtl	8.41312E-08	-3.05786	Week 2 down vs Week 1
10340506	---		2.36899E-08	-3.0549	Week 2 down vs Week 1
10600994	NM_133205 // Arr3 // arrestin 3, retinal // X C2 // 170735 /// ENSMUST0000011376	Arr3	0.00035539	-3.0528	Week 2 down vs Week 1
10601848	NR_003641 // 6530401D17Rik // signal peptidase complex subunit 3 homolog pseudog	6530401D17Rik	1.3685E-06	-3.05252	Week 2 down vs Week 1
10453373	NM_145984 // Prepl // prolyl endopeptidase-like // 17 E4 // 213760 /// ENSMUST00	Prepl	1.27292E-09	-3.05159	Week 2 down vs Week 1
10340920	---		3.047E-10	-3.05128	Week 2 down vs Week 1
10593233	NM_013561 // Htr3a // 5-hydroxytryptamine (serotonin) receptor 3A // 9 A5.3 // 1	Htr3a	4.91781E-08	-3.05049	Week 2 down vs Week 1
10419416	BC023359 // 3632451O06Rik // RIKEN cDNA 3632451O06 gene // 14 C1 // 67419 /// NM	3632451O06Rik	3.07477E-09	-3.04869	Week 2 down vs Week 1
10343781	---		8.72682E-06	-3.0485	Week 2 down vs Week 1
10343052	---		7.91417E-09	-3.04528	Week 2 down vs Week 1
10339336	---		1.05398E-08	-3.04255	Week 2 down vs Week 1
10354938	NM_001033449 // Als2cr4 // amyotrophic lateral sclerosis 2 (juvenile) chromosome	Als2cr4	7.67175E-08	-3.04171	Week 2 down vs Week 1
10358587	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.21843E-05	-3.03885	Week 2 down vs Week 1
10344153	---		0.000528251	-3.03452	Week 2 down vs Week 1
10391798	NM_010277 // Gfap // glial fibrillary acidic protein // 11 D|11 62.0 cM // 14580	Gfap	0.0127226	-3.03335	Week 2 down vs Week 1
10459471	NM_013833 // Rax // retina and anterior neural fold homeobox // 18 E1|18 38.0 cM	Rax	1.05148E-06	-3.03148	Week 2 down vs Week 1
10338542	---		4.63639E-08	-3.0311	Week 2 down vs Week 1
10344537	---		9.52207E-07	-3.03089	Week 2 down vs Week 1
10341001	---		0.000001002	-3.02889	Week 2 down vs Week 1
10345869	NM_001081198 // Tmem182 // transmembrane protein 182 // 1 B // 381339 /// ENSMUS	Tmem182	0.000268183	-3.02304	Week 2 down vs Week 1

10343215	---		1.39522E-07	-3.02249	Week 2 down vs Week 1
10498907	NM_010298 // Glrb // glycine receptor, beta subunit // 3 E3-F1|3 36.0 cM // 1465	Glrb	3.33862E-09	-3.02121	Week 2 down vs Week 1
10457888	NM_001004361 // 5730494M16Rik // RIKEN cDNA 5730494M16 gene // 18 A2 // 66648 //	5730494M16Rik	2.00111E-10	-3.02002	Week 2 down vs Week 1
10341989	---		2.84905E-10	-3.01963	Week 2 down vs Week 1
10540509	NM_177328 // Grm7 // glutamate receptor, metabotropic 7 // 6 E3 // 108073 /// EN	Grm7	1.65089E-09	-3.01861	Week 2 down vs Week 1
10440621	NM_146072 // Grik1 // glutamate receptor, ionotropic, kainate 1 // 16 C3.3|16 58	Grik1	8.20804E-07	-3.01481	Week 2 down vs Week 1
10439514	NM_008083 // Gap43 // growth associated protein 43 // 16 B4|16 29.5 cM // 14432	Gap43	8.4102E-11	-3.01367	Week 2 down vs Week 1
10343199	---		1.14389E-06	-3.01305	Week 2 down vs Week 1
10543017	NM_013743 // Pdk4 // pyruvate dehydrogenase kinase, isoenzyme 4 // 6 A1|6 0.63 c	Pdk4	0.00029644	-3.01247	Week 2 down vs Week 1
10343444	---		1.83653E-05	-3.01082	Week 2 down vs Week 1
10413983	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	1.72837E-05	-3.01031	Week 2 down vs Week 1
10352756	NM_001134829 // Lpgat1 // lysophosphatidylglycerol acyltransferase 1 // 1 H6 //	Lpgat1	8.4231E-11	-3.00974	Week 2 down vs Week 1
10342394	---		1.05723E-05	-3.00967	Week 2 down vs Week 1
10549594	NM_021324 // Ttyh1 // tweety homolog 1 (Drosophila) // 7 A1 // 57776 /// NM_0010	Ttyh1	4.39491E-05	-3.00734	Week 2 down vs Week 1
10339990	---		1.74596E-05	-3.00551	Week 2 down vs Week 1
10343987	---		5.12018E-06	-3.00483	Week 2 down vs Week 1
10362426	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.000153616	-3.00477	Week 2 down vs Week 1
10372648	NM_017372 // Lyz2 // lysozyme 2 // 10 D2|10 66.0 cM // 17105 /// ENSMUST00000092	Lyz2	4.93692E-06	-3.00333	Week 2 down vs Week 1
10342062	---		1.20591E-07	-3.00246	Week 2 down vs Week 1
10392522	NM_153145 // Abca8a // ATP-binding cassette, sub-family A (ABC1), member 8a // 1	Abca8a	7.76385E-07	-2.9973	Week 2 down vs Week 1
10352905	NM_001111059 // Cd34 // CD34 antigen // 1 H6|1 106.6 cM // 12490 /// NM_133654 /	Cd34	3.76762E-05	-2.99693	Week 2 down vs Week 1
10341982	---		5.59773E-07	-2.99683	Week 2 down vs Week 1
10366554	NM_148922 // Mdm1 // transformed mouse 3T3 cell double minute 1 // 10 C1-C3|10 6	Mdm1	7.55017E-06	-2.99661	Week 2 down vs Week 1
10341707	---		2.41759E-05	-2.99629	Week 2 down vs Week 1
10569344	NM_001122737 // Igf2 // insulin-like growth factor 2 // 7 F5|7 69.09 cM // 16002	Igf2	5.11172E-06	-2.99584	Week 2 down vs Week 1
10580247	NM_019945 // Mast1 // microtubule associated serine/threonine kinase 1 // 8 C3|8	Mast1	7.61459E-06	-2.99432	Week 2 down vs Week 1
10340707	---		1.82155E-07	-2.99419	Week 2 down vs Week 1
10358521	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.87657E-07	-2.99311	Week 2 down vs Week 1
10423836	NM_026778 // Cthrc1 // collagen triple helix repeat containing 1 // 15 C // 6858	Cthrc1	1.17195E-08	-2.9931	Week 2 down vs Week 1
10341784	---		1.77106E-05	-2.99238	Week 2 down vs Week 1
10339558	---		2.43374E-05	-2.99163	Week 2 down vs Week 1
10342856	---		1.16618E-08	-2.99076	Week 2 down vs Week 1
10342116	---		1.55226E-06	-2.99035	Week 2 down vs Week 1
10341363	---		8.65447E-10	-2.98902	Week 2 down vs Week 1
10339966	---		7.55052E-08	-2.98853	Week 2 down vs Week 1
10343314	---		3.11756E-08	-2.9876	Week 2 down vs Week 1
10389797	NM_011505 // Stxbp4 // syntaxin binding protein 4 // 11 C // 20913 /// ENSMUST00	Stxbp4	1.3281E-11	-2.98758	Week 2 down vs Week 1
10344042	---		3.82465E-06	-2.98554	Week 2 down vs Week 1
10344575	---		1.47981E-05	-2.98468	Week 2 down vs Week 1
10503835	NM_027491 // Rragd // Ras-related GTP binding D // 4 A5|4 11.4 cM // 52187 /// E	Rragd	2.02411E-08	-2.98328	Week 2 down vs Week 1
10538753	BC010820 // Atoh1 // atonal homolog 1 (Drosophila) // 6 C1|6 29.69 cM // 11921 /	Atoh1	1.98306E-09	-2.98171	Week 2 down vs Week 1
10363415	NM_052994 // Spock2 // sparc/osteonectin, cwcv and kazal-like domains proteoglyc	Spock2	1.15192E-07	-2.98095	Week 2 down vs Week 1
10339287	---		1.39248E-06	-2.97629	Week 2 down vs Week 1
10415811	AK053602 // Serpine3 // serpin peptidase inhibitor, clade E (nexin, plasminogen	Serpine3	1.00463E-05	-2.97584	Week 2 down vs Week 1
10342113	---		3.12511E-06	-2.97317	Week 2 down vs Week 1
10413999	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.000259785	-2.973	Week 2 down vs Week 1
10342070	---		0.000129616	-2.97284	Week 2 down vs Week 1
10414269	NM_009760 // Bnip3 // BCL2/adenovirus E1B interacting protein 3 // 7 F5 // 12176	Bnip3	6.0042E-11	-2.96747	Week 2 down vs Week 1
10518726	NM_027460 // Slc25a33 // solute carrier family 25, member 33 // 4 E1 // 70556 //	Slc25a33	2.68164E-07	-2.96664	Week 2 down vs Week 1
10399046	NM_009511 // Vipr2 // vasoactive intestinal peptide receptor 2 // 12 F2|12 59.4	Vipr2	1.08063E-09	-2.96661	Week 2 down vs Week 1
10340722	---		2.41317E-05	-2.96545	Week 2 down vs Week 1
10580829	BC045114 // Cngb1 // cyclic nucleotide gated channel beta 1 // 8 D1 // 333329 //	Cngb1	6.67293E-05	-2.96469	Week 2 down vs Week 1
10342990	---		6.27769E-06	-2.96168	Week 2 down vs Week 1
10339832	---		1.17073E-05	-2.95978	Week 2 down vs Week 1
10600797	NR_004438 // Apoo-ps // apolipoprotein O, pseudogene // 13 D2.1 // 621156 /// NM	Apoo-ps	2.34E-13	-2.95968	Week 2 down vs Week 1
10594301	NM_175484 // Coro2b // coronin, actin binding protein, 2B // 9 B // 235431 /// E	Coro2b	1.92732E-09	-2.95847	Week 2 down vs Week 1
10405047	NM_025711 // Aspn // asporin // 13 B1 // 66695 /// ENSMUST00000021820 // Aspn //	Aspn	0.00035873	-2.95489	Week 2 down vs Week 1
10339588	---		7.35457E-06	-2.95481	Week 2 down vs Week 1
10399478	NM_015763 // Lpin1 // lipin 1 // 12 A1.1|12 9.0 cM // 14245 /// NM_172950 // Lpi	Lpin1	1.74E-13	-2.95263	Week 2 down vs Week 1
10568050	NM_007438 // Aldoa // aldolase A, fructose-bisphosphate // 7 F4 // 11674 /// ENS	Aldoa	4.38922E-10	-2.95111	Week 2 down vs Week 1
10476740	NM_053195 // Slc24a3 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a3	4.15185E-08	-2.95071	Week 2 down vs Week 1
10342716	---		1.80917E-06	-2.94783	Week 2 down vs Week 1
10344131	---		4.25978E-05	-2.9449	Week 2 down vs Week 1
10528170	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063 /// BC09	Cycs	4.00183E-08	-2.94469	Week 2 down vs Week 1
10398392	---		1.8407E-10	-2.94043	Week 2 down vs Week 1

10343127	---		1.59212E-07	-2.94	Week 2 down vs Week 1
10338296	---		1.84756E-05	-2.93767	Week 2 down vs Week 1
10607395	NM_023788 // Mageh1 // melanoma antigen, family H, 1 // X F2 // 75625 /// ENSMUS	Mageh1	9.6E-13	-2.93731	Week 2 down vs Week 1
10587023	NM_023635 // Rab27a // RAB27A, member RAS oncogene family // 9 D|9 41.0 cM // 11	Rab27a	3.03701E-06	-2.9348	Week 2 down vs Week 1
10442270	BC025651 // 1300003B13Rik // RIKEN cDNA 1300003B13 gene // 17 A3.3 // 74149 ///	1300003B13Rik	1.75304E-09	-2.93458	Week 2 down vs Week 1
10338575	---		7.57858E-05	-2.93458	Week 2 down vs Week 1
10438909	NM_001128096 // Atp13a3 // ATPase type 13A3 // 16 B2 // 224088 /// NM_001128094	Atp13a3	2.19153E-10	-2.93347	Week 2 down vs Week 1
10467139	NM_021460 // Lipa // lysosomal acid lipase A // 19 C1 // 16889 /// NM_001111100	Lipa	2.0379E-07	-2.93329	Week 2 down vs Week 1
10420631	NM_026598 // Ebpl // emopamil binding protein-like // 14 D1 // 68177 /// ENSMUST	Ebpl	3.21394E-06	-2.93284	Week 2 down vs Week 1
10358563	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.39165E-06	-2.93273	Week 2 down vs Week 1
10440534	NM_011782 // Adamts5 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts5	3.12359E-06	-2.93234	Week 2 down vs Week 1
10341777	---		3.81969E-05	-2.93154	Week 2 down vs Week 1
10497505	NM_138666 // Nlgn1 // neuroligin 1 // 3 A3 // 192167 /// ENSMUST00000075054 // N	Nlgn1	3.00793E-07	-2.93089	Week 2 down vs Week 1
10340042	---		7.95271E-06	-2.93009	Week 2 down vs Week 1
10385361	NM_024475 // Ublcp1 // ubiquitin-like domain containing CTD phosphatase 1 // 11	Ublcp1	8.76278E-09	-2.92973	Week 2 down vs Week 1
10342714	---		1.88702E-08	-2.92917	Week 2 down vs Week 1
10595496	NM_013669 // Snap91 // synaptosomal-associated protein 91 // --- // 20616 /// EN	Snap91	1.07109E-05	-2.92791	Week 2 down vs Week 1
10571514	---		1.399E-12	-2.92719	Week 2 down vs Week 1
10471555	NM_011923 // Angptl2 // angiopoietin-like 2 // 2 B // 26360 /// ENSMUST000000042	Angptl2	3.51905E-06	-2.92386	Week 2 down vs Week 1
10546432	NM_175314 // Adamts9 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts9	8.65321E-08	-2.92174	Week 2 down vs Week 1
10501699	NM_001081326 // Agl // amylo-1,6-glucosidase, 4-alpha-glucanotransferase // 3 G1	Agl	1.03526E-07	-2.91973	Week 2 down vs Week 1
10498024	NM_011990 // Slc7a11 // solute carrier family 7 (cationic amino acid transporter	Slc7a11	0.000205563	-2.91877	Week 2 down vs Week 1
10344255	---		1.76627E-06	-2.91512	Week 2 down vs Week 1
10502845	NM_174868 // Fam73a // family with sequence similarity 73, member A // 3 H3 // 2	Fam73a	4.6641E-11	-2.91343	Week 2 down vs Week 1
10371616	NM_144807 // Chpt1 // choline phosphotransferase 1 // 10 C1 // 212862 /// NM_001	Chpt1	6.1602E-09	-2.91332	Week 2 down vs Week 1
10341666	---		1.52565E-10	-2.91288	Week 2 down vs Week 1
10342144	---		1.83711E-07	-2.91275	Week 2 down vs Week 1
10545041	NM_021432 // Nap1l5 // nucleosome assembly protein 1-like 5 // 6 C1 // 58243 ///	Nap1l5	4.59141E-07	-2.91017	Week 2 down vs Week 1
10411171	NM_172263 // Pde8b // phosphodiesterase 8B // 13 D1 // 218461 /// ENSMUST0000006	Pde8b	2.69799E-06	-2.90981	Week 2 down vs Week 1
10340709	---		1.299E-12	-2.90955	Week 2 down vs Week 1
10461268	BC047099 // 1810009A15Rik // RIKEN cDNA 1810009A15 gene // 19 A // 66276	1810009A15Rik	5.66068E-05	-2.90818	Week 2 down vs Week 1
10591123	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	1.88703E-06	-2.90809	Week 2 down vs Week 1
10341756	---		4.40514E-06	-2.90793	Week 2 down vs Week 1
10344110	---		2.15299E-05	-2.90752	Week 2 down vs Week 1
10460317	NM_008851 // Pitpnm1 // phosphatidylinositol transfer protein, membrane-associat	Pitpnm1	2.31879E-05	-2.90666	Week 2 down vs Week 1
10400157	ENSMUST00000021438 // Nova1 // neuro-oncological ventral antigen 1 // 12 B3 // 6	Nova1	2.00083E-09	-2.90636	Week 2 down vs Week 1
10339628	---		1.14611E-05	-2.90586	Week 2 down vs Week 1
10513592	NM_023597 // Wdr31 // WD repeat domain 31 // 4 C1 // 71354 /// ENSMUST0000012009	Wdr31	1.17276E-06	-2.90541	Week 2 down vs Week 1
10338946	---		0.000063646	-2.90409	Week 2 down vs Week 1
10562211	NM_052992 // Fxyd1 // FXYD domain-containing ion transport regulator 1 // 7 B1 /	Fxyd1	5.25803E-08	-2.90324	Week 2 down vs Week 1
10450904	NM_001039137 // Scoc // short coiled-coil protein // 8 C2 // 56367 /// NM_019708	Scoc	4.15927E-08	-2.90223	Week 2 down vs Week 1
10452516	NM_001025572 // Ankrd12 // ankyrin repeat domain 12 // 17 E1.1 // 106585	Ankrd12	4.10473E-09	-2.90177	Week 2 down vs Week 1
10341337	---		0.000135395	-2.89908	Week 2 down vs Week 1
10388042	NM_134022 // 6330403K07Rik // RIKEN cDNA 6330403K07 gene // 11 B4 // 103712 ///	6330403K07Rik	3.03127E-09	-2.89883	Week 2 down vs Week 1
10341613	---		2.17832E-06	-2.89818	Week 2 down vs Week 1
10600886	NM_029536 // Gpr165 // G protein-coupled receptor 165 // X C1|X // 76206 /// ENS	Gpr165	1.25733E-05	-2.89648	Week 2 down vs Week 1
10438017	NM_139232 // Fgd4 // FYVE, RhoGEF and PH domain containing 4 // 16 A3 // 224014	Fgd4	2.16184E-09	-2.89508	Week 2 down vs Week 1
10502696	NM_027617 // Spata1 // spermatogenesis associated 1 // 3 H2 // 70951 /// ENSMUST	Spata1	3.27934E-06	-2.89423	Week 2 down vs Week 1
10552919	NM_010473 // Hrc // histidine rich calcium binding protein // 7 B4|7 20.4 cM //	Hrc	1.03598E-05	-2.88986	Week 2 down vs Week 1
10397606	NM_011648 // Tshr // thyroid stimulating hormone receptor // 12 D3|12 37.0 cM //	Tshr	2.56386E-07	-2.88857	Week 2 down vs Week 1
10341703	---		1.25589E-07	-2.88483	Week 2 down vs Week 1
10340223	---		2.65582E-08	-2.88477	Week 2 down vs Week 1
10450344	NM_013484 // C2 // complement component 2 (within H-2S) // 17 B1|17 18.86 cM //	C2	8.63495E-07	-2.88286	Week 2 down vs Week 1
10494069	NM_172434 // Tnrc4 // trinucleotide repeat containing 4 // 3 F2.1 // 78784 /// E	Tnrc4	1.73382E-05	-2.8822	Week 2 down vs Week 1
10419261	NM_007554 // Bmp4 // bone morphogenetic protein 4 // 14 C1|14 15.0 cM // 12159 /	Bmp4	1.16563E-07	-2.8812	Week 2 down vs Week 1
10571467	NM_026840 // Pdgfrl // platelet-derived growth factor receptor-like // 8 A4 // 6	Pdgfrl	5.60861E-06	-2.8792	Week 2 down vs Week 1
10342653	---		1.22171E-05	-2.87893	Week 2 down vs Week 1
10591116	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	1.76407E-08	-2.87723	Week 2 down vs Week 1
10552143	NM_017394 // Slc7a10 // solute carrier family 7 (cationic amino acid transporter	Slc7a10	9.28295E-08	-2.87694	Week 2 down vs Week 1
10358057	NM_175259 // Shisa4 // shisa homolog 4 (Xenopus laevis) // 1 E4 // 77552 /// ENS	Shisa4	2.15246E-08	-2.87492	Week 2 down vs Week 1
10495613	NM_029425 // 4833424O15Rik // RIKEN cDNA 4833424O15 gene // 3 G2 // 75769 /// EN	4833424O15Rik	5.08724E-06	-2.87469	Week 2 down vs Week 1
10398362	AF357355 // Rian // RNA imprinted and accumulated in nucleus // 12 F1|12 54.5 cM	Rian	7.03813E-08	-2.87465	Week 2 down vs Week 1
10340400	---		6.22871E-07	-2.87204	Week 2 down vs Week 1
10456071	NM_001037859 // Csf1r // colony stimulating factor 1 receptor // 18 D|18 30.0 cM	Csf1r	2.60753E-10	-2.86965	Week 2 down vs Week 1
10344288	---		1.15044E-05	-2.8636	Week 2 down vs Week 1

10339013	---		1.48018E-06	-2.86291	Week 2 down vs Week 1
10360506	NM_011785 // Akt3 // thymoma viral proto-oncogene 3 // 1 H4-H6 // 23797 /// ENSM	Akt3	7.91162E-09	-2.86204	Week 2 down vs Week 1
10341767	---		5.14737E-06	-2.86077	Week 2 down vs Week 1
10518167	NM_025432 // Trappc2 // trafficking protein particle complex 2 // X F5 // 66226	Trappc2	1.25884E-08	-2.86039	Week 2 down vs Week 1
10362633	NM_011264 // Rev3l // REV3-like, catalytic subunit of DNA polymerase zeta RAD54	Rev3l	1.554E-11	-2.857	Week 2 down vs Week 1
10553833	NM_010882 // Ndn // necdin // 7 C|7 28.0 cM // 17984 /// ENSMUST00000038775 // N	Ndn	2.24E-13	-2.85654	Week 2 down vs Week 1
10342598	---		4.10839E-06	-2.85632	Week 2 down vs Week 1
10594971	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00623822	-2.85622	Week 2 down vs Week 1
10532578	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	1.78152E-06	-2.85557	Week 2 down vs Week 1
10338112	---		1.36004E-07	-2.85512	Week 2 down vs Week 1
10347748	NM_028817 // Acsl3 // acyl-CoA synthetase long-chain family member 3 // 1 C4|1 2	Acsl3	1.10615E-07	-2.85471	Week 2 down vs Week 1
10484205	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	1.71849E-08	-2.85389	Week 2 down vs Week 1
10339135	---		1.10287E-07	-2.85389	Week 2 down vs Week 1
10594948	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00645293	-2.85249	Week 2 down vs Week 1
10474700	NM_011580 // Thbs1 // thrombospondin 1 // 2 F1-F3|2 65.0 cM // 21825 /// ENSMUST	Thbs1	6.77048E-06	-2.85235	Week 2 down vs Week 1
10440206	NM_019665 // Arl6 // ADP-ribosylation factor-like 6 // 16 C1.2 // 56297 /// ENSM	Arl6	6.67084E-07	-2.85106	Week 2 down vs Week 1
10339440	---		4.43109E-06	-2.85068	Week 2 down vs Week 1
10544885	NM_153573 // Fkbp14 // FK506 binding protein 14 // 6 B3 // 231997 /// ENSMUST000	Fkbp14	8.69757E-10	-2.85024	Week 2 down vs Week 1
10339096	---		9.90745E-07	-2.84993	Week 2 down vs Week 1
10352916	BC058715 // C030002C11Rik // RIKEN cDNA C030002C11 gene // --- // 320977	C030002C11Rik	4.58317E-08	-2.84955	Week 2 down vs Week 1
10358658	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	8.1563E-06	-2.84953	Week 2 down vs Week 1
10343463	---		1.44674E-07	-2.84892	Week 2 down vs Week 1
10338104	---		8.25124E-10	-2.84839	Week 2 down vs Week 1
10343717	---		9.37785E-06	-2.84612	Week 2 down vs Week 1
10338902	---		1.91383E-05	-2.84513	Week 2 down vs Week 1
10340385	---		9.33544E-05	-2.84484	Week 2 down vs Week 1
10491136	NM_026910 // Tnik // TRAF2 and NCK interacting kinase // 3 A3 // 665113 /// NM_0	Tnik	1.5002E-11	-2.84479	Week 2 down vs Week 1
10374908	NM_194054 // Rtn4 // reticulon 4 // 11 A3.3 // 68585 /// NM_194053 // Rtn4 // re	Rtn4	8.67208E-10	-2.84438	Week 2 down vs Week 1
10545479	NM_025284 // Tmsb10 // thymosin, beta 10 // 6 C1 // 19240 /// NM_001039392 // Tm	Tmsb10	2.704E-11	-2.84437	Week 2 down vs Week 1
10344075	---		0.000759992	-2.84389	Week 2 down vs Week 1
10507273	NM_181585 // Pik3r3 // phosphatidylinositol 3 kinase, regulatory subunit, polype	Pik3r3	1.72264E-08	-2.84223	Week 2 down vs Week 1
10529457	NM_153107 // Cpz // carboxypeptidase Z // 5 B3 // 242939 /// ENSMUST00000038676	Cpz	2.15192E-08	-2.84075	Week 2 down vs Week 1
10340683	---		6.4041E-06	-2.84063	Week 2 down vs Week 1
10503214	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.87024E-06	-2.83791	Week 2 down vs Week 1
10343889	---		1.54103E-07	-2.83415	Week 2 down vs Week 1
10341417	---		0.000060288	-2.8326	Week 2 down vs Week 1
10343457	---		3.2019E-08	-2.83202	Week 2 down vs Week 1
10339622	---		2.94539E-07	-2.83144	Week 2 down vs Week 1
10511429	NM_007592 // Car8 // carbonic anhydrase 8 // 4 A1|4 7.7 cM // 12319 /// BC010773	Car8	1.92904E-06	-2.83006	Week 2 down vs Week 1
10530633	NM_011890 // Sgcb // sarcoglycan, beta (dystrophin-associated glycoprotein) // 5	Sgcb	5.15005E-10	-2.82918	Week 2 down vs Week 1
10341655	---		3.6611E-06	-2.82814	Week 2 down vs Week 1
10482448	NM_015753 // Zeb2 // zinc finger E-box binding homeobox 2 // 2 C1 // 24136 /// E	Zeb2	0.000001892	-2.82747	Week 2 down vs Week 1
10343565	---		2.58943E-05	-2.82661	Week 2 down vs Week 1
10400609	NM_207010 // Mdga2 // MAM domain containing glycosylphosphatidylinositol anchor	Mdga2	0.000124584	-2.82459	Week 2 down vs Week 1
10358648	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.98795E-06	-2.82395	Week 2 down vs Week 1
10344222	---		3.05526E-05	-2.82345	Week 2 down vs Week 1
10338192	---		8.15447E-05	-2.82101	Week 2 down vs Week 1
10338074	---		1.38119E-08	-2.81935	Week 2 down vs Week 1
10344218	---		1.46557E-08	-2.81903	Week 2 down vs Week 1
10550400	NM_001099636 // Pnmal2 // PNMA-like 2 // 7 A2 // 434128 /// ENSMUST00000094807 /	Pnmal2	2.56609E-09	-2.81888	Week 2 down vs Week 1
10342166	---		0.00240089	-2.81742	Week 2 down vs Week 1
10341720	---		9.11964E-09	-2.8158	Week 2 down vs Week 1
10453555	NM_153780 // 2610044O15Rik // RIKEN cDNA 2610044O15 gene // --- // 72139 /// BC0	2610044O15Rik	3.77048E-06	-2.81547	Week 2 down vs Week 1
10347060	FJ210934 // Unc80 // unc-80 homolog (C. elegans) // 1 C3 // 329178 /// BC116430	Unc80	5.24396E-07	-2.81538	Week 2 down vs Week 1
10339492	---		8.35377E-07	-2.81519	Week 2 down vs Week 1
10408838	NM_019423 // Elovl2 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl2	2.61894E-05	-2.81421	Week 2 down vs Week 1
10490212	NM_022325 // Ctsz // cathepsin Z // 2 H4|2 103.5 cM // 64138 /// ENSMUST00000016	Ctsz	1.83975E-07	-2.81339	Week 2 down vs Week 1
10339474	---		1.1813E-07	-2.81237	Week 2 down vs Week 1
10341211	---		8.79448E-05	-2.81187	Week 2 down vs Week 1
10343657	---		3.17185E-06	-2.81021	Week 2 down vs Week 1
10384811	NM_025740 // Ccdc104 // coiled-coil domain containing 104 // 11 A4 // 216618 ///	Ccdc104	5.5889E-11	-2.80829	Week 2 down vs Week 1
10343607	---		9.21517E-05	-2.80829	Week 2 down vs Week 1
10563441	NM_010129 // Emp3 // epithelial membrane protein 3 // 7 B4|7 24.5 cM // 13732 //	Emp3	3.48242E-08	-2.8078	Week 2 down vs Week 1
10398418	---		2.45019E-10	-2.80675	Week 2 down vs Week 1
10343768	---		0.000123207	-2.80565	Week 2 down vs Week 1

10358650	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	5.56018E-06	-2.80561	Week 2 down vs Week 1
10343594	---		3.8708E-07	-2.80527	Week 2 down vs Week 1
10340692	---		1.62411E-06	-2.8049	Week 2 down vs Week 1
10339776	---		1.02625E-07	-2.80278	Week 2 down vs Week 1
10567219	NM_019419 // Arl6ip1 // ADP-ribosylation factor-like 6 interacting protein 1 //	Arl6ip1	3.78031E-08	-2.80212	Week 2 down vs Week 1
10338492	---		1.2177E-06	-2.8021	Week 2 down vs Week 1
10472370	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	7.64081E-07	-2.80206	Week 2 down vs Week 1
10514158	NM_133948 // Psip1 // PC4 and SFRS1 interacting protein 1 // 4 C3 // 101739 ///	Psip1	7.2172E-09	-2.8003	Week 2 down vs Week 1
10362596	NM_001122893 // Fyn // Fyn proto-oncogene // 10 B1|10 25.0 cM // 14360 /// NM_00	Fyn	9.29687E-08	-2.79861	Week 2 down vs Week 1
10343409	---		0.000102758	-2.79772	Week 2 down vs Week 1
10340331	---		2.25135E-09	-2.79642	Week 2 down vs Week 1
10338198	---		0.000178582	-2.79616	Week 2 down vs Week 1
10602840	NM_021389 // Sh3kbp1 // SH3-domain kinase binding protein 1 // X F4 // 58194 ///	Sh3kbp1	2.3377E-09	-2.79546	Week 2 down vs Week 1
10607283	NM_030700 // Maged2 // melanoma antigen, family D, 2 // X F2 // 80884 /// ENSMUS	Maged2	3.09403E-08	-2.79073	Week 2 down vs Week 1
10342193	---		3.76064E-06	-2.78967	Week 2 down vs Week 1
10363195	NM_008297 // Hsf2 // heat shock factor 2 // 10 B3-B4 // 15500 /// ENSMUST0000007	Hsf2	1.36945E-10	-2.78936	Week 2 down vs Week 1
10342987	---		9.19311E-05	-2.78932	Week 2 down vs Week 1
10503176	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.69795E-08	-2.78816	Week 2 down vs Week 1
10341361	---		9.6553E-06	-2.78807	Week 2 down vs Week 1
10342064	---		3.25383E-08	-2.78681	Week 2 down vs Week 1
10361834	NM_138628 // Txlnb // taxilin beta // 10 A2 // 378431 /// ENSMUST00000037964 //	Txlnb	0.000346667	-2.78666	Week 2 down vs Week 1
10433008	NM_009582 // Map3k12 // mitogen-activated protein kinase kinase kinase 12 // 15	Map3k12	2.054E-12	-2.78627	Week 2 down vs Week 1
10362432	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.52656E-07	-2.7849	Week 2 down vs Week 1
10342361	---		7.69954E-05	-2.77946	Week 2 down vs Week 1
10339684	---		1.9271E-06	-2.77932	Week 2 down vs Week 1
10503174	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.36536E-08	-2.77752	Week 2 down vs Week 1
10380067	NM_011129 // Sept4 // septin 4 // 11 C // 18952 /// ENSMUST00000018544 // Sept4	Sep-04	1.06186E-06	-2.77414	Week 2 down vs Week 1
10341675	---		0.000003694	-2.7732	Week 2 down vs Week 1
10499854	NM_011309 // S100a1 // S100 calcium binding protein A1 // 3 F1-F2|3 43.6 cM // 2	S100a1	1.06066E-08	-2.7726	Week 2 down vs Week 1
10527158	NM_007984 // Fscn1 // fascin homolog 1, actin bundling protein (Strongylocentrot	Fscn1	1.36554E-08	-2.77142	Week 2 down vs Week 1
10400155	ENSMUST00000066043 // Nova1 // neuro-oncological ventral antigen 1 // 12 B3 // 6	Nova1	1.18769E-09	-2.77042	Week 2 down vs Week 1
10343481	---		1.78254E-06	-2.77008	Week 2 down vs Week 1
10419223	NM_146054 // Fermt2 // fermitin family homolog 2 (Drosophila) // 14 C1 // 218952	Fermt2	9.75948E-06	-2.77006	Week 2 down vs Week 1
10364102	NM_175329 // Chchd10 // coiled-coil-helix-coiled-coil-helix domain containing 10	Chchd10	6.97198E-08	-2.76844	Week 2 down vs Week 1
10501963	NM_011674 // Ugt8a // UDP galactosyltransferase 8A // 3 E3-F1 // 22239 /// ENSMU	Ugt8a	0.000579307	-2.76571	Week 2 down vs Week 1
10343446	---		5.88184E-07	-2.76415	Week 2 down vs Week 1
10451198	NM_001025250 // Vegfa // vascular endothelial growth factor A // 17 C|17 24.2 cM	Vegfa	1.13967E-08	-2.76391	Week 2 down vs Week 1
10579799	NM_145599 // Tmem184c // transmembrane protein 184C // 8 C1 // 234463 /// ENSMUS	Tmem184c	3.05611E-09	-2.76389	Week 2 down vs Week 1
10338303	---		8.64194E-05	-2.76325	Week 2 down vs Week 1
10358607	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	4.71299E-07	-2.76213	Week 2 down vs Week 1
10341513	---		9.60485E-07	-2.7621	Week 2 down vs Week 1
10344157	---		6.80676E-09	-2.76155	Week 2 down vs Week 1
10602033	NM_016675 // Cldn2 // claudin 2 // X F1 // 12738 /// ENSMUST00000054889 // Cldn2	Cldn2	7.72643E-08	-2.75947	Week 2 down vs Week 1
10484389	NM_011576 // Tfpi // tissue factor pathway inhibitor // 2 D // 21788 /// ENSMUST	Tfpi	3.4837E-07	-2.75852	Week 2 down vs Week 1
10340069	---		0.000122435	-2.75673	Week 2 down vs Week 1
10369835	NM_178621 // Phyhipl // phytanoyl-CoA hydroxylase interacting protein-like // 10	Phyhipl	0.000161917	-2.75485	Week 2 down vs Week 1
10343853	---		1.05449E-06	-2.7544	Week 2 down vs Week 1
10436372	NM_028523 // Dcbld2 // discoidin, CUB and LCCL domain containing 2 // 16 C1.2 //	Dcbld2	6.19944E-08	-2.75154	Week 2 down vs Week 1
10339483	---		9.51212E-09	-2.75136	Week 2 down vs Week 1
10492169	NM_010750 // Mab21l1 // mab-21-like 1 (C. elegans) // 3 E3-F1 // 17116 /// ENSMU	Mab21l1	3.45201E-05	-2.75092	Week 2 down vs Week 1
10340126	---		1.97182E-05	-2.75091	Week 2 down vs Week 1
10436636	NM_001113208 // Ncam2 // neural cell adhesion molecule 2 // 16 56.0 cM // 17968	Ncam2	9.53739E-07	-2.75043	Week 2 down vs Week 1
10344420	---		4.06093E-06	-2.74955	Week 2 down vs Week 1
10340952	---		0.000750838	-2.74955	Week 2 down vs Week 1
10343951	---		6.01515E-07	-2.74864	Week 2 down vs Week 1
10360789	NM_007853 // Degs1 // degenerative spermatocyte homolog 1 (Drosophila) // 1 H5 /	Degs1	2.80826E-07	-2.74822	Week 2 down vs Week 1
10339048	---		5.15139E-05	-2.74799	Week 2 down vs Week 1
10535577	NM_177735 // Tmem130 // transmembrane protein 130 // 5 G2 // 243339 /// ENSMUST0	Tmem130	7.84679E-06	-2.7478	Week 2 down vs Week 1
10494423	NM_027126 // Hfe2 // hemochromatosis type 2 (juvenile) (human homolog) // 3 F2.1	Hfe2	6.17232E-05	-2.74709	Week 2 down vs Week 1
10341534	---		1.35788E-07	-2.7459	Week 2 down vs Week 1
10580382	NM_001081324 // Neto2 // neuropilin (NRP) and tolloid (TLL)-like 2 // 8 C4 // 74	Neto2	4.92371E-10	-2.74473	Week 2 down vs Week 1
10353192	NM_010164 // Eya1 // eyes absent 1 homolog (Drosophila) // 1 A3|1 10.4 cM // 140	Eya1	5.58536E-06	-2.74382	Week 2 down vs Week 1
10483770	NM_001110209 // Lnp // limb and neural patterns // 2 C3 // 69605 /// NM_027133 /	Lnp	8.97034E-10	-2.74342	Week 2 down vs Week 1
10343609	---		0.00553175	-2.7426	Week 2 down vs Week 1
10342974	---		2.18151E-05	-2.7409	Week 2 down vs Week 1

10585988	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	1.26E-13	-2.74026	Week 2 down vs Week 1
10341285	---		7.32255E-07	-2.73981	Week 2 down vs Week 1
10343957	---		4.24636E-06	-2.73979	Week 2 down vs Week 1
10476482	NM_029530 // 6330527O06Rik // RIKEN cDNA 6330527O06 gene // 2 F3 // 76161 /// EN	6330527O06Rik	3.51354E-05	-2.73948	Week 2 down vs Week 1
10403584	NM_010917 // Nid1 // nidogen 1 // 13 A1|13 7.0 cM // 18073 /// ENSMUST0000000553	Nid1	1.00704E-05	-2.73858	Week 2 down vs Week 1
10432404	NM_011653 // Tuba1a // tubulin, alpha 1A // 15 F1|15 60.4 cM // 22142 /// ENSMUS	Tuba1a	3.54975E-10	-2.73676	Week 2 down vs Week 1
10571241	NM_001098233 // Purg // purine-rich element binding protein G // 8 A4 // 75029 /	Purg	1.84028E-08	-2.73676	Week 2 down vs Week 1
10346015	NM_009930 // Col3a1 // collagen, type III, alpha 1 // 1 C1.1|1 25.0 cM // 12825	Col3a1	1.87663E-05	-2.73592	Week 2 down vs Week 1
10584561	NM_133733 // 9030425E11Rik // RIKEN cDNA 9030425E11 gene // 9 A5.1 // 71566 ///	9030425E11Rik	8.60092E-07	-2.7358	Week 2 down vs Week 1
10401713	NM_153415 // Pomt2 // protein-O-mannosyltransferase 2 // 12 D2 // 217734 /// ENS	Pomt2	9.5E-14	-2.73559	Week 2 down vs Week 1
10373113	NM_008447 // Kif5a // kinesin family member 5A // 10 D3|10 70.0 cM // 16572 ///	Kif5a	0.00808318	-2.73511	Week 2 down vs Week 1
10340550	---		3.40796E-06	-2.73483	Week 2 down vs Week 1
10338833	---		2.50396E-06	-2.73399	Week 2 down vs Week 1
10570573	NM_026792 // Agpat5 // 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosp	Agpat5	3.81403E-10	-2.73345	Week 2 down vs Week 1
10565089	NM_007755 // Cpeb1 // cytoplasmic polyadenylation element binding protein 1 // 7	Cpeb1	1.71738E-10	-2.7332	Week 2 down vs Week 1
10573924	NM_008610 // Mmp2 // matrix metallopeptidase 2 // 8 C5|8 44.0 cM // 17390 /// EN	Mmp2	2.93042E-05	-2.73218	Week 2 down vs Week 1
10485361	BC025075 // B230118H07Rik // RIKEN cDNA B230118H07 gene // 2 E2|2 56.0 cM // 681	B230118H07Rik	2.929E-12	-2.73166	Week 2 down vs Week 1
10487906	NM_018824 // Slc23a2 // solute carrier family 23 (nucleobase transporters), memb	Slc23a2	1.13565E-09	-2.72999	Week 2 down vs Week 1
10572130	NM_008509 // Lpl // lipoprotein lipase // 8 B3.3|8 33.0 cM // 16956 /// ENSMUST0	Lpl	1.69704E-05	-2.72946	Week 2 down vs Week 1
10341019	---		2.78698E-05	-2.72855	Week 2 down vs Week 1
10427904	BC050864 // Fbxl7 // F-box and leucine-rich repeat protein 7 // 15 B1 // 448987	Fbxl7	7.15681E-09	-2.72696	Week 2 down vs Week 1
10344084	---		8.23046E-07	-2.72693	Week 2 down vs Week 1
10522024	NM_019636 // Tbc1d1 // TBC1 domain family, member 1 // 5 C3.1 // 57915 /// ENSMU	Tbc1d1	9.15487E-09	-2.72678	Week 2 down vs Week 1
10340430	---		0.00162827	-2.72437	Week 2 down vs Week 1
10358660	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.33718E-06	-2.72356	Week 2 down vs Week 1
10557177	NM_008855 // Prkcb // protein kinase C, beta // 7 F3|7 60.0 cM // 18751 /// ENSM	Prkcb	5.47692E-09	-2.7233	Week 2 down vs Week 1
10339783	---		3.61912E-05	-2.72317	Week 2 down vs Week 1
10473847	NM_007387 // Acp2 // acid phosphatase 2, lysosomal // 2 E1|2 52.0 cM // 11432 //	Acp2	2.89319E-10	-2.72293	Week 2 down vs Week 1
10339538	---		7.10779E-08	-2.72184	Week 2 down vs Week 1
10338625	---		4.93162E-05	-2.7215	Week 2 down vs Week 1
10455135	NM_053146 // Pcdhb21 // protocadherin beta 21 // 18 B3 // 93892 /// ENSMUST00000	Pcdhb21	5.15804E-09	-2.72095	Week 2 down vs Week 1
10341287	---		2.22937E-05	-2.72006	Week 2 down vs Week 1
10536369	NM_052993 // C1galt1 // core 1 synthase, glycoprotein-N-acetylgalactosamine 3-be	C1galt1	3.65778E-08	-2.71944	Week 2 down vs Week 1
10380285	NM_026433 // Tmem100 // transmembrane protein 100 // 11 C // 67888 /// ENSMUST00	Tmem100	7.70474E-05	-2.71806	Week 2 down vs Week 1
10591773	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	2.01639E-10	-2.71766	Week 2 down vs Week 1
10591112	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	6.62286E-06	-2.71623	Week 2 down vs Week 1
10603833	NM_023211 // Usmg5 // upregulated during skeletal muscle growth 5 // 19 D2 // 66	Usmg5	1.95194E-09	-2.7151	Week 2 down vs Week 1
10343386	---		0.000274307	-2.7134	Week 2 down vs Week 1
10359624	NM_175686 // Prrx1 // paired related homeobox 1 // 1 H2.1|1 85.4 cM // 18933 ///	Prrx1	3.56084E-06	-2.70954	Week 2 down vs Week 1
10343899	---		0.000204213	-2.70626	Week 2 down vs Week 1
10427590	NM_148938 // Slc1a3 // solute carrier family 1 (glial high affinity glutamate tr	Slc1a3	0.000172341	-2.70615	Week 2 down vs Week 1
10601844	NM_198161 // Bhlhb9 // basic helix-loop-helix domain containing, class B9 // X F	Bhlhb9	3.0893E-09	-2.70605	Week 2 down vs Week 1
10403108	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	6.11382E-10	-2.70554	Week 2 down vs Week 1
10341960	---		6.35996E-05	-2.70545	Week 2 down vs Week 1
10342235	---		6.54752E-06	-2.70519	Week 2 down vs Week 1
10447190	NM_177606 // Plekhh2 // pleckstrin homology domain containing, family H (with My	Plekhh2	4.74819E-09	-2.70492	Week 2 down vs Week 1
10343956	---		1.42611E-05	-2.70386	Week 2 down vs Week 1
10603289	NM_016691 // Clcn5 // chloride channel 5 // X A1.1|X 0.8 cM // 12728 /// ENSMUST	Clcn5	3.21756E-10	-2.70315	Week 2 down vs Week 1
10606835	NM_009749 // Bex2 // brain expressed X-linked 2 // X F1|X 57.5 cM // 12069 /// E	Bex2	2.52347E-05	-2.70299	Week 2 down vs Week 1
10521498	NM_007765 // Crmp1 // collapsin response mediator protein 1 // 5 B3|5 21.0 cM //	Crmp1	3.31936E-05	-2.70178	Week 2 down vs Week 1
10342986	---		1.99175E-06	-2.69955	Week 2 down vs Week 1
10341979	---		1.38637E-07	-2.69934	Week 2 down vs Week 1
10494445	ENSMUST00000062058 // Lix1l // Lix1-like // 3 F2.1 // 280411	Lix1l	4.54648E-06	-2.69932	Week 2 down vs Week 1
10501555	NM_007446 // Amy1 // amylase 1, salivary // 3 F3|3 50.0 cM // 11722 /// NM_00111	Amy1	3.14784E-05	-2.69904	Week 2 down vs Week 1
10604743	NR_002903 // Snord61 // small nucleolar RNA, C/D box 61 // X A5 // 353374	Snord61	4.74317E-08	-2.69787	Week 2 down vs Week 1
10408693	NM_028784 // F13a1 // coagulation factor XIII, A1 subunit // 13 A3.3 // 74145 //	F13a1	1.93025E-08	-2.69648	Week 2 down vs Week 1
10483865	NM_010222 // Fkbp7 // FK506 binding protein 7 // 2 C3|2 60.5 cM // 14231 /// ENS	Fkbp7	0.00001079	-2.69648	Week 2 down vs Week 1
10339163	---		6.04353E-07	-2.69618	Week 2 down vs Week 1
10343697	---		9.3057E-11	-2.69609	Week 2 down vs Week 1
10591131	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	1.58619E-08	-2.69601	Week 2 down vs Week 1
10338936	---		1.31618E-05	-2.69542	Week 2 down vs Week 1
10340641	---		4.21407E-06	-2.69514	Week 2 down vs Week 1
10431564	NM_009948 // Cpt1b // carnitine palmitoyltransferase 1b, muscle // 15 E3|15 52.6	Cpt1b	2.73275E-05	-2.69409	Week 2 down vs Week 1
10400023	NM_025359 // Tspan13 // tetraspanin 13 // 12 B2 // 66109 /// ENSMUST00000020896	Tspan13	4.46705E-06	-2.69367	Week 2 down vs Week 1
10342420	---		0.000205654	-2.6935	Week 2 down vs Week 1

10474129	NM_173749 // Pamr1 // peptidase domain containing associated with muscle regener	Pamr1	9.79933E-09	-2.69299	Week 2 down vs Week 1
10344103	---		1.00528E-09	-2.69225	Week 2 down vs Week 1
10355084	NM_001160038 // Ndufs1 // NADH dehydrogenase (ubiquinone) Fe-S protein 1 // 1 C2	Ndufs1	3.14389E-10	-2.69214	Week 2 down vs Week 1
10342036	---		1.04842E-05	-2.69132	Week 2 down vs Week 1
10549653	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	1.9928E-11	-2.69127	Week 2 down vs Week 1
10374356	NM_145967 // Vstm2a // V-set and transmembrane domain containing 2A // 11 A2 //	Vstm2a	1.38752E-07	-2.68854	Week 2 down vs Week 1
10518835	NM_001081557 // Camta1 // calmodulin binding transcription activator 1 // 4 E2 /	Camta1	2.72219E-05	-2.68828	Week 2 down vs Week 1
10343308	---		3.45288E-08	-2.6878	Week 2 down vs Week 1
10397683	NM_198311 // Ttc8 // tetratricopeptide repeat domain 8 // 12 E // 76260 /// NM_0	Ttc8	5.0073E-08	-2.6865	Week 2 down vs Week 1
10339273	---		7.53047E-06	-2.68512	Week 2 down vs Week 1
10358652	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	6.30046E-05	-2.6849	Week 2 down vs Week 1
10342682	---		0.000144541	-2.68457	Week 2 down vs Week 1
10431697	NM_011994 // Abcd2 // ATP-binding cassette, sub-family D (ALD), member 2 // 15 E	Abcd2	3.98283E-10	-2.68345	Week 2 down vs Week 1
10339863	---		1.46707E-08	-2.68315	Week 2 down vs Week 1
10344478	---		3.23452E-05	-2.68089	Week 2 down vs Week 1
10422728	NM_023118 // Dab2 // disabled homolog 2 (Drosophila) // 15 A|15 6.7 cM // 13132	Dab2	2.15592E-05	-2.68077	Week 2 down vs Week 1
10451547	XM_001480078 // Gm16494 // predicted gene 16494 // 17 C|17 // 100043385	Gm16494	4.04017E-08	-2.68056	Week 2 down vs Week 1
10506188	NM_028132 // Pgm2 // phosphoglucomutase 2 // 4 C6|4 45.8 cM // 72157 /// BC00852	Pgm2	4.65643E-08	-2.68033	Week 2 down vs Week 1
10344600	---		5.28033E-07	-2.68002	Week 2 down vs Week 1
10356177	NM_152915 // Dner // delta/notch-like EGF-related receptor // 1 C5 // 227325 ///	Dner	7.31238E-06	-2.67948	Week 2 down vs Week 1
10579659	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	2.75403E-10	-2.67452	Week 2 down vs Week 1
10340055	---		4.1988E-07	-2.6742	Week 2 down vs Week 1
10343900	---		8.30776E-06	-2.67274	Week 2 down vs Week 1
10469358	NM_008625 // Mrc1 // mannose receptor, C type 1 // 2 A2|2 5.0 cM // 17533 /// EN	Mrc1	1.35861E-07	-2.67262	Week 2 down vs Week 1
10409061	---		8.12587E-10	-2.67054	Week 2 down vs Week 1
10338681	---		8.82622E-05	-2.67053	Week 2 down vs Week 1
10358613	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.20104E-06	-2.67032	Week 2 down vs Week 1
10488415	NM_009976 // Cst3 // cystatin C // 2 G3|2 84.0 cM // 13010 /// ENSMUST0000002893	Cst3	1.59479E-08	-2.66968	Week 2 down vs Week 1
10565612	BC026557 // 1810020D17Rik // RIKEN cDNA 1810020D17 gene // 7 E2 // 66273 /// BC0	1810020D17Rik	2.52478E-10	-2.6687	Week 2 down vs Week 1
10340236	---		6.06503E-06	-2.6678	Week 2 down vs Week 1
10339794	---		0.000051922	-2.66748	Week 2 down vs Week 1
10475625	NM_025613 // Eid1 // EP300 interacting inhibitor of differentiation 1 // 2 F1 //	Eid1	3.85605E-08	-2.6674	Week 2 down vs Week 1
10353311	NM_020604 // Jph1 // junctophilin 1 // 1 A4 // 57339 /// ENSMUST00000038382 // J	Jph1	3.29516E-05	-2.66664	Week 2 down vs Week 1
10358583	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.97878E-07	-2.66408	Week 2 down vs Week 1
10341102	---		4.93008E-09	-2.66249	Week 2 down vs Week 1
10436892	NM_010587 // Itsn1 // intersectin 1 (SH3 domain protein 1A) // 16 C3.3-C4 // 164	Itsn1	6.4365E-11	-2.66242	Week 2 down vs Week 1
10342002	---		5.11236E-05	-2.66085	Week 2 down vs Week 1
10338200	---		2.76269E-06	-2.66049	Week 2 down vs Week 1
10541545	NM_026267 // Necap1 // NECAP endocytosis associated 1 // 6 F2 // 67602 /// ENSMU	Necap1	8.6401E-11	-2.66011	Week 2 down vs Week 1
10338895	---		1.42E-13	-2.65969	Week 2 down vs Week 1
10339241	---		1.36522E-06	-2.65914	Week 2 down vs Week 1
10340159	---		9.17101E-09	-2.65796	Week 2 down vs Week 1
10372028	NM_018797 // Plxnc1 // plexin C1 // 10 C3 // 54712 /// ENSMUST00000099337 // Plx	Plxnc1	1.7326E-08	-2.65666	Week 2 down vs Week 1
10396094	NM_027117 // Klhdc2 // kelch domain containing 2 // 12 C3|12 30.0 cM // 69554 //	Klhdc2	5.39213E-10	-2.65285	Week 2 down vs Week 1
10342217	---		6.32056E-07	-2.65255	Week 2 down vs Week 1
10342981	---		9.90401E-06	-2.65065	Week 2 down vs Week 1
10570201	NM_015804 // Atp11a // ATPase, class VI, type 11A // 8 A2 // 50770 /// ENSMUST00	Atp11a	2.41436E-08	-2.65	Week 2 down vs Week 1
10342808	---		5.22036E-06	-2.64941	Week 2 down vs Week 1
10501567	NM_001038696 // Rnpc3 // RNA-binding region (RNP1, RRM) containing 3 // 3 G1 //	Rnpc3	4.30944E-09	-2.64863	Week 2 down vs Week 1
10518408	NM_011122 // Plod1 // procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1 // 4 E2	Plod1	2.59037E-07	-2.64735	Week 2 down vs Week 1
10377560	NM_026991 // Sat2 // spermidine/spermine N1-acetyl transferase 2 // 11 B4 // 692	Sat2	5.0614E-11	-2.64684	Week 2 down vs Week 1
10586718	NM_177159 // 9530091C08Rik // RIKEN cDNA 9530091C08 gene // 9 C // 320440	9530091C08Rik	1.02627E-09	-2.6463	Week 2 down vs Week 1
10517141	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	2.47178E-10	-2.64608	Week 2 down vs Week 1
10605820	NM_001003916 // Zc4h2 // zinc finger, C4H2 domain containing // X C3 // 245522 /	Zc4h2	6.3166E-11	-2.64581	Week 2 down vs Week 1
10531869	NM_009158 // Mapk10 // mitogen-activated protein kinase 10 // 5 E5 // 26414 ///	Mapk10	1.12296E-05	-2.64532	Week 2 down vs Week 1
10378681	NM_008916 // Inpp5k // inositol polyphosphate 5-phosphatase K // 11 B5|11 44.12	Inpp5k	6.67505E-08	-2.64253	Week 2 down vs Week 1
10425335	NM_207708 // Syngr1 // synaptogyrin 1 // 15 E1 // 20972 /// NM_009303 // Syngr1	Syngr1	1.96511E-08	-2.64238	Week 2 down vs Week 1
10589756	NM_175266 // Epm2aip1 // EPM2A (laforin) interacting protein 1 // 9 F3 // 77781	Epm2aip1	9.629E-12	-2.64224	Week 2 down vs Week 1
10344397	---		2.58535E-06	-2.63979	Week 2 down vs Week 1
10414163	NM_146245 // Lrit1 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit1	0.000232542	-2.63973	Week 2 down vs Week 1
10425611	NM_080633 // Aco2 // aconitase 2, mitochondrial // 15 E1 // 11429 /// ENSMUST000	Aco2	4.94253E-10	-2.63939	Week 2 down vs Week 1
10340462	---		8.96378E-05	-2.63937	Week 2 down vs Week 1
10597817	NM_031161 // Cck // cholecystokinin // 9 F4|9 71.0 cM // 12424 /// ENSMUST000000	Cck	8.17105E-08	-2.63883	Week 2 down vs Week 1
10339120	---		4.77178E-05	-2.63796	Week 2 down vs Week 1
10413657	NM_029626 // Glt8d1 // glycosyltransferase 8 domain containing 1 // 14 B // 7648	Glt8d1	8.3285E-11	-2.63742	Week 2 down vs Week 1

10343366	---		0.000145437	-2.637	Week 2 down vs Week 1
10388465	NM_007873 // Doc2b // double C2, beta // 11 B5 // 13447 /// ENSMUST00000021209 /	Doc2b	3.00858E-05	-2.63602	Week 2 down vs Week 1
10343641	---		0.000026222	-2.63583	Week 2 down vs Week 1
10343705	---		7.20172E-06	-2.63556	Week 2 down vs Week 1
10596583	NM_153413 // Dock3 // dedicator of cyto-kinesis 3 // 9 F1 // 208869 /// ENSMUST0	Dock3	4.21003E-08	-2.63474	Week 2 down vs Week 1
10513208	NM_022814 // Svep1 // sushi, von Willebrand factor type A, EGF and pentraxin dom	Svep1	2.15118E-06	-2.63441	Week 2 down vs Week 1
10440562	NM_001081068 // Rnf160 // ring finger protein 160 // 16 C3.3 // 78913 /// ENSMUS	Rnf160	7.51413E-09	-2.63349	Week 2 down vs Week 1
10440393	NM_023380 // Samsn1 // SAM domain, SH3 domain and nuclear localization signals,	Samsn1	1.71014E-05	-2.63292	Week 2 down vs Week 1
10521757	---		1.94114E-08	-2.6314	Week 2 down vs Week 1
10419525	BC137729 // A930018M24Rik // RIKEN cDNA A930018M24 gene // 14 C1 // 328399	A930018M24Rik	5.44438E-06	-2.63114	Week 2 down vs Week 1
10482200	NM_146122 // Dennd1a // DENN/MADD domain containing 1A // 2 B // 227801 /// ENSM	Dennd1a	2.5114E-09	-2.63096	Week 2 down vs Week 1
10366229	NM_001039354 // Lin7a // lin-7 homolog A (C. elegans) // 10 D1 // 108030 /// NM_	Lin7a	1.26822E-05	-2.63093	Week 2 down vs Week 1
10527940	NM_011074 // Pftk1 // PFTAIRE protein kinase 1 // 5 A1|5 0.0 cM // 18647 /// ENS	Pftk1	1.99495E-07	-2.63078	Week 2 down vs Week 1
10342863	---		9.99014E-07	-2.62894	Week 2 down vs Week 1
10341517	---		0.000382358	-2.62845	Week 2 down vs Week 1
10407511	---		1.4104E-08	-2.62686	Week 2 down vs Week 1
10342377	---		4.00162E-06	-2.62613	Week 2 down vs Week 1
10491455	NM_001113188 // Fxr1 // fragile X mental retardation gene 1, autosomal homolog /	Fxr1	3.1991E-10	-2.62563	Week 2 down vs Week 1
10343663	---		6.24001E-05	-2.62529	Week 2 down vs Week 1
10343067	---		1.63311E-09	-2.62478	Week 2 down vs Week 1
10342441	---		0.000173873	-2.62451	Week 2 down vs Week 1
10343910	---		4.38432E-06	-2.62442	Week 2 down vs Week 1
10352867	NM_008882 // Plxna2 // plexin A2 // --- // 18845 /// ENSMUST00000027952 // Plxna	Plxna2	7.99081E-10	-2.62406	Week 2 down vs Week 1
10607302	NM_198110 // Gnl3l // guanine nucleotide binding protein-like 3 (nucleolar)-like	Gnl3l	4.0965E-10	-2.62376	Week 2 down vs Week 1
10592802	NM_027909 // C2cd2l // C2 calcium-dependent domain containing 2-like // 9 B // 7	C2cd2l	2.70376E-06	-2.62369	Week 2 down vs Week 1
10358656	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.60158E-06	-2.62344	Week 2 down vs Week 1
10343523	---		3.15708E-06	-2.62344	Week 2 down vs Week 1
10600524	NM_011692 // Vbp1 // von Hippel-Lindau binding protein 1 // X A7.3|X 30.8 cM //	Vbp1	6.54174E-08	-2.62208	Week 2 down vs Week 1
10358533	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	7.92455E-05	-2.62205	Week 2 down vs Week 1
10350341	---		6.1316E-06	-2.62031	Week 2 down vs Week 1
10341305	---		1.27221E-05	-2.61862	Week 2 down vs Week 1
10363669	NM_013888 // Dnajc12 // DnaJ (Hsp40) homolog, subfamily C, member 12 // 10 B4 //	Dnajc12	1.07613E-08	-2.61759	Week 2 down vs Week 1
10595695	NM_009573 // Zic1 // zinc finger protein of the cerebellum 1 // 9 E3.3|9 61.0 cM	Zic1	9.98197E-05	-2.617	Week 2 down vs Week 1
10503206	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.57022E-08	-2.61439	Week 2 down vs Week 1
10503188	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.32859E-08	-2.61389	Week 2 down vs Week 1
10342589	---		0.000156052	-2.61349	Week 2 down vs Week 1
10346764	NM_198127 // Abi2 // abl-interactor 2 // 1 C2 // 329165 /// ENSMUST00000052332 /	Abi2	1.41358E-09	-2.61262	Week 2 down vs Week 1
10436594	---		4.02568E-08	-2.6124	Week 2 down vs Week 1
10358569	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.20932E-07	-2.61237	Week 2 down vs Week 1
10479726	NM_153594 // Pcmtd2 // protein-L-isoaspartate (D-aspartate) O-methyltransferase	Pcmtd2	4.42801E-08	-2.61201	Week 2 down vs Week 1
10503659	NM_010141 // Epha7 // Eph receptor A7 // 4 A4|4 1.9 cM // 13841 /// NM_001122889	Epha7	4.17083E-09	-2.61046	Week 2 down vs Week 1
10355785	BC021773 // Glb1l // galactosidase, beta 1-like // 1 C3 // 74577 /// BC057896 //	Glb1l	1.73832E-10	-2.60862	Week 2 down vs Week 1
10500808	NM_133859 // Olfml3 // olfactomedin-like 3 // 3 F2.2 // 99543 /// ENSMUST0000002	Olfml3	3.93668E-06	-2.60847	Week 2 down vs Week 1
10344152	---		2.72727E-05	-2.60787	Week 2 down vs Week 1
10519913	NM_015823 // Magi2 // membrane associated guanylate kinase, WW and PDZ domain co	Magi2	2.69516E-09	-2.60693	Week 2 down vs Week 1
10400350	NM_007688 // Cfl2 // cofilin 2, muscle // 12 C1 // 12632 /// ENSMUST00000078124	Cfl2	1.63163E-08	-2.60539	Week 2 down vs Week 1
10340289	---		0.000202182	-2.60515	Week 2 down vs Week 1
10366337	NM_001146707 // Nap1l1 // nucleosome assembly protein 1-like 1 // 10 D1|10 60.0	Nap1l1	5.2348E-08	-2.60434	Week 2 down vs Week 1
10604922	NM_001033328 // BC023829 // cDNA sequence BC023829 // X A7.1-A7.2 // 236848 ///	BC023829	8.229E-10	-2.60327	Week 2 down vs Week 1
10494262	NM_007802 // Ctsk // cathepsin K // 3 F2.1|3 47.9 cM // 13038 /// ENSMUST0000001	Ctsk	1.18409E-05	-2.60195	Week 2 down vs Week 1
10338276	---		2.16441E-07	-2.6019	Week 2 down vs Week 1
10569278	ENSMUST00000051217 // 5530400B01Rik // RIKEN cDNA 5530400B01 gene // 7 F5 // 714	5530400B01Rik	2.37895E-06	-2.60181	Week 2 down vs Week 1
10417183	NM_144844 // Pcca // propionyl-Coenzyme A carboxylase, alpha polypeptide // 14 E	Pcca	2.5938E-11	-2.60095	Week 2 down vs Week 1
10410931	NM_001081249 // Vcan // versican // 13 C3|13 55.0 cM // 13003 /// NM_019389 // V	Vcan	3.25855E-06	-2.60073	Week 2 down vs Week 1
10341961	---		6.31352E-06	-2.5993	Week 2 down vs Week 1
10378848	NM_010480 // Hsp90aa1 // heat shock protein 90, alpha (cytosolic), class A membe	Hsp90aa1	3.19979E-07	-2.59794	Week 2 down vs Week 1
10338348	---		8.33399E-09	-2.59787	Week 2 down vs Week 1
10520043	NM_029990 // Lhfpl3 // lipoma HMGIC fusion partner-like 3 // 5 A3 // 269629 ///	Lhfpl3	4.67064E-06	-2.59729	Week 2 down vs Week 1
10560174	NM_009156 // Sepw1 // selenoprotein W, muscle 1 // 7 A2 // 20364 /// ENSMUST0000	Sepw1	2.12236E-08	-2.59702	Week 2 down vs Week 1
10599884	NM_001161431 // Slitrk2 // SLIT and NTRK-like family, member 2 // X A5 // 245450	Slitrk2	2.60483E-05	-2.59694	Week 2 down vs Week 1
10514088	NM_177863 // Frem1 // Fras1 related extracellular matrix protein 1 // 4 C3 // 32	Frem1	2.12722E-08	-2.59675	Week 2 down vs Week 1
10341333	---		8.49449E-07	-2.59575	Week 2 down vs Week 1
10340310	---		0.000329911	-2.59559	Week 2 down vs Week 1
10403193	NM_009239 // Sp4 // trans-acting transcription factor 4 // 12 F2|12 60.0 cM // 2	Sp4	8.86616E-08	-2.59544	Week 2 down vs Week 1
10358617	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	6.34555E-06	-2.59522	Week 2 down vs Week 1

10344973	NM_010267 // Gdap1 // ganglioside-induced differentiation-associated-protein 1 /	Gdap1	2.26843E-05	-2.59489	Week 2 down vs Week 1
10435765	---		1.59792E-06	-2.59404	Week 2 down vs Week 1
10343865	---		8.68132E-07	-2.5939	Week 2 down vs Week 1
10343959	---		2.34937E-06	-2.59338	Week 2 down vs Week 1
10358668	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000177288	-2.59235	Week 2 down vs Week 1
10343416	---		3.87472E-07	-2.58999	Week 2 down vs Week 1
10503186	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.29191E-08	-2.58976	Week 2 down vs Week 1
10571601	NM_016798 // Pdlim3 // PDZ and LIM domain 3 // 8 B1.1 // 53318 /// ENSMUST000000	Pdlim3	0.000217488	-2.5896	Week 2 down vs Week 1
10456719	---		4.96077E-07	-2.58938	Week 2 down vs Week 1
10360920	NM_009367 // Tgfb2 // transforming growth factor, beta 2 // 1 H5|1 101.5 cM // 2	Tgfb2	4.71385E-08	-2.58873	Week 2 down vs Week 1
10340662	---		6.33685E-05	-2.58824	Week 2 down vs Week 1
10344138	---		3.55348E-07	-2.58398	Week 2 down vs Week 1
10591118	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	9.84073E-07	-2.58212	Week 2 down vs Week 1
10341406	---		3.94233E-05	-2.58211	Week 2 down vs Week 1
10368647	NM_172508 // Dse // dermatan sulfate epimerase // 10 B1 // 212898 /// ENSMUST000	Dse	1.75389E-07	-2.58205	Week 2 down vs Week 1
10479950	NM_001110231 // Cugbp2 // CUG triplet repeat, RNA binding protein 2 // 2 A2-A3 /	Cugbp2	1.4374E-10	-2.58075	Week 2 down vs Week 1
10342271	---		0.00101505	-2.58055	Week 2 down vs Week 1
10503208	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	9.91084E-07	-2.58044	Week 2 down vs Week 1
10501468	NM_030699 // Ntng1 // netrin G1 // 3 F3 // 80883 /// ENSMUST00000106575 // Ntng1	Ntng1	7.64798E-10	-2.57985	Week 2 down vs Week 1
10340373	---		2.65721E-08	-2.57909	Week 2 down vs Week 1
10504424	NM_016678 // Reck // reversion-inducing-cysteine-rich protein with kazal motifs	Reck	5.31314E-05	-2.57792	Week 2 down vs Week 1
10565634	NM_008663 // Myo7a // myosin VIIA // 7 E2|7 48.1 cM // 17921 /// ENSMUST00000107	Myo7a	2.61321E-07	-2.57523	Week 2 down vs Week 1
10413932	NM_178791 // E130203B14Rik // RIKEN cDNA E130203B14 gene // 14 B // 320736 /// E	E130203B14Rik	8.98344E-06	-2.57505	Week 2 down vs Week 1
10373530	NM_183417 // Cdk2 // cyclin-dependent kinase 2 // 10 D3 // 12566 /// NM_016756 /	Cdk2	6.34304E-08	-2.57479	Week 2 down vs Week 1
10340676	---		2.24096E-05	-2.57451	Week 2 down vs Week 1
10406941	NM_144838 // Sgtb // small glutamine-rich tetratricopeptide repeat (TPR)-contain	Sgtb	8.95316E-06	-2.57333	Week 2 down vs Week 1
10365991	NM_007884 // Epyc // epiphycan // 10 C2-C3|10 55.0 cM // 13516 /// ENSMUST000000	Epyc	0.000193519	-2.57257	Week 2 down vs Week 1
10339026	---		0.000162807	-2.57144	Week 2 down vs Week 1
10358571	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	4.42367E-07	-2.57078	Week 2 down vs Week 1
10358593	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	6.42985E-07	-2.57065	Week 2 down vs Week 1
10376245	NM_001113325 // Gria1 // glutamate receptor, ionotropic, AMPA1 (alpha 1) // 11 B	Gria1	0.000105215	-2.56901	Week 2 down vs Week 1
10339092	---		2.42848E-05	-2.56844	Week 2 down vs Week 1
10431726	NM_024189 // Yaf2 // YY1 associated factor 2 // 15 F1 // 67057 /// ENSMUST000000	Yaf2	3.18936E-10	-2.56798	Week 2 down vs Week 1
10489569	NM_011125 // Pltp // phospholipid transfer protein // 2 H3|2 93.0 cM // 18830 //	Pltp	8.42857E-06	-2.56796	Week 2 down vs Week 1
10600169	NM_007542 // Bgn // biglycan // X B|X 29.3 cM // 12111 /// ENSMUST00000033741 //	Bgn	0.000181169	-2.56725	Week 2 down vs Week 1
10341621	---		2.44029E-05	-2.56601	Week 2 down vs Week 1
10343468	---		9.81994E-09	-2.5655	Week 2 down vs Week 1
10523060	ENSMUST00000068250 // Gm9958 // predicted gene 9958 // --- // 791294	Gm9958	2.768E-12	-2.56462	Week 2 down vs Week 1
10586252	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	7.9718E-08	-2.5645	Week 2 down vs Week 1
10532660	NM_021352 // Crybb3 // crystallin, beta B3 // 5 F|5 60.0 cM // 12962 /// NM_0011	Crybb3	0.00599938	-2.56326	Week 2 down vs Week 1
10350840	NM_028333 // Angptl1 // angiopoietin-like 1 // 1 H1 // 72713 /// ENSMUST00000027	Angptl1	0.000156589	-2.56279	Week 2 down vs Week 1
10483381	NM_016866 // Stk39 // serine/threonine kinase 39, STE20/SPS1 homolog (yeast) //	Stk39	9.79837E-08	-2.56254	Week 2 down vs Week 1
10342934	---		2.47842E-05	-2.56106	Week 2 down vs Week 1
10338810	---		0.000811658	-2.55986	Week 2 down vs Week 1
10341992	---		8.29624E-08	-2.55968	Week 2 down vs Week 1
10343990	---		0.000088587	-2.55928	Week 2 down vs Week 1
10422013	NM_010636 // Klf12 // Kruppel-like factor 12 // --- // 16597 /// ENSMUST00000097	Klf12	6.14589E-08	-2.55918	Week 2 down vs Week 1
10417004	NM_025943 // Dzip1 // DAZ interacting protein 1 // 14 E4 // 66573 /// ENSMUST000	Dzip1	1.046E-12	-2.55867	Week 2 down vs Week 1
10344033	---		6.36073E-06	-2.55816	Week 2 down vs Week 1
10412066	NM_023852 // Rab3c // RAB3C, member RAS oncogene family // 13 D2.2 // 67295 ///	Rab3c	1.15487E-05	-2.55691	Week 2 down vs Week 1
10501629	NM_001080818 // Cdc14a // CDC14 cell division cycle 14 homolog A (S. cerevisiae)	Cdc14a	1.14373E-07	-2.55671	Week 2 down vs Week 1
10344381	---		0.000500869	-2.55596	Week 2 down vs Week 1
10489343	NM_013935 // Ptpla // protein tyrosine phosphatase-like (proline instead of cata	Ptpla	6.18655E-07	-2.55552	Week 2 down vs Week 1
10349249	NM_001081276 // Clasp1 // CLIP associating protein 1 // 1 E2 // 76707 /// NM_177	Clasp1	3.35385E-10	-2.55547	Week 2 down vs Week 1
10358595	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	3.94206E-06	-2.5553	Week 2 down vs Week 1
10339906	---		1.95875E-06	-2.55457	Week 2 down vs Week 1
10542414	NM_011216 // Ptpro // protein tyrosine phosphatase, receptor type, O // 6 G1 //	Ptpro	1.99938E-06	-2.55392	Week 2 down vs Week 1
10340785	---		1.53794E-06	-2.55338	Week 2 down vs Week 1
10343549	---		0.00012946	-2.55262	Week 2 down vs Week 1
10365208	NM_001024626 // Zfp873 // zinc finger protein 873 // 10 C1 // 408062 /// ENSMUST	Zfp873	8.5826E-11	-2.5523	Week 2 down vs Week 1
10476443	NM_013829 // Plcb4 // phospholipase C, beta 4 // 2 F3|2 77.0 cM // 18798 /// ENS	Plcb4	3.16487E-06	-2.55181	Week 2 down vs Week 1
10522217	NM_001001980 // Limch1 // LIM and calponin homology domains 1 // 5 C3.1 // 77569	Limch1	2.97571E-07	-2.55109	Week 2 down vs Week 1
10503202	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.54424E-06	-2.55069	Week 2 down vs Week 1
10529656	NM_010942 // Nsg1 // neuron specific gene family member 1 // 5 B3|5 21.0 cM // 1	Nsg1	1.57179E-07	-2.55045	Week 2 down vs Week 1
10339098	---		1.00503E-06	-2.54958	Week 2 down vs Week 1

10358991	AK129406 // BC034090 // cDNA sequence BC034090 // 1 G3 // 207792 /// ENSMUST0000	BC034090	1.27028E-07	-2.54957	Week 2 down vs Week 1
10517513	NM_007574 // C1qc // complement component 1, q subcomponent, C chain // 4 D3|4 6	C1qc	1.80909E-10	-2.54886	Week 2 down vs Week 1
10401359	NM_058212 // Dpf3 // D4, zinc and double PHD fingers, family 3 // --- // 70127 /	Dpf3	3.2424E-06	-2.54857	Week 2 down vs Week 1
10339567	---		3.81306E-05	-2.54826	Week 2 down vs Week 1
10363599	NM_027425 // Rufy2 // RUN and FYVE domain-containing 2 // 10 B4|10 32.0 cM // 70	Rufy2	5.9884E-11	-2.5479	Week 2 down vs Week 1
10388682	NM_144825 // Taok1 // TAO kinase 1 // 11 B5 // 216965 /// ENSMUST00000058496 //	Taok1	1.09868E-09	-2.54741	Week 2 down vs Week 1
10338304	---		6.80768E-05	-2.54679	Week 2 down vs Week 1
10358591	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	9.47284E-08	-2.54642	Week 2 down vs Week 1
10368409	NM_008481 // Lama2 // laminin, alpha 2 // 10 A4-B1|10 20.0 cM // 16773 /// ENSMU	Lama2	8.57948E-05	-2.54523	Week 2 down vs Week 1
10338845	---		4.62571E-05	-2.54489	Week 2 down vs Week 1
10438478	NM_013790 // Abcc5 // ATP-binding cassette, sub-family C (CFTR/MRP), member 5 //	Abcc5	3.46449E-09	-2.54397	Week 2 down vs Week 1
10585976	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	3.03572E-06	-2.5437	Week 2 down vs Week 1
10339014	---		4.7657E-07	-2.54353	Week 2 down vs Week 1
10344374	---		1.23679E-06	-2.54256	Week 2 down vs Week 1
10407286	ENSMUST00000078163 // BC067074 // cDNA sequence BC067074 // 13 D2.2 // 408066 //	BC067074	2.30934E-07	-2.542	Week 2 down vs Week 1
10341190	---		3.54175E-06	-2.54156	Week 2 down vs Week 1
10338272	---		6.75906E-06	-2.54141	Week 2 down vs Week 1
10358515	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000077512 /	Hmcn1	1.45279E-05	-2.54119	Week 2 down vs Week 1
10594501	NM_021345 // Ptplad1 // protein tyrosine phosphatase-like A domain containing 1	Ptplad1	7.78891E-08	-2.54095	Week 2 down vs Week 1
10585974	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	2.84035E-09	-2.54021	Week 2 down vs Week 1
10343500	---		8.37319E-05	-2.53951	Week 2 down vs Week 1
10344393	---		0.000173597	-2.53928	Week 2 down vs Week 1
10418950	NM_001039074 // Ldb3 // LIM domain binding 3 // 14 B // 24131 /// NM_011918 // L	Ldb3	0.000199162	-2.53919	Week 2 down vs Week 1
10458645	NM_028392 // Ppp2r2b // protein phosphatase 2 (formerly 2A), regulatory subunit	Ppp2r2b	2.46067E-05	-2.53877	Week 2 down vs Week 1
10342644	---		2.39051E-05	-2.53779	Week 2 down vs Week 1
10490826	NM_177660 // Zbtb10 // zinc finger and BTB domain containing 10 // 3 A1 // 22905	Zbtb10	8.05768E-08	-2.5377	Week 2 down vs Week 1
10369715	NM_182992 // Mypn // myopalladin // 10 B4 // 68802 /// ENSMUST00000095580 // Myp	Mypn	0.000339716	-2.53759	Week 2 down vs Week 1
10368999	NM_010349 // Grik2 // glutamate receptor, ionotropic, kainate 2 (beta 2) // 10 B	Grik2	2.8678E-07	-2.53628	Week 2 down vs Week 1
10421100	NM_008691 // Nefm // neurofilament, medium polypeptide // 14 D1 // 18040 /// ENS	Nefm	6.79989E-06	-2.53585	Week 2 down vs Week 1
10468287	NM_023211 // Usmg5 // upregulated during skeletal muscle growth 5 // 19 D2 // 66	Usmg5	6.29515E-09	-2.53522	Week 2 down vs Week 1
10338308	---		0.000542349	-2.53491	Week 2 down vs Week 1
10579543	NM_145598 // Nxnl1 // nucleoredoxin-like 1 // 8 B3.3 // 234404 /// BC021911 // N	Nxnl1	2.35028E-05	-2.53458	Week 2 down vs Week 1
10585956	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	2.40576E-07	-2.53441	Week 2 down vs Week 1
10339778	---		0.000127808	-2.53385	Week 2 down vs Week 1
10340229	---		8.64823E-07	-2.53357	Week 2 down vs Week 1
10342543	---		1.53546E-05	-2.53354	Week 2 down vs Week 1
10341007	---		9.06745E-05	-2.53346	Week 2 down vs Week 1
10420846	NM_021458 // Fzd3 // frizzled homolog 3 (Drosophila) // 14 D1|14 27.0 cM // 1436	Fzd3	6.42139E-09	-2.53333	Week 2 down vs Week 1
10587495	NM_022986 // Irak1bp1 // interleukin-1 receptor-associated kinase 1 binding prot	Irak1bp1	1.47046E-10	-2.53331	Week 2 down vs Week 1
10436169	NM_028680 // Ift57 // intraflagellar transport 57 homolog (Chlamydomonas) // 16	Ift57	5.4205E-11	-2.53305	Week 2 down vs Week 1
10395103	NM_181395 // Pxdn // peroxidasin homolog (Drosophila) // 12 A2 // 69675 /// ENSM	Pxdn	5.17426E-06	-2.53288	Week 2 down vs Week 1
10341721	---		5.26658E-05	-2.53226	Week 2 down vs Week 1
10512499	NM_009416 // Tpm2 // tropomyosin 2, beta // 4 B1 // 22004 /// ENSMUST00000030184	Tpm2	0.000289751	-2.5311	Week 2 down vs Week 1
10520544	NM_133350 // Mapre3 // microtubule-associated protein, RP/EB family, member 3 //	Mapre3	4.18187E-09	-2.5307	Week 2 down vs Week 1
10586227	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442 /// B	Dennd4a	9.6383E-11	-2.52955	Week 2 down vs Week 1
10444459	NM_031176 // Tnxb // tenascin XB // 17 B1|17 18.74 cM // 81877 /// ENSMUST000000	Tnxb	0.000147798	-2.52911	Week 2 down vs Week 1
10514000	NM_010820 // Mpdz // multiple PDZ domain protein // 4 C3|4 38.6 cM // 17475 ///	Mpdz	5.36091E-08	-2.529	Week 2 down vs Week 1
10389738	NM_019505 // Dgke // diacylglycerol kinase, epsilon // 11 C // 56077 /// ENSMUST	Dgke	7.4413E-06	-2.52897	Week 2 down vs Week 1
10342285	---		8.83629E-05	-2.52865	Week 2 down vs Week 1
10399825	NM_007861 // Dld // dihydrolipoamide dehydrogenase // 12 A3|12 15.1 cM // 13382	Dld	6.72985E-09	-2.52812	Week 2 down vs Week 1
10607499	NM_011077 // Phex // phosphate regulating gene with homologies to endopeptidases	Phex	2.22748E-08	-2.52712	Week 2 down vs Week 1
10436623	NM_139134 // Chodl // chondrolectin // 16 C3.2 // 246048 /// ENSMUST00000023568	Chodl	8.51761E-06	-2.52567	Week 2 down vs Week 1
10591816	NM_172920 // Dpy19l1 // dpy-19-like 1 (C. elegans) // 9 A4 // 244745 /// BC11678	Dpy19l1	6.21597E-09	-2.52539	Week 2 down vs Week 1
10340081	---		3.06331E-05	-2.52474	Week 2 down vs Week 1
10555303	NM_027629 // Pgm2l1 // phosphoglucomutase 2-like 1 // 7 F1 // 70974 /// ENSMUST0	Pgm2l1	3.2829E-07	-2.52456	Week 2 down vs Week 1
10428579	NM_010162 // Ext1 // exostoses (multiple) 1 // 15 C|15 26.55 cM // 14042 /// ENS	Ext1	1.33666E-10	-2.52371	Week 2 down vs Week 1
10341617	---		0.000127398	-2.52357	Week 2 down vs Week 1
10531201	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	9.90772E-06	-2.52254	Week 2 down vs Week 1
10603151	NM_023122 // Gpm6b // glycoprotein m6b // X F5 // 14758 /// ENSMUST00000060210 /	Gpm6b	0.00001854	-2.52215	Week 2 down vs Week 1
10490946	NM_010480 // Hsp90aa1 // heat shock protein 90, alpha (cytosolic), class A membe	Hsp90aa1	6.43022E-07	-2.52091	Week 2 down vs Week 1
10339395	---		2.30999E-05	-2.52074	Week 2 down vs Week 1
10339437	---		0.000130657	-2.52067	Week 2 down vs Week 1
10463737	AK144917 // Ina // internexin neuronal intermediate filament protein, alpha // 1	Ina	0.000043841	-2.52061	Week 2 down vs Week 1
10601874	NM_001029978 // Tceal3 // transcription elongation factor A (SII)-like 3 // X F1	Tceal3	1.64707E-08	-2.51951	Week 2 down vs Week 1
10412719	NM_028052 // Synpr // synaptoporin // 14 A2 // 72003 /// ENSMUST00000070323 // S	Synpr	2.72335E-07	-2.51919	Week 2 down vs Week 1

10399379	NM_008828 // Pgk1 // phosphoglycerate kinase 1 // X C-D|X 45.0 cM // 18655 /// E	Pgk1	3.381E-12	-2.51893	Week 2 down vs Week 1
10498313	NM_008828 // Pgk1 // phosphoglycerate kinase 1 // X C-D|X 45.0 cM // 18655 /// E	Pgk1	3.381E-12	-2.51893	Week 2 down vs Week 1
10343328	---		2.73196E-07	-2.51819	Week 2 down vs Week 1
10398364	---		8.98448E-09	-2.51763	Week 2 down vs Week 1
10341371	---		0.000129415	-2.51745	Week 2 down vs Week 1
10341500	---		7.33843E-05	-2.5171	Week 2 down vs Week 1
10594661	NM_024427 // Tpm1 // tropomyosin 1, alpha // 9 C|9 40.0 cM // 22003 /// ENSMUST0	Tpm1	2.70407E-05	-2.51661	Week 2 down vs Week 1
10343782	---		3.51904E-06	-2.51493	Week 2 down vs Week 1
10521626	NM_172274 // Cc2d2a // coiled-coil and C2 domain containing 2A // 5 B3 // 231214	Cc2d2a	1.6465E-11	-2.51467	Week 2 down vs Week 1
10499168	NM_130867 // Kirrel // kin of IRRE like (Drosophila) // 3 F1 // 170643 /// ENSMU	Kirrel	5.65298E-07	-2.51409	Week 2 down vs Week 1
10338933	---		3.29984E-05	-2.51365	Week 2 down vs Week 1
10379410	NM_021536 // Rhot1 // ras homolog gene family, member T1 // 11 B5|11 47.26 cM //	Rhot1	6.70328E-09	-2.51287	Week 2 down vs Week 1
10494509	NM_146135 // Pias3 // protein inhibitor of activated STAT 3 // 3 F2.1 // 229615	Pias3	4.60691E-08	-2.51201	Week 2 down vs Week 1
10477206	NM_001081044 // Mylk2 // myosin, light polypeptide kinase 2, skeletal muscle //	Mylk2	3.59486E-05	-2.51195	Week 2 down vs Week 1
10358545	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.83226E-06	-2.51171	Week 2 down vs Week 1
10394674	NM_007706 // Socs2 // suppressor of cytokine signaling 2 // 10 C2|10 52.0 cM //	Socs2	1.17501E-06	-2.51059	Week 2 down vs Week 1
10402615	NM_010480 // Hsp90aa1 // heat shock protein 90, alpha (cytosolic), class A membe	Hsp90aa1	2.95684E-07	-2.51004	Week 2 down vs Week 1
10338784	---		1.55416E-05	-2.50934	Week 2 down vs Week 1
10340007	---		1.36758E-05	-2.50819	Week 2 down vs Week 1
10340449	---		0.00000497	-2.50762	Week 2 down vs Week 1
10406434	NM_025282 // Mef2c // myocyte enhancer factor 2C // 13 C3|13 45.0 cM // 17260 //	Mef2c	0.000274678	-2.50747	Week 2 down vs Week 1
10358589	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	3.48089E-07	-2.50659	Week 2 down vs Week 1
10342490	---		1.3262E-11	-2.50617	Week 2 down vs Week 1
10453747	NM_130449 // Colec12 // collectin sub-family member 12 // 18 A1 // 140792 /// EN	Colec12	2.49805E-05	-2.50574	Week 2 down vs Week 1
10428513	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	5.59273E-08	-2.50528	Week 2 down vs Week 1
10358601	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	5.13951E-07	-2.50307	Week 2 down vs Week 1
10426689	NM_139140 // Spats2 // spermatogenesis associated, serine-rich 2 // 15 F1 // 725	Spats2	3.2798E-11	-2.50266	Week 2 down vs Week 1
10358662	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	4.41857E-06	-2.50194	Week 2 down vs Week 1
10436600	---		2.55682E-06	-2.50193	Week 2 down vs Week 1
10419170	NM_172597 // Txndc16 // thioredoxin domain containing 16 // 14 C1 // 70561 /// E	Txndc16	4.87532E-09	-2.50129	Week 2 down vs Week 1
10596051	NM_001101483 // Tmem22 // transmembrane protein 22 // 9 E3.3-E4 // 245020 /// EN	Tmem22	5.20521E-07	-2.50121	Week 2 down vs Week 1
10409737	NM_023328 // Agtpbp1 // ATP/GTP binding protein 1 // 13 B2 // 67269 /// NM_00104	Agtpbp1	2.60841E-07	-2.50022	Week 2 down vs Week 1
10585417	NM_029573 // Idh3a // isocitrate dehydrogenase 3 (NAD+) alpha // 9 A5.3 // 67834	Idh3a	9.00731E-10	-2.50017	Week 2 down vs Week 1
10342842	---		0.000043881	-2.50012	Week 2 down vs Week 1
10340505	---		0.0011936	-2.50011	Week 2 down vs Week 1
10358549	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.42453E-05	-2.49884	Week 2 down vs Week 1
10342768	---		3.05576E-06	-2.49812	Week 2 down vs Week 1
10479375	---		0.000515322	-2.49735	Week 2 down vs Week 1
10394498	NM_172470 // Wdr35 // WD repeat domain 35 // 12 A1.3 // 74682 /// NM_001159527 /	Wdr35	1.11457E-07	-2.49603	Week 2 down vs Week 1
10405633	NM_001025074 // Ntrk2 // neurotrophic tyrosine kinase, receptor, type 2 // 13 B1	Ntrk2	9.0695E-11	-2.49595	Week 2 down vs Week 1
10395831	NM_001037756 // Brms1l // breast cancer metastasis-suppressor 1-like // 12 C1|12	Brms1l	5.0201E-11	-2.49491	Week 2 down vs Week 1
10338335	---		3.77627E-06	-2.49491	Week 2 down vs Week 1
10374202	NM_009622 // Adcy1 // adenylate cyclase 1 // 11 A2 // 432530 /// ENSMUST00000020	Adcy1	1.14522E-06	-2.49472	Week 2 down vs Week 1
10492355	NM_008604 // Mme // membrane metallo endopeptidase // 3 E1|3 29.6 cM // 17380 //	Mme	2.49027E-07	-2.49389	Week 2 down vs Week 1
10607524	NM_009214 // Sms // spermine synthase // X F4|X 65.45 cM // 20603 /// BC058688 /	Sms	1.09299E-09	-2.4934	Week 2 down vs Week 1
10543921	NM_172892 // Slc13a4 // solute carrier family 13 (sodium/sulfate symporters), me	Slc13a4	0.000138595	-2.49254	Week 2 down vs Week 1
10530692	NM_010612 // Kdr // kinase insert domain protein receptor // 5 C3.3|5 42.0 cM //	Kdr	0.000965799	-2.49251	Week 2 down vs Week 1
10460616	NM_007687 // Cfl1 // cofilin 1, non-muscle // 19 A // 12631 /// ENSMUST000001165	Cfl1	6.20214E-09	-2.49167	Week 2 down vs Week 1
10532103	NM_133248 // Glmn // glomulin, FKBP associated protein // 5 E5 // 170823 /// NM_	Glmn	2.73619E-06	-2.48775	Week 2 down vs Week 1
10584600	---		9.16747E-07	-2.48634	Week 2 down vs Week 1
10340220	---		6.27268E-06	-2.4861	Week 2 down vs Week 1
10341595	---		2.42916E-10	-2.48545	Week 2 down vs Week 1
10505163	NM_001099323 // Zkscan16 // zinc finger with KRAB and SCAN domains 16 // 4 B3 //	Zkscan16	3.99582E-07	-2.48517	Week 2 down vs Week 1
10503448	NM_019724 // Mmp16 // matrix metallopeptidase 16 // 4 A3|4 3.6 cM // 17389 /// E	Mmp16	2.27909E-10	-2.48403	Week 2 down vs Week 1
10339450	---		1.48432E-06	-2.48373	Week 2 down vs Week 1
10472860	NM_019688 // Rapgef4 // Rap guanine nucleotide exchange factor (GEF) 4 // 2 C3 /	Rapgef4	4.12083E-06	-2.48343	Week 2 down vs Week 1
10505587	NM_144787 // Kdm4c // lysine (K)-specific demethylase 4C // 4 C3 // 76804 /// EN	Kdm4c	1.08309E-07	-2.4831	Week 2 down vs Week 1
10338822	---		1.16346E-05	-2.48212	Week 2 down vs Week 1
10453231	NM_011406 // Slc8a1 // solute carrier family 8 (sodium/calcium exchanger), membe	Slc8a1	2.1014E-07	-2.48187	Week 2 down vs Week 1
10338432	---		6.95709E-06	-2.48177	Week 2 down vs Week 1
10340583	---		0.00153511	-2.48101	Week 2 down vs Week 1
10517287	NM_207237 // Man1c1 // mannosidase, alpha, class 1C, member 1 // 4 D3 // 230815	Man1c1	2.94424E-08	-2.48024	Week 2 down vs Week 1
10347073	FJ210934 // Unc80 // unc-80 homolog (C. elegans) // 1 C3 // 329178 /// AK173273	Unc80	1.10327E-06	-2.47863	Week 2 down vs Week 1
10341394	---		1.24595E-06	-2.47846	Week 2 down vs Week 1
10468452	NM_021377 // Sorcs1 // VPS10 domain receptor protein SORCS 1 // 19 D2|19 51.0 cM	Sorcs1	8.77801E-08	-2.47802	Week 2 down vs Week 1

10341824	---		0.00019378	-2.47799	Week 2 down vs Week 1
10343307	---		2.05554E-05	-2.47674	Week 2 down vs Week 1
10358531	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	3.56731E-06	-2.47542	Week 2 down vs Week 1
10405179	NM_010101 // S1pr3 // sphingosine-1-phosphate receptor 3 // 13 B1 // 13610 /// E	S1pr3	1.61689E-05	-2.47416	Week 2 down vs Week 1
10518927	NM_010598 // Kcnab2 // potassium voltage-gated channel, shaker-related subfamily	Kcnab2	4.08401E-06	-2.47415	Week 2 down vs Week 1
10344074	---		1.10382E-09	-2.47393	Week 2 down vs Week 1
10375956	NM_177059 // Fstl4 // follistatin-like 4 // 11 B1.3 // 320027 /// ENSMUST0000003	Fstl4	2.56675E-06	-2.47315	Week 2 down vs Week 1
10369541	NM_010438 // Hk1 // hexokinase 1 // 10 B4|10 30.0 cM // 15275 /// NM_001146100 /	Hk1	1.6683E-07	-2.47289	Week 2 down vs Week 1
10533504	NM_009879 // Ift81 // intraflagellar transport 81 homolog (Chlamydomonas) // 5 F	Ift81	9.2445E-11	-2.47252	Week 2 down vs Week 1
10508936	NM_026257 // Ubxn11 // UBX domain protein 11 // 4 D3|4 65.7 cM // 67586 /// ENSM	Ubxn11	1.15746E-05	-2.47088	Week 2 down vs Week 1
10566258	ENSMUST00000023934 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.	Hbb-b1	0.0026357	-2.4707	Week 2 down vs Week 1
10340896	---		5.83759E-07	-2.4704	Week 2 down vs Week 1
10340726	---		0.000186771	-2.46897	Week 2 down vs Week 1
10341088	---		3.93576E-05	-2.46895	Week 2 down vs Week 1
10417167	NM_029556 // Clybl // citrate lyase beta like // 14 E5 // 69634 /// ENSMUST00000	Clybl	1.61409E-08	-2.46815	Week 2 down vs Week 1
10604844	NM_009214 // Sms // spermine synthase // X F4|X 65.45 cM // 20603 /// NR_004433	Sms	2.17604E-09	-2.46805	Week 2 down vs Week 1
10391963	NM_008740 // Nsf // N-ethylmaleimide sensitive fusion protein // 11 E1|11 63.0 c	Nsf	6.47186E-07	-2.46692	Week 2 down vs Week 1
10368268	---		2.65286E-09	-2.46664	Week 2 down vs Week 1
10585982	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	5.43662E-08	-2.46562	Week 2 down vs Week 1
10576506	NM_010322 // Gnpat // glyceronephosphate O-acyltransferase // 8 E2|8 78.8 cM //	Gnpat	6.676E-12	-2.46459	Week 2 down vs Week 1
10455227	NM_020012 // Rnf14 // ring finger protein 14 // 18 B3|18 17.0 cM // 56736 /// EN	Rnf14	5.274E-12	-2.46399	Week 2 down vs Week 1
10549877	---		1.59175E-07	-2.46399	Week 2 down vs Week 1
10339488	---		0.000082952	-2.46342	Week 2 down vs Week 1
10368175	NM_013875 // Pde7b // phosphodiesterase 7B // 10 A3 // 29863 /// ENSMUST00000020	Pde7b	4.61567E-06	-2.4628	Week 2 down vs Week 1
10490203	NM_010309 // Gnas // GNAS (guanine nucleotide binding protein, alpha stimulating	Gnas	1.53505E-07	-2.46262	Week 2 down vs Week 1
10341479	---		0.00539414	-2.4626	Week 2 down vs Week 1
10344191	---		1.47605E-05	-2.4625	Week 2 down vs Week 1
10528238	NM_172992 // Phtf2 // putative homeodomain transcription factor 2 // 5 A3 // 687	Phtf2	3.88904E-07	-2.46248	Week 2 down vs Week 1
10488020	NM_029148 // Tmx4 // thioredoxin-related transmembrane protein 4 // 2 G1|2 77.0	Tmx4	1.70117E-07	-2.4621	Week 2 down vs Week 1
10484307	NM_011356 // Frzb // frizzled-related protein // 2 C3|2 49.75 cM // 20378 /// EN	Frzb	9.54697E-06	-2.46165	Week 2 down vs Week 1
10340753	---		5.01947E-05	-2.46137	Week 2 down vs Week 1
10531203	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	1.08526E-06	-2.46016	Week 2 down vs Week 1
10538269	---		5.02441E-08	-2.4601	Week 2 down vs Week 1
10343945	---		0.000518257	-2.45999	Week 2 down vs Week 1
10342092	---		1.01585E-05	-2.45784	Week 2 down vs Week 1
10387274	NM_008192 // Gucy2e // guanylate cyclase 2e // 11 B3|11 37.0 cM // 14919 /// ENS	Gucy2e	9.21203E-05	-2.45744	Week 2 down vs Week 1
10340227	---		2.39525E-09	-2.45704	Week 2 down vs Week 1
10483604	NM_172436 // Slc25a12 // solute carrier family 25 (mitochondrial carrier, Aralar	Slc25a12	8.35203E-08	-2.45698	Week 2 down vs Week 1
10338490	---		7.37934E-06	-2.45695	Week 2 down vs Week 1
10376033	NM_008443 // Kif3a // kinesin family member 3A // 11 A5-B1|11 29.5 cM // 16568 /	Kif3a	1.01E-09	-2.45668	Week 2 down vs Week 1
10343974	---		4.42224E-09	-2.4566	Week 2 down vs Week 1
10366653	NM_011915 // Wif1 // Wnt inhibitory factor 1 // 10 D2 // 24117 /// ENSMUST000000	Wif1	0.000622604	-2.4554	Week 2 down vs Week 1
10481845	BC059907 // Fam125b // family with sequence similarity 125, member B // 2 B // 7	Fam125b	7.2129E-09	-2.45364	Week 2 down vs Week 1
10344217	---		2.89652E-07	-2.45256	Week 2 down vs Week 1
10342357	---		1.98909E-05	-2.45164	Week 2 down vs Week 1
10531191	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	5.06499E-09	-2.45107	Week 2 down vs Week 1
10376144	NM_173753 // Fnip1 // folliculin interacting protein 1 // 11 B1.3 // 216742 ///	Fnip1	8.6095E-11	-2.44869	Week 2 down vs Week 1
10342538	---		3.68824E-07	-2.44842	Week 2 down vs Week 1
10464251	NM_181415 // Atrnl1 // attractin like 1 // 19 D2 // 226255 /// ENSMUST0000007728	Atrnl1	9.63002E-08	-2.4465	Week 2 down vs Week 1
10410995	NM_009027 // Rasgrf2 // RAS protein-specific guanine nucleotide-releasing factor	Rasgrf2	9.55867E-05	-2.44628	Week 2 down vs Week 1
10413987	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	5.84332E-05	-2.44598	Week 2 down vs Week 1
10354897	NM_172406 // Trak2 // trafficking protein, kinesin binding 2 // 1 C1.3 // 70827	Trak2	6.16225E-08	-2.44494	Week 2 down vs Week 1
10338835	---		4.62926E-05	-2.44392	Week 2 down vs Week 1
10342093	---		1.74207E-05	-2.44388	Week 2 down vs Week 1
10340918	---		1.19284E-05	-2.44348	Week 2 down vs Week 1
10457587	NM_145492 // Zfp521 // zinc finger protein 521 // 18 A1 // 225207 /// NM_181326	Zfp521	2.27534E-06	-2.44239	Week 2 down vs Week 1
10536818	NM_184053 // Calu // calumenin // 6 A3.3 // 12321 /// NM_007594 // Calu // calum	Calu	2.08825E-08	-2.44175	Week 2 down vs Week 1
10342054	---		4.87246E-05	-2.44173	Week 2 down vs Week 1
10338428	---		0.000145216	-2.44144	Week 2 down vs Week 1
10358654	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	3.03596E-05	-2.44119	Week 2 down vs Week 1
10448455	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	3.82001E-10	-2.4411	Week 2 down vs Week 1
10339429	---		3.03985E-08	-2.44098	Week 2 down vs Week 1
10484463	NM_009776 // Serping1 // serine (or cysteine) peptidase inhibitor, clade G, memb	Serping1	0.000204844	-2.43853	Week 2 down vs Week 1
10340979	---		8.2438E-11	-2.43761	Week 2 down vs Week 1
10434302	NM_029436 // Klhl24 // kelch-like 24 (Drosophila) // 16 B1 // 75785 /// ENSMUST0	Klhl24	8.63373E-08	-2.4376	Week 2 down vs Week 1

10578986	NM_030263 // Psd3 // pleckstrin and Sec7 domain containing 3 // 8 B3.3 // 234353	Psd3	7.8812E-11	-2.43743	Week 2 down vs Week 1
10455084	NM_053135 // Pcdhb10 // protocadherin beta 10 // 18 B3 // 93881 /// ENSMUST00000	Pcdhb10	6.59042E-09	-2.43721	Week 2 down vs Week 1
10338881	---		4.30658E-07	-2.43674	Week 2 down vs Week 1
10338321	---		5.14961E-07	-2.43665	Week 2 down vs Week 1
10339824	---		1.43862E-08	-2.43659	Week 2 down vs Week 1
10601390	NM_008828 // Pgk1 // phosphoglycerate kinase 1 // X C-D|X 45.0 cM // 18655 /// E	Pgk1	7.885E-12	-2.43658	Week 2 down vs Week 1
10566254	NM_008220 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.0 cM // 1	Hbb-b1	0.0027712	-2.4361	Week 2 down vs Week 1
10434384	NM_009679 // Ap2m1 // adaptor protein complex AP-2, mu1 // 16 A3 // 11773 /// EN	Ap2m1	9.54095E-10	-2.43571	Week 2 down vs Week 1
10436500	NM_028803 // Gbe1 // glucan (1,4-alpha-), branching enzyme 1 // 16 C2|16 41.9 cM	Gbe1	1.0381E-11	-2.43522	Week 2 down vs Week 1
10343614	---		2.56493E-05	-2.43512	Week 2 down vs Week 1
10462035	NM_008492 // Ldhb // lactate dehydrogenase B // 6 G2|6 62.0 cM // 16832 /// ENSM	Ldhb	2.32264E-08	-2.43475	Week 2 down vs Week 1
10340549	---		3.54395E-05	-2.43416	Week 2 down vs Week 1
10380699	NM_019877 // Copz2 // coatomer protein complex, subunit zeta 2 // 11 D // 56358	Copz2	1.48955E-05	-2.43387	Week 2 down vs Week 1
10458843	NM_018744 // Sema6a // sema domain, transmembrane domain (TM), and cytoplasmic d	Sema6a	2.34217E-07	-2.43249	Week 2 down vs Week 1
10341264	---		2.9885E-07	-2.43088	Week 2 down vs Week 1
10543572	NM_011829 // Impdh1 // inosine 5'-phosphate dehydrogenase 1 // 6 A3 // 23917 ///	Impdh1	1.20022E-05	-2.43072	Week 2 down vs Week 1
10386262	BC060226 // Obscn // obscurin, cytoskeletal calmodulin and titin-interacting Rho	Obscn	0.00043399	-2.429	Week 2 down vs Week 1
10340588	---		0.00006593	-2.42891	Week 2 down vs Week 1
10497646	BC050266 // Phc3 // polyhomeotic-like 3 (Drosophila) // 3 A3 // 241915	Phc3	1.34681E-07	-2.42852	Week 2 down vs Week 1
10341230	---		2.4366E-06	-2.42785	Week 2 down vs Week 1
10424825	NM_025567 // Cyc1 // cytochrome c-1 // 15 D3 // 66445 /// ENSMUST00000023210 //	Cyc1	6.0676E-10	-2.42778	Week 2 down vs Week 1
10585972	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	1.90235E-07	-2.42758	Week 2 down vs Week 1
10338524	---		2.04259E-07	-2.42576	Week 2 down vs Week 1
10537316	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	3.12064E-10	-2.42536	Week 2 down vs Week 1
10338157	---		0.00010632	-2.42432	Week 2 down vs Week 1
10339817	---		5.12319E-06	-2.42419	Week 2 down vs Week 1
10339626	---		2.02178E-05	-2.42367	Week 2 down vs Week 1
10460123	BC098197 // 9330132A10Rik // RIKEN cDNA 9330132A10 gene // 18 E4 // 319609	9330132A10Rik	2.29656E-05	-2.42361	Week 2 down vs Week 1
10469151	NM_172471 // Itih5 // inter-alpha (globulin) inhibitor H5 // 2 A1 // 209378 ///	Itih5	0.000304875	-2.42225	Week 2 down vs Week 1
10552945	NM_030678 // Gys1 // glycogen synthase 1, muscle // 7 B4|7 23.0 cM // 14936 ///	Gys1	6.21446E-06	-2.42197	Week 2 down vs Week 1
10417895	NM_008914 // Ppp3cb // protein phosphatase 3, catalytic subunit, beta isoform //	Ppp3cb	1.44091E-10	-2.42161	Week 2 down vs Week 1
10428517	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	0.000244945	-2.42124	Week 2 down vs Week 1
10546152	NM_176973 // Podxl2 // podocalyxin-like 2 // 6 D1 // 319655 /// ENSMUST000000612	Podxl2	1.121E-07	-2.42082	Week 2 down vs Week 1
10468275	NM_027654 // Pcgf6 // polycomb group ring finger 6 // 19 C3 // 71041 /// ENSMUST	Pcgf6	3.76383E-10	-2.42	Week 2 down vs Week 1
10556764	NM_013636 // Ppp1cc // protein phosphatase 1, catalytic subunit, gamma isoform /	Ppp1cc	7.0532E-11	-2.41916	Week 2 down vs Week 1
10572813	NM_023211 // Usmg5 // upregulated during skeletal muscle growth 5 // 19 D2 // 66	Usmg5	2.68509E-08	-2.41891	Week 2 down vs Week 1
10416057	NM_013492 // Clu // clusterin // 14 D1|14 28.0 cM // 12759 /// ENSMUST0000002261	Clu	5.38214E-09	-2.41827	Week 2 down vs Week 1
10338628	---		4.97391E-07	-2.41759	Week 2 down vs Week 1
10589462	U08819 // Mtap4 // microtubule-associated protein 4 // 9 F2|9 58.0 cM // 17758	Mtap4	0.000114662	-2.41724	Week 2 down vs Week 1
10356520	AF064749 // Col6a3 // collagen, type VI, alpha 3 // 1 D|1 53.9 cM // 12835 /// B	Col6a3	4.17491E-05	-2.41684	Week 2 down vs Week 1
10358664	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000250666	-2.41664	Week 2 down vs Week 1
10603166	NM_025432 // Trappc2 // trafficking protein particle complex 2 // X F5 // 66226	Trappc2	5.20932E-10	-2.41519	Week 2 down vs Week 1
10457929	NM_009065 // Rit2 // Ras-like without CAAX 2 // 18 B1 // 19762 /// ENSMUST000000	Rit2	4.24393E-05	-2.41497	Week 2 down vs Week 1
10528031	---		5.25489E-06	-2.41494	Week 2 down vs Week 1
10466735	NM_001114174 // Fam189a2 // family with sequence similarity 189, member A2 // 19	Fam189a2	3.18874E-07	-2.41419	Week 2 down vs Week 1
10344259	---		1.12926E-05	-2.41389	Week 2 down vs Week 1
10469404	NM_023116 // Cacnb2 // calcium channel, voltage-dependent, beta 2 subunit // 2 A	Cacnb2	1.10215E-06	-2.41312	Week 2 down vs Week 1
10454856	NM_028707 // Psd2 // pleckstrin and Sec7 domain containing 2 // 18 B2 // 74002 /	Psd2	1.14849E-05	-2.41237	Week 2 down vs Week 1
10343087	---		0.00130989	-2.41229	Week 2 down vs Week 1
10342411	---		6.41897E-06	-2.41144	Week 2 down vs Week 1
10498386	NM_001162884 // Igsf10 // immunoglobulin superfamily, member 10 // 3 D // 242050	Igsf10	8.76526E-06	-2.41114	Week 2 down vs Week 1
10358519	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.65006E-06	-2.41093	Week 2 down vs Week 1
10341796	---		0.000046178	-2.41026	Week 2 down vs Week 1
10389010	BC055024 // 5730455P16Rik // RIKEN cDNA 5730455P16 gene // 11 B5 // 70591 /// NM	5730455P16Rik	6.9769E-11	-2.4089	Week 2 down vs Week 1
10341662	---		8.94665E-05	-2.40775	Week 2 down vs Week 1
10363350	NM_011030 // P4ha1 // procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline	P4ha1	6.27329E-09	-2.40748	Week 2 down vs Week 1
10536483	NM_207176 // Tes // testis derived transcript // 6 A2|6 1.5 cM // 21753 /// ENSM	Tes	2.62397E-09	-2.40645	Week 2 down vs Week 1
10344461	---		5.23436E-08	-2.4058	Week 2 down vs Week 1
10569714	NM_133189 // Cacng7 // calcium channel, voltage-dependent, gamma subunit 7 // 7	Cacng7	6.80097E-07	-2.40522	Week 2 down vs Week 1
10472372	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	7.18486E-06	-2.40426	Week 2 down vs Week 1
10533050	NM_030704 // Hspb8 // heat shock protein 8 // 5 F|5 59.0 cM // 80888 /// ENSMUST	Hspb8	3.59004E-05	-2.40335	Week 2 down vs Week 1
10338511	---		4.73241E-08	-2.40326	Week 2 down vs Week 1
10391084	NM_010404 // Hap1 // huntingtin-associated protein 1 // 11 D|11 60.0 cM // 15114	Hap1	1.24569E-07	-2.40194	Week 2 down vs Week 1
10494174	NM_011351 // Sema6c // sema domain, transmembrane domain (TM), and cytoplasmic d	Sema6c	4.60583E-06	-2.40167	Week 2 down vs Week 1
10362968	NM_024285 // Bves // blood vessel epicardial substance // 10 B2|10 29.0 cM // 23	Bves	1.31806E-06	-2.40164	Week 2 down vs Week 1

10472402	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	6.88985E-07	-2.40146	Week 2 down vs Week 1
10525352	NM_013636 // Ppp1cc // protein phosphatase 1, catalytic subunit, gamma isoform /	Ppp1cc	5.7673E-11	-2.40088	Week 2 down vs Week 1
10342367	---		1.08833E-05	-2.40075	Week 2 down vs Week 1
10455088	NM_053136 // Pcdhb11 // protocadherin beta 11 // 18 B3 // 93882 /// ENSMUST00000	Pcdhb11	1.12153E-07	-2.40008	Week 2 down vs Week 1
10346843	NM_001077403 // Nrp2 // neuropilin 2 // 1 C2 // 18187 /// NM_001077404 // Nrp2 /	Nrp2	9.87064E-05	-2.39941	Week 2 down vs Week 1
10389617	NM_177167 // Ppm1e // protein phosphatase 1E (PP2C domain containing) // 11 C //	Ppm1e	1.49631E-06	-2.39863	Week 2 down vs Week 1
10339222	---		0.00585334	-2.39824	Week 2 down vs Week 1
10340647	---		1.86323E-06	-2.39803	Week 2 down vs Week 1
10358547	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.73349E-05	-2.3978	Week 2 down vs Week 1
10524082	ENSMUST00000112540 // 2310001H12Rik // RIKEN cDNA 2310001H12 gene // 5 F // 6950	2310001H12Rik	1.81469E-07	-2.3975	Week 2 down vs Week 1
10402708	NM_021273 // Ckb // creatine kinase, brain // 12 F1|12 55.0 cM // 12709 /// ENSM	Ckb	0.000124372	-2.3969	Week 2 down vs Week 1
10498018	NM_130448 // Pcdh18 // protocadherin 18 // 3 C // 73173 /// ENSMUST00000035931 /	Pcdh18	3.85785E-07	-2.39664	Week 2 down vs Week 1
10342529	---		7.77029E-07	-2.39655	Week 2 down vs Week 1
10448247	NM_009555 // Zfp40 // zinc finger protein 40 // 17 A3.3|17 10.05 cM // 22700 ///	Zfp40	1.0097E-09	-2.39605	Week 2 down vs Week 1
10607792	NM_183427 // Glra2 // glycine receptor, alpha 2 subunit // X F5|X 72.0 cM // 237	Glra2	0.000125756	-2.39534	Week 2 down vs Week 1
10379866	NM_007607 // Car4 // carbonic anhydrase 4 // 11 C // 12351 /// ENSMUST0000010319	Car4	7.47933E-10	-2.39483	Week 2 down vs Week 1
10562784	NM_178067 // Mybpc2 // myosin binding protein C, fast-type // 7 B4 // 233199 ///	Mybpc2	0.00489845	-2.39478	Week 2 down vs Week 1
10601648	NM_022322 // Tnmd // tenomodulin // X E3 // 64103 /// ENSMUST00000033602 // Tnmd	Tnmd	0.00129648	-2.39416	Week 2 down vs Week 1
10342889	---		1.00158E-05	-2.3939	Week 2 down vs Week 1
10341091	---		1.90927E-05	-2.39269	Week 2 down vs Week 1
10547888	NM_013533 // Gpr162 // G protein-coupled receptor 162 // 6 F2|6 60.18 cM // 1478	Gpr162	6.87077E-05	-2.3922	Week 2 down vs Week 1
10596680	NM_001042779 // Sema3b // sema domain, immunoglobulin domain (Ig), short basic d	Sema3b	7.59369E-09	-2.39185	Week 2 down vs Week 1
10339337	---		5.22276E-07	-2.39177	Week 2 down vs Week 1
10339870	---		0.00167694	-2.39173	Week 2 down vs Week 1
10469622	NM_001004761 // Gpr158 // G protein-coupled receptor 158 // 2 A3 // 241263 /// E	Gpr158	3.05861E-07	-2.39156	Week 2 down vs Week 1
10341535	---		3.8007E-06	-2.39148	Week 2 down vs Week 1
10585874	NM_010421 // Hexa // hexosaminidase A // 9 B|9 29.0 cM // 15211 /// ENSMUST00000	Hexa	2.46668E-07	-2.39106	Week 2 down vs Week 1
10462281	NM_013703 // Vldlr // very low density lipoprotein receptor // 19 C1|19 20.0 cM	Vldlr	1.14615E-06	-2.39076	Week 2 down vs Week 1
10369132	NM_001081428 // Fam184a // family with sequence similarity 184, member A // 10 B	Fam184a	9.52546E-09	-2.39028	Week 2 down vs Week 1
10365482	NM_011595 // Timp3 // tissue inhibitor of metalloproteinase 3 // 10 C1|10 C1-D1|	Timp3	0.000682829	-2.38985	Week 2 down vs Week 1
10388109	NM_001024927 // Pitpnm3 // PITPNM family member 3 // 11 B4 // 327958 /// NM_0010	Pitpnm3	0.000044815	-2.38956	Week 2 down vs Week 1
10491780	NM_011020 // Hspa4l // heat shock protein 4 like // 3 B // 18415 /// ENSMUST0000	Hspa4l	5.10404E-07	-2.38892	Week 2 down vs Week 1
10357345	NM_172484 // E030049G20Rik // RIKEN cDNA E030049G20 gene // 1 E3 // 210356 /// N	E030049G20Rik	5.2897E-10	-2.38874	Week 2 down vs Week 1
10543494	NM_008174 // Grm8 // glutamate receptor, metabotropic 8 // 6 A3 // 14823 /// ENS	Grm8	2.24062E-07	-2.38781	Week 2 down vs Week 1
10597162	NM_177771 // Klhl18 // kelch-like 18 (Drosophila) // 9 F2 // 270201 /// ENSMUST0	Klhl18	2.96609E-06	-2.38779	Week 2 down vs Week 1
10339284	---		0.000126572	-2.38737	Week 2 down vs Week 1
10536294	NM_130877 // Peg10 // paternally expressed 10 // 6 A1|6 0.5 cM // 170676 /// NM_	Peg10	5.19E-12	-2.38679	Week 2 down vs Week 1
10584901	NM_001081270 // Dscaml1 // Down syndrome cell adhesion molecule-like 1 // 9 B //	Dscaml1	2.06503E-05	-2.38656	Week 2 down vs Week 1
10341681	---		4.48108E-10	-2.38621	Week 2 down vs Week 1
10528038	NM_001007220 // Adam22 // a disintegrin and metallopeptidase domain 22 // 5 A1|5	Adam22	9.32725E-08	-2.38572	Week 2 down vs Week 1
10363173	NM_010288 // Gja1 // gap junction protein, alpha 1 // 10 B4|10 29.0 cM // 14609	Gja1	1.27075E-05	-2.38447	Week 2 down vs Week 1
10521796	---		5.13503E-07	-2.3842	Week 2 down vs Week 1
10339463	---		5.24764E-07	-2.38368	Week 2 down vs Week 1
10452485	NM_133685 // Rab31 // RAB31, member RAS oncogene family // 17 E1.1 // 106572 ///	Rab31	7.69063E-10	-2.38355	Week 2 down vs Week 1
10377431	NM_009497 // Vamp2 // vesicle-associated membrane protein 2 // 11 B3 // 22318 //	Vamp2	1.85106E-06	-2.38343	Week 2 down vs Week 1
10485013	BC085239 // 1110051M20Rik // RIKEN cDNA 1110051M20 gene // 2 E1 // 228356 /// NM	1110051M20Rik	3.51504E-09	-2.38295	Week 2 down vs Week 1
10365974	NM_007833 // Dcn // decorin // 10 C3|10 55.0 cM // 13179 /// ENSMUST00000105287	Dcn	7.52796E-05	-2.382	Week 2 down vs Week 1
10369210	NM_019760 // Serinc1 // serine incorporator 1 // 10 B4 // 56442 /// ENSMUST00000	Serinc1	5.30056E-10	-2.38198	Week 2 down vs Week 1
10338357	---		0.00264351	-2.38174	Week 2 down vs Week 1
10601857	NM_009750 // Ngfrap1 // nerve growth factor receptor (TNFRSF16) associated prote	Ngfrap1	2.8752E-11	-2.38019	Week 2 down vs Week 1
10342335	---		2.37129E-05	-2.37936	Week 2 down vs Week 1
10341550	---		0.000119292	-2.37898	Week 2 down vs Week 1
10354141	NM_001029878 // Lonrf2 // LON peptidase N-terminal domain and ring finger 2 // 1	Lonrf2	3.51252E-08	-2.37856	Week 2 down vs Week 1
10368675	NM_008538 // Marcks // myristoylated alanine rich protein kinase C substrate //	Marcks	4.16331E-09	-2.37828	Week 2 down vs Week 1
10552440	ENSMUST00000058104 // Zfp719 // zinc finger protein 719 // 7 B4 // 210105	Zfp719	8.4445E-11	-2.37739	Week 2 down vs Week 1
10338960	---		8.20458E-06	-2.37716	Week 2 down vs Week 1
10342297	---		0.00175053	-2.37704	Week 2 down vs Week 1
10396125	NM_178628 // Atl1 // atlastin GTPase 1 // 12 C2 // 73991 /// ENSMUST00000021466	Atl1	1.16542E-10	-2.37687	Week 2 down vs Week 1
10340239	---		0.00281915	-2.37596	Week 2 down vs Week 1
10596190	NM_001002896 // Bfsp2 // beaded filament structural protein 2, phakinin // 9 F1	Bfsp2	0.000260443	-2.37567	Week 2 down vs Week 1
10451421	NM_027910 // Klhdc3 // kelch domain containing 3 // 17 C|17 24.31 cM // 71765 //	Klhdc3	6.93E-13	-2.37555	Week 2 down vs Week 1
10344311	---		5.92409E-05	-2.37523	Week 2 down vs Week 1
10480714	NM_001033293 // Uap1l1 // UDP-N-acteylglucosamine pyrophosphorylase 1-like 1 //	Uap1l1	3.74362E-08	-2.37473	Week 2 down vs Week 1
10342266	---		8.33297E-06	-2.37326	Week 2 down vs Week 1
10339268	---		0.00229055	-2.37319	Week 2 down vs Week 1

10592772	NM_138955 // Abcg4 // ATP-binding cassette, sub-family G (WHITE), member 4 // 9	Abcg4	1.76101E-06	-2.37291	Week 2 down vs Week 1
10471994	NM_008449 // Kif5c // kinesin family member 5C // 2 32.5 cM // 16574 /// ENSMUST	Kif5c	6.41374E-06	-2.37257	Week 2 down vs Week 1
10340887	---		6.96737E-06	-2.37152	Week 2 down vs Week 1
10360418	NM_011880 // Rgs7 // regulator of G protein signaling 7 // 1 H3-H4|1 99.3 cM //	Rgs7	2.02011E-05	-2.37071	Week 2 down vs Week 1
10557201	NM_019430 // Cacng3 // calcium channel, voltage-dependent, gamma subunit 3 // --	Cacng3	0.000199053	-2.37004	Week 2 down vs Week 1
10342636	---		2.98E-13	-2.36883	Week 2 down vs Week 1
10579976	NM_178736 // Elmod2 // ELMO domain containing 2 // 8 C2 // 244548 /// ENSMUST000	Elmod2	3.79067E-08	-2.3683	Week 2 down vs Week 1
10600597	NM_175771 // Tmem47 // transmembrane protein 47 // X A7.2 // 192216 /// NM_13875	Tmem47	1.22517E-05	-2.36819	Week 2 down vs Week 1
10539710	NM_011585 // Tia1 // cytotoxic granule-associated RNA binding protein 1 // 6 D2	Tia1	3.35344E-10	-2.36791	Week 2 down vs Week 1
10554969	NM_011858 // Odz4 // odd Oz/ten-m homolog 4 (Drosophila) // 7 E1|7 47.7 cM // 23	Odz4	2.86676E-10	-2.36759	Week 2 down vs Week 1
10408162	NM_001111107 // Zfp322a // zinc finger protein 322A // 13 A3.1 // 218100 /// NM_	Zfp322a	9.95769E-08	-2.36749	Week 2 down vs Week 1
10344429	---		3.40269E-10	-2.36709	Week 2 down vs Week 1
10339083	---		2.00642E-05	-2.36669	Week 2 down vs Week 1
10469609	ENSMUST00000100373 // Gm13375 // predicted gene 13375 // --- // 100038451	Gm13375	3.41215E-10	-2.36632	Week 2 down vs Week 1
10490159	NM_022995 // Pmepa1 // prostate transmembrane protein, androgen induced 1 // 2 H	Pmepa1	1.00585E-07	-2.36609	Week 2 down vs Week 1
10339659	---		9.98744E-06	-2.36602	Week 2 down vs Week 1
10532517	NM_021351 // Cryba4 // crystallin, beta A4 // 5 F // 12959 /// ENSMUST0000011238	Cryba4	0.029113	-2.36574	Week 2 down vs Week 1
10358619	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.02785E-05	-2.36547	Week 2 down vs Week 1
10426955	NM_001077499 // Scn8a // sodium channel, voltage-gated, type VIII, alpha // 15 F	Scn8a	6.53344E-06	-2.36491	Week 2 down vs Week 1
10339816	---		1.10639E-08	-2.3647	Week 2 down vs Week 1
10413874	NM_001081130 // Ogdhl // oxoglutarate dehydrogenase-like // 14 B // 239017 /// E	Ogdhl	3.28496E-08	-2.3645	Week 2 down vs Week 1
10427428	NM_145930 // AW549877 // expressed sequence AW549877 // 15 A1 // 106064 /// ENSM	AW549877	6.63627E-08	-2.36447	Week 2 down vs Week 1
10532584	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.000145646	-2.36435	Week 2 down vs Week 1
10342165	---		1.91705E-07	-2.36413	Week 2 down vs Week 1
10530615	NM_026950 // Ociad2 // OCIA domain containing 2 // 5 D // 433904 /// ENSMUST0000	Ociad2	0.000103717	-2.36353	Week 2 down vs Week 1
10496373	NM_030143 // Ddit4l // DNA-damage-inducible transcript 4-like // 3 G3 // 73284 /	Ddit4l	0.000866597	-2.36315	Week 2 down vs Week 1
10429140	NM_008681 // Ndrg1 // N-myc downstream regulated gene 1 // 15 D2 // 17988 /// EN	Ndrg1	2.79821E-05	-2.36292	Week 2 down vs Week 1
10497713	NM_021483 // Pex5l // peroxisomal biogenesis factor 5-like // 3 B // 58869 /// E	Pex5l	0.000405676	-2.36291	Week 2 down vs Week 1
10339033	---		3.38907E-06	-2.36229	Week 2 down vs Week 1
10398414	---		5.68641E-09	-2.36094	Week 2 down vs Week 1
10606473	ENSMUST00000113422 // Hdx // highly divergent homeobox // X E1 // 245596	Hdx	3.08879E-07	-2.36047	Week 2 down vs Week 1
10393272	BC053070 // Rnf157 // ring finger protein 157 // 11 E2 // 217340 /// ENSMUST0000	Rnf157	8.45698E-08	-2.36041	Week 2 down vs Week 1
10427997	NM_027496 // Ankrd33b // ankyrin repeat domain 33B // 15 B3.2 // 67434 /// NM_02	Ankrd33b	8.4415E-06	-2.36004	Week 2 down vs Week 1
10358670	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.00003643	-2.35978	Week 2 down vs Week 1
10360344	NM_010045 // Darc // Duffy blood group, chemokine receptor // 1 H3|1 94.0 cM //	Darc	3.79077E-08	-2.35932	Week 2 down vs Week 1
10428522	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	8.68025E-06	-2.35909	Week 2 down vs Week 1
10527649	BC116246 // 6330406I15Rik // RIKEN cDNA 6330406I15 gene // 5 G3 // 70717 /// NM_	6330406I15Rik	0.000102358	-2.35892	Week 2 down vs Week 1
10422598	NM_009155 // Sepp1 // selenoprotein P, plasma, 1 // 15 A1|15 5.9 cM // 20363 ///	Sepp1	3.70889E-05	-2.35889	Week 2 down vs Week 1
10428388	NM_172815 // Rspo2 // R-spondin 2 homolog (Xenopus laevis) // 15 B3.1-B3.2|15 17	Rspo2	6.42995E-07	-2.35861	Week 2 down vs Week 1
10528008	NM_001103157 // Steap2 // six transmembrane epithelial antigen of prostate 2 //	Steap2	9.54066E-10	-2.35846	Week 2 down vs Week 1
10433445	NM_172961 // Abat // 4-aminobutyrate aminotransferase // 16 A3 // 268860 /// ENS	Abat	6.31646E-08	-2.35838	Week 2 down vs Week 1
10512847	NM_019998 // Alg2 // asparagine-linked glycosylation 2 homolog (yeast, alpha-1,3	Alg2	1.57877E-10	-2.35746	Week 2 down vs Week 1
10516823	NM_183428 // Epb4.1 // erythrocyte protein band 4.1 // 4 D2.3 // 269587 /// NM_0	Epb4.1	1.32061E-05	-2.35707	Week 2 down vs Week 1
10383767	NM_152818 // Osbp2 // oxysterol binding protein 2 // 11 A1 // 74309 /// ENSMUST0	Osbp2	5.86824E-05	-2.35673	Week 2 down vs Week 1
10505623	BC030404 // D4Bwg0951e // DNA segment, Chr 4, Brigham & Women's Genetics 0951 ex	D4Bwg0951e	2.43748E-07	-2.35649	Week 2 down vs Week 1
10533929	NM_016741 // Scarb1 // scavenger receptor class B, member 1 // 5 G1.1|5 68.0 cM	Scarb1	4.6092E-08	-2.35614	Week 2 down vs Week 1
10356001	NM_016716 // Cul3 // cullin 3 // 1 C4 // 26554 /// ENSMUST00000004478 // Cul3 //	Cul3	4.7786E-10	-2.35587	Week 2 down vs Week 1
10460468	NM_019861 // Ctsf // cathepsin F // 19 A // 56464 /// ENSMUST00000115980 // Ctsf	Ctsf	3.93874E-09	-2.35561	Week 2 down vs Week 1
10473240	NM_023119 // Eno1 // enolase 1, alpha non-neuron // 4 E2 // 13806 /// NM_0011348	Eno1	1.12328E-06	-2.35414	Week 2 down vs Week 1
10342206	---		3.66866E-05	-2.35401	Week 2 down vs Week 1
10344116	---		1.36855E-06	-2.35381	Week 2 down vs Week 1
10340369	---		1.62801E-08	-2.35338	Week 2 down vs Week 1
10601312	ENSMUST00000101317 // Gm10454 // predicted gene 10454 // X C3|X // 331484	Gm10454	7.23E-08	-2.35322	Week 2 down vs Week 1
10338931	---		0.000298471	-2.35246	Week 2 down vs Week 1
10593499	NM_178906 // AI593442 // expressed sequence AI593442 // 9 A5.3 // 330941 /// BC1	AI593442	3.56116E-05	-2.35188	Week 2 down vs Week 1
10357954	NM_001081307 // Ppp1r12b // protein phosphatase 1, regulatory (inhibitor) subuni	Ppp1r12b	1.09638E-07	-2.35089	Week 2 down vs Week 1
10510546	NM_023119 // Eno1 // enolase 1, alpha non-neuron // 4 E2 // 13806 /// BC083334 /	Eno1	2.09403E-07	-2.3507	Week 2 down vs Week 1
10498599	NM_026641 // Ift80 // intraflagellar transport 80 homolog (Chlamydomonas) // 3 E	Ift80	4.55023E-09	-2.3503	Week 2 down vs Week 1
10341086	---		4.08828E-06	-2.35029	Week 2 down vs Week 1
10542959	NM_009748 // Bet1 // blocked early in transport 1 homolog (S. cerevisiae) // 6 A	Bet1	4.19717E-07	-2.35004	Week 2 down vs Week 1
10490777	NM_030708 // Zfhx4 // zinc finger homeodomain 4 // 3 A1 // 80892 /// ENSMUST0000	Zfhx4	2.9126E-06	-2.34985	Week 2 down vs Week 1
10339432	---		8.228E-07	-2.34956	Week 2 down vs Week 1
10340116	---		4.30289E-05	-2.34954	Week 2 down vs Week 1
10342364	---		0.0015006	-2.34926	Week 2 down vs Week 1
10465916	NM_001033481 // Gm98 // predicted gene 98 // 19 A // 225908 /// ENSMUST000000962	Gm98	1.43416E-08	-2.3489	Week 2 down vs Week 1

10340582	---		7.26986E-05	-2.34798	Week 2 down vs Week 1
10459866	NM_028122 // Slc14a1 // solute carrier family 14 (urea transporter), member 1 //	Slc14a1	3.30825E-06	-2.34769	Week 2 down vs Week 1
10419676	NM_172601 // Rab2b // RAB2B, member RAS oncogene family // 14 C2 // 76338 /// EN	Rab2b	7.446E-12	-2.3468	Week 2 down vs Week 1
10383532	NM_026272 // Narf // nuclear prelamin A recognition factor // 11 E2 // 67608 ///	Narf	4.6919E-11	-2.34612	Week 2 down vs Week 1
10599855	NM_007917 // Eif4e // eukaryotic translation initiation factor 4E // 3 G3-H1|3 2	Eif4e	1.6931E-09	-2.3438	Week 2 down vs Week 1
10344307	---		0.000635464	-2.34293	Week 2 down vs Week 1
10339564	---		1.66718E-05	-2.34279	Week 2 down vs Week 1
10340482	---		0.000307699	-2.34253	Week 2 down vs Week 1
10339145	---		1.70967E-06	-2.3423	Week 2 down vs Week 1
10354979	NM_028717 // Als2 // amyotrophic lateral sclerosis 2 (juvenile) homolog (human)	Als2	1.83484E-09	-2.34125	Week 2 down vs Week 1
10586244	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	1.56809E-06	-2.34073	Week 2 down vs Week 1
10426991	NM_144790 // Ankrd33 // ankyrin repeat domain 33 // 15 F2 // 208258 /// ENSMUST0	Ankrd33	2.59312E-05	-2.34055	Week 2 down vs Week 1
10338798	---		6.39041E-05	-2.34008	Week 2 down vs Week 1
10597841	NM_029095 // Hhatl // hedgehog acyltransferase-like // 9 F4 // 74770 /// ENSMUST	Hhatl	6.44162E-06	-2.33962	Week 2 down vs Week 1
10548653	NM_001024705 // Prpmp5 // proline-rich protein MP5 // 6 G1 // 381832 /// ENSMUST	Prpmp5	0.014344	-2.33904	Week 2 down vs Week 1
10599962	NM_001081354 // Mamld1 // mastermind-like domain containing 1 // X A7.2 // 33363	Mamld1	1.97823E-08	-2.33892	Week 2 down vs Week 1
10505568	NM_172869 // Frmd3 // FERM domain containing 3 // 4 C3 // 242506 /// ENSMUST0000	Frmd3	8.76987E-06	-2.33892	Week 2 down vs Week 1
10490665	NM_009133 // Stmn3 // stathmin-like 3 // 2 H4 // 20262 /// ENSMUST00000103045 //	Stmn3	1.15624E-06	-2.33859	Week 2 down vs Week 1
10341656	---		5.96702E-05	-2.33849	Week 2 down vs Week 1
10560945	NM_008168 // Grik5 // glutamate receptor, ionotropic, kainate 5 (gamma 2) // 7 A	Grik5	9.61306E-10	-2.33802	Week 2 down vs Week 1
10344155	---		8.01878E-06	-2.33656	Week 2 down vs Week 1
10593605	NM_027807 // Cul5 // cullin 5 // 9 C // 75717 /// NM_001161618 // Cul5 // cullin	Cul5	3.04378E-08	-2.3365	Week 2 down vs Week 1
10342080	---		3.55632E-06	-2.33627	Week 2 down vs Week 1
10343923	---		0.000121236	-2.33623	Week 2 down vs Week 1
10482181	NM_009261 // Strbp // spermatid perinuclear RNA binding protein // 2 B // 20744	Strbp	1.76559E-08	-2.33572	Week 2 down vs Week 1
10591139	NM_028279 // Naalad2 // N-acetylated alpha-linked acidic dipeptidase 2 // 9 A3|9	Naalad2	0.0000173	-2.335	Week 2 down vs Week 1
10489065	NM_013865 // Ndrg3 // N-myc downstream regulated gene 3 // 2 H1 // 29812 /// ENS	Ndrg3	6.40226E-06	-2.33456	Week 2 down vs Week 1
10340305	---		2.1568E-06	-2.33422	Week 2 down vs Week 1
10456522	NM_013685 // Tcf4 // transcription factor 4 // --- // 21413 /// NM_001083967 //	Tcf4	4.40793E-06	-2.33321	Week 2 down vs Week 1
10580733	NM_026116 // Bbs2 // Bardet-Biedl syndrome 2 (human) // 8 C5 // 67378 /// ENSMUS	Bbs2	1.20289E-08	-2.33259	Week 2 down vs Week 1
10455139	NM_053147 // Pcdhb22 // protocadherin beta 22 // 18 B3 // 93893 /// ENSMUST00000	Pcdhb22	1.66799E-10	-2.33217	Week 2 down vs Week 1
10419578	NM_013864 // Ndrg2 // N-myc downstream regulated gene 2 // 14 C2 // 29811 /// NM	Ndrg2	2.74583E-05	-2.332	Week 2 down vs Week 1
10342410	---		2.24768E-05	-2.33162	Week 2 down vs Week 1
10413726	NM_009393 // Tnnc1 // troponin C, cardiac/slow skeletal // 14 B|14 10.0 cM // 21	Tnnc1	0.0233586	-2.33136	Week 2 down vs Week 1
10402061	BC049855 // Eml5 // echinoderm microtubule associated protein like 5 // 12 E //	Eml5	3.25401E-05	-2.33127	Week 2 down vs Week 1
10494873	NM_001033303 // Ampd1 // adenosine monophosphate deaminase 1 (isoform M) // 3 F2	Ampd1	5.51454E-05	-2.33072	Week 2 down vs Week 1
10341789	---		2.55907E-05	-2.3307	Week 2 down vs Week 1
10536931	NM_021414 // Ahcyl2 // S-adenosylhomocysteine hydrolase-like 2 // 6 A3.3 // 7434	Ahcyl2	9.10634E-06	-2.33003	Week 2 down vs Week 1
10527982	BC062906 // A330021E22Rik // RIKEN cDNA A330021E22 gene // 5 A1 // 207686 /// NM	A330021E22Rik	3.9643E-08	-2.32997	Week 2 down vs Week 1
10384579	NM_139297 // Ugp2 // UDP-glucose pyrophosphorylase 2 // 11 A3.1|11 12.0 cM // 21	Ugp2	4.89687E-08	-2.32813	Week 2 down vs Week 1
10340905	---		0.0100297	-2.32776	Week 2 down vs Week 1
10341646	---		1.05873E-10	-2.3265	Week 2 down vs Week 1
10510687	NM_133348 // Acot7 // acyl-CoA thioesterase 7 // 4 E2 // 70025 /// NM_001146057	Acot7	7.08291E-10	-2.32548	Week 2 down vs Week 1
10338554	---		1.35744E-07	-2.3254	Week 2 down vs Week 1
10339228	---		3.83848E-06	-2.32419	Week 2 down vs Week 1
10523231	NM_181728 // Art3 // ADP-ribosyltransferase 3 // 5 E2|5 52.0 cM // 109979 /// EN	Art3	0.000343316	-2.32369	Week 2 down vs Week 1
10342646	---		7.10295E-08	-2.32361	Week 2 down vs Week 1
10342871	---		0.000457252	-2.32304	Week 2 down vs Week 1
10358555	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000015258	-2.32244	Week 2 down vs Week 1
10422259	NM_029578 // Tgds // TDP-glucose 4,6-dehydratase // 14 E4 // 76355 /// ENSMUST00	Tgds	4.70486E-09	-2.32241	Week 2 down vs Week 1
10401607	NM_008827 // Pgf // placental growth factor // 12 D|12 39.0 cM // 18654 /// ENSM	Pgf	0.000154997	-2.32215	Week 2 down vs Week 1
10343811	---		6.42325E-06	-2.32179	Week 2 down vs Week 1
10338921	---		0.00108782	-2.32161	Week 2 down vs Week 1
10352194	BC158017 // Cdc42bpa // CDC42 binding protein kinase alpha // 1 H4 // 226751 ///	Cdc42bpa	3.90628E-08	-2.32154	Week 2 down vs Week 1
10537851	NM_001004357 // Cntnap2 // contactin associated protein-like 2 // 6 B2 // 66797	Cntnap2	4.25632E-06	-2.3214	Week 2 down vs Week 1
10416379	NM_011506 // Sucla2 // succinate-Coenzyme A ligase, ADP-forming, beta subunit //	Sucla2	1.42494E-06	-2.32094	Week 2 down vs Week 1
10563077	NM_026555 // Rcn3 // reticulocalbin 3, EF-hand calcium binding domain // 7 B4|7	Rcn3	0.000402125	-2.32093	Week 2 down vs Week 1
10499138	NM_027539 // Dclk2 // doublecortin-like kinase 2 // 3 F1 // 70762 /// ENSMUST000	Dclk2	3.43931E-08	-2.32082	Week 2 down vs Week 1
10363786	NM_146005 // Ank3 // ankyrin 3, epithelial // 10 B5.3|10 38.0 cM // 11735 /// NM	Ank3	5.96268E-10	-2.32019	Week 2 down vs Week 1
10344193	---		3.01783E-08	-2.31981	Week 2 down vs Week 1
10447141	NM_001114361 // Eml4 // echinoderm microtubule associated protein like 4 // 17 E	Eml4	1.57448E-10	-2.31948	Week 2 down vs Week 1
10339369	---		5.56194E-07	-2.31835	Week 2 down vs Week 1
10399470	NM_144551 // Trib2 // tribbles homolog 2 (Drosophila) // 12 A1.1 // 217410 /// E	Trib2	8.15499E-08	-2.31733	Week 2 down vs Week 1
10340855	---		0.000194138	-2.31672	Week 2 down vs Week 1
10505931	NM_026319 // Ift74 // intraflagellar transport 74 homolog (Chlamydomonas) // 4 C	Ift74	1.16766E-09	-2.31659	Week 2 down vs Week 1

10511069	NM_008142 // Gnb1 // guanine nucleotide binding protein (G protein), beta 1 // 4	Gnb1	1.29545E-06	-2.3159	Week 2 down vs Week 1
10569319	NM_009983 // Ctsd // cathepsin D // 7 F5 // 13033 /// ENSMUST00000066401 // Ctsd	Ctsd	3.19953E-10	-2.31533	Week 2 down vs Week 1
10446596	NM_177639 // Dlgap1 // discs, large (Drosophila) homolog-associated protein 1 //	Dlgap1	8.07491E-09	-2.31484	Week 2 down vs Week 1
10340536	---		7.54924E-05	-2.31482	Week 2 down vs Week 1
10338101	---		2.52392E-07	-2.31433	Week 2 down vs Week 1
10343398	---		0.000801282	-2.31421	Week 2 down vs Week 1
10586722	AK089550 // F830001A07Rik // RIKEN cDNA F830001A07 gene // 9 C // 320055 /// AK0	F830001A07Rik	5.09055E-09	-2.31366	Week 2 down vs Week 1
10564909	NM_172903 // Man2a2 // mannosidase 2, alpha 2 // 7 D2 // 140481 /// ENSMUST00000	Man2a2	2.22567E-07	-2.313	Week 2 down vs Week 1
10341647	---		0.000348767	-2.31283	Week 2 down vs Week 1
10342296	---		1.61199E-05	-2.31274	Week 2 down vs Week 1
10449971	NM_028543 // Zfp763 // zinc finger protein 763 // 17 B1 // 73451 /// ENSMUST0000	Zfp763	5.27009E-08	-2.31202	Week 2 down vs Week 1
10358513	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000077512 /	Hmcn1	4.39274E-06	-2.31152	Week 2 down vs Week 1
10343133	---		0.00226976	-2.31079	Week 2 down vs Week 1
10343637	---		1.62301E-06	-2.30996	Week 2 down vs Week 1
10338646	---		1.19347E-05	-2.30956	Week 2 down vs Week 1
10398378	---		1.73132E-08	-2.30871	Week 2 down vs Week 1
10453451	NM_007589 // Calm2 // calmodulin 2 // 17 E4 // 12314 /// BC100301 // Calm2 // ca	Calm2	3.60993E-08	-2.30768	Week 2 down vs Week 1
10359480	NM_001038619 // Dnm3 // dynamin 3 // 1 H2.1 // 103967 /// NM_172646 // Dnm3 // d	Dnm3	6.75183E-05	-2.30689	Week 2 down vs Week 1
10569429	NM_001161624 // Cdkn1c // cyclin-dependent kinase inhibitor 1C (P57) // 7 F5|7 6	Cdkn1c	1.45025E-06	-2.30633	Week 2 down vs Week 1
10342707	---		0.000422931	-2.30601	Week 2 down vs Week 1
10378549	NM_177708 // Rtn4rl1 // reticulon 4 receptor-like 1 // 11 B5 // 237847 /// ENSMU	Rtn4rl1	4.47817E-08	-2.30567	Week 2 down vs Week 1
10362538	NM_010681 // Lama4 // laminin, alpha 4 // 10 B1|10 25.0 cM // 16775 /// ENSMUST0	Lama4	0.000243578	-2.30477	Week 2 down vs Week 1
10354309	NM_007737 // Col5a2 // collagen, type V, alpha 2 // 1 C1 // 12832 /// ENSMUST000	Col5a2	1.74628E-05	-2.3046	Week 2 down vs Week 1
10496919	NM_133247 // Usp33 // ubiquitin specific peptidase 33 // 3 H3 // 170822 /// NM_0	Usp33	6.77378E-08	-2.30366	Week 2 down vs Week 1
10339821	---		0.00122401	-2.30296	Week 2 down vs Week 1
10342484	---		0.000490415	-2.30222	Week 2 down vs Week 1
10371942	BC115566 // 4930485B16Rik // RIKEN cDNA 4930485B16 gene // 10 C2 // 380654	4930485B16Rik	1.25977E-07	-2.30192	Week 2 down vs Week 1
10375774	NM_173372 // Grm6 // glutamate receptor, metabotropic 6 // 11 B1.3 // 108072 ///	Grm6	2.79914E-05	-2.30156	Week 2 down vs Week 1
10341886	---		3.41454E-05	-2.30116	Week 2 down vs Week 1
10455128	NM_053145 // Pcdhb20 // protocadherin beta 20 // 18 B3 // 93891 /// AF326313 //	Pcdhb20	4.1387E-08	-2.30083	Week 2 down vs Week 1
10344897	NM_172294 // Sulf1 // sulfatase 1 // 1 A3 // 240725 /// ENSMUST00000088585 // Su	Sulf1	2.54987E-05	-2.29965	Week 2 down vs Week 1
10442231	---		8.4694E-09	-2.29905	Week 2 down vs Week 1
10341797	---		4.74006E-06	-2.29881	Week 2 down vs Week 1
10339434	---		3.78821E-08	-2.29837	Week 2 down vs Week 1
10479765	NM_022724 // Suv39h2 // suppressor of variegation 3-9 homolog 2 (Drosophila) //	Suv39h2	8.16539E-06	-2.29833	Week 2 down vs Week 1
10462084	---		5.51542E-06	-2.29822	Week 2 down vs Week 1
10455123	NM_053144 // Pcdhb19 // protocadherin beta 19 // 18 B3 // 93890 /// ENSMUST00000	Pcdhb19	4.27502E-07	-2.29807	Week 2 down vs Week 1
10490972	NM_001081281 // Trim55 // tripartite motif-containing 55 // 3 A2 // 381485 /// E	Trim55	0.00051449	-2.29785	Week 2 down vs Week 1
10338872	---		8.73146E-05	-2.29765	Week 2 down vs Week 1
10340179	---		0.0012867	-2.29718	Week 2 down vs Week 1
10577980	NM_021369 // Chrna6 // cholinergic receptor, nicotinic, alpha polypeptide 6 // 8	Chrna6	8.67309E-05	-2.29678	Week 2 down vs Week 1
10579894	NM_020259 // Hhip // Hedgehog-interacting protein // 8 C3|8 40.0 cM // 15245 ///	Hhip	1.61416E-07	-2.29647	Week 2 down vs Week 1
10447341	NM_145491 // Rhoq // ras homolog gene family, member Q // 17 E4|17 56.0 cM // 10	Rhoq	2.20942E-06	-2.29641	Week 2 down vs Week 1
10601360	NM_001109757 // Atp7a // ATPase, Cu++ transporting, alpha polypeptide // X D|X 4	Atp7a	6.91307E-08	-2.29624	Week 2 down vs Week 1
10338861	---		1.40338E-09	-2.2959	Week 2 down vs Week 1
10365987	NM_008438 // Kera // keratocan // 10 C3|10 61.0 cM // 16545 /// ENSMUST000001052	Kera	0.000972525	-2.29563	Week 2 down vs Week 1
10338538	---		1.82564E-05	-2.29557	Week 2 down vs Week 1
10561927	NM_007467 // Aplp1 // amyloid beta (A4) precursor-like protein 1 // 7 B1|7 8.0 c	Aplp1	3.49653E-05	-2.29486	Week 2 down vs Week 1
10589773	BC086653 // Lba1 // lupus brain antigen 1 // 9 F3 // 320429 /// ENSMUST000000786	Lba1	0.000385002	-2.2945	Week 2 down vs Week 1
10339767	---		4.67314E-06	-2.29406	Week 2 down vs Week 1
10340061	---		6.73694E-05	-2.29292	Week 2 down vs Week 1
10338670	---		5.42013E-05	-2.29266	Week 2 down vs Week 1
10519607	BC147127 // 4930420K17Rik // RIKEN cDNA 4930420K17 gene // 5 A1 // 652925 /// NM	4930420K17Rik	1.69849E-06	-2.29251	Week 2 down vs Week 1
10369688	NM_027384 // Tet1 // tet oncogene 1 // 10 B4|10 32.0 cM // 52463 /// AK129421 //	Tet1	1.4454E-08	-2.29238	Week 2 down vs Week 1
10468853	NM_053198 // Sfxn4 // sideroflexin 4 // 19 D3 // 94281 /// ENSMUST00000080806 //	Sfxn4	8.08548E-09	-2.29155	Week 2 down vs Week 1
10518428	NM_011929 // Clcn6 // chloride channel 6 // 4 76.4 cM // 26372 /// ENSMUST000000	Clcn6	1.87169E-09	-2.29119	Week 2 down vs Week 1
10342048	---		6.69497E-07	-2.2904	Week 2 down vs Week 1
10422892	ENSMUST00000053264 // 2410089E03Rik // RIKEN cDNA 2410089E03 gene // 15 A1 // 73	2410089E03Rik	1.09736E-07	-2.29018	Week 2 down vs Week 1
10344040	---		1.12083E-06	-2.28951	Week 2 down vs Week 1
10384940	NM_025745 // 4933407N01Rik // RIKEN cDNA 4933407N01 gene // 11 A4 // 66753 /// E	4933407N01Rik	1.01306E-08	-2.28944	Week 2 down vs Week 1
10341334	---		0.000227454	-2.28909	Week 2 down vs Week 1
10342715	---		2.77078E-09	-2.2888	Week 2 down vs Week 1
10601178	NM_013712 // Itgb1bp2 // integrin beta 1 binding protein 2 // X D // 26549 /// E	Itgb1bp2	0.000549989	-2.28807	Week 2 down vs Week 1
10461423	NM_021890 // Fads3 // fatty acid desaturase 3 // 19 B // 60527 /// ENSMUST000000	Fads3	1.23378E-07	-2.2877	Week 2 down vs Week 1
10423548	NM_008304 // Sdc2 // syndecan 2 // 15 B3.1|15 12.4 cM // 15529 /// ENSMUST000000	Sdc2	0.000090039	-2.28732	Week 2 down vs Week 1

10400030	NM_025840 // Bzw2 // basic leucine zipper and W2 domains 2 // 12 B2 // 66912 ///	Bzw2	5.38E-13	-2.28674	Week 2 down vs Week 1
10419216	NM_019425 // Gnpnat1 // glucosamine-phosphate N-acetyltransferase 1 // 14 C1 //	Gnpnat1	1.47595E-08	-2.28607	Week 2 down vs Week 1
10340814	---		2.27424E-05	-2.28596	Week 2 down vs Week 1
10569707	NM_001093765 // Myadm // myeloid-associated differentiation marker // 7 A1|7 4.0	Myadm	9.84911E-05	-2.2856	Week 2 down vs Week 1
10422962	NM_001085410 // 1110020G09Rik // RIKEN cDNA 1110020G09 gene // 15 A2 // 68646 //	1110020G09Rik	4.73807E-06	-2.28409	Week 2 down vs Week 1
10487277	NM_021450 // Trpm7 // transient receptor potential cation channel, subfamily M,	Trpm7	1.07094E-09	-2.28388	Week 2 down vs Week 1
10358637	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.07074E-05	-2.28388	Week 2 down vs Week 1
10425161	NM_008495 // Lgals1 // lectin, galactose binding, soluble 1 // 15 E|15 44.9 cM /	Lgals1	0.000139209	-2.28371	Week 2 down vs Week 1
10582973	NM_026962 // Kbtbd3 // kelch repeat and BTB (POZ) domain containing 3 // 9 A1 //	Kbtbd3	2.15798E-09	-2.28346	Week 2 down vs Week 1
10339864	---		1.16763E-05	-2.28333	Week 2 down vs Week 1
10459481	NM_027400 // Lman1 // lectin, mannose-binding, 1 // 18 E1 // 70361 /// ENSMUST00	Lman1	1.36187E-09	-2.28316	Week 2 down vs Week 1
10417713	NM_011243 // Rarb // retinoic acid receptor, beta // 14 A1-A3 // 218772 /// ENSM	Rarb	2.90884E-06	-2.28259	Week 2 down vs Week 1
10436363	NM_030163 // Filip1l // filamin A interacting protein 1-like // 16 C1.1 // 78749	Filip1l	0.00023765	-2.28241	Week 2 down vs Week 1
10562532	NM_172385 // Zfp536 // zinc finger protein 536 // 7 B2 // 243937 /// ENSMUST0000	Zfp536	7.06571E-07	-2.28182	Week 2 down vs Week 1
10595979	NM_008624 // Mras // muscle and microspikes RAS // 9 E3.3 // 17532	Mras	3.74111E-09	-2.28155	Week 2 down vs Week 1
10358553	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.76757E-06	-2.28126	Week 2 down vs Week 1
10340527	---		0.00014597	-2.28125	Week 2 down vs Week 1
10340751	---		5.30282E-05	-2.28077	Week 2 down vs Week 1
10338361	---		5.16675E-07	-2.28027	Week 2 down vs Week 1
10522503	NM_011058 // Pdgfra // platelet derived growth factor receptor, alpha polypeptid	Pdgfra	2.58186E-05	-2.27999	Week 2 down vs Week 1
10339412	---		0.000759011	-2.27995	Week 2 down vs Week 1
10569168	NM_026646 // Slc25a22 // solute carrier family 25 (mitochondrial carrier, glutam	Slc25a22	2.10921E-06	-2.27993	Week 2 down vs Week 1
10338115	---		0.00488041	-2.27912	Week 2 down vs Week 1
10340281	---		4.67884E-06	-2.27894	Week 2 down vs Week 1
10383502	NM_030696 // Slc16a3 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a3	3.46501E-07	-2.27781	Week 2 down vs Week 1
10382830	DQ390337 // Gm11744 // predicted gene 11744 // 11 E2|11 // 100038570 /// ENSMUST	Gm11744	7.91533E-05	-2.27706	Week 2 down vs Week 1
10506050	NM_001122952 // Nfia // nuclear factor I/A // 4 C4-C6|4 45.8 cM // 18027 /// NM_	Nfia	1.16203E-08	-2.27664	Week 2 down vs Week 1
10594221	NM_145616 // Lrrc49 // leucine rich repeat containing 49 // 9 B // 102747 /// NM	Lrrc49	2.03831E-07	-2.27595	Week 2 down vs Week 1
10343417	---		4.90329E-08	-2.2755	Week 2 down vs Week 1
10338624	---		1.02279E-06	-2.27534	Week 2 down vs Week 1
10361270	NM_010778 // Cd46 // CD46 antigen, complement regulatory protein // 1 H6|1 106.6	Cd46	1.7821E-11	-2.27457	Week 2 down vs Week 1
10338431	---		5.50594E-05	-2.27427	Week 2 down vs Week 1
10344540	---		0.000960682	-2.27415	Week 2 down vs Week 1
10368997	AK048022 // C130030K03Rik // RIKEN cDNA C130030K03 gene // --- // 320644	C130030K03Rik	1.4161E-07	-2.27325	Week 2 down vs Week 1
10457733	NM_019737 // B4galt6 // UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polyp	B4galt6	6.93231E-09	-2.27269	Week 2 down vs Week 1
10362495	NM_009925 // Col10a1 // collagen, type X, alpha 1 // 10 22.0 cM // 12813 /// ENS	Col10a1	0.000083766	-2.27266	Week 2 down vs Week 1
10343779	---		4.15747E-06	-2.27201	Week 2 down vs Week 1
10344545	---		0.000161543	-2.27185	Week 2 down vs Week 1
10462957	NM_145952 // Tbc1d12 // TBC1D12: TBC1 domain family, member 12 // 19 C3 // 20947	Tbc1d12	8.4573E-11	-2.26957	Week 2 down vs Week 1
10468722	NM_010279 // Gfra1 // glial cell line derived neurotrophic factor family recepto	Gfra1	3.23416E-09	-2.26945	Week 2 down vs Week 1
10368243	NM_010167 // Eya4 // eyes absent 4 homolog (Drosophila) // 10 A3|10 18.0 cM // 1	Eya4	6.85673E-07	-2.26901	Week 2 down vs Week 1
10339000	---		2.16877E-09	-2.26833	Week 2 down vs Week 1
10508651	NM_011520 // Sdc3 // syndecan 3 // 4 D2.3|4 60.8 cM // 20970 /// ENSMUST00000070	Sdc3	0.000190415	-2.26771	Week 2 down vs Week 1
10462442	NM_133775 // Il33 // interleukin 33 // 19 C2 // 77125 /// ENSMUST00000120388 //	Il33	1.89135E-06	-2.2677	Week 2 down vs Week 1
10590298	NM_026892 // Eif1b // eukaryotic translation initiation factor 1B // 9 F4 // 689	Eif1b	1.88557E-10	-2.26757	Week 2 down vs Week 1
10344568	---		3.34712E-07	-2.26693	Week 2 down vs Week 1
10408346	ENSMUST00000069594 // Gm9983 // predicted gene 9983 // --- // 100036543	Gm9983	4.4024E-11	-2.26641	Week 2 down vs Week 1
10339930	---		4.31081E-08	-2.26606	Week 2 down vs Week 1
10358733	NM_016846 // Rgl1 // ral guanine nucleotide dissociation stimulator,-like 1 // 1	Rgl1	3.44821E-05	-2.26504	Week 2 down vs Week 1
10472378	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	5.88669E-07	-2.264	Week 2 down vs Week 1
10338915	---		1.34864E-05	-2.26396	Week 2 down vs Week 1
10340407	---		0.000546902	-2.2639	Week 2 down vs Week 1
10343814	---		0.0330325	-2.26372	Week 2 down vs Week 1
10386427	NM_146018 // Flcn // folliculin // 11 B1.3 // 216805 /// ENSMUST00000102697 // F	Flcn	3.60232E-10	-2.26324	Week 2 down vs Week 1
10455595	NM_023119 // Eno1 // enolase 1, alpha non-neuron // 4 E2 // 13806 /// NM_0011348	Eno1	7.84321E-07	-2.26304	Week 2 down vs Week 1
10362372	NM_001162537 // 9330159F19Rik // RIKEN cDNA 9330159F19 gene // 10 A4 // 212448 /	9330159F19Rik	2.21623E-05	-2.26263	Week 2 down vs Week 1
10521927	NM_144517 // Tbc1d19 // TBC1 domain family, member 19 // 5 C1 // 67249 /// ENSMU	Tbc1d19	2.31931E-08	-2.26189	Week 2 down vs Week 1
10474096	NM_178725 // Lrrc4c // leucine rich repeat containing 4C // 2 E1 // 241568 /// E	Lrrc4c	6.53429E-05	-2.26186	Week 2 down vs Week 1
10498383	NM_001162884 // Igsf10 // immunoglobulin superfamily, member 10 // 3 D // 242050	Igsf10	2.32456E-05	-2.26154	Week 2 down vs Week 1
10556067	NM_021889 // Syt9 // synaptotagmin IX // 7 F2 // 60510 /// ENSMUST00000073459 //	Syt9	2.79187E-07	-2.26107	Week 2 down vs Week 1
10365003	AF357364 // Snord37 // small nucleolar RNA, C/D box 37 // 10|10 // 100217454	Snord37	8.27019E-07	-2.26066	Week 2 down vs Week 1
10523746	NR_024083 // BC005561 // HO complex 2 pseudogene // 5 E5 // 100042165	BC005561	1.22561E-08	-2.26047	Week 2 down vs Week 1
10532582	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	9.75852E-05	-2.26044	Week 2 down vs Week 1
10568131	NM_030240 // 2900092E17Rik // RIKEN cDNA 2900092E17 gene // 7 F4 // 67278 /// EN	2900092E17Rik	3.5068E-11	-2.2601	Week 2 down vs Week 1
10548996	NM_030687 // Slco1a4 // solute carrier organic anion transporter family, member	Slco1a4	0.0091212	-2.25997	Week 2 down vs Week 1

10485955	NM_009162 // Scg5 // secretogranin V // 2 E5|2 64.0 cM // 20394 /// ENSMUST00000	Scg5	0.000371888	-2.25969	Week 2 down vs Week 1
10343709	---		2.05541E-08	-2.25919	Week 2 down vs Week 1
10466000	NM_028411 // Tmem138 // transmembrane protein 138 // 19 B // 72982 /// ENSMUST00	Tmem138	3.43305E-08	-2.25885	Week 2 down vs Week 1
10381898	NM_008626 // Mrc2 // mannose receptor, C type 2 // 11 E1 // 17534 /// ENSMUST000	Mrc2	1.93136E-06	-2.25851	Week 2 down vs Week 1
10448459	NM_173186 // Tbc1d24 // TBC1 domain family, member 24 // 17 A3.3 // 224617 /// E	Tbc1d24	1.18529E-07	-2.25807	Week 2 down vs Week 1
10341348	---		7.37105E-06	-2.25783	Week 2 down vs Week 1
10342666	---		0.000559315	-2.2578	Week 2 down vs Week 1
10498972	NM_001146328 // Rbm46 // RNA binding motif protein 46 // 3 E3 // 633285 /// ENSM	Rbm46	4.75605E-07	-2.25753	Week 2 down vs Week 1
10447254	NM_001159496 // Ppm1b // protein phosphatase 1B, magnesium dependent, beta isofo	Ppm1b	6.41243E-10	-2.25726	Week 2 down vs Week 1
10355500	NM_010518 // Igfbp5 // insulin-like growth factor binding protein 5 // 1 C3|1 36	Igfbp5	0.000299805	-2.25715	Week 2 down vs Week 1
10445071	NM_001013745 // Zfp57 // zinc finger protein 57 // 17 B3|17 // 22715 /// NM_0095	Zfp57	5.38802E-10	-2.25659	Week 2 down vs Week 1
10398390	---		2.10074E-06	-2.25599	Week 2 down vs Week 1
10341999	---		0.0004469	-2.25578	Week 2 down vs Week 1
10404913	NM_026056 // Cap2 // CAP, adenylate cyclase-associated protein, 2 (yeast) // 13	Cap2	0.000121673	-2.25577	Week 2 down vs Week 1
10360542	NM_025511 // Fam36a // family with sequence similarity 36, member A // 1 H3 // 6	Fam36a	2.28482E-07	-2.25518	Week 2 down vs Week 1
10557206	NM_175023 // Rbbp6 // retinoblastoma binding protein 6 // --- // 19647 /// NM_01	Rbbp6	9.52498E-08	-2.25516	Week 2 down vs Week 1
10544462	BC031718 // Fam115a // family with sequence similarity 115, member A // 6 B2|6 /	Fam115a	2.01294E-08	-2.25451	Week 2 down vs Week 1
10342340	---		6.07966E-05	-2.2544	Week 2 down vs Week 1
10392642	NM_147219 // Abca5 // ATP-binding cassette, sub-family A (ABC1), member 5 // 11	Abca5	8.0587E-09	-2.25378	Week 2 down vs Week 1
10339892	---		0.00334898	-2.25353	Week 2 down vs Week 1
10357736	NM_182716 // Nfasc // neurofascin // 1 E4|1 70.0 cM // 269116 /// NM_001160317 /	Nfasc	0.000562706	-2.25288	Week 2 down vs Week 1
10358527	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000102344	-2.25275	Week 2 down vs Week 1
10535883	NM_153572 // Katnal1 // katanin p60 subunit A-like 1 // 5 G3 // 231912 /// ENSMU	Katnal1	3.63113E-10	-2.2526	Week 2 down vs Week 1
10558285	NM_207302 // Zranb1 // zinc finger, RAN-binding domain containing 1 // 7 F3 // 3	Zranb1	3.14818E-10	-2.2525	Week 2 down vs Week 1
10344441	---		0.000108575	-2.25176	Week 2 down vs Week 1
10505028	AK141895 // Slc44a1 // solute carrier family 44, member 1 // 4 B2 // 100434	Slc44a1	0.000125283	-2.25167	Week 2 down vs Week 1
10339373	---		0.000391295	-2.25126	Week 2 down vs Week 1
10424140	NM_181277 // Col14a1 // collagen, type XIV, alpha 1 // 15 D // 12818 /// ENSMUST	Col14a1	0.000376722	-2.25119	Week 2 down vs Week 1
10343240	---		0.00156146	-2.25033	Week 2 down vs Week 1
10429203	BC119174 // Fam135b // family with sequence similarity 135, member B // 15 D3 //	Fam135b	8.08285E-06	-2.25031	Week 2 down vs Week 1
10346250	NM_010834 // Mstn // myostatin // 1 C1.1|1 27.8 cM // 17700 /// ENSMUST000000272	Mstn	2.88597E-07	-2.25007	Week 2 down vs Week 1
10474141	NM_001077514 // Slc1a2 // solute carrier family 1 (glial high affinity glutamate	Slc1a2	0.000177288	-2.24989	Week 2 down vs Week 1
10537292	NR_015608 // 1810058I24Rik // RIKEN cDNA 1810058I24 gene // 6 B1 // 67705 /// NR	1810058I24Rik	6.49289E-09	-2.24964	Week 2 down vs Week 1
10441565	NM_011299 // Rps6ka2 // ribosomal protein S6 kinase, polypeptide 2 // 17 F4|17 3	Rps6ka2	2.1038E-08	-2.24898	Week 2 down vs Week 1
10455550	BC113158 // 4833403I15Rik // RIKEN cDNA 4833403I15 gene // 18 C // 74574 /// ENS	4833403I15Rik	2.17827E-06	-2.24896	Week 2 down vs Week 1
10578361	NM_019734 // Asah1 // N-acylsphingosine amidohydrolase 1 // 8 A4 // 11886 /// EN	Asah1	1.11401E-07	-2.24837	Week 2 down vs Week 1
10440258	NM_010140 // Epha3 // Eph receptor A3 // 16 C1.3 // 13837 /// ENSMUST00000064405	Epha3	1.51552E-10	-2.24779	Week 2 down vs Week 1
10452729	BC046516 // BC027072 // cDNA sequence BC027072 // 17 E1.3 // 225004 /// BC060373	BC027072	0.000867612	-2.24724	Week 2 down vs Week 1
10412394	NR_003544 // Nnt // nicotinamide nucleotide transhydrogenase // 13 D2|13 64.0 cM	Nnt	5.31848E-08	-2.24669	Week 2 down vs Week 1
10343302	---		0.000141058	-2.24654	Week 2 down vs Week 1
10367772	NM_177271 // Samd5 // sterile alpha motif domain containing 5 // 10 A1 // 320825	Samd5	1.80744E-09	-2.24572	Week 2 down vs Week 1
10572815	NM_144534 // Tmem38a // transmembrane protein 38A // 8 B3.3 // 74166 /// NM_0011	Tmem38a	1.28228E-06	-2.24534	Week 2 down vs Week 1
10340724	---		0.0071204	-2.245	Week 2 down vs Week 1
10465844	NM_025610 // Asrgl1 // asparaginase like 1 // 19 A // 66514 /// ENSMUST000000499	Asrgl1	4.53205E-09	-2.24421	Week 2 down vs Week 1
10338445	---		0.000788819	-2.24396	Week 2 down vs Week 1
10392560	NM_147220 // Abca9 // ATP-binding cassette, sub-family A (ABC1), member 9 // 11	Abca9	8.74775E-05	-2.24391	Week 2 down vs Week 1
10364784	NM_139292 // Reep6 // receptor accessory protein 6 // 10 C1 // 70335 /// ENSMUST	Reep6	0.002099	-2.24389	Week 2 down vs Week 1
10446553	NM_013813 // Epb4.1l3 // erythrocyte protein band 4.1-like 3 // 17 E1.3|17 42.5	Epb4.1l3	2.60158E-09	-2.24374	Week 2 down vs Week 1
10398428	---		1.82326E-07	-2.24356	Week 2 down vs Week 1
10338614	---		9.96275E-06	-2.24229	Week 2 down vs Week 1
10342032	---		0.000155707	-2.24202	Week 2 down vs Week 1
10338907	---		6.97545E-07	-2.24194	Week 2 down vs Week 1
10377319	NM_175260 // Myh10 // myosin, heavy polypeptide 10, non-muscle // 11 B3|11 40.0	Myh10	5.81645E-10	-2.24111	Week 2 down vs Week 1
10342546	---		0.000213395	-2.24089	Week 2 down vs Week 1
10339341	---		3.06885E-08	-2.23956	Week 2 down vs Week 1
10339580	---		0.0100772	-2.23906	Week 2 down vs Week 1
10338598	---		0.00523806	-2.23901	Week 2 down vs Week 1
10339470	---		7.48777E-07	-2.23872	Week 2 down vs Week 1
10341690	---		4.38049E-05	-2.23802	Week 2 down vs Week 1
10601412	NM_175271 // Lpar4 // lysophosphatidic acid receptor 4 // X D // 78134 /// ENSMU	Lpar4	3.08875E-06	-2.23793	Week 2 down vs Week 1
10568369	NM_009943 // Cox6a2 // cytochrome c oxidase, subunit VI a, polypeptide 2 // 7 F3	Cox6a2	0.000614625	-2.23741	Week 2 down vs Week 1
10481804	NM_175211 // Ralgps1 // Ral GEF with PH domain and SH3 binding motif 1 // 2 B //	Ralgps1	2.54178E-09	-2.23737	Week 2 down vs Week 1
10341950	---		0.0171053	-2.23737	Week 2 down vs Week 1
10458894	NM_010728 // Lox // lysyl oxidase // 18 D1|18 29.0 cM // 16948 /// ENSMUST000000	Lox	5.06951E-05	-2.23732	Week 2 down vs Week 1
10509163	NM_008321 // Id3 // inhibitor of DNA binding 3 // 4 D3|4 66.0 cM // 15903 /// EN	Id3	0.000104902	-2.23731	Week 2 down vs Week 1

10442887	BC132383 // Fbxl16 // F-box and leucine-rich repeat protein 16 // 17 A3.3 // 214	Fbxl16	2.26095E-07	-2.23707	Week 2 down vs Week 1
10341419	---		3.67912E-05	-2.23691	Week 2 down vs Week 1
10342795	---		1.90233E-05	-2.2367	Week 2 down vs Week 1
10582978	BC014729 // 8430410K20Rik // RIKEN cDNA 8430410K20 gene // 9 A1 // 78100	8430410K20Rik	5.04064E-09	-2.23605	Week 2 down vs Week 1
10589076	NM_020520 // Slc25a20 // solute carrier family 25 (mitochondrial carnitine/acylc	Slc25a20	4.58667E-10	-2.2359	Week 2 down vs Week 1
10564565	XR_034027 // Gm7693 // predicted gene 7693 // 7 D1 // 665570	Gm7693	2.91882E-09	-2.23577	Week 2 down vs Week 1
10343712	---		1.11693E-05	-2.23567	Week 2 down vs Week 1
10458122	NM_080637 // Nme5 // non-metastatic cells 5, protein expressed in (nucleoside-di	Nme5	2.08705E-05	-2.23544	Week 2 down vs Week 1
10430723	AJ006341 // Slc25a17 // solute carrier family 25 (mitochondrial carrier, peroxis	Slc25a17	8.82819E-08	-2.23391	Week 2 down vs Week 1
10534085	NM_011079 // Phkg1 // phosphorylase kinase gamma 1 // 5 G1.3|5 72.0 cM // 18682	Phkg1	0.000122845	-2.23375	Week 2 down vs Week 1
10453334	NM_028233 // Lrpprc // leucine-rich PPR-motif containing // 17 E4 // 72416 /// E	Lrpprc	8.372E-12	-2.23371	Week 2 down vs Week 1
10440388	NR_027492 // Hspa13 // heat shock protein 70 family, member 13 // 16 47.2 cM //	Hspa13	2.93744E-09	-2.23362	Week 2 down vs Week 1
10339939	---		0.000311702	-2.23358	Week 2 down vs Week 1
10489891	NM_019835 // B4galt5 // UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polyp	B4galt5	7.18439E-09	-2.23353	Week 2 down vs Week 1
10341862	---		5.80585E-07	-2.23351	Week 2 down vs Week 1
10607189	NM_153319 // Amot // angiomotin // X F2 // 27494 /// ENSMUST00000039988 // Amot	Amot	4.61218E-06	-2.23212	Week 2 down vs Week 1
10340892	---		1.69695E-06	-2.23195	Week 2 down vs Week 1
10351140	NM_010629 // Kifap3 // kinesin-associated protein 3 // 1 H1 // 16579 /// ENSMUST	Kifap3	1.30941E-09	-2.23169	Week 2 down vs Week 1
10374793	NM_027869 // Pnpt1 // polyribonucleotide nucleotidyltransferase 1 // 11 A4 // 71	Pnpt1	1.20035E-07	-2.23168	Week 2 down vs Week 1
10344367	---		9.35163E-06	-2.2311	Week 2 down vs Week 1
10342247	---		5.03189E-09	-2.23046	Week 2 down vs Week 1
10473244	NM_175513 // Zfp804a // zinc finger protein 804A // 2 D // 241514 /// ENSMUST000	Zfp804a	0.000016607	-2.23034	Week 2 down vs Week 1
10339742	---		3.94582E-06	-2.23013	Week 2 down vs Week 1
10339506	---		0.000055503	-2.22902	Week 2 down vs Week 1
10407921	NM_011696 // Vdac3 // voltage-dependent anion channel 3 // 8 A2|8 8.0 cM // 2233	Vdac3	3.50824E-10	-2.22866	Week 2 down vs Week 1
10407926	NM_011696 // Vdac3 // voltage-dependent anion channel 3 // 8 A2|8 8.0 cM // 2233	Vdac3	3.50824E-10	-2.22866	Week 2 down vs Week 1
10343852	---		0.000296405	-2.22805	Week 2 down vs Week 1
10605616	NM_001160403 // Il1rapl1 // interleukin 1 receptor accessory protein-like 1 // X	Il1rapl1	2.56601E-07	-2.22787	Week 2 down vs Week 1
10591706	NM_010487 // Elavl3 // ELAV (embryonic lethal, abnormal vision, Drosophila)-like	Elavl3	3.87814E-05	-2.22763	Week 2 down vs Week 1
10343773	---		0.000233129	-2.22749	Week 2 down vs Week 1
10381154	NM_009923 // Cnp // 2',3'-cyclic nucleotide 3' phosphodiesterase // 11 D|11 60.0	Cnp	0.000992057	-2.22731	Week 2 down vs Week 1
10516778	NM_153160 // Zcchc17 // zinc finger, CCHC domain containing 17 // 4 D2.2 // 6196	Zcchc17	5.34557E-09	-2.22701	Week 2 down vs Week 1
10350337	ENSMUST00000054333 // A130050O07Rik // RIKEN cDNA A130050O07 gene // 1 E4 // 320	A130050O07Rik	3.80948E-08	-2.22699	Week 2 down vs Week 1
10380489	NM_146025 // Samd14 // sterile alpha motif domain containing 14 // 11 D // 21712	Samd14	2.70513E-09	-2.22698	Week 2 down vs Week 1
10539653	NM_176842 // Tprkb // Tp53rk binding protein // 6 C3 // 69786 /// ENSMUST0000011	Tprkb	2.12708E-06	-2.22684	Week 2 down vs Week 1
10341192	---		1.97981E-07	-2.22629	Week 2 down vs Week 1
10342879	---		3.46051E-06	-2.22548	Week 2 down vs Week 1
10392259	ENSMUST00000100311 // Smurf2 // SMAD specific E3 ubiquitin protein ligase 2 // 1	Smurf2	2.36582E-07	-2.22503	Week 2 down vs Week 1
10340303	---		0.000041763	-2.22498	Week 2 down vs Week 1
10556583	NM_001130479 // Nucb2 // nucleobindin 2 // 7 F1 // 53322 /// NM_016773 // Nucb2	Nucb2	2.11001E-07	-2.22472	Week 2 down vs Week 1
10350188	NM_025439 // Tmem9 // transmembrane protein 9 // 1 E4 // 66241 /// NM_001160145	Tmem9	5.561E-12	-2.22442	Week 2 down vs Week 1
10385635	NM_013922 // Zfp354c // zinc finger protein 354C // 11 B1.3|11 25.0 cM // 30944	Zfp354c	6.4138E-09	-2.22412	Week 2 down vs Week 1
10599841	ENSMUST00000096426 // C230004F18Rik // RIKEN cDNA C230004F18 gene // X A6 // 331	C230004F18Rik	2.96331E-05	-2.22288	Week 2 down vs Week 1
10396008	NM_177806 // Prpf39 // PRP39 pre-mRNA processing factor 39 homolog (yeast) // 12	Prpf39	8.96342E-09	-2.22202	Week 2 down vs Week 1
10343757	---		0.00509423	-2.22191	Week 2 down vs Week 1
10339150	---		2.09634E-08	-2.22189	Week 2 down vs Week 1
10369702	NM_027384 // Tet1 // tet oncogene 1 // 10 B4|10 32.0 cM // 52463 /// ENSMUST0000	Tet1	2.41921E-08	-2.22146	Week 2 down vs Week 1
10482177	NM_009261 // Strbp // spermatid perinuclear RNA binding protein // 2 B // 20744	Strbp	1.12627E-07	-2.22095	Week 2 down vs Week 1
10573115	NM_177378 // Rnf150 // ring finger protein 150 // 8 C2 // 330812 /// ENSMUST0000	Rnf150	4.6011E-11	-2.22069	Week 2 down vs Week 1
10384691	NM_027860 // 0610010F05Rik // RIKEN cDNA 0610010F05 gene // 11 A3.3 // 71675 ///	0610010F05Rik	1.46808E-09	-2.22049	Week 2 down vs Week 1
10341319	---		0.000705032	-2.22046	Week 2 down vs Week 1
10339765	---		2.57776E-08	-2.2204	Week 2 down vs Week 1
10338894	---		0.000753147	-2.22032	Week 2 down vs Week 1
10437180	NM_015825 // Sh3bgr // SH3-binding domain glutamic acid-rich protein // 16 C4 //	Sh3bgr	1.39072E-05	-2.22011	Week 2 down vs Week 1
10340168	---		1.87138E-08	-2.21893	Week 2 down vs Week 1
10338360	---		0.000317298	-2.218	Week 2 down vs Week 1
10343210	---		2.15073E-06	-2.2175	Week 2 down vs Week 1
10342583	---		0.000231391	-2.21711	Week 2 down vs Week 1
10341586	---		0.000894831	-2.21598	Week 2 down vs Week 1
10435075	NM_011638 // Tfrc // transferrin receptor // 16 B3|16 21.2 cM // 22042 /// ENSMU	Tfrc	2.27457E-06	-2.21558	Week 2 down vs Week 1
10358599	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	5.5211E-07	-2.21543	Week 2 down vs Week 1
10339044	---		0.000124104	-2.21535	Week 2 down vs Week 1
10344272	---		0.000261932	-2.21512	Week 2 down vs Week 1
10341539	---		8.23207E-06	-2.21474	Week 2 down vs Week 1
10558295	ENSMUST00000106157 // Zranb1 // zinc finger, RAN-binding domain containing 1 //	Zranb1	4.58832E-07	-2.21468	Week 2 down vs Week 1

10447490	NM_001025309 // Pja2 // praja 2, RING-H2 motif containing // 17 E1.1 // 224938 /	Pja2	1.56288E-10	-2.21365	Week 2 down vs Week 1
10375634	NM_016961 // Mapk9 // mitogen-activated protein kinase 9 // 11 B1.2 // 26420 ///	Mapk9	4.7608E-11	-2.21358	Week 2 down vs Week 1
10472368	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	1.86616E-05	-2.21351	Week 2 down vs Week 1
10520763	NM_144909 // Gckr // glucokinase regulatory protein // 5 B1 // 231103 /// ENSMUS	Gckr	7.65837E-05	-2.21349	Week 2 down vs Week 1
10495896	NM_001025439 // Camk2d // calcium/calmodulin-dependent protein kinase II, delta	Camk2d	1.04007E-09	-2.21235	Week 2 down vs Week 1
10497265	NM_024406 // Fabp4 // fatty acid binding protein 4, adipocyte // 3 A1|3 13.9 cM	Fabp4	0.00626899	-2.21085	Week 2 down vs Week 1
10549842	NM_001024928 // Zfp667 // zinc finger protein 667 // 7 A1 // 384763 /// ENSMUST0	Zfp667	1.18818E-09	-2.21049	Week 2 down vs Week 1
10354374	NM_016917 // Slc40a1 // solute carrier family 40 (iron-regulated transporter), m	Slc40a1	2.6917E-08	-2.2103	Week 2 down vs Week 1
10446619	NM_010867 // Myom1 // myomesin 1 // 17 E1.3 // 17929 /// NM_001083934 // Myom1 /	Myom1	0.00376838	-2.21008	Week 2 down vs Week 1
10538547	NM_012056 // Fkbp9 // FK506 binding protein 9 // 6 B3|6 28.0 cM // 27055 /// ENS	Fkbp9	4.20724E-06	-2.20936	Week 2 down vs Week 1
10439960	NM_028815 // Cep97 // centrosomal protein 97 // 16 C1.1 // 74201 /// NM_00115936	Cep97	2.51432E-10	-2.20841	Week 2 down vs Week 1
10339896	---		0.00121163	-2.20764	Week 2 down vs Week 1
10342761	---		4.15022E-10	-2.20719	Week 2 down vs Week 1
10346330	NM_001114663 // Plcl1 // phospholipase C-like 1 // 1 C1.2-C1.3 // 227120 /// ENS	Plcl1	1.81114E-06	-2.20675	Week 2 down vs Week 1
10431812	NM_016743 // Nell2 // NEL-like 2 (chicken) // --- // 54003 /// ENSMUST0000007527	Nell2	3.29581E-07	-2.20671	Week 2 down vs Week 1
10560624	NM_009696 // Apoe // apolipoprotein E // 7 A3|7 4.0 cM // 11816 /// ENSMUST00000	Apoe	9.18531E-06	-2.20619	Week 2 down vs Week 1
10566457	NM_009685 // Apbb1 // amyloid beta (A4) precursor protein-binding, family B, mem	Apbb1	8.34446E-09	-2.2059	Week 2 down vs Week 1
10358559	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000107031	-2.20516	Week 2 down vs Week 1
10365420	NM_001013028 // AI597468 // expressed sequence AI597468 // 10 C1 // 103266 /// N	AI597468	5.75334E-09	-2.20499	Week 2 down vs Week 1
10338763	---		2.77737E-08	-2.20388	Week 2 down vs Week 1
10341874	---		4.80601E-06	-2.20295	Week 2 down vs Week 1
10586240	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	2.05791E-07	-2.20231	Week 2 down vs Week 1
10527959	---		2.46551E-09	-2.20218	Week 2 down vs Week 1
10455092	NM_053137 // Pcdhb12 // protocadherin beta 12 // 18 B3 // 93883 /// ENSMUST00000	Pcdhb12	1.24255E-06	-2.20167	Week 2 down vs Week 1
10572485	NM_009001 // Rab3a // RAB3A, member RAS oncogene family // 8 B3.3|8 32.6 cM // 1	Rab3a	1.9127E-07	-2.20144	Week 2 down vs Week 1
10601980	NM_175541 // Mum1l1 // melanoma associated antigen (mutated) 1-like 1 // X F1 //	Mum1l1	6.4105E-09	-2.2008	Week 2 down vs Week 1
10339631	---		0.000127099	-2.19988	Week 2 down vs Week 1
10376778	NM_029568 // Mfap4 // microfibrillar-associated protein 4 // 11 B2|11 34.35 cM /	Mfap4	6.78825E-05	-2.19955	Week 2 down vs Week 1
10491477	NM_011443 // Sox2 // SRY-box containing gene 2 // 3 A2-B|3 15.0 cM // 20674 ///	Sox2	0.00154988	-2.19881	Week 2 down vs Week 1
10382890	NM_028777 // Sec14l1 // SEC14-like 1 (S. cerevisiae) // 11 E2 // 74136 /// ENSMU	Sec14l1	1.6493E-09	-2.19823	Week 2 down vs Week 1
10431612	NM_026817 // Rabl2a // RAB, member of RAS oncogene family-like 2A // 15 E3 // 68	Rabl2a	5.2766E-09	-2.19789	Week 2 down vs Week 1
10555055	NM_024220 // Ndufc2 // NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2	Ndufc2	4.6264E-11	-2.19726	Week 2 down vs Week 1
10344145	---		0.000039713	-2.19709	Week 2 down vs Week 1
10603814	NM_177353 // Slc9a7 // solute carrier family 9 (sodium/hydrogen exchanger), memb	Slc9a7	1.85542E-08	-2.19708	Week 2 down vs Week 1
10472097	NM_172409 // Fmnl2 // formin-like 2 // 2 C1.1 // 71409 /// ENSMUST00000049483 //	Fmnl2	9.79516E-06	-2.1967	Week 2 down vs Week 1
10403834	NM_016687 // Sfrp4 // secreted frizzled-related protein 4 // 13 A2|13 7.0 cM //	Sfrp4	0.00404597	-2.19635	Week 2 down vs Week 1
10476588	NM_001013802 // Macrod2 // MACRO domain containing 2 // 2 F3 // 72899 /// ENSMUS	Macrod2	1.19378E-08	-2.19589	Week 2 down vs Week 1
10342662	---		0.00210013	-2.19554	Week 2 down vs Week 1
10489872	NM_008420 // Kcnb1 // potassium voltage gated channel, Shab-related subfamily, m	Kcnb1	0.000272067	-2.19547	Week 2 down vs Week 1
10358603	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	3.91221E-07	-2.19542	Week 2 down vs Week 1
10406530	NM_025335 // Tmem167 // transmembrane protein 167 // 13 C3 // 66074 /// ENSMUST0	Tmem167	7.96861E-08	-2.19527	Week 2 down vs Week 1
10342735	---		7.74336E-07	-2.19516	Week 2 down vs Week 1
10343333	---		0.000013933	-2.19509	Week 2 down vs Week 1
10340436	---		1.18158E-07	-2.19474	Week 2 down vs Week 1
10339699	---		0.00019106	-2.19437	Week 2 down vs Week 1
10358551	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	5.2641E-06	-2.19408	Week 2 down vs Week 1
10597960	NM_139142 // Slc6a20a // solute carrier family 6 (neurotransmitter transporter),	Slc6a20a	5.77617E-06	-2.19388	Week 2 down vs Week 1
10344725	NM_175236 // Adhfe1 // alcohol dehydrogenase, iron containing, 1 // 1 A2 // 7618	Adhfe1	1.89267E-08	-2.19323	Week 2 down vs Week 1
10338286	---		1.24129E-07	-2.19317	Week 2 down vs Week 1
10340711	---		5.08691E-06	-2.19296	Week 2 down vs Week 1
10469335	NM_011484 // Stam // signal transducing adaptor molecule (SH3 domain and ITAM mo	Stam	4.82886E-10	-2.19257	Week 2 down vs Week 1
10557374	BC158019 // D430042O09Rik // RIKEN cDNA D430042O09 gene // 7 F3 // 233865 /// BC	D430042O09Rik	1.66972E-06	-2.19222	Week 2 down vs Week 1
10344569	---		0.000436039	-2.19149	Week 2 down vs Week 1
10339382	---		4.83521E-08	-2.19105	Week 2 down vs Week 1
10344789	NM_026493 // Cspp1 // centrosome and spindle pole associated protein 1 // 1 A2 /	Cspp1	2.06768E-07	-2.19095	Week 2 down vs Week 1
10340358	---		4.01281E-08	-2.19051	Week 2 down vs Week 1
10455826	NM_001001979 // Megf10 // multiple EGF-like-domains 10 // 18 D3 // 70417 /// ENS	Megf10	1.1941E-11	-2.19033	Week 2 down vs Week 1
10342483	---		9.90669E-07	-2.19024	Week 2 down vs Week 1
10466682	NM_153808 // Smc5 // structural maintenance of chromosomes 5 // 19 B // 226026 /	Smc5	2.46441E-10	-2.19013	Week 2 down vs Week 1
10342964	---		8.98136E-05	-2.19009	Week 2 down vs Week 1
10358585	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.0453E-06	-2.18918	Week 2 down vs Week 1
10492341	NM_001081295 // 4631416L12Rik // RIKEN cDNA 4631416L12 gene // 3 E1 // 622434 //	4631416L12Rik	8.77415E-06	-2.18912	Week 2 down vs Week 1
10449991	NM_207541 // Zfp81 // zinc finger protein 81 // 17 B1 // 224694 /// ENSMUST00000	Zfp81	5.16324E-07	-2.18886	Week 2 down vs Week 1
10591853	NM_194263 // Tbx20 // T-box 20 // 9 A4 // 57246 /// NM_020496 // Tbx20 // T-box	Tbx20	0.00225863	-2.18866	Week 2 down vs Week 1
10498415	NM_028136 // Dhx36 // DEAH (Asp-Glu-Ala-His) box polypeptide 36 // 3 E1 // 72162	Dhx36	1.02558E-07	-2.18831	Week 2 down vs Week 1

10532594	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.000151272	-2.18804	Week 2 down vs Week 1
10344057	---		1.6603E-09	-2.18775	Week 2 down vs Week 1
10393573	NM_011150 // Lgals3bp // lectin, galactoside-binding, soluble, 3 binding protein	Lgals3bp	5.46014E-07	-2.18757	Week 2 down vs Week 1
10406934	NM_007960 // Etv1 // ets variant gene 1 // 12 A3-B1|12 18.5 cM // 14009 /// ENSM	Etv1	8.77088E-07	-2.18646	Week 2 down vs Week 1
10339789	---		0.000352022	-2.1862	Week 2 down vs Week 1
10586306	NM_020043 // lgdcc4 // immunoglobulin superfamily, DCC subclass, member 4 // 9 C	lgdcc4	2.12006E-07	-2.18618	Week 2 down vs Week 1
10343119	---		0.000252962	-2.1861	Week 2 down vs Week 1
10376956	NM_178870 // Hs3st3a1 // heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1	Hs3st3a1	1.00907E-05	-2.18578	Week 2 down vs Week 1
10360631	NM_023341 // Cabc1 // chaperone, ABC1 activity of bc1 complex like (S. pombe) //	Cabc1	0.000115528	-2.18574	Week 2 down vs Week 1
10504234	NM_001081413 // Unc13b // unc-13 homolog B (C. elegans) // --- // 22249 /// ENSM	Unc13b	1.02663E-06	-2.18508	Week 2 down vs Week 1
10493633	NM_022314 // Tpm3 // tropomyosin 3, gamma // 3 F1 // 59069 /// ENSMUST0000011957	Tpm3	0.0113963	-2.18436	Week 2 down vs Week 1
10403604	NM_010748 // Lyst // lysosomal trafficking regulator // 13 A1|13 7.0 cM // 17101	Lyst	2.47199E-08	-2.1839	Week 2 down vs Week 1
10604564	NM_008150 // Gpc4 // glypican 4 // X A5|X 16.0 cM // 14735 /// ENSMUST0000003345	Gpc4	3.57444E-06	-2.18388	Week 2 down vs Week 1
10485070	NM_010784 // Mdk // midkine // 2 E1|2 53.0 cM // 17242 /// NM_001012335 // Mdk /	Mdk	4.01189E-06	-2.18363	Week 2 down vs Week 1
10496359	NM_016885 // Emcn // endomucin // 3 G3 // 59308 /// ENSMUST00000119475 // Emcn /	Emcn	0.0203089	-2.18337	Week 2 down vs Week 1
10512574	NM_172692 // Gba2 // glucosidase beta 2 // 4 B1 // 230101 /// ENSMUST00000030189	Gba2	2.77763E-09	-2.18318	Week 2 down vs Week 1
10536220	NM_007743 // Col1a2 // collagen, type I, alpha 2 // 6 A1|6 0.68 cM // 12843 ///	Col1a2	8.64143E-05	-2.18291	Week 2 down vs Week 1
10573082	NM_001024617 // Inpp4b // inositol polyphosphate-4-phosphatase, type II // 8 C2|	Inpp4b	3.58892E-10	-2.18058	Week 2 down vs Week 1
10540822	NM_172890 // Slc6a11 // solute carrier family 6 (neurotransmitter transporter, G	Slc6a11	0.0020827	-2.18027	Week 2 down vs Week 1
10410465	BC026613 // BC018507 // cDNA sequence BC018507 // 13 C1 // 218333 /// BC018507 /	BC018507	9.808E-11	-2.17964	Week 2 down vs Week 1
10508142	NM_199473 // Col8a2 // collagen, type VIII, alpha 2 // 4 D2.2 // 329941 /// ENSM	Col8a2	4.5865E-06	-2.17953	Week 2 down vs Week 1
10463732	NM_146100 // Ina // internexin neuronal intermediate filament protein, alpha //	Ina	0.000330306	-2.17927	Week 2 down vs Week 1
10597095	ENSMUST00000093782 // 3000002C10Rik // glyceraldehyde-3-phosphate dehydrogenase	3000002C10Rik	3.875E-12	-2.17913	Week 2 down vs Week 1
10518358	NM_145078 // 2610305D13Rik // RIKEN cDNA 2610305D13 gene // 4 E1 // 112422 /// E	2610305D13Rik	1.27858E-07	-2.17821	Week 2 down vs Week 1
10475378	NM_177054 // Casc4 // cancer susceptibility candidate 4 // 2 E5 // 319996 /// NM	Casc4	4.67539E-08	-2.17771	Week 2 down vs Week 1
10435791	---		1.59171E-07	-2.17771	Week 2 down vs Week 1
10343798	---		3.10594E-05	-2.17764	Week 2 down vs Week 1
10341521	---		2.40792E-05	-2.17747	Week 2 down vs Week 1
10353288	NM_025773 // Ube2w // ubiquitin-conjugating enzyme E2W (putative) // 1 A3 // 667	Ube2w	2.21445E-07	-2.17702	Week 2 down vs Week 1
10341240	---		1.76888E-06	-2.17572	Week 2 down vs Week 1
10412207	NM_027127 // Gpx8 // glutathione peroxidase 8 (putative) // 13 D2.2 // 69590 ///	Gpx8	1.42492E-06	-2.17528	Week 2 down vs Week 1
10554938	NM_029494 // Rab30 // RAB30, member RAS oncogene family // 7 E1 // 75985 /// ENS	Rab30	9.48767E-10	-2.17504	Week 2 down vs Week 1
10409464	NM_019813 // Dbn1 // drebrin 1 // 13 B1|13 34.0 cM // 56320 /// ENSMUST000001099	Dbn1	9.273E-12	-2.17483	Week 2 down vs Week 1
10439009	NM_007470 // Apod // apolipoprotein D // 16 B2|16 21.2 cM // 11815 /// ENSMUST00	Apod	0.000479833	-2.17405	Week 2 down vs Week 1
10340489	---		4.9858E-11	-2.1738	Week 2 down vs Week 1
10340029	---		7.26478E-05	-2.17373	Week 2 down vs Week 1
10421749	ENSMUST00000022593 // Akap11 // A kinase (PRKA) anchor protein 11 // 14 D3 // 21	Akap11	4.70373E-08	-2.17364	Week 2 down vs Week 1
10340613	---		0.000653106	-2.17347	Week 2 down vs Week 1
10362490	NM_030203 // Tspyl4 // TSPY-like 4 // 10 B1|10 22.0 cM // 72480 /// ENSMUST00000	Tspyl4	3.63487E-06	-2.1734	Week 2 down vs Week 1
10338291	---		1.76856E-05	-2.17326	Week 2 down vs Week 1
10604100	NM_019443 // Ndufa1 // NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1 //	Ndufa1	1.09704E-06	-2.17292	Week 2 down vs Week 1
10340819	---		0.000210173	-2.17228	Week 2 down vs Week 1
10362794	NM_028430 // Ppil6 // peptidylprolyl isomerase (cyclophilin)-like 6 // 10 B2 //	Ppil6	1.01698E-07	-2.1721	Week 2 down vs Week 1
10515519	NM_033617 // Atp6v0b // ATPase, H+ transporting, lysosomal V0 subunit B // 4 D2.	Atp6v0b	8.08834E-09	-2.17193	Week 2 down vs Week 1
10343459	---		0.000121783	-2.17176	Week 2 down vs Week 1
10344580	---		0.000180338	-2.17172	Week 2 down vs Week 1
10596982	NM_183250 // Ccdc72 // coiled-coil domain containing 72 // 9 F2 // 66167 /// BC0	Ccdc72	8.43958E-06	-2.17136	Week 2 down vs Week 1
10343942	---		2.00527E-08	-2.17116	Week 2 down vs Week 1
10367734	NM_177387 // Ust // uronyl-2-sulfotransferase // 10 A1 // 338362 /// ENSMUST0000	Ust	1.15891E-07	-2.17064	Week 2 down vs Week 1
10586254	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442 /// E	Dennd4a	5.66184E-09	-2.1697	Week 2 down vs Week 1
10420637	NM_008466 // Kpna3 // karyopherin (importin) alpha 3 // 14 D1 // 16648 /// ENSMU	Kpna3	2.09948E-07	-2.16947	Week 2 down vs Week 1
10341224	---		3.52382E-06	-2.16931	Week 2 down vs Week 1
10483439	NM_001081088 // Lrp2 // low density lipoprotein receptor-related protein 2 // 2	Lrp2	9.37873E-07	-2.16908	Week 2 down vs Week 1
10532150	NM_026062 // Fam69a // family with sequence similarity 69, member A // 5 E5|5 //	Fam69a	2.95717E-07	-2.16783	Week 2 down vs Week 1
10537458	NM_001004182 // Gm5567 // predicted gene 5567 // 6 B1|6 // 434008 /// ENSMUST000	Gm5567	1.71413E-05	-2.16766	Week 2 down vs Week 1
10576639	NM_008737 // Nrp1 // neuropilin 1 // 8 E|8 73.0 cM // 18186 /// ENSMUST000000269	Nrp1	0.00451104	-2.16692	Week 2 down vs Week 1
10578989	NM_177698 // Psd3 // pleckstrin and Sec7 domain containing 3 // 8 B3.3 // 234353	Psd3	8.00134E-10	-2.1667	Week 2 down vs Week 1
10500114	NM_019914 // Mllt11 // myeloid/lymphoid or mixed-lineage leukemia (trithorax hom	Mllt11	5.24908E-07	-2.16645	Week 2 down vs Week 1
10340851	---		1.06302E-06	-2.1664	Week 2 down vs Week 1
10342325	---		0.00105274	-2.16634	Week 2 down vs Week 1
10453082	NM_144802 // Hnrpll // heterogeneous nuclear ribonucleoprotein L-like // 17 E3 /	Hnrpll	8.09406E-08	-2.16608	Week 2 down vs Week 1
10341092	---		0.000370753	-2.16533	Week 2 down vs Week 1
10342139	---		0.00022995	-2.16482	Week 2 down vs Week 1
10518585	NM_207682 // Kif1b // kinesin family member 1B // 4 E|4 70.9 cM // 16561 /// NM_	Kif1b	6.47318E-09	-2.16427	Week 2 down vs Week 1
10542738	ENSMUST00000111704 // Rassf8 // Ras association (RalGDS/AF-6) domain family (N-t	Rassf8	2.64668E-06	-2.164	Week 2 down vs Week 1

10463704	NM_020577 // As3mt // arsenic (+3 oxidation state) methyltransferase // 19 D1 //	As3mt	4.2311E-11	-2.16375	Week 2 down vs Week 1
10595626	---		6.85913E-07	-2.1636	Week 2 down vs Week 1
10341116	---		4.10102E-05	-2.16344	Week 2 down vs Week 1
10588203	NM_024291 // Ky // kyphoscoliosis peptidase // 9 F1|9 56.0 cM // 16716 /// ENSMU	Ky	0.00083973	-2.16287	Week 2 down vs Week 1
10463486	NM_001037758 // Btrc // beta-transducin repeat containing protein // 19 D1 // 12	Btrc	3.38823E-09	-2.16273	Week 2 down vs Week 1
10343723	---		0.00147083	-2.16256	Week 2 down vs Week 1
10400967	NM_009189 // Six1 // sine oculis-related homeobox 1 homolog (Drosophila) // 12 C	Six1	0.000091515	-2.16229	Week 2 down vs Week 1
10498379	NM_001162884 // Igsf10 // immunoglobulin superfamily, member 10 // 3 D // 242050	Igsf10	6.84386E-05	-2.16209	Week 2 down vs Week 1
10571849	NM_015791 // Fbxo8 // F-box protein 8 // 8 B3.2 // 50753 /// ENSMUST00000040218	Fbxo8	1.1477E-10	-2.16119	Week 2 down vs Week 1
10534002	NM_172885 // Tmem132d // transmembrane protein 132D // 5 G1.2-G1.3 // 243274 ///	Tmem132d	4.38718E-08	-2.16071	Week 2 down vs Week 1
10342542	---		0.00359393	-2.15919	Week 2 down vs Week 1
10369154	NM_008548 // Man1a // mannosidase 1, alpha // 10 B3 // 17155 /// ENSMUST00000003	Man1a	1.20152E-06	-2.15856	Week 2 down vs Week 1
10503182	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.45361E-06	-2.15821	Week 2 down vs Week 1
10339055	---		1.35938E-07	-2.15817	Week 2 down vs Week 1
10342224	---		0.000279313	-2.1573	Week 2 down vs Week 1
10461251	NM_001013019 // Lrrn4cl // LRRN4 C-terminal like // 19 A // 68852 /// ENSMUST000	Lrrn4cl	3.82443E-07	-2.1563	Week 2 down vs Week 1
10338396	---		7.3472E-07	-2.15591	Week 2 down vs Week 1
10504902	NM_026509 // Murc // muscle-related coiled-coil protein // 4 B2 // 68016 /// ENS	Murc	0.000105232	-2.15572	Week 2 down vs Week 1
10338682	---		2.18125E-05	-2.1551	Week 2 down vs Week 1
10502240	NM_033525 // Npnt // nephronectin // 3 G3 // 114249 /// NM_001029836 // Npnt //	Npnt	1.88826E-06	-2.15422	Week 2 down vs Week 1
10455238	NM_022996 // Ndfip1 // Nedd4 family interacting protein 1 // 18 B3 // 65113 ///	Ndfip1	1.19621E-09	-2.15395	Week 2 down vs Week 1
10341858	---		0.000633799	-2.15387	Week 2 down vs Week 1
10388954	NM_019409 // Omg // oligodendrocyte myelin glycoprotein // 11 B5|11 46.07 cM //	Omg	6.82992E-06	-2.15324	Week 2 down vs Week 1
10549097	NM_008492 // Ldhb // lactate dehydrogenase B // 6 G2|6 62.0 cM // 16832 /// ENSM	Ldhb	9.84247E-08	-2.15287	Week 2 down vs Week 1
10606858	NM_025703 // Tceal8 // transcription elongation factor A (SII)-like 8 // X F1 //	Tceal8	7.517E-12	-2.15255	Week 2 down vs Week 1
10406614	NM_001162945 // Mtx3 // metaxin 3 // 13 C3 // 382793 /// ENSMUST00000076169 // M	Mtx3	7.409E-12	-2.15237	Week 2 down vs Week 1
10547191	NM_178768 // Tmem72 // transmembrane protein 72 // 6 E3 // 319776 /// ENSMUST000	Tmem72	1.37885E-06	-2.15075	Week 2 down vs Week 1
10338560	---		0.00107829	-2.15017	Week 2 down vs Week 1
10519717	NM_009152 // Sema3a // sema domain, immunoglobulin domain (Ig), short basic doma	Sema3a	3.02308E-07	-2.14947	Week 2 down vs Week 1
10415890	NM_146246 // Rp1l1 // retinitis pigmentosa 1 homolog (human)-like 1 // 14 D1 //	Rp1l1	0.00305118	-2.14911	Week 2 down vs Week 1
10338367	---		1.58681E-05	-2.14886	Week 2 down vs Week 1
10400866	NM_053167 // Trim9 // tripartite motif-containing 9 // --- // 94090 /// NM_00111	Trim9	9.44086E-07	-2.14864	Week 2 down vs Week 1
10338369	---		3.43202E-05	-2.1486	Week 2 down vs Week 1
10456501	NM_026440 // Rnmt // RNA (guanine-7-) methyltransferase // 18 E1 // 67897 /// EN	Rnmt	2.8335E-08	-2.14805	Week 2 down vs Week 1
10504137	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	1.72927E-07	-2.14779	Week 2 down vs Week 1
10504201	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	1.72927E-07	-2.14779	Week 2 down vs Week 1
10512350	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	1.72927E-07	-2.14779	Week 2 down vs Week 1
10512352	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	1.72927E-07	-2.14779	Week 2 down vs Week 1
10492469	NM_001039543 // Mlf1 // myeloid leukemia factor 1 // 3 E1|3 31.0 cM // 17349 ///	Mlf1	0.00332662	-2.14766	Week 2 down vs Week 1
10423109	NM_175501 // Adamts12 // a disintegrin-like and metallopeptidase (reprolysin typ	Adamts12	1.38151E-05	-2.14761	Week 2 down vs Week 1
10423556	NM_018755 // Pgcp // plasma glutamate carboxypeptidase // 15 B3.2 // 54381 /// N	Pgcp	3.63923E-06	-2.14712	Week 2 down vs Week 1
10369842	---		2.22759E-05	-2.14686	Week 2 down vs Week 1
10338520	---		5.86004E-05	-2.14655	Week 2 down vs Week 1
10593384	NM_178118 // Dixdc1 // DIX domain containing 1 // 9 B // 330938 /// ENSMUST00000	Dixdc1	1.40219E-06	-2.14585	Week 2 down vs Week 1
10342078	---		0.000421399	-2.1457	Week 2 down vs Week 1
10339281	---		1.25802E-06	-2.14539	Week 2 down vs Week 1
10415909	---		0.000611504	-2.14533	Week 2 down vs Week 1
10341414	---		0.00112648	-2.14518	Week 2 down vs Week 1
10538459	NM_007472 // Aqp1 // aquaporin 1 // 6 B3|6 27.0 cM // 11826 /// ENSMUST000000047	Aqp1	4.24866E-05	-2.14489	Week 2 down vs Week 1
10577534	NM_011696 // Vdac3 // voltage-dependent anion channel 3 // 8 A2|8 8.0 cM // 2233	Vdac3	1.49501E-09	-2.14428	Week 2 down vs Week 1
10338990	---		0.00179562	-2.14411	Week 2 down vs Week 1
10495259	NM_008141 // Gnat2 // guanine nucleotide binding protein, alpha transducing 2 //	Gnat2	0.00130511	-2.14385	Week 2 down vs Week 1
10339842	---		0.0001321	-2.14336	Week 2 down vs Week 1
10341549	---		1.02524E-05	-2.14331	Week 2 down vs Week 1
10341016	---		4.58086E-07	-2.14312	Week 2 down vs Week 1
10384672	NM_172391 // Ahsa2 // AHA1, activator of heat shock protein ATPase homolog 2 (ye	Ahsa2	7.61075E-10	-2.14273	Week 2 down vs Week 1
10425623	NM_145473 // Csdc2 // cold shock domain containing C2, RNA binding // 15 E1 // 1	Csdc2	7.63715E-10	-2.14268	Week 2 down vs Week 1
10522090	NM_153391 // Wdr19 // WD repeat domain 19 // 5 C3.1 // 213081 /// ENSMUST0000011	Wdr19	5.38903E-09	-2.14252	Week 2 down vs Week 1
10548565	NM_025564 // Magohb // mago-nashi homolog B (Drosophila) // 6 C7|6 // 66441 ///	Magohb	1.2551E-10	-2.14227	Week 2 down vs Week 1
10341746	---		2.72517E-06	-2.14172	Week 2 down vs Week 1
10578222	NM_015802 // Dlc1 // deleted in liver cancer 1 // 8 A4-B2|8 21.0 cM // 50768 ///	Dlc1	8.93165E-05	-2.14162	Week 2 down vs Week 1
10343679	---		5.07626E-07	-2.14112	Week 2 down vs Week 1
10475414	NM_009735 // B2m // beta-2 microglobulin // 2 F1-F3|2 69.0 cM // 12010 /// ENSMU	B2m	7.77226E-06	-2.1409	Week 2 down vs Week 1
10338336	---		0.000178774	-2.14072	Week 2 down vs Week 1
10339021	---		1.2534E-06	-2.1404	Week 2 down vs Week 1

10529801	NM_001159963 // Fbxl5 // F-box and leucine-rich repeat protein 5 // 5 B3 // 2429	Fbxl5	7.46026E-10	-2.14007	Week 2 down vs Week 1
10606876	NM_019768 // Morf4l2 // mortality factor 4 like 2 // X F1 // 56397 /// ENSMUST00	Morf4l2	1.22598E-08	-2.13903	Week 2 down vs Week 1
10607225	NM_001081173 // Lrch2 // leucine-rich repeats and calponin homology (CH) domain	Lrch2	8.36949E-09	-2.13877	Week 2 down vs Week 1
10339807	---		3.9271E-08	-2.1386	Week 2 down vs Week 1
10398434	---		1.01862E-05	-2.13842	Week 2 down vs Week 1
10491825	BC145212 // 3110057O12Rik // RIKEN cDNA 3110057O12 gene // --- // 269423 /// BC0	3110057O12Rik	4.3807E-09	-2.13837	Week 2 down vs Week 1
10599880	NM_198863 // Slitrk2 // SLIT and NTRK-like family, member 2 // X A5 // 245450 //	Slitrk2	7.89964E-07	-2.13816	Week 2 down vs Week 1
10456400	NM_026473 // Tubb6 // tubulin, beta 6 // 18 E1 // 67951 /// ENSMUST00000001513 /	Tubb6	8.6176E-06	-2.13806	Week 2 down vs Week 1
10341607	---		0.000279646	-2.1379	Week 2 down vs Week 1
10400581	NM_013902 // Fkbp3 // FK506 binding protein 3 // 12 C3 // 30795 /// NM_177806 //	Fkbp3	6.73264E-09	-2.13725	Week 2 down vs Week 1
10587688	---		1.42397E-06	-2.13677	Week 2 down vs Week 1
10595620	---		1.42397E-06	-2.13677	Week 2 down vs Week 1
10442236	ENSMUST00000097384 // 3110052M02Rik // RIKEN cDNA 3110052M02 gene // 17 A3.2 //	3110052M02Rik	2.67627E-08	-2.1358	Week 2 down vs Week 1
10361748	NM_027968 // Fbxo30 // F-box protein 30 // 10 A2 // 71865 /// ENSMUST00000070300	Fbxo30	4.63442E-08	-2.1355	Week 2 down vs Week 1
10343543	---		4.92263E-08	-2.13532	Week 2 down vs Week 1
10592084	NM_009178 // St3gal4 // ST3 beta-galactoside alpha-2,3-sialyltransferase 4 // 9	St3gal4	1.89063E-06	-2.13528	Week 2 down vs Week 1
10341566	---		0.000308242	-2.13466	Week 2 down vs Week 1
10339764	---		2.23205E-05	-2.1345	Week 2 down vs Week 1
10338970	---		0.000214032	-2.13445	Week 2 down vs Week 1
10431915	NM_027052 // Slc38a4 // solute carrier family 38, member 4 // 15 F1 // 69354 ///	Slc38a4	4.54453E-05	-2.13389	Week 2 down vs Week 1
10494322	NM_023210 // Anp32e // acidic (leucine-rich) nuclear phosphoprotein 32 family, m	Anp32e	2.89725E-06	-2.13376	Week 2 down vs Week 1
10501754	NM_177664 // D3Bwg0562e // DNA segment, Chr 3, Brigham & Women's Genetics 0562 e	D3Bwg0562e	2.23571E-05	-2.13358	Week 2 down vs Week 1
10368918	NM_175407 // Sobp // sine oculis-binding protein homolog (Drosophila) // 10 B2 /	Sobp	5.06639E-09	-2.13352	Week 2 down vs Week 1
10352781	NM_023727 // Rd3 // retinal degeneration 3 // 1 H6 // 74023 /// ENSMUST000000534	Rd3	0.00027725	-2.13302	Week 2 down vs Week 1
10338806	---		2.27641E-05	-2.13299	Week 2 down vs Week 1
10339283	---		5.3108E-06	-2.13298	Week 2 down vs Week 1
10447591	NM_008049 // Ftl2 // ferritin light chain 2 // 4 D2.2 // 14337 /// NM_010240 //	Ftl2	2.42763E-06	-2.13287	Week 2 down vs Week 1
10583887	NM_175678 // Npsr1 // neuropeptide S receptor 1 // 9 A3-A4 // 319239 /// ENSMUST	Npsr1	0.000831652	-2.13268	Week 2 down vs Week 1
10495539	NM_021388 // Extl2 // exostoses (multiple)-like 2 // 3 G1 // 58193 /// ENSMUST00	Extl2	7.45048E-10	-2.13261	Week 2 down vs Week 1
10487033	NM_001162417 // Myef2 // myelin basic protein expression factor 2, repressor //	Myef2	4.36545E-06	-2.13235	Week 2 down vs Week 1
10340511	---		1.47531E-05	-2.1322	Week 2 down vs Week 1
10341949	---		2.15416E-05	-2.13206	Week 2 down vs Week 1
10358631	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.70912E-05	-2.13205	Week 2 down vs Week 1
10396476	NM_023275 // Rhoj // ras homolog gene family, member J // 12 C3 // 80837 /// ENS	Rhoj	0.000300762	-2.13154	Week 2 down vs Week 1
10487011	NM_025961 // Gatm // glycine amidinotransferase (L-arginine:glycine amidinotrans	Gatm	4.03431E-06	-2.13137	Week 2 down vs Week 1
10423941	NM_025736 // Ttc35 // tetratricopeptide repeat domain 35 // 15 B3.2 // 66736 ///	Ttc35	7.49178E-07	-2.13108	Week 2 down vs Week 1
10410695	NM_028493 // Rhobtb3 // Rho-related BTB domain containing 3 // 13 C1 // 73296 //	Rhobtb3	1.16751E-07	-2.13099	Week 2 down vs Week 1
10384622	NM_153078 // Ehbp1 // EH domain binding protein 1 // 11 A3.2|11 11.0 cM // 21656	Ehbp1	2.6926E-08	-2.1306	Week 2 down vs Week 1
10607403	NM_175429 // Kctd12b // potassium channel tetramerisation domain containing 12b	Kctd12b	3.73289E-06	-2.13031	Week 2 down vs Week 1
10476795	BC048610 // 4930529M08Rik // RIKEN cDNA 4930529M08 gene // 2 G1 // 78774 /// BC0	4930529M08Rik	0.000184398	-2.12966	Week 2 down vs Week 1
10409265	NM_016709 // Auh // AU RNA binding protein/enoyl-coenzyme A hydratase // 13 B1 /	Auh	1.16066E-09	-2.12953	Week 2 down vs Week 1
10341639	---		3.63316E-09	-2.12942	Week 2 down vs Week 1
10340107	---		2.77604E-05	-2.12913	Week 2 down vs Week 1
10342231	---		0.00788255	-2.12904	Week 2 down vs Week 1
10435525	NM_177128 // Iqcb1 // IQ calmodulin-binding motif containing 1 // 16 B3 // 32029	Iqcb1	1.45705E-08	-2.12832	Week 2 down vs Week 1
10558150	NM_019564 // Htra1 // HtrA serine peptidase 1 // 7 F3 // 56213 /// ENSMUST000000	Htra1	5.87576E-05	-2.12824	Week 2 down vs Week 1
10410925	---		1.74935E-10	-2.12796	Week 2 down vs Week 1
10406536	NM_025335 // Tmem167 // transmembrane protein 167 // 13 C3 // 66074	Tmem167	1.14382E-07	-2.12768	Week 2 down vs Week 1
10527423	NM_001081362 // Trrap // transformation/transcription domain-associated protein	Trrap	5.057E-12	-2.12754	Week 2 down vs Week 1
10344199	---		2.77929E-05	-2.12692	Week 2 down vs Week 1
10466794	BC028637 // Fam122a // family with sequence similarity 122, member A // 19 C1 //	Fam122a	1.57772E-08	-2.1265	Week 2 down vs Week 1
10345016	NM_009334 // Tcfap2b // transcription factor AP-2 beta // 1 A2-A4 // 21419 /// N	Tcfap2b	5.40616E-07	-2.12644	Week 2 down vs Week 1
10601659	NM_026838 // Srpx2 // sushi-repeat-containing protein, X-linked 2 // X E3 // 687	Srpx2	1.04673E-06	-2.12585	Week 2 down vs Week 1
10341691	---		0.000604534	-2.12565	Week 2 down vs Week 1
10342004	---		0.000316742	-2.12467	Week 2 down vs Week 1
10586484	NM_026635 // Fam96a // family with sequence similarity 96, member A // 9 D // 68	Fam96a	3.1722E-08	-2.12395	Week 2 down vs Week 1
10433403	NM_021477 // A2bp1 // ataxin 2 binding protein 1 // 16 A1|16 7.2 cM // 268859 //	A2bp1	5.62043E-08	-2.12379	Week 2 down vs Week 1
10503216	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.54673E-05	-2.12364	Week 2 down vs Week 1
10494821	NM_027533 // Tspan2 // tetraspanin 2 // 3 F3 // 70747 /// ENSMUST00000029451 //	Tspan2	4.34471E-05	-2.12231	Week 2 down vs Week 1
10498058	NM_025523 // Ndufc1 // NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1	Ndufc1	4.12972E-08	-2.12208	Week 2 down vs Week 1
10343618	---		3.77228E-06	-2.12167	Week 2 down vs Week 1
10446777	NM_020578 // Ehd3 // EH-domain containing 3 // 17 43.25 cM // 57440 /// ENSMUST0	Ehd3	7.11442E-06	-2.1215	Week 2 down vs Week 1
10604226	NM_021550 // C1galt1c1 // C1GALT1-specific chaperone 1 // X A2 // 59048 /// ENSM	C1galt1c1	1.86894E-08	-2.12089	Week 2 down vs Week 1
10346594	NM_001033373 // Pftk2 // PFTAIRE protein kinase 2 // 1 C1.3 // 271697 /// BC1473	Pftk2	2.36817E-06	-2.12053	Week 2 down vs Week 1
10343825	---		0.000155137	-2.12032	Week 2 down vs Week 1

10367828	ENSMUST00000100068 // Gm10828 // predicted gene 10828 // --- // 100038484	Gm10828	0.000283121	-2.11982	Week 2 down vs Week 1
10343859	---		0.000222405	-2.11934	Week 2 down vs Week 1
10340261	---		3.41074E-06	-2.11908	Week 2 down vs Week 1
10606333	NM_001007580 // Fndc3c1 // fibronectin type III domain containing 3C1 // X D //	Fndc3c1	0.00832036	-2.11802	Week 2 down vs Week 1
10340801	---		0.00246532	-2.11761	Week 2 down vs Week 1
10566529	NM_009906 // Tpp1 // tripeptidyl peptidase I // 7 E3|7 50.0 cM // 12751 /// ENSM	Tpp1	5.69598E-09	-2.11752	Week 2 down vs Week 1
10542470	NM_019946 // Mgst1 // microsomal glutathione S-transferase 1 // 6 G1 // 56615 //	Mgst1	0.0015855	-2.11745	Week 2 down vs Week 1
10339938	---		0.00387191	-2.11708	Week 2 down vs Week 1
10563085	NM_010189 // Fcgrt // Fc receptor, IgG, alpha chain transporter // 7 B4|7 23.0 c	Fcgrt	5.77126E-05	-2.1169	Week 2 down vs Week 1
10452613	NM_172964 // Arhgap28 // Rho GTPase activating protein 28 // 17 E1.2 // 268970 /	Arhgap28	1.41032E-09	-2.11652	Week 2 down vs Week 1
10358517	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000077512 /	Hmcn1	0.00101262	-2.11652	Week 2 down vs Week 1
10343617	---		5.8074E-06	-2.1162	Week 2 down vs Week 1
10413492	NM_176920 // Lrtm1 // leucine-rich repeats and transmembrane domains 1 // 14 A3	Lrtm1	1.84883E-05	-2.11568	Week 2 down vs Week 1
10342040	---		0.00734759	-2.1151	Week 2 down vs Week 1
10369567	NM_145419 // Hkdc1 // hexokinase domain containing 1 // 10 B4 // 216019 /// ENSM	Hkdc1	2.09891E-08	-2.11488	Week 2 down vs Week 1
10438769	NM_016674 // Cldn1 // claudin 1 // 16 B2 // 12737 /// ENSMUST00000023154 // Cldn	Cldn1	1.55411E-05	-2.11443	Week 2 down vs Week 1
10591114	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	4.32137E-08	-2.11334	Week 2 down vs Week 1
10341386	---		4.32891E-05	-2.11253	Week 2 down vs Week 1
10341792	---		3.89471E-09	-2.11246	Week 2 down vs Week 1
10600317	NM_008106 // Opn1mw // opsin 1 (cone pigments), medium-wave-sensitive (color bli	Opn1mw	0.00246077	-2.11213	Week 2 down vs Week 1
10394209	NM_007872 // Dnmt3a // DNA methyltransferase 3A // 12 A2-A3 // 13435 /// NM_1537	Dnmt3a	1.50362E-08	-2.11178	Week 2 down vs Week 1
10439955	NM_001134457 // Fam55c // family with sequence similarity 55, member C // 16 C1.	Fam55c	4.26639E-10	-2.11168	Week 2 down vs Week 1
10339066	---		1.64225E-05	-2.11156	Week 2 down vs Week 1
10480459	NM_080462 // Hnmt // histamine N-methyltransferase // 2 A3 // 140483 /// ENSMUST	Hnmt	1.0154E-11	-2.11153	Week 2 down vs Week 1
10343541	---		9.59079E-05	-2.11139	Week 2 down vs Week 1
10389625	---		7.67198E-06	-2.11127	Week 2 down vs Week 1
10585980	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	1.81276E-07	-2.11087	Week 2 down vs Week 1
10567355	NM_022420 // Gprc5b // G protein-coupled receptor, family C, group 5, member B /	Gprc5b	8.30022E-07	-2.10999	Week 2 down vs Week 1
10395788	NM_001100110 // Srp54c // signal recognition particle 54C // 12 C1 // 100101806	Srp54c	2.81004E-09	-2.10982	Week 2 down vs Week 1
10503992	NM_177175 // Tmem215 // transmembrane protein 215 // 4 A5 // 320500 /// ENSMUST0	Tmem215	0.000831577	-2.10982	Week 2 down vs Week 1
10472396	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	4.29654E-06	-2.10971	Week 2 down vs Week 1
10342097	---		0.000714233	-2.10934	Week 2 down vs Week 1
10430536	NM_199080 // Ddx17 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 17 // 15 E1 // 6704	Ddx17	2.16108E-10	-2.10909	Week 2 down vs Week 1
10467979	NM_009127 // Scd1 // stearoyl-Coenzyme A desaturase 1 // 19 C3|19 43.0 cM // 202	Scd1	0.000816965	-2.10908	Week 2 down vs Week 1
10344577	---		3.93316E-05	-2.1088	Week 2 down vs Week 1
10383819	NM_144520 // Sec14l2 // SEC14-like 2 (S. cerevisiae) // 11 A1 // 67815 /// ENSMU	Sec14l2	2.9969E-07	-2.10786	Week 2 down vs Week 1
10343579	---		0.000111392	-2.10786	Week 2 down vs Week 1
10341387	---		0.000260195	-2.10772	Week 2 down vs Week 1
10472374	BC172147 // Scn9a // sodium channel, voltage-gated, type IX, alpha // 2 C1.3|2 3	Scn9a	0.000343666	-2.10745	Week 2 down vs Week 1
10454632	NM_009793 // Camk4 // calcium/calmodulin-dependent protein kinase IV // 18 B1|18	Camk4	3.32258E-07	-2.10732	Week 2 down vs Week 1
10406845	NM_008242 // Foxd1 // forkhead box D1 // 13 D1|13 52.0 cM // 15229 /// ENSMUST00	Foxd1	1.05844E-06	-2.10697	Week 2 down vs Week 1
10343721	---		1.75707E-05	-2.10687	Week 2 down vs Week 1
10338525	---		1.58628E-05	-2.10562	Week 2 down vs Week 1
10338829	---		7.13525E-06	-2.10557	Week 2 down vs Week 1
10363146	NM_178675 // Slc35f1 // solute carrier family 35, member F1 // 10 B3 // 215085 /	Slc35f1	6.99237E-07	-2.10548	Week 2 down vs Week 1
10568529	NM_175115 // Ikzf5 // IKAROS family zinc finger 5 // 7 F3 // 67143 /// ENSMUST00	Ikzf5	8.93572E-06	-2.10539	Week 2 down vs Week 1
10472384	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	3.20465E-05	-2.10537	Week 2 down vs Week 1
10572897	NM_010442 // Hmox1 // heme oxygenase (decycling) 1 // 8 C1|8 35.0 cM // 15368 //	Hmox1	2.13055E-06	-2.10454	Week 2 down vs Week 1
10344340	---		0.00184942	-2.10427	Week 2 down vs Week 1
10342000	---		0.00806911	-2.10408	Week 2 down vs Week 1
10402195	NM_028924 // Tc2n // tandem C2 domains, nuclear // 12 F1 // 74413 /// NM_0010829	Tc2n	0.000425972	-2.10394	Week 2 down vs Week 1
10536216	NM_025331 // Gng11 // guanine nucleotide binding protein (G protein), gamma 11 /	Gng11	3.62318E-07	-2.10371	Week 2 down vs Week 1
10549506	NM_177192 // Dennd5b // DENN/MADD domain containing 5B // 6 G3 // 320560 /// ENS	Dennd5b	2.94579E-06	-2.10358	Week 2 down vs Week 1
10357948	NM_001081307 // Ppp1r12b // protein phosphatase 1, regulatory (inhibitor) subuni	Ppp1r12b	4.68058E-07	-2.10355	Week 2 down vs Week 1
10497066	NM_017381 // Zranb2 // zinc finger, RAN-binding domain containing 2 // 3 H4 // 5	Zranb2	2.32714E-10	-2.1034	Week 2 down vs Week 1
10342938	---		2.55251E-07	-2.10332	Week 2 down vs Week 1
10406459	NM_025523 // Ndufc1 // NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1	Ndufc1	2.78559E-09	-2.10292	Week 2 down vs Week 1
10532784	NM_026805 // Svop // SV2 related protein // 5 F // 68666 /// ENSMUST00000058472	Svop	0.000412514	-2.10288	Week 2 down vs Week 1
10398366	---		1.14384E-06	-2.10237	Week 2 down vs Week 1
10341905	---		0.000198113	-2.10231	Week 2 down vs Week 1
10341887	---		7.13932E-06	-2.10211	Week 2 down vs Week 1
10460108	NM_019425 // Gnpnat1 // glucosamine-phosphate N-acetyltransferase 1 // 14 C1 //	Gnpnat1	8.65712E-07	-2.10174	Week 2 down vs Week 1
10358581	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000212365	-2.10169	Week 2 down vs Week 1
10340440	---		0.000949437	-2.10158	Week 2 down vs Week 1
10398384	---		8.43936E-07	-2.10156	Week 2 down vs Week 1

10594110	NM_008684 // Neo1 // neogenin // 9 B // 18007 /// NM_001042752 // Neo1 // neogen	Neo1	2.75741E-08	-2.10094	Week 2 down vs Week 1
10435789	ENSMUST00000033479 // Zbtb20 // zinc finger and BTB domain containing 20 // 16 B	Zbtb20	4.62287E-05	-2.10068	Week 2 down vs Week 1
10531175	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	0.000306387	-2.10056	Week 2 down vs Week 1
10406953	NM_030731 // Trim23 // tripartite motif-containing 23 // 13 D1 // 81003 /// ENSM	Trim23	5.76002E-08	-2.1004	Week 2 down vs Week 1
10416653	NM_001024135 // Kbtbd7 // kelch repeat and BTB (POZ) domain containing 7 // 14 D	Kbtbd7	5.8603E-08	-2.09981	Week 2 down vs Week 1
10554487	NM_054085 // Alpk3 // alpha-kinase 3 // 7 D3 // 116904 /// ENSMUST00000107348 //	Alpk3	0.000956459	-2.09949	Week 2 down vs Week 1
10607346	NM_029836 // Tspyl2 // TSPY-like 2 // X F2|X 64.0 cM // 52808 /// ENSMUST0000004	Tspyl2	7.00914E-10	-2.09935	Week 2 down vs Week 1
10601569	NM_001081385 // Pcdh11x // protocadherin 11 X-linked // X E2 // 245578 /// ENSMU	Pcdh11x	1.10507E-07	-2.09932	Week 2 down vs Week 1
10366196	NM_177373 // Ppfia2 // protein tyrosine phosphatase, receptor type, f polypeptid	Ppfia2	0.000123627	-2.09869	Week 2 down vs Week 1
10453575	NM_029402 // Cul2 // cullin 2 // 18 A1 // 71745 /// ENSMUST00000080089 // Cul2 /	Cul2	4.71687E-08	-2.09845	Week 2 down vs Week 1
10426244	NM_021921 // Mapk8ip2 // mitogen-activated protein kinase 8 interacting protein	Mapk8ip2	0.000203029	-2.09768	Week 2 down vs Week 1
10417212	NM_145467 // Itgbl1 // integrin, beta-like 1 // 14 E5 // 223272 /// ENSMUST00000	Itgbl1	0.00196615	-2.09713	Week 2 down vs Week 1
10340557	---		0.000723918	-2.09645	Week 2 down vs Week 1
10529741	NM_027295 // Rab28 // RAB28, member RAS oncogene family // 5 B2 // 100972 /// EN	Rab28	6.03931E-08	-2.0964	Week 2 down vs Week 1
10445944	NM_172829 // St6gal2 // beta galactoside alpha 2,6 sialyltransferase 2 // 17 C /	St6gal2	0.000609259	-2.09622	Week 2 down vs Week 1
10342304	---		3.76117E-06	-2.09571	Week 2 down vs Week 1
10376950	NM_008885 // Pmp22 // peripheral myelin protein 22 // 11 B3|11 34.45 cM // 18858	Pmp22	0.000279003	-2.09522	Week 2 down vs Week 1
10466865	NM_011265 // Rfx3 // regulatory factor X, 3 (influences HLA class II expression)	Rfx3	3.4132E-08	-2.095	Week 2 down vs Week 1
10462887	NM_033614 // Pde6c // phosphodiesterase 6C, cGMP specific, cone, alpha prime //	Pde6c	9.13834E-05	-2.09444	Week 2 down vs Week 1
10346878	ENSMUST00000114132 // Zdbf2 // zinc finger, DBF-type containing 2 // 1 C2 // 738	Zdbf2	3.8261E-06	-2.09417	Week 2 down vs Week 1
10425903	BC092294 // Gapdh // glyceraldehyde-3-phosphate dehydrogenase // 6 F2 // 14433 /	Gapdh	1.1265E-11	-2.09392	Week 2 down vs Week 1
10339107	---		0.0133905	-2.09293	Week 2 down vs Week 1
10344520	---		0.00546534	-2.09278	Week 2 down vs Week 1
10497451	NM_007753 // Cpa3 // carboxypeptidase A3, mast cell // 3 A2|3 13.2 cM // 12873 /	Cpa3	3.32251E-05	-2.09266	Week 2 down vs Week 1
10579833	NM_030145 // Lsm6 // LSM6 homolog, U6 small nuclear RNA associated (S. cerevisia	Lsm6	3.24563E-09	-2.09199	Week 2 down vs Week 1
10426479	NM_175344 // Ano6 // anoctamin 6 // 15 F1 // 105722 /// ENSMUST00000071874 // An	Ano6	0.000184116	-2.09169	Week 2 down vs Week 1
10595622	---		1.29373E-06	-2.09157	Week 2 down vs Week 1
10595636	---		1.29373E-06	-2.09157	Week 2 down vs Week 1
10342424	---		1.38815E-06	-2.09124	Week 2 down vs Week 1
10342283	---		1.55782E-08	-2.09109	Week 2 down vs Week 1
10344058	---		4.22119E-08	-2.09086	Week 2 down vs Week 1
10347781	BC082310 // 9430031J16Rik // RIKEN cDNA 9430031J16 gene // 1 C5 // 241134 /// EN	9430031J16Rik	0.000185647	-2.09081	Week 2 down vs Week 1
10479182	NM_001101804 // Gm14434 // predicted gene 14434 // 2 H4 // 668039 /// ENSMUST000	Gm14434	1.21452E-08	-2.09051	Week 2 down vs Week 1
10479189	NM_001101804 // Gm14434 // predicted gene 14434 // 2 H4 // 668039 /// ENSMUST000	Gm14434	1.21452E-08	-2.09051	Week 2 down vs Week 1
10490259	NM_001101804 // Gm14434 // predicted gene 14434 // 2 H4 // 668039 /// NM_0010993	Gm14434	1.21452E-08	-2.09051	Week 2 down vs Week 1
10490262	NM_001101804 // Gm14434 // predicted gene 14434 // 2 H4 // 668039 /// ENSMUST000	Gm14434	1.21452E-08	-2.09051	Week 2 down vs Week 1
10490265	NM_001101804 // Gm14434 // predicted gene 14434 // 2 H4 // 668039 /// NM_0010993	Gm14434	1.21452E-08	-2.09051	Week 2 down vs Week 1
10490268	NM_001101804 // Gm14434 // predicted gene 14434 // 2 H4 // 668039 /// ENSMUST000	Gm14434	1.21452E-08	-2.09051	Week 2 down vs Week 1
10490291	NM_001101804 // Gm14434 // predicted gene 14434 // 2 H4 // 668039 /// ENSMUST000	Gm14434	1.21452E-08	-2.09051	Week 2 down vs Week 1
10435769	NM_019778 // Zbtb20 // zinc finger and BTB domain containing 20 // 16 B4|16 28.9	Zbtb20	2.57785E-05	-2.09037	Week 2 down vs Week 1
10342533	---		0.000042055	-2.09015	Week 2 down vs Week 1
10418879	NM_016700 // Mapk8 // mitogen-activated protein kinase 8 // 14 B // 26419 /// EN	Mapk8	1.6881E-10	-2.09014	Week 2 down vs Week 1
10479192	NM_001100416 // OTTMUSG00000016609 // predicted gene, OTTMUSG00000016609 // 2 H4	OTTMUSG0000(	2.55373E-08	-2.09001	Week 2 down vs Week 1
10479195	NM_001100416 // OTTMUSG00000016609 // predicted gene, OTTMUSG00000016609 // 2 H4	OTTMUSG0000(	2.55373E-08	-2.09001	Week 2 down vs Week 1
10479198	NM_001101804 // Gm14434 // predicted gene 14434 // 2 H4 // 668039 /// ENSMUST000	Gm14434	2.55373E-08	-2.09001	Week 2 down vs Week 1
10490273	NM_001099327 // 100043387 // predicted gene, 100043387 // 2 H4|2 // 100043387 //	100043387	2.55373E-08	-2.09001	Week 2 down vs Week 1
10344102	---		5.97234E-07	-2.08956	Week 2 down vs Week 1
10459193	NM_133249 // Ppargc1b // peroxisome proliferative activated receptor, gamma, coa	Ppargc1b	1.05467E-07	-2.08935	Week 2 down vs Week 1
10343498	---		0.000172593	-2.08934	Week 2 down vs Week 1
10343079	---		2.89488E-05	-2.08913	Week 2 down vs Week 1
10344214	---		1.23807E-05	-2.08905	Week 2 down vs Week 1
10342942	---		0.000149996	-2.089	Week 2 down vs Week 1
10338486	---		9.48184E-07	-2.08846	Week 2 down vs Week 1
10344549	---		4.74835E-06	-2.08836	Week 2 down vs Week 1
10340665	---		0.000113096	-2.08806	Week 2 down vs Week 1
10417124	BC096543 // B930095G15Rik // RIKEN cDNA B930095G15 gene // 14 E5 // 320268	B930095G15Rik	4.71979E-09	-2.08798	Week 2 down vs Week 1
10600390	NM_010273 // Gdi1 // guanosine diphosphate (GDP) dissociation inhibitor 1 // X B	Gdi1	8.26245E-09	-2.08751	Week 2 down vs Week 1
10531179	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	2.78375E-05	-2.08748	Week 2 down vs Week 1
10585214	NM_009964 // Cryab // crystallin, alpha B // 9 A5.3|9 29.0 cM // 12955 /// NM_02	Cryab	2.11938E-05	-2.08707	Week 2 down vs Week 1
10357103	NM_001081386 // Cdh19 // cadherin 19, type 2 // 1 E2.1 // 227485 /// ENSMUST0000	Cdh19	6.46176E-05	-2.08707	Week 2 down vs Week 1
10342388	---		0.000118212	-2.08701	Week 2 down vs Week 1
10401997	NM_011877 // Ptpn21 // protein tyrosine phosphatase, non-receptor type 21 // 12	Ptpn21	2.65028E-08	-2.08559	Week 2 down vs Week 1
10572730	NM_133358 // Zfp617 // zinc finger protein 617 // 8 B3.3 // 170938 /// ENSMUST00	Zfp617	1.36253E-08	-2.08544	Week 2 down vs Week 1
10424607	NM_008975 // Ptp4a3 // protein tyrosine phosphatase 4a3 // 15 E1 // 19245 /// EN	Ptp4a3	1.21095E-05	-2.08456	Week 2 down vs Week 1
10339305	---		5.85731E-07	-2.08432	Week 2 down vs Week 1

10532576	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.000348817	-2.08432	Week 2 down vs Week 1
10341365	---		0.000388663	-2.08253	Week 2 down vs Week 1
10338446	---		9.42403E-06	-2.08212	Week 2 down vs Week 1
10546450	NM_175314 // Adamts9 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts9	0.000242844	-2.08168	Week 2 down vs Week 1
10339187	---		0.00290473	-2.08156	Week 2 down vs Week 1
10506154	NM_001081264 // Alg6 // asparagine-linked glycosylation 6 homolog (yeast, alpha-	Alg6	2.74024E-07	-2.08078	Week 2 down vs Week 1
10384064	NM_007595 // Camk2b // calcium/calmodulin-dependent protein kinase II, beta // 1	Camk2b	7.08857E-07	-2.08024	Week 2 down vs Week 1
10338968	---		0.0126471	-2.07964	Week 2 down vs Week 1
10566543	NM_001162943 // Dchs1 // dachsous 1 (Drosophila) // 7 E3 // 233651 /// ENSMUST00	Dchs1	2.2794E-07	-2.07957	Week 2 down vs Week 1
10342730	---		1.51022E-06	-2.07934	Week 2 down vs Week 1
10382271	NM_028710 // Arsg // arylsulfatase G // 11 E1 // 74008 /// ENSMUST00000106697 //	Arsg	3.87953E-10	-2.07922	Week 2 down vs Week 1
10505143	ENSMUST00000071723 // Akap2 // A kinase (PRKA) anchor protein 2 // 4 B3 // 11641	Akap2	5.46846E-08	-2.07921	Week 2 down vs Week 1
10476594	NM_001013802 // Macrod2 // MACRO domain containing 2 // 2 F3 // 72899 /// ENSMUS	Macrod2	3.07966E-06	-2.07915	Week 2 down vs Week 1
10375261	NM_008070 // Gabrb2 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 2	Gabrb2	2.09376E-05	-2.07885	Week 2 down vs Week 1
10496756	NM_134160 // Mcoln3 // mucolipin 3 // 3 H2|3 74.8 cM // 171166 /// ENSMUST000000	Mcoln3	4.51143E-06	-2.07828	Week 2 down vs Week 1
10435767	---		5.05422E-05	-2.07807	Week 2 down vs Week 1
10371277	BC040349 // B230315N10Rik // RIKEN cDNA B230315N10 gene // 10 C1|10 // 237411 //	B230315N10Rik	5.3825E-11	-2.07805	Week 2 down vs Week 1
10341446	---		0.000619579	-2.07795	Week 2 down vs Week 1
10343351	---		5.82294E-07	-2.07691	Week 2 down vs Week 1
10458906	NM_008908 // Ppic // peptidylprolyl isomerase C // 18 D1 // 19038 /// ENSMUST000	Ppic	9.44643E-05	-2.07655	Week 2 down vs Week 1
10343432	---		3.42921E-05	-2.07647	Week 2 down vs Week 1
10341278	---		0.00207228	-2.0762	Week 2 down vs Week 1
10338692	---		2.75037E-05	-2.07558	Week 2 down vs Week 1
10506488	NM_080555 // Ppap2b // phosphatidic acid phosphatase type 2B // 4 C6|4 52.7 cM /	Ppap2b	0.000124961	-2.07536	Week 2 down vs Week 1
10600044	NM_001081135 // Prrg3 // proline rich Gla (G-carboxyglutamic acid) 3 (transmembr	Prrg3	2.44891E-08	-2.07524	Week 2 down vs Week 1
10514049	NM_001113209 // Nfib // nuclear factor I/B // 4 C4-C6|4 38.6 cM // 18028 /// NM_	Nfib	2.51065E-06	-2.07523	Week 2 down vs Week 1
10339873	---		3.67124E-07	-2.07521	Week 2 down vs Week 1
10599654	NM_028375 // Cxx1c // CAAX box 1 homolog C (human) // X A5 // 72865 /// ENSMUST0	Cxx1c	6.55589E-06	-2.07484	Week 2 down vs Week 1
10561104	NM_009465 // Axl // AXL receptor tyrosine kinase // 7 A3-B1|7 6.0 cM // 26362 //	Axl	5.42106E-05	-2.07484	Week 2 down vs Week 1
10342067	---		7.66517E-06	-2.07469	Week 2 down vs Week 1
10340079	---		1.84163E-05	-2.07466	Week 2 down vs Week 1
10368782	NM_133999 // Fig4 // FIG4 homolog (S. cerevisiae) // 10 B1 // 103199 /// ENSMUST	Fig4	3.473E-12	-2.07407	Week 2 down vs Week 1
10526191	BC026208 // Gatsl2 // GATS protein-like 2 // 5 G1 // 80909	Gatsl2	2.44786E-06	-2.07285	Week 2 down vs Week 1
10587616	NM_178738 // Prss35 // protease, serine, 35 // 9 E3.1 // 244954 /// ENSMUST00000	Prss35	2.92449E-05	-2.07267	Week 2 down vs Week 1
10358539	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	4.70323E-07	-2.07262	Week 2 down vs Week 1
10443926	NM_001024950 // Zfp563 // zinc finger protein 563 // 17 B1 // 240068 /// ENSMUST	Zfp563	1.95288E-07	-2.07203	Week 2 down vs Week 1
10450242	NM_009780 // C4b // complement component 4B (Childo blood group) // 17 B1|17 18.	C4b	9.87627E-06	-2.07197	Week 2 down vs Week 1
10349100	XR_032823 // Gm6651 // predicted gene 6651 // 1 E2.1 // 626075	Gm6651	7.61468E-08	-2.07167	Week 2 down vs Week 1
10369867	NM_009360 // Tfam // transcription factor A, mitochondrial // 10 38.0 cM // 2178	Tfam	2.48379E-07	-2.07122	Week 2 down vs Week 1
10358579	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	8.04392E-07	-2.07107	Week 2 down vs Week 1
10381115	NM_011508 // Eif1 // eukaryotic translation initiation factor 1 // 11 D // 20918	Eif1	1.6815E-10	-2.07098	Week 2 down vs Week 1
10338281	---		2.13698E-06	-2.07085	Week 2 down vs Week 1
10590489	NM_009544 // Zfp105 // zinc finger protein 105 // 9 F4|9 72.0 cM // 22646 /// EN	Zfp105	7.56207E-08	-2.07023	Week 2 down vs Week 1
10397189	NM_029880 // Ptgr2 // prostaglandin reductase 2 // 12 D3 // 77219 /// ENSMUST000	Ptgr2	1.996E-09	-2.07013	Week 2 down vs Week 1
10592420	NM_178737 // AW551984 // expressed sequence AW551984 // 9 A5.1 // 244810 /// ENS	AW551984	0.000311937	-2.0701	Week 2 down vs Week 1
10338941	---		9.23866E-06	-2.07004	Week 2 down vs Week 1
10338838	---		0.000133228	-2.06945	Week 2 down vs Week 1
10398382	---		1.5634E-06	-2.06924	Week 2 down vs Week 1
10532616	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376	Myo18b	0.000608806	-2.06894	Week 2 down vs Week 1
10341962	---		2.28743E-06	-2.06892	Week 2 down vs Week 1
10371830	NM_025914 // Actr6 // ARP6 actin-related protein 6 homolog (yeast) // 10 C2 // 6	Actr6	1.05237E-09	-2.0689	Week 2 down vs Week 1
10599461	NM_007589 // Calm2 // calmodulin 2 // 17 E4 // 12314 /// BC100301 // Calm2 // ca	Calm2	1.3689E-09	-2.06799	Week 2 down vs Week 1
10338535	---		0.000021274	-2.0678	Week 2 down vs Week 1
10511755	NM_177327 // Wwp1 // WW domain containing E3 ubiquitin protein ligase 1 // 4 A3	Wwp1	7.13964E-09	-2.06736	Week 2 down vs Week 1
10342624	---		0.00357827	-2.0672	Week 2 down vs Week 1
10343152	---		0.00187637	-2.06693	Week 2 down vs Week 1
10443494	NM_023734 // Pi16 // peptidase inhibitor 16 // 17 B1 // 74116 /// ENSMUST0000011	Pi16	0.0020671	-2.0668	Week 2 down vs Week 1
10531183	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	0.000054782	-2.06674	Week 2 down vs Week 1
10353252	NM_001033288 // Gm106 // predicted gene 106 // 1 A3 // 226866 /// ENSMUST0000004	Gm106	9.44636E-06	-2.06659	Week 2 down vs Week 1
10490773	NM_019868 // Hnrnph2 // heterogeneous nuclear ribonucleoprotein H2 // X E3 // 56	Hnrnph2	4.10961E-08	-2.06643	Week 2 down vs Week 1
10517517	NM_007572 // C1qa // complement component 1, q subcomponent, alpha polypeptide /	C1qa	4.08156E-09	-2.0663	Week 2 down vs Week 1
10340702	---		4.37428E-07	-2.06606	Week 2 down vs Week 1
10339204	---		0.000977508	-2.06566	Week 2 down vs Week 1
10553501	NM_080853 // Slc17a6 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a6	0.00056423	-2.06532	Week 2 down vs Week 1
10408044	NM_009942 // Cox5b // cytochrome c oxidase, subunit Vb // 1 B // 12859 /// X5315	Cox5b	7.21602E-08	-2.06421	Week 2 down vs Week 1

10491083	NM_178772 // Nceh1 // arylacetamide deacetylase-like 1 // 3 A3 // 320024 /// ENS	Nceh1	5.43559E-07	-2.06381	Week 2 down vs Week 1
10579744	NM_010687 // Large // like-glycosyltransferase // 8 C1|8 34.0 cM // 16795 /// EN	Large	1.59698E-09	-2.0638	Week 2 down vs Week 1
10338537	---		0.00173298	-2.06374	Week 2 down vs Week 1
10341015	---		0.000860661	-2.06252	Week 2 down vs Week 1
10453678	NM_011546 // Zeb1 // zinc finger E-box binding homeobox 1 // 18 A1|18 0.0 cM //	Zeb1	2.02757E-05	-2.06238	Week 2 down vs Week 1
10446376	NM_008549 // Man2a1 // mannosidase 2, alpha 1 // 17 E1.2 // 17158 /// ENSMUST000	Man2a1	1.17378E-05	-2.06228	Week 2 down vs Week 1
10600836	NM_010833 // Msn // moesin // X C3 // 17698 /// ENSMUST00000117399 // Msn // moe	Msn	0.000407472	-2.06163	Week 2 down vs Week 1
10472400	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	3.80661E-05	-2.06092	Week 2 down vs Week 1
10571797	NM_029569 // Asb5 // ankyrin repeat and SOCs box-containing 5 // 8 B3.1 // 76294	Asb5	0.000309534	-2.06047	Week 2 down vs Week 1
10589800	NM_001114347 // Clasp2 // CLIP associating protein 2 // 9 F2 // 76499 /// NM_029	Clasp2	5.82594E-08	-2.0604	Week 2 down vs Week 1
10406461	ENSMUST00000052354 // C130071C03Rik // RIKEN cDNA C130071C03 gene // 13 C3 // 32	C130071C03Rik	0.000340955	-2.06029	Week 2 down vs Week 1
10599335	NM_026902 // Mcts1 // malignant T cell amplified sequence 1 // X A2 // 68995 ///	Mcts1	1.28127E-07	-2.06015	Week 2 down vs Week 1
10473779	ENSMUST00000111449 // Cugbp1 // CUG triplet repeat, RNA binding protein 1 // 2 E	Cugbp1	6.1442E-11	-2.06008	Week 2 down vs Week 1
10358490	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000008176	-2.06008	Week 2 down vs Week 1
10565873	NM_028292 // Ppme1 // protein phosphatase methylesterase 1 // 7 F1 // 72590 ///	Ppme1	1.77395E-09	-2.06005	Week 2 down vs Week 1
10339607	---		0.000027659	-2.0599	Week 2 down vs Week 1
10541260	NM_001128151 // Cecr2 // cat eye syndrome chromosome region, candidate 2 homolog	Cecr2	0.00012735	-2.05982	Week 2 down vs Week 1
10340422	---		0.000890294	-2.05969	Week 2 down vs Week 1
10416215	NM_033325 // Loxl2 // lysyl oxidase-like 2 // 14 D2 // 94352 /// ENSMUST00000100	Loxl2	6.94093E-05	-2.05956	Week 2 down vs Week 1
10342798	---		0.000312545	-2.05945	Week 2 down vs Week 1
10344238	---		3.30958E-05	-2.05861	Week 2 down vs Week 1
10338140	---		0.00147344	-2.05775	Week 2 down vs Week 1
10449018	NM_026897 // Haghl // hydroxyacylglutathione hydrolase-like // 17 A3.3 // 68977	Haghl	3.4686E-11	-2.05759	Week 2 down vs Week 1
10338409	---		1.34977E-05	-2.05724	Week 2 down vs Week 1
10356339	NM_008801 // Pde6d // phosphodiesterase 6D, cGMP-specific, rod, delta // 1 D //	Pde6d	1.03429E-08	-2.05715	Week 2 down vs Week 1
10341689	---		0.000531796	-2.05668	Week 2 down vs Week 1
10344809	NM_026493 // Cspp1 // centrosome and spindle pole associated protein 1 // 1 A2 /	Cspp1	1.57516E-07	-2.05658	Week 2 down vs Week 1
10449854	NM_017476 // Akap8l // A kinase (PRKA) anchor protein 8-like // 17 B2 // 54194 /	Akap8l	3.71118E-10	-2.05624	Week 2 down vs Week 1
10467489	NM_011200 // Ptp4a1 // protein tyrosine phosphatase 4a1 // 1 B // 19243 /// NR_0	Ptp4a1	4.96669E-07	-2.05617	Week 2 down vs Week 1
10365716	NM_026166 // 1200009F10Rik // RIKEN cDNA 1200009F10 gene // 10 C2 // 67454 /// N	1200009F10Rik	7.41617E-10	-2.05578	Week 2 down vs Week 1
10486845	NM_001025371 // RP23-433P19.11 // serine incorporator 4 // 2 E5 // 574418 /// NM	RP23-433P19.11	0.00028758	-2.05517	Week 2 down vs Week 1
10343786	---		0.000822623	-2.055	Week 2 down vs Week 1
10364149	NM_009115 // S100b // S100 protein, beta polypeptide, neural // 10 C1|10 41.0 cM	S100b	0.000780069	-2.05455	Week 2 down vs Week 1
10340309	---		0.000429418	-2.05409	Week 2 down vs Week 1
10368806	NM_009213 // Smpd2 // sphingomyelin phosphodiesterase 2, neutral // 10 B2 // 205	Smpd2	3.60497E-09	-2.05391	Week 2 down vs Week 1
10342908	---		7.72329E-06	-2.05384	Week 2 down vs Week 1
10437210	NM_019517 // Bace2 // beta-site APP-cleaving enzyme 2 // 16 C4 // 56175 /// ENSM	Bace2	8.69946E-05	-2.05311	Week 2 down vs Week 1
10601854	NM_011712 // Wbp5 // WW domain binding protein 5 // X F1 // 22381 /// ENSMUST000	Wbp5	4.63069E-07	-2.05252	Week 2 down vs Week 1
10469575	NR_002688 // Gm13363 // protein tyrosine phosphatase 4a1-like // 2 A3 // 433406	Gm13363	7.77466E-07	-2.05229	Week 2 down vs Week 1
10447708	NM_021881 // Qk // quaking // 17 A1|17 5.9 cM // 19317 /// NM_001159516 // Qk //	Qk	2.2698E-09	-2.05228	Week 2 down vs Week 1
10339345	---		0.000475723	-2.05189	Week 2 down vs Week 1
10472380	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	1.15123E-05	-2.05167	Week 2 down vs Week 1
10339867	---		2.72282E-06	-2.05148	Week 2 down vs Week 1
10342310	---		1.82807E-08	-2.05134	Week 2 down vs Week 1
10584572	NM_031165 // Hspa8 // heat shock protein 8 // 9 A5.1|9 24.0 cM // 15481 /// ENSM	Hspa8	3.49317E-08	-2.05114	Week 2 down vs Week 1
10354286	NM_023645 // Kdelc1 // KDEL (Lys-Asp-Glu-Leu) containing 1 // 1 C1 // 72050 ///	Kdelc1	2.56181E-08	-2.05101	Week 2 down vs Week 1
10591127	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	6.19871E-05	-2.05059	Week 2 down vs Week 1
10563295	NM_010240 // Ftl1 // ferritin light chain 1 // 7 B4 // 14325 /// NM_008049 // Ft	Ftl1	1.62895E-06	-2.05002	Week 2 down vs Week 1
10341871	---		0.00509848	-2.04993	Week 2 down vs Week 1
10339160	---		8.23601E-05	-2.04933	Week 2 down vs Week 1
10511588	NM_177861 // Tmem67 // transmembrane protein 67 // 4 A1 // 329795 /// ENSMUST000	Tmem67	1.9677E-07	-2.04912	Week 2 down vs Week 1
10341580	---		4.20399E-07	-2.04907	Week 2 down vs Week 1
10349968	NM_007695 // Chi3l1 // chitinase 3-like 1 // 1 E4|1 72.3 cM // 12654 /// ENSMUST	Chi3l1	5.82837E-05	-2.04886	Week 2 down vs Week 1
10344454	---		3.93372E-06	-2.04869	Week 2 down vs Week 1
10545812	NM_178639 // Sfxn5 // sideroflexin 5 // 6 35.59 cM // 94282 /// ENSMUST000000458	Sfxn5	8.72612E-07	-2.04801	Week 2 down vs Week 1
10471675	NM_025374 // Glo1 // glyoxalase 1 // 17 A3.3|17 16.0 cM // 109801 /// NM_0011135	Glo1	4.63018E-07	-2.04793	Week 2 down vs Week 1
10340391	---		5.02065E-06	-2.04793	Week 2 down vs Week 1
10395457	NM_007960 // Etv1 // ets variant gene 1 // 12 A3-B1|12 18.5 cM // 14009 /// ENSM	Etv1	2.26923E-05	-2.04775	Week 2 down vs Week 1
10338558	---		3.46014E-08	-2.04746	Week 2 down vs Week 1
10339494	---		0.000238606	-2.04745	Week 2 down vs Week 1
10339962	---		0.000933905	-2.04727	Week 2 down vs Week 1
10594969	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.000720481	-2.04675	Week 2 down vs Week 1
10340521	---		2.6585E-06	-2.04647	Week 2 down vs Week 1
10340965	---		0.000945427	-2.04611	Week 2 down vs Week 1
10424126	NM_001037937 // Depdc6 // DEP domain containing 6 // 15 D1|15 6.7 cM // 97998 //	Depdc6	1.6075E-07	-2.04557	Week 2 down vs Week 1

10593937	NM_025837 // Mpi // mannose phosphate isomerase // 9 C|9 32.0 cM // 110119 /// E	Mpi	6.1972E-11	-2.04537	Week 2 down vs Week 1
10413482	NM_009524 // Wnt5a // wingless-related MMTV integration site 5A // 14 A3|14 7.8	Wnt5a	1.56577E-06	-2.04537	Week 2 down vs Week 1
10375402	NM_009616 // Adam19 // a disintegrin and metallopeptidase domain 19 (meltrin bet	Adam19	7.7442E-07	-2.04501	Week 2 down vs Week 1
10400137	NM_013760 // Dnajb9 // DnaJ (Hsp40) homolog, subfamily B, member 9 // 12 B1 // 2	Dnajb9	1.07746E-05	-2.04494	Week 2 down vs Week 1
10358666	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000135334	-2.04492	Week 2 down vs Week 1
10578069	NM_153116 // Gtpbp10 // GTP-binding protein 10 (putative) // 5 A1 // 207704 ///	Gtpbp10	1.08614E-09	-2.04439	Week 2 down vs Week 1
10344553	---		0.00406221	-2.04414	Week 2 down vs Week 1
10492860	NM_019814 // Higd1a // HIG1 domain family, member 1A // 9 F4 // 56295 /// NM_001	Higd1a	2.40038E-09	-2.04311	Week 2 down vs Week 1
10339781	---		1.29841E-06	-2.04282	Week 2 down vs Week 1
10339745	---		0.00141902	-2.04273	Week 2 down vs Week 1
10338988	---		1.84961E-08	-2.04242	Week 2 down vs Week 1
10415052	NM_008608 // Mmp14 // matrix metallopeptidase 14 (membrane-inserted) // 14 C2|14	Mmp14	2.18337E-07	-2.04227	Week 2 down vs Week 1
10339799	---		0.000358812	-2.04224	Week 2 down vs Week 1
10343100	---		0.000134713	-2.04195	Week 2 down vs Week 1
10520096	NM_026448 // Klhl7 // kelch-like 7 (Drosophila) // 5 A3|5 12.0 cM // 52323 /// N	Klhl7	7.00517E-09	-2.04171	Week 2 down vs Week 1
10344404	---		0.000325551	-2.04153	Week 2 down vs Week 1
10553537	NM_178705 // Luzp2 // leucine zipper protein 2 // 7 B5|7 28.0 cM // 233271 /// E	Luzp2	1.12703E-05	-2.04073	Week 2 down vs Week 1
10362829	NM_172416 // Ostm1 // osteopetrosis associated transmembrane protein 1 // 10 B2|	Ostm1	2.26789E-07	-2.03936	Week 2 down vs Week 1
10396442	NM_178392 // Snapc1 // small nuclear RNA activating complex, polypeptide 1 // 12	Snapc1	3.63014E-10	-2.03935	Week 2 down vs Week 1
10347741	NM_026713 // Mogat1 // monoacylglycerol O-acyltransferase 1 // 1 C4 // 68393 ///	Mogat1	1.36286E-06	-2.03894	Week 2 down vs Week 1
10358389	NM_009061 // Rgs2 // regulator of G-protein signaling 2 // 1 F|1 78.0 cM // 1973	Rgs2	1.51308E-06	-2.03854	Week 2 down vs Week 1
10343405	---		1.22611E-06	-2.03827	Week 2 down vs Week 1
10437080	NM_009441 // Ttc3 // tetratricopeptide repeat domain 3 // 16 C3.3-4|16 67.9 cM /	Ttc3	9.71485E-10	-2.03804	Week 2 down vs Week 1
10379044	NM_033475 // Rab34 // RAB34, member of RAS oncogene family // 11 B5|11 44.89 cM	Rab34	5.03768E-08	-2.03774	Week 2 down vs Week 1
10344285	---		1.82717E-05	-2.03764	Week 2 down vs Week 1
10539310	NM_197992 // Pcgf1 // polycomb group ring finger 1 // 6 C3|6 35.0 cM // 69837 //	Pcgf1	1.55652E-07	-2.03703	Week 2 down vs Week 1
10570837	NM_011394 // Slc20a2 // solute carrier family 20, member 2 // 8 A2|8 9.0 cM // 2	Slc20a2	1.14193E-07	-2.03689	Week 2 down vs Week 1
10529206	NM_022424 // Fndc4 // fibronectin type III domain containing 4 // 5 B1 // 64339	Fndc4	1.7839E-08	-2.03683	Week 2 down vs Week 1
10343490	---		2.17206E-05	-2.03643	Week 2 down vs Week 1
10343673	---		0.000040181	-2.03639	Week 2 down vs Week 1
10366938	NM_177707 // Stac3 // SH3 and cysteine rich domain 3 // 10 D3 // 237611 /// ENSM	Stac3	6.43497E-05	-2.0362	Week 2 down vs Week 1
10341764	---		0.0141495	-2.0362	Week 2 down vs Week 1
10590487	XR_031805 // Zfp660 // zinc finger protein 660 // 9 F4 // 623911 /// XR_033265 /	Zfp660	2.57578E-07	-2.03612	Week 2 down vs Week 1
10366825	NM_001033263 // Agap2 // ArfGAP with GTPase domain, ankyrin repeat and PH domain	Agap2	1.01395E-05	-2.03598	Week 2 down vs Week 1
10434233	NM_011672 // Ufd1l // ubiquitin fusion degradation 1 like // 16 B1-B4|16 11.75 c	Ufd1l	1.85088E-10	-2.03573	Week 2 down vs Week 1
10542740	NM_010656 // Sspn // sarcospan // 6 G3|6 71.55 cM // 16651 /// ENSMUST0000003238	Sspn	7.21568E-05	-2.03516	Week 2 down vs Week 1
10360046	NM_025321 // Sdhc // succinate dehydrogenase complex, subunit C, integral membra	Sdhc	2.18509E-07	-2.03392	Week 2 down vs Week 1
10541605	NM_020001 // Clec4n // C-type lectin domain family 4, member n // 6 F3|6 55.0 cM	Clec4n	1.87969E-09	-2.03349	Week 2 down vs Week 1
10475772	NM_139308 // Stard7 // START domain containing 7 // 2 F1|2 62.5 cM // 99138 ///	Stard7	2.07865E-09	-2.03336	Week 2 down vs Week 1
10342565	---		0.00200396	-2.03236	Week 2 down vs Week 1
10412082	NM_028487 // Gpbp1 // GC-rich promoter binding protein 1 // 13 D2.1 // 73274 ///	Gpbp1	2.55701E-08	-2.03202	Week 2 down vs Week 1
10340661	---		1.03828E-09	-2.03184	Week 2 down vs Week 1
10430020	NM_025842 // Vps28 // vacuolar protein sorting 28 (yeast) // 15 D3 // 66914 ///	Vps28	6.17468E-08	-2.03182	Week 2 down vs Week 1
10345230	NM_008999 // Rab23 // RAB23, member RAS oncogene family // 1 B|1 18.5 cM // 1933	Rab23	5.09261E-10	-2.03171	Week 2 down vs Week 1
10508069	NM_008049 // Ftl2 // ferritin light chain 2 // 4 D2.2 // 14337 /// NM_010240 //	Ftl2	4.79321E-07	-2.03166	Week 2 down vs Week 1
10340597	---		6.74548E-06	-2.03164	Week 2 down vs Week 1
10522060	NM_026667 // Fam114a1 // family with sequence similarity 114, member A1 // 5 C3.	Fam114a1	3.40623E-05	-2.03085	Week 2 down vs Week 1
10479887	NM_021305 // Sec61a2 // Sec61, alpha subunit 2 (S. cerevisiae) // 2 A1 // 57743	Sec61a2	1.9141E-07	-2.03078	Week 2 down vs Week 1
10516551	NM_029036 // S100pbp // S100P binding protein // 4 D2.3 // 74648 /// ENSMUST0000	S100pbp	2.0085E-10	-2.0307	Week 2 down vs Week 1
10533055	NM_026886 // 1500001A10Rik // RIKEN cDNA 1500001A10 gene // 5 F // 68955 /// ENS	1500001A10Rik	0.000101143	-2.03066	Week 2 down vs Week 1
10342698	---		2.27755E-08	-2.03039	Week 2 down vs Week 1
10344805	NM_026493 // Cspp1 // centrosome and spindle pole associated protein 1 // 1 A2 /	Cspp1	4.61853E-06	-2.0297	Week 2 down vs Week 1
10400470	NM_053071 // Cox6c // cytochrome c oxidase, subunit VIc // 15 B3.3 // 12864 ///	Cox6c	3.55819E-09	-2.029	Week 2 down vs Week 1
10425207	NM_008197 // H1f0 // H1 histone family, member 0 // 15 E1|15 46.75 cM // 14958 /	H1f0	1.08353E-10	-2.0289	Week 2 down vs Week 1
10340298	---		9.29143E-05	-2.02873	Week 2 down vs Week 1
10339200	---		0.00048343	-2.02869	Week 2 down vs Week 1
10511661	NM_152812 // Otud6b // OTU domain containing 6B // 4 A1 // 72201 /// ENSMUST0000	Otud6b	3.36998E-09	-2.02804	Week 2 down vs Week 1
10342082	---		0.00221475	-2.02797	Week 2 down vs Week 1
10339348	---		6.4648E-06	-2.02702	Week 2 down vs Week 1
10409200	NM_008084 // Gapdh // glyceraldehyde-3-phosphate dehydrogenase // 6 F2 // 14433	Gapdh	3.076E-12	-2.02645	Week 2 down vs Week 1
10500362	NM_027241 // Polr3gl // polymerase (RNA) III (DNA directed) polypeptide G like /	Polr3gl	6.30644E-08	-2.0262	Week 2 down vs Week 1
10517731	NM_198610 // Igsf21 // immunoglobin superfamily, member 21 // 4 D3 // 230868 ///	Igsf21	0.000904523	-2.02596	Week 2 down vs Week 1
10406198	NM_008049 // Ftl2 // ferritin light chain 2 // 4 D2.2 // 14337 /// NM_010240 //	Ftl2	2.47893E-06	-2.02595	Week 2 down vs Week 1
10338701	---		0.000024086	-2.02583	Week 2 down vs Week 1
10430679	---		0.000180686	-2.02545	Week 2 down vs Week 1

10469514	NM_007552 // Bmi1 // Bmi1 polycomb ring finger oncogene // 2 A3|2 9.0 cM // 1215	Bmi1	3.45703E-09	-2.02532	Week 2 down vs Week 1
10340459	---		0.000311585	-2.02455	Week 2 down vs Week 1
10340900	---		0.00649755	-2.02444	Week 2 down vs Week 1
10436666	NM_023844 // Jam2 // junction adhesion molecule 2 // 16 C3.3 // 67374 /// ENSMUS	Jam2	0.000103157	-2.02363	Week 2 down vs Week 1
10339427	---		0.00113598	-2.02349	Week 2 down vs Week 1
10576332	NM_023279 // Tubb3 // tubulin, beta 3 // 8 E1 // 22152 /// ENSMUST00000071134 //	Tubb3	9.42064E-05	-2.02344	Week 2 down vs Week 1
10370544	BC082302 // 2610008E11Rik // RIKEN cDNA 2610008E11 gene // 10 C1 // 72128 /// EN	2610008E11Rik	8.31563E-08	-2.02309	Week 2 down vs Week 1
10373223	NM_008512 // Lrp1 // low density lipoprotein receptor-related protein 1 // 10 B2	Lrp1	2.96346E-05	-2.02303	Week 2 down vs Week 1
10597978	NM_148925 // Fyco1 // FYVE and coiled-coil domain containing 1 // 9 F|9 71.3 cM	Fyco1	4.78936E-08	-2.02294	Week 2 down vs Week 1
10358629	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000017725	-2.02289	Week 2 down vs Week 1
10549679	NM_001003920 // Brsk1 // BR serine/threonine kinase 1 // 7 A1 // 381979 /// NM_1	Brsk1	7.70523E-08	-2.02271	Week 2 down vs Week 1
10591884	NM_153803 // Glb1l2 // galactosidase, beta 1-like 2 // 9 A4 // 244757 /// ENSMUS	Glb1l2	0.000219555	-2.0226	Week 2 down vs Week 1
10591967	NM_023277 // Jam3 // junction adhesion molecule 3 // 9 A4 // 83964 /// ENSMUST00	Jam3	8.63524E-06	-2.02208	Week 2 down vs Week 1
10433709	BC022741 // 2900011O08Rik // RIKEN cDNA 2900011O08 gene // 16 A1 // 67254 /// NM	2900011O08Rik	0.000060579	-2.02207	Week 2 down vs Week 1
10556133	NM_019637 // Styx // serine/threonine/tyrosine interaction protein // 14 C1 // 5	Styx	0.000044248	-2.02205	Week 2 down vs Week 1
10342713	---		0.000434593	-2.02196	Week 2 down vs Week 1
10582303	NM_007806 // Cyba // cytochrome b-245, alpha polypeptide // --- // 13057 /// ENS	Cyba	0.000001307	-2.02139	Week 2 down vs Week 1
10523579	NM_029270 // Arhgap24 // Rho GTPase activating protein 24 // 5 E4 // 231532 ///	Arhgap24	2.18472E-10	-2.02136	Week 2 down vs Week 1
10343666	---		6.68387E-05	-2.02119	Week 2 down vs Week 1
10378855	ENSMUST00000068342 // Ssh2 // slingshot homolog 2 (Drosophila) // 11 B5 // 23786	Ssh2	0.000373924	-2.02043	Week 2 down vs Week 1
10447065	BC024059 // Fam82a1 // family with sequence similarity 82, member A1 // 17 E3 //	Fam82a1	1.86114E-07	-2.02017	Week 2 down vs Week 1
10353871	NM_001013374 // Lman2l // lectin, mannose-binding 2-like // 1 B // 214895 /// EN	Lman2l	8.5854E-11	-2.02004	Week 2 down vs Week 1
10435784	NR_002445 // BC002163 // NADH dehydrogenase Fe-S protein 5 pseudogene // 16 B4 /	BC002163	2.22356E-09	-2.01996	Week 2 down vs Week 1
10344115	---		4.14221E-08	-2.01962	Week 2 down vs Week 1
10358605	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	5.86014E-05	-2.01821	Week 2 down vs Week 1
10574471	NM_024217 // Cmtm3 // CKLF-like MARVEL transmembrane domain containing 3 // 8 D3	Cmtm3	6.83722E-06	-2.01813	Week 2 down vs Week 1
10544687	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063	Cycs	1.60437E-08	-2.01795	Week 2 down vs Week 1
10518837	NM_001081557 // Camta1 // calmodulin binding transcription activator 1 // 4 E2 /	Camta1	1.40638E-08	-2.01761	Week 2 down vs Week 1
10594911	NM_009359 // Tex9 // testis expressed gene 9 // 9 D // 21778 /// ENSMUST00000085	Tex9	1.90537E-09	-2.01734	Week 2 down vs Week 1
10518484	NM_173401 // Fbxo44 // F-box protein 44 // 4 E2 // 230903 /// NM_001161851 // Fb	Fbxo44	9.97554E-08	-2.01717	Week 2 down vs Week 1
10560474	NM_177691 // C79127 // expressed sequence C79127 // 7 A3 // 232941 /// BC096372	C79127	2.69549E-05	-2.017	Week 2 down vs Week 1
10387625	NM_009601 // Chrnb1 // cholinergic receptor, nicotinic, beta polypeptide 1 (musc	Chrnb1	6.07288E-05	-2.01648	Week 2 down vs Week 1
10339233	---		2.58896E-10	-2.01646	Week 2 down vs Week 1
10566846	NM_021494 // Dennd5a // DENN/MADD domain containing 5A // 7 F1 // 19347 /// ENSM	Dennd5a	0.000011019	-2.01611	Week 2 down vs Week 1
10353707	NM_011200 // Ptp4a1 // protein tyrosine phosphatase 4a1 // 1 B // 19243 /// NR_0	Ptp4a1	5.16727E-07	-2.01596	Week 2 down vs Week 1
10585970	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	2.74156E-07	-2.01574	Week 2 down vs Week 1
10585286	NM_175535 // Arhgap20 // Rho GTPase activating protein 20 // 9 A5.3 // 244867 //	Arhgap20	0.000245386	-2.01564	Week 2 down vs Week 1
10396161	NM_028339 // Tmx1 // thioredoxin-related transmembrane protein 1 // 12 C2 // 727	Tmx1	3.23525E-06	-2.01546	Week 2 down vs Week 1
10366186	NM_025602 // Ccdc59 // coiled-coil domain containing 59 // 10 D1|10 59.0 cM // 5	Ccdc59	3.45236E-10	-2.01522	Week 2 down vs Week 1
10596940	NM_028944 // P4htm // prolyl 4-hydroxylase, transmembrane (endoplasmic reticulum	P4htm	1.70794E-07	-2.01509	Week 2 down vs Week 1
10464583	NM_013541 // Gstp1 // glutathione S-transferase, pi 1 // 19 A|19 0.0 cM // 14870	Gstp1	1.20027E-05	-2.01472	Week 2 down vs Week 1
10339644	---		1.32019E-05	-2.01418	Week 2 down vs Week 1
10367960	NM_019961 // Pex3 // peroxisomal biogenesis factor 3 // 10 A // 56535 /// ENSMUS	Pex3	2.69278E-08	-2.01391	Week 2 down vs Week 1
10375065	NM_177364 // Sh3pxd2b // SH3 and PX domains 2B // 11 A4 // 268396 /// ENSMUST000	Sh3pxd2b	3.7494E-07	-2.01322	Week 2 down vs Week 1
10440564	NM_001081068 // Rnf160 // ring finger protein 160 // 16 C3.3 // 78913 /// ENSMUS	Rnf160	0.000049	-2.01289	Week 2 down vs Week 1
10472398	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	0.00024011	-2.01266	Week 2 down vs Week 1
10374880	NM_133767 // Mtif2 // mitochondrial translational initiation factor 2 // 11 A4 /	Mtif2	8.61479E-09	-2.01252	Week 2 down vs Week 1
10553324	NM_026436 // Tmem86a // transmembrane protein 86A // 7 B4 // 67893 /// ENSMUST00	Tmem86a	2.53627E-10	-2.01224	Week 2 down vs Week 1
10416753	NM_029320 // Pibf1 // progesterone immunomodulatory binding factor 1 // 14 E2.2|	Pibf1	3.48819E-10	-2.01223	Week 2 down vs Week 1
10341458	---		0.00494361	-2.01192	Week 2 down vs Week 1
10551852	NM_001081114 // Clip3 // CAP-GLY domain containing linker protein 3 // 7 B1 // 7	Clip3	3.4326E-06	-2.01173	Week 2 down vs Week 1
10357191	NM_019933 // Ptpn4 // protein tyrosine phosphatase, non-receptor type 4 // 1 41.	Ptpn4	5.08816E-07	-2.01167	Week 2 down vs Week 1
10428648	NM_001081288 // Taf2 // TAF2 RNA polymerase II, TATA box binding protein (TBP)-a	Taf2	3.58164E-07	-2.01154	Week 2 down vs Week 1
10576749	NM_001129803 // Pcp2 // Purkinje cell protein 2 (L7) // 8 A1.1|8 1.0 cM // 18545	Pcp2	0.00012112	-2.011	Week 2 down vs Week 1
10340304	---		0.00200872	-2.01092	Week 2 down vs Week 1
10342877	---		0.00109183	-2.0107	Week 2 down vs Week 1
10343391	---		0.00166101	-2.01034	Week 2 down vs Week 1
10343257	---		0.00358405	-2.01022	Week 2 down vs Week 1
10339333	---		0.00133397	-2.00959	Week 2 down vs Week 1
10411452	M32599 // Gapdh // glyceraldehyde-3-phosphate dehydrogenase // 6 F2 // 14433 ///	Gapdh	5E-14	-2.00958	Week 2 down vs Week 1
10560304	NM_007590 // Calm3 // calmodulin 3 // 7 A2|7 4.0 cM // 12315 /// BC050926 // Cal	Calm3	4.99623E-07	-2.00953	Week 2 down vs Week 1
10338618	---		0.00132524	-2.00931	Week 2 down vs Week 1
10491414	NM_001013024 // Usp13 // ubiquitin specific peptidase 13 (isopeptidase T-3) // 3	Usp13	0.000305545	-2.00882	Week 2 down vs Week 1
10342023	---		3.71291E-06	-2.00833	Week 2 down vs Week 1
10356084	NM_010570 // Irs1 // insulin receptor substrate 1 // 1 C5|1 57.0 cM // 16367 ///	Irs1	3.27811E-05	-2.0081	Week 2 down vs Week 1

10358529	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.00035616	-2.00799	Week 2 down vs Week 1
10440019	NM_019631 // Tmem45a // transmembrane protein 45a // 16 C1.1 // 56277 /// ENSMUS	Tmem45a	0.000400544	-2.00792	Week 2 down vs Week 1
10600814	NM_008179 // Gspt2 // G1 to S phase transition 2 // X B1 // 14853 /// ENSMUST000	Gspt2	4.91545E-09	-2.00784	Week 2 down vs Week 1
10345504	NM_009942 // Cox5b // cytochrome c oxidase, subunit Vb // 1 B // 12859 /// BC099	Cox5b	6.31997E-08	-2.00781	Week 2 down vs Week 1
10477353	NM_007896 // Mapre1 // microtubule-associated protein, RP/EB family, member 1 //	Mapre1	4.69032E-07	-2.00778	Week 2 down vs Week 1
10491601	NM_172679 // 4932438A13Rik // RIKEN cDNA 4932438A13 gene // 3 B // 229227	4932438A13Rik	5.8074E-08	-2.00737	Week 2 down vs Week 1
10475708	NM_026678 // Blvra // biliverdin reductase A // 2 F3|2 62.0 cM // 109778 /// ENS	Blvra	2.499E-11	-2.00712	Week 2 down vs Week 1
10467470	NM_019698 // Aldh18a1 // aldehyde dehydrogenase 18 family, member A1 // 19 C3 //	Aldh18a1	7.3634E-11	-2.00697	Week 2 down vs Week 1
10586967	NM_001039251 // Gm7265 // predicted gene 7265 // 9 D|9 // 639396	Gm7265	7.67216E-07	-2.00676	Week 2 down vs Week 1
10341302	---		0.000810484	-2.00664	Week 2 down vs Week 1
10342629	---		0.000110841	-2.0066	Week 2 down vs Week 1
10354732	NM_010477 // Hspd1 // heat shock protein 1 (chaperonin) // 1 C1.2 // 15510 /// E	Hspd1	8.4667E-06	-2.00652	Week 2 down vs Week 1
10453057	NM_009994 // Cyp1b1 // cytochrome P450, family 1, subfamily b, polypeptide 1 //	Cyp1b1	1.00354E-05	-2.00594	Week 2 down vs Week 1
10370210	NM_009933 // Col6a1 // collagen, type VI, alpha 1 // 10 41.1 cM // 12833 /// ENS	Col6a1	0.000082152	-2.00588	Week 2 down vs Week 1
10401181	NM_021557 // Rdh11 // retinol dehydrogenase 11 // 12 C3|12 32.5 cM // 17252 ///	Rdh11	1.56427E-08	-2.0056	Week 2 down vs Week 1
10598403	NM_138602 // Praf2 // PRA1 domain family 2 // X A1.1|X 1.6 cM // 54637 /// ENSMU	Praf2	5.03479E-08	-2.0056	Week 2 down vs Week 1
10556528	NM_011055 // Pde3b // phosphodiesterase 3B, cGMP-inhibited // 7 F1|7 53.3 cM //	Pde3b	9.44077E-09	-2.0051	Week 2 down vs Week 1
10465686	NM_001003934 // Rtn3 // reticulon 3 // 19 A // 20168 /// NM_001003933 // Rtn3 //	Rtn3	5.51487E-08	-2.00483	Week 2 down vs Week 1
10339668	---		7.26091E-05	-2.0048	Week 2 down vs Week 1
10343202	---		2.6008E-06	-2.00437	Week 2 down vs Week 1
10418355	NM_028981 // Cacna1d // calcium channel, voltage-dependent, L type, alpha 1D sub	Cacna1d	7.05807E-07	-2.00424	Week 2 down vs Week 1
10341481	---		0.00008965	-2.00411	Week 2 down vs Week 1
10344801	NM_026493 // Cspp1 // centrosome and spindle pole associated protein 1 // 1 A2 /	Cspp1	6.77332E-06	-2.00358	Week 2 down vs Week 1
10339444	---		0.00016395	-2.00332	Week 2 down vs Week 1
10343939	---		0.006308	-2.00271	Week 2 down vs Week 1
10404053	NM_023422 // Hist1h2bc // histone cluster 1, H2bc // 13 A3.1 // 68024 /// BC0196	Hist1h2bc	5.35001E-06	-2.00267	Week 2 down vs Week 1
10508953	NM_001039048 // Trim63 // tripartite motif-containing 63 // 4 D3 // 433766 /// E	Trim63	5.05163E-06	-2.00263	Week 2 down vs Week 1
10342592	---		0.000359148	-2.0026	Week 2 down vs Week 1
10396936	NM_001146217 // Smoc1 // SPARC related modular calcium binding 1 // 12 D1 // 640	Smoc1	0.00193576	-2.00239	Week 2 down vs Week 1
10343980	---		0.000119603	-2.00222	Week 2 down vs Week 1
10353038	NM_145692 // Lrrc67 // leucine rich repeat containing 67 // 1 A2 // 69312 /// NM	Lrrc67	0.000045277	-2.00211	Week 2 down vs Week 1
10340542	---		0.000247852	-2.00157	Week 2 down vs Week 1
10532580	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	1.08125E-05	-2.00146	Week 2 down vs Week 1
10512279	NM_016673 // Cntfr // ciliary neurotrophic factor receptor // 4 A5|4 19.9 cM //	Cntfr	2.96629E-05	-2.001	Week 2 down vs Week 1
10388745	NM_030145 // Lsm6 // LSM6 homolog, U6 small nuclear RNA associated (S. cerevisia	Lsm6	1.05279E-07	-2.00081	Week 2 down vs Week 1
10338875	---		2.75456E-10	2.00004	Week 2 up vs Week 1
10445803	NM_152823 // Unc5cl // unc-5 homolog C (C. elegans)-like // 17 C // 76589 /// EN	Unc5cl	7.08366E-09	2.0008	Week 2 up vs Week 1
10374236	NM_009477 // Upp1 // uridine phosphorylase 1 // 11 A1-2 // 22271 /// NM_00115940	Upp1	0.000230952	2.00083	Week 2 up vs Week 1
10578066	---		9.62842E-08	2.00096	Week 2 up vs Week 1
10429524	NR_027836 // D730001G18Rik // RIKEN cDNA D730001G18 gene // 15 D3 // 78725 /// N	D730001G18Rik	7.44871E-09	2.00177	Week 2 up vs Week 1
10403945	BC139425 // LOC100041230 // similar to histone H4 // 13 A3.1 // 100041230 /// NM	LOC100041230	1.0903E-07	2.00245	Week 2 up vs Week 1
10345807	NM_008365 // Il18r1 // interleukin 18 receptor 1 // 1 B // 16182 /// NM_00116184	Il18r1	1.71063E-07	2.00299	Week 2 up vs Week 1
10341320	---		4.75762E-06	2.003	Week 2 up vs Week 1
10344282	---		1.76057E-05	2.00369	Week 2 up vs Week 1
10597258	NM_146260 // Tmie // transmembrane inner ear // 9 F3|9 64.0 cM // 20776 /// ENSM	Tmie	1.8594E-11	2.00397	Week 2 up vs Week 1
10351477	NM_012009 // Sh2d1b1 // SH2 domain protein 1B1 // 1 H2 // 26904 /// ENSMUST00000	Sh2d1b1	7.21572E-06	2.00404	Week 2 up vs Week 1
10598192	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000258923	2.00529	Week 2 up vs Week 1
10447361	NM_028639 // Ttc7 // tetratricopeptide repeat domain 7 // 17 E4 // 225049 /// EN	Ttc7	2.74097E-07	2.00577	Week 2 up vs Week 1
10416689	NM_001030294 // Olfm4 // olfactomedin 4 // 14 D3 // 380924 /// ENSMUST0000008873	Olfm4	0.000176909	2.00595	Week 2 up vs Week 1
10549386	BC147633 // Klhdc5 // kelch domain containing 5 // 6 G3 // 232539 /// BC037084 /	Klhdc5	5.39102E-09	2.00626	Week 2 up vs Week 1
10559894	NM_001105066 // Vmn2r34 // vomeronasal 2, receptor 34 // 7 A1 // 100042636 /// N	Vmn2r34	0.000137303	2.00644	Week 2 up vs Week 1
10438431	NM_146957 // Olfr170 // olfactory receptor 170 // --- // 258959 /// ENSMUST00000	Olfr170	1.63094E-06	2.00654	Week 2 up vs Week 1
10542034	XM_145024 // Gm4968 // predicted gene 4968 // 6 F3 // 243642	Gm4968	3.97864E-10	2.00752	Week 2 up vs Week 1
10560744	NM_203489 // V1rd15 // vomeronasal 1 receptor, D15 // 7 A3 // 209824 /// NM_2068	V1rd15	0.000177177	2.00752	Week 2 up vs Week 1
10604245	---		2.01567E-08	2.00765	Week 2 up vs Week 1
10339584	---		5.27497E-05	2.00774	Week 2 up vs Week 1
10556059	NM_029660 // Rbmxl2 // RNA binding motif protein, X-linked-like 2 // 7 E3 // 765	Rbmxl2	1.14333E-07	2.00778	Week 2 up vs Week 1
10345393	NM_007685 // Cfc1 // cripto, FRL-1, cryptic family 1 // 1 B // 12627 /// ENSMUST	Cfc1	5.527E-09	2.00834	Week 2 up vs Week 1
10341980	---		2.7352E-09	2.0085	Week 2 up vs Week 1
10598528	NM_199066 // Ssxb9 // synovial sarcoma, X member B, breakpoint 9 // X A1.1 // 38	Ssxb9	0.000131601	2.00954	Week 2 up vs Week 1
10460554	NM_008451 // Klc2 // kinesin light chain 2 // 19 A|19 9.0 cM // 16594 /// ENSMUS	Klc2	5.18545E-10	2.00988	Week 2 up vs Week 1
10419128	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	0.000632548	2.01001	Week 2 up vs Week 1
10419132	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	0.000632548	2.01001	Week 2 up vs Week 1
10381708	NM_019679 // Fmnl1 // formin-like 1 // --- // 57778 /// NM_001077698 // Fmnl1 //	Fmnl1	4.3804E-11	2.01017	Week 2 up vs Week 1
10412392	ENSMUST00000099152 // Gm10732 // predicted gene 10732 // --- // 100038690	Gm10732	8.59509E-08	2.01021	Week 2 up vs Week 1

10344486	---		2.00697E-05	2.0109	Week 2 up vs Week 1
10404051	NM_175654 // Hist1h4d // histone cluster 1, H4d // --- // 319156	Hist1h4d	5.41353E-07	2.01092	Week 2 up vs Week 1
10517791	NM_011061 // Padi4 // peptidyl arginine deiminase, type IV // 4 E1|4 71.0 cM //	Padi4	0.0027179	2.01155	Week 2 up vs Week 1
10417310	ENSMUST00000112775 // Gm8160 // predicted gene 8160 // 14 A1|14 // 666555	Gm8160	2.57292E-07	2.01158	Week 2 up vs Week 1
10568432	ENSMUST00000119081 // 1110007A13Rik // RIKEN cDNA 1110007A13 gene // 7 F3 // 210	1110007A13Rik	3.71701E-09	2.01242	Week 2 up vs Week 1
10588035	XR_031229 // Gm8560 // predicted gene 8560 // 9 E3.3 // 667298	Gm8560	3.36998E-09	2.01257	Week 2 up vs Week 1
10347925	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	0.000304862	2.01263	Week 2 up vs Week 1
10505249	---		2.90342E-05	2.01266	Week 2 up vs Week 1
10523595	NM_011204 // Ptpn13 // protein tyrosine phosphatase, non-receptor type 13 // 5 E	Ptpn13	1.13821E-05	2.01299	Week 2 up vs Week 1
10338795	---		2.71009E-05	2.01331	Week 2 up vs Week 1
10396440	XM_204772 // Gm5068 // predicted gene 5068 // 12 C3 // 277089	Gm5068	7.71093E-06	2.01437	Week 2 up vs Week 1
10480570	NM_001162485 // Arrdc1 // arrestin domain containing 1 // 2 A3 // 215705 /// NM_	Arrdc1	3.21932E-07	2.01448	Week 2 up vs Week 1
10439268	NM_001013371 // Dtx3l // deltex 3-like (Drosophila) // 16 B3 // 209200 /// NM_03	Dtx3l	0.000157043	2.0145	Week 2 up vs Week 1
10419147	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	0.000605223	2.01465	Week 2 up vs Week 1
10386418	XR_032580 // Gm12261 // predicted gene 12261 // 11 B1.3 // 668157	Gm12261	3.40682E-06	2.01499	Week 2 up vs Week 1
10577154	NM_009724 // Atp4b // ATPase, H+/K+ exchanging, beta polypeptide // 8 A1.1|8 4.0	Atp4b	1.7185E-09	2.01527	Week 2 up vs Week 1
10478407	NM_012032 // Serinc3 // serine incorporator 3 // 2 H3 // 26943 /// ENSMUST000000	Serinc3	2.60124E-08	2.01536	Week 2 up vs Week 1
10343922	---		7.63396E-08	2.01631	Week 2 up vs Week 1
10555736	NM_147093 // Olfr558 // olfactory receptor 558 // --- // 259097 /// ENSMUST00000	Olfr558	3.84566E-05	2.01632	Week 2 up vs Week 1
10541513	---		6.15046E-10	2.01645	Week 2 up vs Week 1
10477942	NM_011249 // Rbl1 // retinoblastoma-like 1 (p107) // 2 H1|2 92.0 cM // 19650 ///	Rbl1	2.47536E-08	2.01668	Week 2 up vs Week 1
10514366	NM_023140 // Glrx3 // glutaredoxin 3 // 7 F5 // 30926 /// ENSMUST00000064404 //	Glrx3	3.81123E-06	2.017	Week 2 up vs Week 1
10543772	NM_001135093 // Klf14 // Kruppel-like factor 14 // 6 A3.3 // 619665 /// ENSMUST0	Klf14	1.6327E-10	2.0172	Week 2 up vs Week 1
10533180	NM_028041 // Ddx54 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 54 // 5 F // 71990	Ddx54	1.16217E-08	2.01737	Week 2 up vs Week 1
10352971	NM_009826 // Rb1cc1 // RB1-inducible coiled-coil 1 // 1 A2 // 12421 /// ENSMUST0	Rb1cc1	1.1948E-09	2.01741	Week 2 up vs Week 1
10545115	NM_134169 // V1rc14 // vomeronasal 1 receptor, C14 // 6 C1 // 171187 /// ENSMUST	V1rc14	1.6897E-11	2.01754	Week 2 up vs Week 1
10392904	NM_176847 // Ush1g // Usher syndrome 1G homolog (human) // 11 E2|11 77.0 cM // 1	Ush1g	1.26879E-07	2.01787	Week 2 up vs Week 1
10343644	---		7.15323E-05	2.01801	Week 2 up vs Week 1
10418946	ENSMUST00000022325 // 9230112D13Rik // RIKEN cDNA 9230112D13 gene // 14 B // 782	9230112D13Rik	2.62674E-09	2.01817	Week 2 up vs Week 1
10513166	NM_011207 // Ptpn3 // protein tyrosine phosphatase, non-receptor type 3 // 4 B3	Ptpn3	3.15288E-06	2.01829	Week 2 up vs Week 1
10421184	ENSMUST00000022660 // Loxl2 // lysyl oxidase-like 2 // 14 D2 // 94352 /// BC0868	Loxl2	3.40594E-09	2.01842	Week 2 up vs Week 1
10513922	NM_001017427 // Rasef // RAS and EF hand domain containing // 4 C3 // 242505 ///	Rasef	0.00139477	2.01902	Week 2 up vs Week 1
10392796	NM_199221 // Cd300lb // CD300 antigen like family member B // 11 E2 // 217304 //	Cd300lb	1.74929E-09	2.01942	Week 2 up vs Week 1
10412555	ENSMUST00000090634 // Gm10044 // predicted gene 10044 // 14 A1|14 // 218695 ///	Gm10044	8.5724E-11	2.02015	Week 2 up vs Week 1
10419116	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	0.000651161	2.0202	Week 2 up vs Week 1
10374769	---		2.19824E-08	2.02035	Week 2 up vs Week 1
10541279	NM_153516 // Bcl2l13 // BCL2-like 13 (apoptosis facilitator) // 6 F1|6 54.0 cM /	Bcl2l13	0.000862995	2.02119	Week 2 up vs Week 1
10342132	---		8.09983E-06	2.02123	Week 2 up vs Week 1
10397351	NM_030887 // Jdp2 // Jun dimerization protein 2 // 12 D3 // 81703 /// ENSMUST000	Jdp2	7.90609E-09	2.02224	Week 2 up vs Week 1
10495394	NM_029054 // 4930443G12Rik // RIKEN cDNA 4930443G12 gene // 3 F3 // 74686 /// EN	4930443G12Rik	2.96425E-08	2.02289	Week 2 up vs Week 1
10406590	NM_175455 // Ankrd34b // ankyrin repeat domain 34B // 13 C3 // 218440 /// ENSMUS	Ankrd34b	4.1035E-11	2.02333	Week 2 up vs Week 1
10593832	---		2.72185E-09	2.02472	Week 2 up vs Week 1
10553197	ENSMUST00000063311 // Gm9860 // predicted gene 9860 // --- // 791374	Gm9860	5.91349E-10	2.02536	Week 2 up vs Week 1
10343331	---		2.91034E-06	2.02537	Week 2 up vs Week 1
10555762	NM_147054 // Olfr584 // olfactory receptor 584 // --- // 259056 /// NM_147053 //	Olfr584	1.87244E-06	2.0255	Week 2 up vs Week 1
10380637	NM_008269 // Hoxb6 // homeo box B6 // 11 D|11 56.03 cM // 15414 /// ENSMUST00000	Hoxb6	1.2872E-09	2.02558	Week 2 up vs Week 1
10545200	ENSMUST00000101325 // LOC100046894 // similar to Igk-C protein // --- // 1000468	LOC100046894	3.50533E-06	2.02638	Week 2 up vs Week 1
10454651	---		2.3761E-08	2.0266	Week 2 up vs Week 1
10549929	NM_001105065 // Vmn2r33 // vomeronasal 2, receptor33 // 7 A1 // 624512 /// NM_00	Vmn2r33	0.000200534	2.02661	Week 2 up vs Week 1
10484716	NM_146641 // Olfr1164 // olfactory receptor 1164 // --- // 258634 /// ENSMUST000	Olfr1164	1.77769E-07	2.02727	Week 2 up vs Week 1
10497501	XM_975226 // Naaladl2 // N-acetylated alpha-linked acidic dipeptidase-like 2 //	Naaladl2	0.0228239	2.02738	Week 2 up vs Week 1
10410877	NM_001081176 // Polr3g // polymerase (RNA) III (DNA directed) polypeptide G // 1	Polr3g	4.37249E-05	2.02757	Week 2 up vs Week 1
10428089	NM_145469 // Nipal2 // NIPA-like domain containing 2 // 15 B3.1 // 223473 /// EN	Nipal2	0.000167221	2.02806	Week 2 up vs Week 1
10474171	NM_010125 // Elf5 // E74-like factor 5 // 2 E3 // 13711 /// NM_001145813 // Elf5	Elf5	3.0341E-07	2.02821	Week 2 up vs Week 1
10343440	---		6.11367E-06	2.02916	Week 2 up vs Week 1
10339008	---		0.000642369	2.02961	Week 2 up vs Week 1
10343502	---		1.27305E-06	2.03116	Week 2 up vs Week 1
10585381	NM_028060 // Slc35f2 // solute carrier family 35, member F2 // 9 A5.3 // 72022 /	Slc35f2	0.00490181	2.03171	Week 2 up vs Week 1
10546535	ENSMUST00000089303 // AY512915 // cDNA sequence AY512915 // --- // 414067	AY512915	2.40768E-06	2.03196	Week 2 up vs Week 1
10378216	NM_016745 // Atp2a3 // ATPase, Ca++ transporting, ubiquitous // 11 B4 // 53313 /	Atp2a3	0.000167553	2.03198	Week 2 up vs Week 1
10524450	NM_001040691 // Ung // uracil DNA glycosylase // 5 F // 22256 /// NM_011677 // U	Ung	4.6E-14	2.03252	Week 2 up vs Week 1
10552451	NM_028236 // Ceacam18 // carcinoembryonic antigen-related cell adhesion molecule	Ceacam18	1.88777E-07	2.03262	Week 2 up vs Week 1
10339315	---		1.40195E-08	2.03286	Week 2 up vs Week 1
10450779	NM_177634 // H2-M10.4 // histocompatibility 2, M region locus 10.4 // 17 B1 // 2	H2-M10.4	2.43454E-08	2.03297	Week 2 up vs Week 1
10547204	ENSMUST00000035534 // 4933440N22Rik // RIKEN cDNA 4933440N22 gene // 6 F1 // 744	4933440N22Rik	4.32061E-09	2.03357	Week 2 up vs Week 1

10484640	NM_146768 // Olfr1099 // olfactory receptor 1099 // --- // 258764 /// ENSMUST000	Olfr1099	8.20116E-09	2.03451	Week 2 up vs Week 1
10342478	---		8.29816E-08	2.03558	Week 2 up vs Week 1
10599251	NM_194063 // Rhox3a // reproductive homeobox 3A // X A2 // 382209 /// NM_0011141	Rhox3a	7.00404E-06	2.03573	Week 2 up vs Week 1
10390454	BC055770 // E130012A19Rik // RIKEN cDNA E130012A19 gene // 11 D // 103551 /// EN	E130012A19Rik	2.07452E-10	2.03577	Week 2 up vs Week 1
10546001	BC116955 // 1190003M12Rik // RIKEN cDNA 1190003M12 gene // 6 D1 // 68888 /// ENS	1190003M12Rik	9.70253E-06	2.03596	Week 2 up vs Week 1
10600047	NR_003243 // Fate1 // fetal and adult testis expressed 1 // X A7.3 // 77905 ///	Fate1	3.97913E-07	2.03618	Week 2 up vs Week 1
10347158	---		4.93593E-08	2.03632	Week 2 up vs Week 1
10444658	NM_033444 // Clic1 // chloride intracellular channel 1 // 17 B1|17 19.0 cM // 11	Clic1	9.5943E-06	2.03668	Week 2 up vs Week 1
10484791	NM_001011860 // Olfr1222 // olfactory receptor 1222 // 2 E1 // 258177 /// ENSMUS	Olfr1222	7.63636E-06	2.03748	Week 2 up vs Week 1
10404022	NM_001083311 // Gm11330 // predicted gene 11330 // 13 A3.1 // 100036518 /// NM_1	Gm11330	6.69864E-07	2.03781	Week 2 up vs Week 1
10605113	NM_008478 // L1cam // L1 cell adhesion molecule // X A6-B|X 29.51 cM // 16728 //	L1cam	3.51322E-06	2.03931	Week 2 up vs Week 1
10504755	---		1.20591E-07	2.03955	Week 2 up vs Week 1
10339219	---		0.0020397	2.03989	Week 2 up vs Week 1
10338631	---		1.27712E-07	2.04028	Week 2 up vs Week 1
10423024	NM_029341 // Capsl // calcyphosine-like // 15 A1 // 75568 /// ENSMUST00000042360	Capsl	4.02286E-06	2.04105	Week 2 up vs Week 1
10563704	NM_205821 // Mrgpra6 // MAS-related GPR, member A6 // 7 B4 // 381886 /// ENSMUST	Mrgpra6	1.28756E-08	2.0416	Week 2 up vs Week 1
10589846	---		5.35066E-08	2.04194	Week 2 up vs Week 1
10447773	NM_011395 // Slc22a3 // solute carrier family 22 (organic cation transporter), m	Slc22a3	4.20916E-07	2.04223	Week 2 up vs Week 1
10461162	NR_004445 // Snord22 // small nucleolar RNA, C/D box 22 // --- // 100127111	Snord22	0.000323461	2.04229	Week 2 up vs Week 1
10429970	NM_172960 // Adck5 // aarF domain containing kinase 5 // 15 D3 // 268822 /// ENS	Adck5	1.78198E-09	2.04273	Week 2 up vs Week 1
10550967	NM_001102613 // Phldb3 // pleckstrin homology-like domain, family B, member 3 //	Phldb3	1.08526E-10	2.04278	Week 2 up vs Week 1
10359422	NM_007453 // Prdx6 // peroxiredoxin 6 // 1 H2.1|1 83.6 cM // 11758 /// ENSMUST00	Prdx6	0.000117276	2.0429	Week 2 up vs Week 1
10339005	---		0.000171013	2.04315	Week 2 up vs Week 1
10436251	---		1.5195E-11	2.04386	Week 2 up vs Week 1
10449741	NM_010831 // Sik1 // salt inducible kinase 1 // 17 B1|17 18.18 cM // 17691 /// E	Sik1	4.09506E-07	2.04388	Week 2 up vs Week 1
10494281	NM_026489 // Hormad1 // HORMA domain containing 1 // 3 F2 // 67981 /// ENSMUST00	Hormad1	5.18926E-10	2.04438	Week 2 up vs Week 1
10442393	NM_010947 // Ntn3 // netrin 3 // 17 A3.3 // 18209 /// ENSMUST00000024931 // Ntn3	Ntn3	6.46762E-10	2.04458	Week 2 up vs Week 1
10435508	NM_029733 // 2010005H15Rik // RIKEN cDNA 2010005H15 gene // 16 B3 // 76770 /// E	2010005H15Rik	2.51035E-07	2.04515	Week 2 up vs Week 1
10361265	---		0.00166615	2.04548	Week 2 up vs Week 1
10414241	ENSMUST00000064162 // 1700024B05Rik // RIKEN cDNA 1700024B05 gene // 14 B // 755	1700024B05Rik	0.000176343	2.04581	Week 2 up vs Week 1
10485131	NM_172670 // Gyltl1b // glycosyltransferase-like 1B // 2 E1 // 228366 /// ENSMUS	Gyltl1b	1.91673E-09	2.04627	Week 2 up vs Week 1
10401050	XR_034203 // Gm7862 // predicted gene 7862 // 12 C3 // 665957	Gm7862	3.01127E-07	2.04679	Week 2 up vs Week 1
10340356	---		1.12371E-07	2.04713	Week 2 up vs Week 1
10450101	---		6.98455E-09	2.04741	Week 2 up vs Week 1
10550765	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	0.000068403	2.04916	Week 2 up vs Week 1
10408557	NM_025429 // Serpinb1a // serine (or cysteine) peptidase inhibitor, clade B, mem	Serpinb1a	0.000400453	2.04931	Week 2 up vs Week 1
10363492	ENSMUST00000020287 // Npffr1 // neuropeptide FF receptor 1 // 10 B4 // 237362 //	Npffr1	8.9214E-11	2.05012	Week 2 up vs Week 1
10537642	NM_001038997 // EG436523 // predicted gene, EG436523 // 6 B1 // 436523 /// ENSMU	EG436523	2.6284E-09	2.05078	Week 2 up vs Week 1
10513420	NM_001134675 // Mup7 // major urinary protein 7 // 4 B3|4 // 100041658 /// NM_00	Mup7	4.06775E-05	2.05145	Week 2 up vs Week 1
10484620	NM_207135 // Olfr1084 // olfactory receptor 1084 // 2 D // 258235 /// ENSMUST000	Olfr1084	3E-14	2.05147	Week 2 up vs Week 1
10604551	NM_031388 // Usp26 // ubiquitin specific peptidase 26 // X A5 // 83563 /// ENSMU	Usp26	6.6546E-11	2.05197	Week 2 up vs Week 1
10452815	NM_011723 // Xdh // xanthine dehydrogenase // 17 E2|17 45.3 cM // 22436 /// ENSM	Xdh	1.40682E-06	2.05197	Week 2 up vs Week 1
10484781	NM_146818 // Olfr1218 // olfactory receptor 1218 // --- // 258815 /// ENSMUST000	Olfr1218	7.54569E-08	2.05234	Week 2 up vs Week 1
10528183	NM_001122661 // Speer4e // spermatogenesis associated glutamate (E)-rich protein	Speer4e	0.000209061	2.05267	Week 2 up vs Week 1
10520499	NM_001033460 // Gm1060 // predicted gene 1060 // 5 B1 // 381738 /// ENSMUST00000	Gm1060	1.27909E-09	2.05334	Week 2 up vs Week 1
10396952	NM_001033149 // Ttc9 // tetratricopeptide repeat domain 9 // 12 D1 // 69480 ///	Ttc9	0.000156064	2.05377	Week 2 up vs Week 1
10416923	---		2.66905E-08	2.05447	Week 2 up vs Week 1
10467258	NM_001099634 // Myof // myoferlin // 19 C2 // 226101 /// ENSMUST00000041475 // M	Myof	2.89583E-07	2.05535	Week 2 up vs Week 1
10549923	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	0.000242764	2.05617	Week 2 up vs Week 1
10341725	---		2.96308E-08	2.05668	Week 2 up vs Week 1
10561527	NM_021895 // Actn4 // actinin alpha 4 // 7 A3 // 60595 /// ENSMUST00000068045 //	Actn4	2.9798E-06	2.05678	Week 2 up vs Week 1
10499378	NM_013658 // Sema4a // sema domain, immunoglobulin domain (Ig), transmembrane do	Sema4a	2.30568E-06	2.05687	Week 2 up vs Week 1
10515828	NM_207703 // Olfr1335 // olfactory receptor 1335 // 4 D2.1 // 435804 /// NM_0010	Olfr1335	1.08743E-06	2.05755	Week 2 up vs Week 1
10498568	NM_013665 // Shox2 // short stature homeobox 2 // 3 E3-F1|3 31.6 cM // 20429 ///	Shox2	2.0876E-11	2.0576	Week 2 up vs Week 1
10380719	NM_031183 // Sp6 // trans-acting transcription factor 6 // 11 D // 83395 /// ENS	Sp6	3.84142E-09	2.05772	Week 2 up vs Week 1
10338477	---		5.86299E-07	2.05839	Week 2 up vs Week 1
10457640	NM_016740 // S100a11 // S100 calcium binding protein A11 (calgizzarin) // 3 E-F	S100a11	1.67093E-05	2.0589	Week 2 up vs Week 1
10592408	NM_207141 // Olfr955 // olfactory receptor 955 // 9 A5.1 // 258242 /// NM_146503	Olfr955	5.12653E-08	2.05923	Week 2 up vs Week 1
10346069	XM_001477007 // Gm8304 // predicted gene 8304 // 1 C1.1 // 666814	Gm8304	1.0741E-06	2.05925	Week 2 up vs Week 1
10508719	---		0.000157905	2.05958	Week 2 up vs Week 1
10401149	NM_013738 // Plek2 // pleckstrin 2 // 12 D2 // 27260 /// ENSMUST00000021544 // P	Plek2	7.04375E-06	2.05959	Week 2 up vs Week 1
10374366	NM_207655 // Egfr // epidermal growth factor receptor // 11 A1-A4|11 9.0 cM // 1	Egfr	1.39912E-07	2.06017	Week 2 up vs Week 1
10389786	NM_172563 // Hlf // hepatic leukemia factor // 11 C-D|11 52.0 cM // 217082 /// E	Hlf	3.14682E-07	2.0611	Week 2 up vs Week 1
10383763	ENSMUST00000087968 // Gm10216 // predicted gene 10216 // --- // 100038445	Gm10216	4.70903E-10	2.06147	Week 2 up vs Week 1
10484569	NM_147017 // Olfr1045 // olfactory receptor 1045 // --- // 259019 /// ENSMUST000	Olfr1045	6.35809E-08	2.06264	Week 2 up vs Week 1

10339609	---		1.07344E-08	2.06365	Week 2 up vs Week 1
10513428	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_008647 /	Mup2	3.93435E-05	2.06433	Week 2 up vs Week 1
10477854	NM_013510 // Epb4.1l1 // erythrocyte protein band 4.1-like 1 // 2 H1|2 88.0 cM /	Epb4.1l1	1.24946E-08	2.06474	Week 2 up vs Week 1
10338374	---		1.28322E-06	2.06553	Week 2 up vs Week 1
10404965	NM_146042 // Rnf144b // ring finger protein 144B // 13 A5 // 218215 /// ENSMUST0	Rnf144b	4.16394E-08	2.06564	Week 2 up vs Week 1
10450145	NM_013585 // Psmb9 // proteasome (prosome, macropain) subunit, beta type 9 (larg	Psmb9	2.31E-13	2.06578	Week 2 up vs Week 1
10345777	NM_133193 // Il1rl2 // interleukin 1 receptor-like 2 // 1 B // 107527 /// ENSMUS	Il1rl2	7.42455E-05	2.06704	Week 2 up vs Week 1
10514340	NM_001040654 // Cdkn2a // cyclin-dependent kinase inhibitor 2A // 4 C3-C6|4 42.7	Cdkn2a	8.6774E-10	2.06718	Week 2 up vs Week 1
10525733	NM_030241 // Setd8 // SET domain containing (lysine methyltransferase) 8 // 5 F	Setd8	1.84974E-08	2.06756	Week 2 up vs Week 1
10415156	ENSMUST00000085837 // Gm10364 // predicted gene 10364 // 14 C2 // 545052	Gm10364	7.6754E-10	2.06829	Week 2 up vs Week 1
10341188	---		0.000144377	2.06835	Week 2 up vs Week 1
10341715	---		0.00111098	2.06911	Week 2 up vs Week 1
10340106	---		1.49809E-07	2.06917	Week 2 up vs Week 1
10340903	---		1.54474E-07	2.06918	Week 2 up vs Week 1
10474199	---		1.26974E-09	2.06955	Week 2 up vs Week 1
10529605	NM_011716 // Wfs1 // Wolfram syndrome 1 homolog (human) // 5 B3 // 22393 /// ENS	Wfs1	6.21127E-09	2.06979	Week 2 up vs Week 1
10568696	NM_001081331 // D7Ertd443e // DNA segment, Chr 7, ERATO Doi 443, expressed // 7	D7Ertd443e	6.0199E-10	2.07051	Week 2 up vs Week 1
10340110	---		0.00560023	2.07087	Week 2 up vs Week 1
10347921	ENSMUST00000093501 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621	A530040E14Rik	1.06254E-05	2.07114	Week 2 up vs Week 1
10363475	NM_011073 // Prf1 // perforin 1 (pore forming protein) // 10 B4|10 36.0 cM // 18	Prf1	5.75506E-10	2.07178	Week 2 up vs Week 1
10378545	---		4.25227E-10	2.07192	Week 2 up vs Week 1
10383358	---		6.1763E-09	2.07315	Week 2 up vs Week 1
10531051	NM_001029867 // Ugt2b36 // UDP glucuronosyltransferase 2 family, polypeptide B36	Ugt2b36	1.55178E-10	2.07334	Week 2 up vs Week 1
10520301	NM_198621 // Gm443 // predicted gene 443 // 5 A3 // 242891 /// ENSMUST0000004501	Gm443	1.71216E-09	2.07341	Week 2 up vs Week 1
10339815	---		6.90059E-05	2.07343	Week 2 up vs Week 1
10338060	---		3.61345E-09	2.07351	Week 2 up vs Week 1
10593323	---		1.16852E-09	2.07382	Week 2 up vs Week 1
10494500	NM_001081139 // Ankrd35 // ankyrin repeat domain 35 // 3 F2.1 // 213121 /// ENSM	Ankrd35	4.35723E-08	2.07393	Week 2 up vs Week 1
10559928	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	0.000332751	2.07441	Week 2 up vs Week 1
10343499	---		3.63256E-07	2.07443	Week 2 up vs Week 1
10548817	NM_025806 // Plbd1 // phospholipase B domain containing 1 // 6 G1 // 66857 /// E	Plbd1	0.000219075	2.07448	Week 2 up vs Week 1
10485624	NM_178695 // Prrg4 // proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane	Prrg4	4.40097E-05	2.07468	Week 2 up vs Week 1
10517614	ENSMUST00000105032 // Fam43b // family with sequence similarity 43, member B //	Fam43b	9.79529E-07	2.0755	Week 2 up vs Week 1
10566290	---		4.62938E-08	2.07607	Week 2 up vs Week 1
10515613	NM_011213 // Ptprf // protein tyrosine phosphatase, receptor type, F // 4 C6-D1	Ptprf	1.32922E-06	2.07612	Week 2 up vs Week 1
10507518	---		1.425E-11	2.07629	Week 2 up vs Week 1
10468891	AK163227 // Gm7102 // predicted gene 7102 // 19 D3 // 633057 /// XM_001002874 //	Gm7102	1.08463E-08	2.07712	Week 2 up vs Week 1
10479938	NM_024208 // Echdc3 // enoyl Coenzyme A hydratase domain containing 3 // 2 A1 //	Echdc3	1.06815E-08	2.07757	Week 2 up vs Week 1
10505246	---		0.000106095	2.07766	Week 2 up vs Week 1
10505258	---		0.000106095	2.07766	Week 2 up vs Week 1
10461709	XR_033950 // EG667078 // predicted gene, EG667078 // 19 A|19 // 667078	EG667078	8.06712E-10	2.07768	Week 2 up vs Week 1
10339663	---		0.000379267	2.07774	Week 2 up vs Week 1
10523182	NM_009704 // Areg // amphiregulin // 5 E1|5 51.0 cM // 11839 /// ENSMUST00000031	Areg	2.49519E-07	2.07861	Week 2 up vs Week 1
10342815	---		0.000336717	2.07917	Week 2 up vs Week 1
10386189	NM_146879 // Olfr330 // olfactory receptor 330 // --- // 258879 /// ENSMUST00000	Olfr330	4.45559E-08	2.07926	Week 2 up vs Week 1
10415140	NM_080728 // Myh7 // myosin, heavy polypeptide 7, cardiac muscle, beta // 14 C3|	Myh7	8.87639E-08	2.08044	Week 2 up vs Week 1
10467420	NM_016861 // Pdlim1 // PDZ and LIM domain 1 (elfin) // 19 D1 // 54132 /// ENSMUS	Pdlim1	9.40253E-05	2.08086	Week 2 up vs Week 1
10513536	XM_001472530 // Gm2173 // predicted gene 2173 // 4 B3|4 // 100039345	Gm2173	2.3488E-06	2.08103	Week 2 up vs Week 1
10596034	NM_001033543 // Il20rb // interleukin 20 receptor beta // 9 E3.3 // 213208 /// E	Il20rb	1.87605E-08	2.0821	Week 2 up vs Week 1
10364375	NM_007793 // Cstb // cystatin B // 10 C1|10 42.0 cM // 13014 /// ENSMUST00000005	Cstb	0.000047112	2.08325	Week 2 up vs Week 1
10432957	NM_013566 // Itgb7 // integrin beta 7 // 15 F3|15 61.1 cM // 16421 /// ENSMUST00	Itgb7	1.95096E-10	2.08409	Week 2 up vs Week 1
10568714	NM_001081117 // Mki67 // antigen identified by monoclonal antibody Ki 67 // 7 F3	Mki67	0.000633285	2.0842	Week 2 up vs Week 1
10429387	NM_023587 // Ptplb // protein tyrosine phosphatase-like (proline instead of cata	Ptplb	0.00100538	2.08473	Week 2 up vs Week 1
10341448	---		2.16161E-05	2.08486	Week 2 up vs Week 1
10508405	NM_025452 // Tmem54 // transmembrane protein 54 // 4 D2.2 // 66260 /// ENSMUST00	Tmem54	8.10758E-09	2.08508	Week 2 up vs Week 1
10339042	---		3.01865E-06	2.08532	Week 2 up vs Week 1
10373620	NM_146266 // Olfr772 // olfactory receptor 772 // 10 D3 // 257666 /// ENSMUST000	Olfr772	7.75168E-07	2.08598	Week 2 up vs Week 1
10479743	ENSMUST00000089788 // Gm14496 // predicted gene 14496 // 2 H4|2 // 672125	Gm14496	2.7844E-11	2.08629	Week 2 up vs Week 1
10607280	XR_031183 // Gm15131 // predicted gene 15131 // X F3 // 100039716	Gm15131	2.4401E-09	2.08636	Week 2 up vs Week 1
10513455	NM_008647 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_001163011 /	Mup2	4.43689E-05	2.08664	Week 2 up vs Week 1
10344047	---		1.47487E-05	2.08704	Week 2 up vs Week 1
10444680	NM_027366 // Ly6g6e // lymphocyte antigen 6 complex, locus G6E // --- // 70274 /	Ly6g6e	2.10475E-09	2.08733	Week 2 up vs Week 1
10592585	NM_172769 // Sc5d // sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homo	Sc5d	3.84634E-05	2.08793	Week 2 up vs Week 1
10343476	---		3.1393E-06	2.08813	Week 2 up vs Week 1
10461810	NM_146696 // Olfr1477 // olfactory receptor 1477 // --- // 258691 /// ENSMUST000	Olfr1477	8.68E-13	2.08823	Week 2 up vs Week 1

10340890	---		8.56461E-08	2.08831	Week 2 up vs Week 1
10520950	NM_016861 // Pdlim1 // PDZ and LIM domain 1 (elfin) // 19 D1 // 54132 /// ENSMUS	Pdlim1	9.58239E-05	2.0887	Week 2 up vs Week 1
10435185	---		3.22455E-05	2.08873	Week 2 up vs Week 1
10338749	---		7.99317E-06	2.08922	Week 2 up vs Week 1
10499932	NM_026335 // Lce1h // late cornified envelope 1H // 3 F1 // 67718 /// ENSMUST000	Lce1h	1.07131E-07	2.08938	Week 2 up vs Week 1
10524955	NM_021344 // Tesc // tescalcin // 5 F|5 64.0 cM // 57816 /// ENSMUST00000031304	Tesc	1.88756E-09	2.08973	Week 2 up vs Week 1
10341110	---		1.45238E-07	2.08992	Week 2 up vs Week 1
10343492	---		7.97127E-08	2.09026	Week 2 up vs Week 1
10448998	NM_177822 // Mslnl // mesothelin-like // 17 A3.3 // 328783 /// ENSMUST0000004709	Mslnl	5.59287E-09	2.09126	Week 2 up vs Week 1
10458430	NM_007858 // Diap1 // diaphanous homolog 1 (Drosophila) // 18 B3|18 16.0 cM // 1	Diap1	2.0386E-07	2.09152	Week 2 up vs Week 1
10400706	ENSMUST00000050063 // Arf6 // ADP-ribosylation factor 6 // 12 C2 // 11845 /// BC	Arf6	4.5409E-09	2.09193	Week 2 up vs Week 1
10560754	---		3.94776E-05	2.09235	Week 2 up vs Week 1
10560742	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2068	V1rd21	5.42144E-05	2.0926	Week 2 up vs Week 1
10378793	NM_025655 // Tmigd1 // transmembrane and immunoglobulin domain containing 1 // 1	Tmigd1	3.99798E-06	2.09276	Week 2 up vs Week 1
10342757	---		4.7585E-07	2.09281	Week 2 up vs Week 1
10356671	NM_147038 // Olfr1416 // olfactory receptor 1416 // --- // 259040 /// NM_147038	Olfr1416	2.47134E-07	2.09296	Week 2 up vs Week 1
10375886	NR_027958 // D930048N14Rik // RIKEN cDNA D930048N14 gene // 11 B1.3 // 97775 ///	D930048N14Rik	1.39827E-10	2.09305	Week 2 up vs Week 1
10587818	NM_178711 // Plscr4 // phospholipid scramblase 4 // 9 E3.3 // 235527 /// ENSMUST	Plscr4	1.16222E-06	2.09327	Week 2 up vs Week 1
10340041	---		7.95759E-06	2.09402	Week 2 up vs Week 1
10542270	---		1.54518E-10	2.09435	Week 2 up vs Week 1
10340793	---		4.1271E-08	2.0956	Week 2 up vs Week 1
10425421	NM_145986 // Fam83f // family with sequence similarity 83, member F // 15 E1 //	Fam83f	1.20244E-07	2.09596	Week 2 up vs Week 1
10529154	NM_147201 // Nrbp1 // nuclear receptor binding protein 1 // 5 B1 // 192292 /// A	Nrbp1	4.2758E-11	2.09648	Week 2 up vs Week 1
10462554	NM_172837 // Lipk // lipase, family member K // 19 C1 // 240633 /// BC055815 //	Lipk	2.12733E-06	2.09662	Week 2 up vs Week 1
10513472	NM_008647 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_001045550 /	Mup2	2.46199E-05	2.09678	Week 2 up vs Week 1
10408243	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_175	Hist1h4b	2.9145E-06	2.09712	Week 2 up vs Week 1
10446074	NM_010931 // Uhrf1 // ubiquitin-like, containing PHD and RING finger domains, 1	Uhrf1	0.000133839	2.09732	Week 2 up vs Week 1
10472162	NM_010274 // Gpd2 // glycerol phosphate dehydrogenase 2, mitochondrial // 2 C1.1	Gpd2	9.58882E-08	2.09782	Week 2 up vs Week 1
10516490	NM_010291 // Gjb5 // gap junction protein, beta 5 // 4 D2.2|4 57.5 cM // 14622 /	Gjb5	4.68751E-10	2.09826	Week 2 up vs Week 1
10338046	---		1.7106E-11	2.09916	Week 2 up vs Week 1
10340088	---		0.000140424	2.0995	Week 2 up vs Week 1
10438854	NM_172613 // Atp13a4 // ATPase type 13A4 // 16 B2 // 224079 /// BC048410 // Atp1	Atp13a4	8.36626E-05	2.10013	Week 2 up vs Week 1
10513437	NM_008647 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_001045550 /	Mup2	3.64811E-05	2.10084	Week 2 up vs Week 1
10501454	NM_025723 // 4921515J06Rik // RIKEN cDNA 4921515J06 gene // 3 G1 // 66715 /// EN	4921515J06Rik	2.88174E-09	2.10117	Week 2 up vs Week 1
10559908	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	6.15345E-05	2.10196	Week 2 up vs Week 1
10560789	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2068	V1rd21	4.51683E-05	2.10254	Week 2 up vs Week 1
10465963	NM_001111140 // Gm705 // predicted gene 705 // 19 A // 278795	Gm705	1.0322E-11	2.10296	Week 2 up vs Week 1
10550786	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	3.54629E-05	2.10303	Week 2 up vs Week 1
10521088	ENSMUST00000101353 // Gm10459 // predicted gene 10459 // --- // 100038624	Gm10459	1.29066E-08	2.10352	Week 2 up vs Week 1
10377368	NM_009080 // Rpl26 // ribosomal protein L26 // 11 B3 // 19941 /// ENSMUST0000007	Rpl26	2.98E-13	2.10381	Week 2 up vs Week 1
10604032	---		0.000117658	2.10394	Week 2 up vs Week 1
10468783	NM_009501 // Vax1 // ventral anterior homeobox containing gene 1 // 19 D3|19 53.	Vax1	9.8078E-10	2.10408	Week 2 up vs Week 1
10578120	ENSMUST00000079376 // 1700104B16Rik // RIKEN cDNA 1700104B16 gene // 8 A3 // 786	1700104B16Rik	3.231E-12	2.10441	Week 2 up vs Week 1
10607415	ENSMUST00000112565 // Gm15140 // predicted gene 15140 // X F3 // 625713 /// ENSM	Gm15140	3.1207E-06	2.1047	Week 2 up vs Week 1
10338591	---		1.7631E-06	2.10494	Week 2 up vs Week 1
10484854	NM_010990 // Olfr48 // olfactory receptor 48 // 2 E1 // 18347 /// ENSMUST0000009	Olfr48	4.34296E-08	2.10605	Week 2 up vs Week 1
10598538	NM_026492 // Ssxb1 // synovial sarcoma, X member B, breakpoint 1 // X A1.1 // 67	Ssxb1	4.91126E-05	2.10617	Week 2 up vs Week 1
10588855	NM_008243 // Mst1 // macrophage stimulating 1 (hepatocyte growth factor-like) //	Mst1	8.19E-13	2.10619	Week 2 up vs Week 1
10361680	NM_145418 // BC013529 // cDNA sequence BC013529 // 10 A1 // 215751 /// ENSMUST00	BC013529	1.23235E-08	2.10626	Week 2 up vs Week 1
10415388	NM_020490 // Ltb4r2 // leukotriene B4 receptor 2 // 14 C1 // 57260 /// ENSMUST00	Ltb4r2	1.65025E-07	2.10696	Week 2 up vs Week 1
10339802	---		0.000214269	2.10762	Week 2 up vs Week 1
10505198	NM_144904 // Rod1 // ROD1 regulator of differentiation 1 (S. pombe) // 4 B3 // 2	Rod1	8.61709E-10	2.10785	Week 2 up vs Week 1
10545638	NM_009392 // Tlx2 // T-cell leukemia, homeobox 2 // 6 C3-D1|6 35.5 cM // 21909 /	Tlx2	1.16083E-08	2.10831	Week 2 up vs Week 1
10404067	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_153	Hist1h4b	5.52221E-06	2.10852	Week 2 up vs Week 1
10402808	NM_010588 // Jag2 // jagged 2 // 12 F1|12 57.9 cM // 16450 /// ENSMUST0000007582	Jag2	2.66642E-10	2.11036	Week 2 up vs Week 1
10338008	---		8.1561E-11	2.11086	Week 2 up vs Week 1
10524621	NM_011854 // Oasl2 // 2'-5' oligoadenylate synthetase-like 2 // 5 F // 23962 ///	Oasl2	0.000122412	2.11122	Week 2 up vs Week 1
10427280	NM_010462 // Hoxc10 // homeo box C10 // 15 F3 // 209448 /// ENSMUST00000001699 /	Hoxc10	5.6256E-08	2.11161	Week 2 up vs Week 1
10462140	NM_028785 // Dock8 // dedicator of cytokinesis 8 // 19 B // 76088 /// ENSMUST000	Dock8	3.2649E-11	2.11227	Week 2 up vs Week 1
10534716	---		0.001988	2.11238	Week 2 up vs Week 1
10516225	NM_017475 // Rragc // Ras-related GTP binding C // 4 D // 54170 /// ENSMUST00000	Rragc	1.349E-11	2.11258	Week 2 up vs Week 1
10477852	XM_001481161 // Gm14251 // predicted gene 14251 // 2 H1 // 632394	Gm14251	6.92491E-09	2.1128	Week 2 up vs Week 1
10386376	NM_009522 // Wnt3a // wingless-related MMTV integration site 3A // 11 B1.3|11 32	Wnt3a	1.08249E-08	2.11298	Week 2 up vs Week 1
10466573	NM_017375 // Ostf1 // osteoclast stimulating factor 1 // 19 B|19 14.0 cM // 2040	Ostf1	9.17688E-06	2.11308	Week 2 up vs Week 1
10550193	ENSMUST00000098805 // Gm3994 // predicted gene 3994 // 7 A1|7 // 100042728 /// E	Gm3994	0.000218934	2.1134	Week 2 up vs Week 1

10550782	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20686	V1rd14	4.40573E-05	2.11359	Week 2 up vs Week 1
10390117	NM_013565 // Itga3 // integrin alpha 3 // 11 D|11 56.0 cM // 16400 /// ENSMUST00	Itga3	1.9741E-06	2.11488	Week 2 up vs Week 1
10343456	---		1.14988E-07	2.11534	Week 2 up vs Week 1
10605355	---		4.34314E-06	2.11621	Week 2 up vs Week 1
10505240	---		8.99033E-06	2.11672	Week 2 up vs Week 1
10431410	NM_011161 // Mapk11 // mitogen-activated protein kinase 11 // --- // 19094 /// E	Mapk11	1.3007E-06	2.11691	Week 2 up vs Week 1
10400054	---		3.09114E-09	2.117	Week 2 up vs Week 1
10466515	NM_008023 // Foxb2 // forkhead box B2 // 19 B|19 10.5 cM // 14240 /// ENSMUST000	Foxb2	4.42752E-09	2.11731	Week 2 up vs Week 1
10565389	NM_146617 // Olfr307 // olfactory receptor 307 // --- // 258610 /// ENSMUST00000	Olfr307	1.81428E-09	2.11735	Week 2 up vs Week 1
10573346	---		2.76334E-09	2.11757	Week 2 up vs Week 1
10342134	---		2.06302E-07	2.11811	Week 2 up vs Week 1
10408739	NM_023842 // Dsp // desmoplakin // 13 A3.3 // 109620 /// ENSMUST00000078232 // G	Dsp	1.20033E-08	2.11957	Week 2 up vs Week 1
10338352	---		0.000914067	2.11974	Week 2 up vs Week 1
10341807	---		0.000188967	2.11999	Week 2 up vs Week 1
10343450	---		0.000747339	2.12127	Week 2 up vs Week 1
10347497	NM_009518 // Wnt10a // wingless related MMTV integration site 10a // 1 C3 // 224	Wnt10a	8.11608E-08	2.1215	Week 2 up vs Week 1
10532709	---		3.82281E-07	2.12163	Week 2 up vs Week 1
10604129	NM_001040089 // Rhox3f // reproductive homeobox 3F // X A3.3 // 621852 /// NM_00	Rhox3f	6.95996E-07	2.12247	Week 2 up vs Week 1
10521602	NM_175937 // Cpeb2 // cytoplasmic polyadenylation element binding protein 2 // 5	Cpeb2	2.01471E-05	2.12271	Week 2 up vs Week 1
10410656	NM_009817 // Cast // calpastatin // 13 C1 // 12380 /// ENSMUST00000065629 // Cas	Cast	4.59793E-06	2.12362	Week 2 up vs Week 1
10343388	---		1.95809E-08	2.12437	Week 2 up vs Week 1
10584470	NM_146783 // Olfr26 // olfactory receptor 26 // 9 A5.1 // 18324 /// ENSMUST00000	Olfr26	4.07323E-07	2.1252	Week 2 up vs Week 1
10484735	XM_621555 // Olfr1175 // olfactory receptor 1175 // 2 D // 546770	Olfr1175	1.30653E-07	2.12655	Week 2 up vs Week 1
10347915	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	8.94255E-05	2.12655	Week 2 up vs Week 1
10444244	NM_013683 // Tap1 // transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	Tap1	1.80987E-07	2.12836	Week 2 up vs Week 1
10560795	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20686	V1rd14	2.05757E-05	2.12856	Week 2 up vs Week 1
10341487	---		6.1848E-07	2.12937	Week 2 up vs Week 1
10339651	---		0.000971342	2.12957	Week 2 up vs Week 1
10349580	NM_011082 // Pigr // polymeric immunoglobulin receptor // 1 E3|1 68.2 cM // 1870	Pigr	1.27944E-06	2.13027	Week 2 up vs Week 1
10511366	XM_886425 // Gm11780 // predicted gene 11780 // 4 A1 // 622019	Gm11780	2.61518E-08	2.13032	Week 2 up vs Week 1
10472984	NM_010468 // Hoxd3 // homeo box D3 // 2 C2|2 45.0 cM // 15434 /// ENSMUST0000011	Hoxd3	8.01534E-10	2.13065	Week 2 up vs Week 1
10507576	NM_001011856 // Olfr1331 // olfactory receptor 1331 // 4 D2.1 // 258159 /// ENSM	Olfr1331	2.49529E-05	2.13174	Week 2 up vs Week 1
10486988	NM_145395 // Duoxa1 // dual oxidase maturation factor 1 // 2 E5 // 213696 /// EN	Duoxa1	5.14267E-06	2.13293	Week 2 up vs Week 1
10517169	NM_080559 // Sh3bgrl3 // SH3 domain binding glutamic acid-rich protein-like 3 //	Sh3bgrl3	0.000025678	2.13353	Week 2 up vs Week 1
10379731	NM_007969 // Expi // extracellular proteinase inhibitor // 11 C // 14038 /// ENS	Expi	6.73572E-05	2.13497	Week 2 up vs Week 1
10559871	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	0.000110459	2.13626	Week 2 up vs Week 1
10598091	---		0.000102111	2.13642	Week 2 up vs Week 1
10502613	NM_001033199 // AI747448 // expressed sequence AI747448 // 3 H2 // 99709 /// ENS	AI747448	1.23056E-06	2.13653	Week 2 up vs Week 1
10558405	NM_183193 // Foxi2 // forkhead box I2 // 7 F3 // 270004 /// ENSMUST00000060356 /	Foxi2	4.0104E-11	2.13797	Week 2 up vs Week 1
10343539	---		8.30503E-05	2.13839	Week 2 up vs Week 1
10519241	NM_029264 // Ttll10 // tubulin tyrosine ligase-like family, member 10 // 4 E2 //	Ttll10	1.41043E-09	2.13901	Week 2 up vs Week 1
10453688	---		4.0368E-11	2.13915	Week 2 up vs Week 1
10399591	AK086127 // 3110053B16Rik // RIKEN cDNA 3110053B16 gene // 12 A1.2 // 382686 ///	3110053B16Rik	1.91389E-10	2.13927	Week 2 up vs Week 1
10352292	ENSMUST00000097448 // G370120E05Rik // RIKEN cDNA G370120E05 gene // 1 H4 // 666	G370120E05Rik	5.82673E-09	2.13991	Week 2 up vs Week 1
10338203	---		3.50875E-05	2.1402	Week 2 up vs Week 1
10525086	NM_133221 // Slc24a6 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a6	1.94604E-08	2.14147	Week 2 up vs Week 1
10489444	NM_138685 // Wfdc15b // WAP four-disulfide core domain 15B // 2 H3 // 192201 ///	Wfdc15b	9.26611E-10	2.14322	Week 2 up vs Week 1
10338842	---		1.33974E-05	2.14373	Week 2 up vs Week 1
10491279	NM_008857 // Prkci // protein kinase C, iota // 3 A3|3 13.8 cM // 18759 /// ENSM	Prkci	2.38212E-05	2.14416	Week 2 up vs Week 1
10344527	---		3.37759E-05	2.14426	Week 2 up vs Week 1
10461784	NM_146303 // Olfr1449 // olfactory receptor 1449 // --- // 258300 /// ENSMUST000	Olfr1449	2.69741E-10	2.14431	Week 2 up vs Week 1
10376803	NM_178618 // Fam83g // family with sequence similarity 83, member G // 11 B2 //	Fam83g	7.6161E-06	2.14475	Week 2 up vs Week 1
10550768	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2075	V1rd21	1.92886E-05	2.14544	Week 2 up vs Week 1
10397346	NM_010234 // Fos // FBJ osteosarcoma oncogene // 12 D2|12 40.0 cM // 14281 /// E	Fos	4.12325E-09	2.14559	Week 2 up vs Week 1
10602327	NM_001114383 // Luzp4 // leucine zipper protein 4 // X F3|X // 434865 /// NM_011	Luzp4	1.23205E-06	2.1456	Week 2 up vs Week 1
10598212	---		0.000116458	2.14625	Week 2 up vs Week 1
10410168	XM_905472 // Gm274 // predicted gene 274 // 13 B3 // 218304	Gm274	1.5313E-11	2.14747	Week 2 up vs Week 1
10344119	---		5.82971E-06	2.15005	Week 2 up vs Week 1
10384615	NM_011023 // Otx1 // orthodenticle homolog 1 (Drosophila) // 11 A3.2|11 12.0 cM	Otx1	1.09432E-05	2.15028	Week 2 up vs Week 1
10353522	ENSMUST00000097807 // Gm6420 // predicted gene 6420 // 1 A5 // 623356	Gm6420	3.16547E-09	2.15101	Week 2 up vs Week 1
10362158	NM_001010827 // Taar7b // trace amine-associated receptor 7B // 10 A4 // 209517	Taar7b	8.32358E-09	2.1515	Week 2 up vs Week 1
10344546	---		0.000220065	2.15166	Week 2 up vs Week 1
10339642	---		4.41783E-09	2.15228	Week 2 up vs Week 1
10394831	ENSMUST00000101569 // Gm5784 // predicted gene 5784 // 12 A1.2 // 544848	Gm5784	1.73297E-10	2.15238	Week 2 up vs Week 1
10531484	NM_175270 // Ankrd56 // ankyrin repeat domain 56 // 5 E2 // 78088 /// ENSMUST000	Ankrd56	5.9716E-11	2.15366	Week 2 up vs Week 1

10580532	ENSMUST00000098517 // Gm6658 // predicted gene 6658 // 8 C5 // 626231	Gm6658	3.25455E-10	2.15366	Week 2 up vs Week 1
10550208	ENSMUST00000098805 // Gm3994 // predicted gene 3994 // 7 A1|7 // 100042728 /// E	Gm3994	0.000177739	2.15405	Week 2 up vs Week 1
10341947	---		2.55819E-07	2.15505	Week 2 up vs Week 1
10549904	NM_009489 // Vmn2r37 // vomeronasal 2, receptor 37 // 7 A1 // 22305 /// NM_00110	Vmn2r37	6.79521E-05	2.156	Week 2 up vs Week 1
10360147	NM_019484 // Refbp2 // RNA and export factor binding protein 2 // 1 H3 // 56009	Refbp2	6.22346E-09	2.15832	Week 2 up vs Week 1
10598837	---		1.20687E-08	2.15884	Week 2 up vs Week 1
10559728	---		6.22172E-10	2.15943	Week 2 up vs Week 1
10420383	AK139567 // AU040096 // expressed sequence AU040096 // 14 C3 // 105611 /// XM_00	AU040096	2.89744E-10	2.15956	Week 2 up vs Week 1
10593460	BC048587 // 4833427G06Rik // RIKEN cDNA 4833427G06 gene // 9 B // 235345 /// ENS	4833427G06Rik	1.1691E-11	2.15973	Week 2 up vs Week 1
10394978	NM_009104 // Rrm2 // ribonucleotide reductase M2 // 12 A1.3|12 7.0 cM // 20135 /	Rrm2	8.30721E-05	2.16052	Week 2 up vs Week 1
10502076	---		2.33847E-06	2.16134	Week 2 up vs Week 1
10440180	NM_001011736 // Olfr205 // olfactory receptor 205 // 16 C1.3 // 257881 /// NM_14	Olfr205	5.87119E-08	2.16142	Week 2 up vs Week 1
10380896	NM_001003817 // Erbb2 // v-erb-b2 erythroblastic leukemia viral oncogene homolog	Erbb2	1.33999E-08	2.16247	Week 2 up vs Week 1
10348906	NM_001039219 // Gm6086 // predicted gene 6086 // 1 D|1 // 619597 /// ENSMUST0000	Gm6086	6.94605E-08	2.16275	Week 2 up vs Week 1
10512721	NM_018741 // lgfbpl1 // insulin-like growth factor binding protein-like 1 // 4 B	lgfbpl1	2.6369E-09	2.16344	Week 2 up vs Week 1
10498998	BC062940 // D930015E06Rik // RIKEN cDNA D930015E06 gene // 3 F1 // 229473 /// NM	D930015E06Rik	3.43954E-06	2.16382	Week 2 up vs Week 1
10483665	NM_001005343 // Sp9 // trans-acting transcription factor 9 // 2 C3 // 381373 ///	Sp9	1.54502E-10	2.1644	Week 2 up vs Week 1
10435383	NM_023587 // Ptplb // protein tyrosine phosphatase-like (proline instead of cata	Ptplb	5.07765E-05	2.16472	Week 2 up vs Week 1
10338543	---		8.69393E-05	2.16699	Week 2 up vs Week 1
10440164	NM_001005524 // Olfr194 // olfactory receptor 194 // 16 A1 // 433031 /// NM_0010	Olfr194	2.5592E-06	2.16762	Week 2 up vs Week 1
10388994	ENSMUST00000100734 // Gm10386 // predicted gene 10386 // 11 B5|11 // 100038598	Gm10386	7.9686E-11	2.16867	Week 2 up vs Week 1
10549938	NM_001105066 // Vmn2r34 // vomeronasal 2, receptor 34 // 7 A1 // 100042636 /// N	Vmn2r34	6.69694E-05	2.16928	Week 2 up vs Week 1
10454445	NM_026165 // Slc25a46 // solute carrier family 25, member 46 // 18 B1 // 67453 /	Slc25a46	3.11324E-08	2.16964	Week 2 up vs Week 1
10392056	NM_007805 // Cyb561 // cytochrome b-561 // 11 E1|11 65.0 cM // 13056 /// ENSMUST	Cyb561	3.6577E-11	2.16996	Week 2 up vs Week 1
10408523	NM_008239 // Foxq1 // forkhead box Q1 // 13 A3.2|13 17.0 cM // 15220 /// ENSMUST	Foxq1	9.3141E-11	2.17033	Week 2 up vs Week 1
10547689	NM_019917 // Vmn2r26 // vomeronasal 2, receptor 26 // 6 F2 // 56552 /// NM_01991	Vmn2r26	6.03034E-09	2.17301	Week 2 up vs Week 1
10402608	BC048462 // 1700001K19Rik // RIKEN cDNA 1700001K19 gene // 12 F1 // 66323 /// EN	1700001K19Rik	7.5203E-11	2.1732	Week 2 up vs Week 1
10464045	NM_027976 // Acsl5 // acyl-CoA synthetase long-chain family member 5 // 19 D2 //	Acsl5	4.28309E-06	2.17366	Week 2 up vs Week 1
10341241	---		2.43741E-05	2.17408	Week 2 up vs Week 1
10432677	XM_001479184 // Fignl2 // fidgetin-like 2 // 15 F2 // 668225	Fignl2	1.08332E-09	2.17454	Week 2 up vs Week 1
10402575	NM_027299 // Degs2 // degenerative spermatocyte homolog 2 (Drosophila), lipid de	Degs2	3.8981E-11	2.17506	Week 2 up vs Week 1
10378401	---		1.21827E-09	2.17528	Week 2 up vs Week 1
10399457	NM_009658 // Akr1b3 // aldo-keto reductase family 1, member B3 (aldose reductase	Akr1b3	2.08402E-05	2.17542	Week 2 up vs Week 1
10359861	NM_025569 // Mgst3 // microsomal glutathione S-transferase 3 // 1 H2 // 66447 //	Mgst3	3.02668E-07	2.1766	Week 2 up vs Week 1
10409551	NM_011097 // Pitx1 // paired-like homeodomain transcription factor 1 // 13 B1|13	Pitx1	1.75213E-10	2.1794	Week 2 up vs Week 1
10339070	---		2.8598E-09	2.17984	Week 2 up vs Week 1
10341837	---		6.62947E-05	2.18037	Week 2 up vs Week 1
10339306	---		2.20373E-06	2.18131	Week 2 up vs Week 1
10599207	NM_001085497 // Slc25a43 // solute carrier family 25, member 43 // X A3.3 // 194	Slc25a43	1.83082E-09	2.18141	Week 2 up vs Week 1
10539581	---		9.85685E-10	2.18272	Week 2 up vs Week 1
10528177	NM_001122661 // Speer4e // spermatogenesis associated glutamate (E)-rich protein	Speer4e	8.18086E-05	2.18332	Week 2 up vs Week 1
10599286	NM_001085348 // Rhox2e // reproductive homeobox 2E // X A3.3 // 100040016 /// NM	Rhox2e	6.16865E-06	2.185	Week 2 up vs Week 1
10344375	---		1.2371E-06	2.18539	Week 2 up vs Week 1
10473462	NM_146569 // Olfr1014 // olfactory receptor 1014 // --- // 258562 /// ENSMUST000	Olfr1014	3.78253E-09	2.18606	Week 2 up vs Week 1
10553107	NM_001033170 // Fam83e // family with sequence similarity 83, member E // 7 B4 /	Fam83e	8.3608E-11	2.18644	Week 2 up vs Week 1
10425808	NM_009775 // Tspo // translocator protein // 15 E1|15 43.3 cM // 12257 /// ENSMU	Tspo	1.31113E-07	2.18685	Week 2 up vs Week 1
10549921	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_1989	Vmn2r43	5.12109E-05	2.18712	Week 2 up vs Week 1
10558263	---		8.8916E-11	2.18717	Week 2 up vs Week 1
10568392	NM_026418 // Rgs10 // regulator of G-protein signalling 10 // 7 F3 // 67865 ///	Rgs10	1.27897E-09	2.18747	Week 2 up vs Week 1
10338734	---		2.01816E-06	2.18853	Week 2 up vs Week 1
10344518	---		1.02053E-05	2.1892	Week 2 up vs Week 1
10560797	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20754	V1rd14	1.60234E-05	2.19034	Week 2 up vs Week 1
10425138	NM_009164 // Sh3bp1 // SH3-domain binding protein 1 // 15 E1 // 20401 /// ENSMUS	Sh3bp1	3.18243E-08	2.19086	Week 2 up vs Week 1
10430006	NM_028064 // Slc39a4 // solute carrier family 39 (zinc transporter), member 4 //	Slc39a4	5.90531E-05	2.19108	Week 2 up vs Week 1
10339734	---		1.71927E-07	2.1921	Week 2 up vs Week 1
10581645	NM_028584 // Marveld3 // MARVEL (membrane-associating) domain containing 3 // 8	Marveld3	1.50977E-07	2.19253	Week 2 up vs Week 1
10474355	BC141310 // Dcdc5 // doublecortin domain containing 5 // 2 E3 // 329482 /// ENSM	Dcdc5	5.21413E-08	2.19388	Week 2 up vs Week 1
10555460	NM_019990 // Stard10 // START domain containing 10 // 7 E3 // 56018 /// ENSMUST0	Stard10	1.12877E-07	2.19537	Week 2 up vs Week 1
10338275	---		3.25227E-06	2.19596	Week 2 up vs Week 1
10343917	---		8.36928E-07	2.19666	Week 2 up vs Week 1
10410224	ENSMUST00000099416 // Vmn2r-ps104 // vomeronasal 2, receptor, pseudogene 104 //	Vmn2r-ps104	1.94699E-06	2.19739	Week 2 up vs Week 1
10339985	---		0.000177774	2.19785	Week 2 up vs Week 1
10410248	ENSMUST00000071320 // Zfp640 // zinc finger protein 640 // 13 B3|13 // 386626 //	Zfp640	2.0633E-06	2.1979	Week 2 up vs Week 1
10340718	---		0.000124612	2.19809	Week 2 up vs Week 1
10338645	---		1.96796E-06	2.19975	Week 2 up vs Week 1

10574023	NM_008630 // Mt2 // metallothionein 2 // 8 C5|8 45.0 cM // 17750 /// ENSMUST0000	Mt2	2.59546E-05	2.20031	Week 2 up vs Week 1
10474998	---		1.0566E-11	2.20082	Week 2 up vs Week 1
10410211	AY149175 // Zfp640 // zinc finger protein 640 // 13 B3|13 // 386626 /// ENSMUST0	Zfp640	1.57218E-07	2.20168	Week 2 up vs Week 1
10343503	---		2.37339E-09	2.20185	Week 2 up vs Week 1
10340091	---		7.98063E-05	2.20356	Week 2 up vs Week 1
10571739	NM_172407 // Cdkn2aip // CDKN2A interacting protein // 8 B1.1 // 70925 /// ENSMU	Cdkn2aip	3.77658E-09	2.20393	Week 2 up vs Week 1
10545252	ENSMUST00000103403 // Igk-V21-2 // immunoglobulin kappa chain variable 21 (V21)-	Igk-V21-2	8.21705E-09	2.20436	Week 2 up vs Week 1
10555785	NM_001011793 // Olfr598 // olfactory receptor 598 // 7 E3 // 257975 /// ENSMUST0	Olfr598	1.79868E-06	2.20573	Week 2 up vs Week 1
10388306	NM_146707 // Olfr410 // olfactory receptor 410 // --- // 258702 /// ENSMUST00000	Olfr410	2.36037E-08	2.20607	Week 2 up vs Week 1
10400479	NM_008701 // Nkx2-9 // NK2 transcription factor related, locus 9 (Drosophila) //	Nkx2-9	1.05632E-08	2.20669	Week 2 up vs Week 1
10560785	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2034	V1rd21	0.000012167	2.20691	Week 2 up vs Week 1
10605338	NM_008062 // G6pdx // glucose-6-phosphate dehydrogenase X-linked // X A2-A3|X 30	G6pdx	4.42008E-05	2.20693	Week 2 up vs Week 1
10516765	NM_172702 // Serinc2 // serine incorporator 2 // 4 D2.2 // 230779 /// BC031720 /	Serinc2	5.32433E-06	2.20694	Week 2 up vs Week 1
10605571	NM_212444 // Gyk // glycerol kinase // X C-D|X 33.0 cM // 14933 /// NM_008194 //	Gyk	0.000464475	2.20826	Week 2 up vs Week 1
10543859	NM_009658 // Akr1b3 // aldo-keto reductase family 1, member B3 (aldose reductase	Akr1b3	5.53509E-06	2.20872	Week 2 up vs Week 1
10354768	NM_009658 // Akr1b3 // aldo-keto reductase family 1, member B3 (aldose reductase	Akr1b3	5.83003E-06	2.20934	Week 2 up vs Week 1
10582556	---		8.37642E-07	2.21021	Week 2 up vs Week 1
10582558	---		8.37642E-07	2.21021	Week 2 up vs Week 1
10582564	---		8.37642E-07	2.21021	Week 2 up vs Week 1
10582568	---		8.37642E-07	2.21021	Week 2 up vs Week 1
10582574	---		8.37642E-07	2.21021	Week 2 up vs Week 1
10582578	---		8.37642E-07	2.21021	Week 2 up vs Week 1
10342625	---		6.13572E-05	2.21029	Week 2 up vs Week 1
10450900	NM_146632 // Olfr116 // olfactory receptor 116 // 17 B1 // 258625 /// ENSMUST000	Olfr116	2.01865E-07	2.21048	Week 2 up vs Week 1
10366038	NM_015737 // Galnt4 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylga	Galnt4	0.000147834	2.21179	Week 2 up vs Week 1
10583324	---		1.11769E-08	2.2118	Week 2 up vs Week 1
10599673	BC145074 // 4930527E24Rik // RIKEN cDNA 4930527E24 gene // X A5 // 75140 /// ENS	4930527E24Rik	0.000183417	2.21287	Week 2 up vs Week 1
10573288	NM_028877 // 4432412L15Rik // RIKEN cDNA 4432412L15 gene // 8 C3 // 74337 /// EN	4432412L15Rik	2.8836E-11	2.21332	Week 2 up vs Week 1
10535900	---		3.03201E-06	2.21365	Week 2 up vs Week 1
10539186	NM_011259 // Reg3a // regenerating islet-derived 3 alpha // 6 C3|6 33.5 cM // 19	Reg3a	2.06494E-10	2.21417	Week 2 up vs Week 1
10405885	---		8.99418E-07	2.21503	Week 2 up vs Week 1
10340869	---		4.1361E-08	2.2162	Week 2 up vs Week 1
10432734	BC118024 // 4732456N10Rik // RIKEN cDNA 4732456N10 gene // 15 F2 // 239673 /// N	4732456N10Rik	0.000153449	2.21633	Week 2 up vs Week 1
10414218	NM_029131 // 4930503E14Rik // RIKEN cDNA 4930503E14 gene // 14 C1 // 74954 /// N	4930503E14Rik	3.39296E-08	2.21664	Week 2 up vs Week 1
10507011	NM_172296 // Dmrta2 // doublesex and mab-3 related transcription factor like fam	Dmrta2	6.74522E-10	2.21683	Week 2 up vs Week 1
10493995	NM_009112 // S100a10 // S100 calcium binding protein A10 (calpactin) // 3 F1-F2|	S100a10	2.63808E-06	2.21828	Week 2 up vs Week 1
10459703	---		2.133E-12	2.21885	Week 2 up vs Week 1
10559673	NM_029384 // 2210411K11Rik // RIKEN cDNA 2210411K11 gene // 7 A1 // 664968 /// E	2210411K11Rik	7.3343E-11	2.21986	Week 2 up vs Week 1
10339643	---		3.27056E-07	2.22049	Week 2 up vs Week 1
10443408	NM_011950 // Mapk13 // mitogen-activated protein kinase 13 // 17 A3-B // 26415 /	Mapk13	1.62693E-06	2.22279	Week 2 up vs Week 1
10363090	NM_001159389 // Rfx6 // regulatory factor X, 6 // 10 B3 // 320995 /// NM_177306	Rfx6	6.521E-12	2.22307	Week 2 up vs Week 1
10341155	---		1.76766E-08	2.22316	Week 2 up vs Week 1
10558659	NM_146934 // Olfr46 // olfactory receptor 46 // 7 F5 // 18345 /// ENSMUST0000007	Olfr46	5.58645E-08	2.2234	Week 2 up vs Week 1
10427814	NM_025673 // Golph3 // golgi phosphoprotein 3 // 15 A1 // 66629 /// ENSMUST00000	Golph3	1.03868E-09	2.22423	Week 2 up vs Week 1
10338040	---		8.9475E-11	2.22504	Week 2 up vs Week 1
10340700	---		6.34405E-07	2.22596	Week 2 up vs Week 1
10398885	NM_001024602 // AW555464 // expressed sequence AW555464 // 12 F1|12 52.67 cM //	AW555464	5.01204E-08	2.2268	Week 2 up vs Week 1
10343797	---		1.2142E-06	2.22807	Week 2 up vs Week 1
10344096	---		0.0135095	2.22917	Week 2 up vs Week 1
10492983	NM_183222 // Fcrl5 // Fc receptor-like 5 // 3 F1 // 329693 /// NM_001113238 // F	Fcrl5	4.30115E-10	2.22921	Week 2 up vs Week 1
10451641	NM_177824 // 9830107B12Rik // RIKEN cDNA 9830107B12 gene // 17 C // 328829 /// E	9830107B12Rik	2.87533E-07	2.2294	Week 2 up vs Week 1
10530998	NM_178730 // Tmprss11f // transmembrane protease, serine 11f // 5 E1 // 243083 /	Tmprss11f	0.000628881	2.23163	Week 2 up vs Week 1
10340601	---		3.80063E-07	2.23179	Week 2 up vs Week 1
10408146	NM_134218 // V1rh9 // vomeronasal 1 receptor, H9 // 13 A3.1 // 171252 /// ENSMUS	V1rh9	8.27823E-07	2.2321	Week 2 up vs Week 1
10338662	---		1.41523E-07	2.23282	Week 2 up vs Week 1
10560730	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2034	V1rd21	1.45658E-05	2.23301	Week 2 up vs Week 1
10560783	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_0307	V1rd21	1.45658E-05	2.23301	Week 2 up vs Week 1
10340452	---		1.99153E-06	2.23306	Week 2 up vs Week 1
10402266	---		1.63578E-09	2.23322	Week 2 up vs Week 1
10355914	---		2.5383E-11	2.23359	Week 2 up vs Week 1
10366593	---		8.19356E-07	2.23416	Week 2 up vs Week 1
10521585	---		1.61362E-08	2.23431	Week 2 up vs Week 1
10423654	NM_054049 // Osr2 // odd-skipped related 2 (Drosophila) // 15 B3.1|15 14.0 cM //	Osr2	8.48475E-05	2.23515	Week 2 up vs Week 1
10543895	BC075651 // 2010107G12Rik // RIKEN cDNA 2010107G12 gene // 6 B1 // 243753 /// EN	2010107G12Rik	5.4369E-07	2.23519	Week 2 up vs Week 1
10513514	NM_008649 // Mup5 // major urinary protein 5 // 4 B3 // 17844 /// ENSMUST0000008	Mup5	3.41623E-08	2.23579	Week 2 up vs Week 1

10606783	NM_031390 // Pramel3 // preferentially expressed antigen in melanoma-like 3 // X	Pramel3	7.12065E-07	2.23671	Week 2 up vs Week 1
10339979	---		6.14677E-07	2.23767	Week 2 up vs Week 1
10340604	---		1.95532E-06	2.23796	Week 2 up vs Week 1
10340706	---		6.4549E-07	2.23916	Week 2 up vs Week 1
10601813	NM_177918 // AV320801 // expressed sequence AV320801 // X F1 // 331531 /// NM_03	AV320801	3.11128E-06	2.23919	Week 2 up vs Week 1
10562736	ENSMUST00000037220 // 1700028J19Rik // RIKEN cDNA 1700028J19 gene // 7 B4 // 700	1700028J19Rik	4.3956E-07	2.24077	Week 2 up vs Week 1
10400984	NM_178715 // Tmem30b // transmembrane protein 30B // 12 C3 // 238257 /// ENSMUST	Tmem30b	7.38013E-05	2.24148	Week 2 up vs Week 1
10559883	NM_009493 // Vmn2r42 // vomeronasal 2, receptor 42 // 7 A1|7 4.5 cM // 22310 ///	Vmn2r42	2.40634E-05	2.24403	Week 2 up vs Week 1
10567460	XM_355934 // Dnahc3 // dynein, axonemal, heavy chain 3 // 7 F2 // 381917	Dnahc3	2.59808E-10	2.24418	Week 2 up vs Week 1
10404783	NM_010104 // Edn1 // endothelin 1 // 13 A4|13 26.0 cM // 13614 /// ENSMUST000000	Edn1	3.41236E-10	2.24481	Week 2 up vs Week 1
10482059	NM_010283 // Ggta1 // glycoprotein galactosyltransferase alpha 1, 3 // 2 B|2 25.	Ggta1	6.01935E-10	2.24525	Week 2 up vs Week 1
10535683	NM_017396 // Cyp3a41a // cytochrome P450, family 3, subfamily a, polypeptide 41A	Cyp3a41a	2.57386E-07	2.24558	Week 2 up vs Week 1
10360522	NM_007422 // Adss // adenylosuccinate synthetase, non muscle // 1 H4 // 11566 //	Adss	2.67503E-05	2.24583	Week 2 up vs Week 1
10421737	NM_011613 // Tnfsf11 // tumor necrosis factor (ligand) superfamily, member 11 //	Tnfsf11	6.8008E-11	2.24678	Week 2 up vs Week 1
10486681	NM_028799 // Tgm5 // transglutaminase 5 // 2 E5 // 74176 /// ENSMUST00000028721	Tgm5	8.32476E-08	2.24728	Week 2 up vs Week 1
10464997	---		1.25583E-05	2.24841	Week 2 up vs Week 1
10340995	---		2.29989E-09	2.24857	Week 2 up vs Week 1
10491064	---		5.419E-12	2.25123	Week 2 up vs Week 1
10487577	NM_181589 // Ckap2l // cytoskeleton associated protein 2-like // 2 F1 // 70466 /	Ckap2l	2.27553E-05	2.2515	Week 2 up vs Week 1
10546098	NM_019964 // Dnajb8 // DnaJ (Hsp40) homolog, subfamily B, member 8 // 6 D2|6 38.	Dnajb8	8.19159E-10	2.25213	Week 2 up vs Week 1
10387648	NM_001033433 // Tmem102 // transmembrane protein 102 // 11 B3 // 380705 /// NR_0	Tmem102	2.68391E-08	2.25273	Week 2 up vs Week 1
10533213	NM_145226 // Oas3 // 2'-5' oligoadenylate synthetase 3 // 5 F|5 67.1 cM // 24672	Oas3	0.000116375	2.25342	Week 2 up vs Week 1
10411680	NM_001038602 // Marveld2 // MARVEL (membrane-associating) domain containing 2 //	Marveld2	3.95388E-08	2.25349	Week 2 up vs Week 1
10603087	NM_027153 // Pir // pirin // X F5 // 69656 /// ENSMUST00000033749 // Pir // piri	Pir	7.32003E-07	2.25353	Week 2 up vs Week 1
10471597	XM_887818 // Gm6422 // predicted gene 6422 // 2 B // 623370	Gm6422	1.1706E-11	2.2537	Week 2 up vs Week 1
10417000	---		8.18331E-09	2.2553	Week 2 up vs Week 1
10390640	NM_011771 // Ikzf3 // IKAROS family zinc finger 3 // 11 D // 22780 /// ENSMUST00	Ikzf3	4.20801E-10	2.25576	Week 2 up vs Week 1
10456246	XR_034153 // LOC638407 // similar to 40S ribosomal protein S15 (RIG protein) //	LOC638407	1.39657E-07	2.25583	Week 2 up vs Week 1
10550770	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// BC11587	V1rd21	1.03034E-05	2.25616	Week 2 up vs Week 1
10447729	U44941 // Qk // quaking // 17 A1|17 5.9 cM // 19317 /// ENSMUST00000053066 // Qk	Qk	6.1158E-11	2.25752	Week 2 up vs Week 1
10344557	---		6.90459E-06	2.25815	Week 2 up vs Week 1
10412663	XR_033177 // Gm8429 // predicted gene 8429 // 14 A1 // 667030	Gm8429	1.63444E-08	2.26111	Week 2 up vs Week 1
10358038	NM_145417 // Rnpep // arginyl aminopeptidase (aminopeptidase B) // 1 E4 // 21561	Rnpep	4.95429E-05	2.26137	Week 2 up vs Week 1
10339350	---		3.3916E-10	2.26141	Week 2 up vs Week 1
10343743	---		1.43767E-06	2.26179	Week 2 up vs Week 1
10409170	NM_015759 // Fgd3 // FYVE, RhoGEF and PH domain containing 3 // 13 A5|13 31.0 cM	Fgd3	1.23304E-06	2.26189	Week 2 up vs Week 1
10595169	---		7.61043E-08	2.26207	Week 2 up vs Week 1
10559901	NM_009493 // Vmn2r42 // vomeronasal 2, receptor 42 // 7 A1|7 4.5 cM // 22310 ///	Vmn2r42	2.08202E-05	2.26217	Week 2 up vs Week 1
10587637	NM_023814 // Tbx18 // T-box18 // 9 E3.2|9 48.5 cM // 76365 /// ENSMUST0000003499	Tbx18	5.1261E-11	2.26313	Week 2 up vs Week 1
10461808	NM_001011842 // Olfr1474 // olfactory receptor 1474 // 19 A // 258123 /// ENSMUS	Olfr1474	4.5984E-11	2.26316	Week 2 up vs Week 1
10341627	---		0.000228797	2.26339	Week 2 up vs Week 1
10344299	---		5.03779E-06	2.26351	Week 2 up vs Week 1
10396800	ENSMUST00000039928 // Plekhh1 // pleckstrin homology domain containing, family H	Plekhh1	1.53328E-07	2.26565	Week 2 up vs Week 1
10579987	NM_001039137 // Scoc // short coiled-coil protein // 8 C2 // 56367 /// NM_019708	Scoc	1.7194E-08	2.26592	Week 2 up vs Week 1
10394827	---		1.3014E-11	2.26665	Week 2 up vs Week 1
10394940	---		1.3014E-11	2.26665	Week 2 up vs Week 1
10399655	---		1.3014E-11	2.26665	Week 2 up vs Week 1
10399659	---		1.3014E-11	2.26665	Week 2 up vs Week 1
10559931	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	0.000045966	2.26666	Week 2 up vs Week 1
10541184	---		1.17797E-07	2.2706	Week 2 up vs Week 1
10560740	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// BC15440	V1rd21	8.33408E-06	2.27319	Week 2 up vs Week 1
10560787	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// BC15440	V1rd21	8.33408E-06	2.27319	Week 2 up vs Week 1
10560728	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20754	V1rd14	9.05147E-06	2.2733	Week 2 up vs Week 1
10560732	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2075	V1rd21	7.05021E-06	2.27406	Week 2 up vs Week 1
10380629	NM_010461 // Hoxb8 // homeo box B8 // 11 D|11 56.01 cM // 15416 /// ENSMUST00000	Hoxb8	1.844E-12	2.27473	Week 2 up vs Week 1
10475324	NM_009897 // Ckmt1 // creatine kinase, mitochondrial 1, ubiquitous // 2 F1-F3|2	Ckmt1	0.000172016	2.27637	Week 2 up vs Week 1
10438753	NM_173379 // Leprel1 // leprecan-like 1 // 16 B1 // 210530 /// ENSMUST0000003999	Leprel1	2.07207E-08	2.27753	Week 2 up vs Week 1
10564417	NM_053080 // Aldh1a3 // aldehyde dehydrogenase family 1, subfamily A3 // 7 C //	Aldh1a3	9.01727E-05	2.28022	Week 2 up vs Week 1
10399640	ENSMUST00000102503 // Mrto4 // MRT4, mRNA turnover 4, homolog (S. cerevisiae) //	Mrto4	1.91604E-10	2.28573	Week 2 up vs Week 1
10410216	---		8.81603E-08	2.28648	Week 2 up vs Week 1
10552156	NM_027897 // Rhpn2 // rhophilin, Rho GTPase binding protein 2 // 7 B1-B2|7 11.0	Rhpn2	6.84691E-05	2.28715	Week 2 up vs Week 1
10561712	NM_011464 // Spint2 // serine protease inhibitor, Kunitz type 2 // 7 B1 // 20733	Spint2	2.72732E-05	2.28741	Week 2 up vs Week 1
10513943	ENSMUST00000102837 // Rasef // RAS and EF hand domain containing // 4 C3 // 2425	Rasef	9.1653E-11	2.28797	Week 2 up vs Week 1
10338563	---		1.21768E-05	2.28988	Week 2 up vs Week 1
10342744	---		2.22665E-08	2.28993	Week 2 up vs Week 1

10602367	NM_011022 // Ott // ovary testis transcribed // X 62.5 cM // 18422 /// NM_001122	Ott	4.203E-08	2.29142	Week 2 up vs Week 1
10405879	NM_001102602 // Vmn2r85 // vomeronasal 2, receptor 85 // 10 D3 // 623734 /// NM_	Vmn2r85	7.04155E-08	2.29224	Week 2 up vs Week 1
10547056	NM_144805 // Tmem40 // transmembrane protein 40 // 6 E3 // 94346 /// ENSMUST0000	Tmem40	4.02668E-07	2.29305	Week 2 up vs Week 1
10578401	NM_009556 // Zfp42 // zinc finger protein 42 // 8 A4|8 24.0 cM // 22702 /// ENSM	Zfp42	3.57409E-08	2.29416	Week 2 up vs Week 1
10502791	NM_133871 // Ifi44 // interferon-induced protein 44 // 3 H3 // 99899 /// ENSMUST	Ifi44	0.010351	2.29462	Week 2 up vs Week 1
10338156	---		2.83004E-06	2.29497	Week 2 up vs Week 1
10385236	NM_009658 // Akr1b3 // aldo-keto reductase family 1, member B3 (aldose reductase	Akr1b3	1.86829E-07	2.2959	Week 2 up vs Week 1
10342401	---		3.09141E-05	2.2964	Week 2 up vs Week 1
10571741	---		1.1013E-11	2.29678	Week 2 up vs Week 1
10478997	NM_009335 // Tcfap2c // transcription factor AP-2, gamma // 2 H3-H4 // 21420 ///	Tcfap2c	1.64347E-06	2.29684	Week 2 up vs Week 1
10597266	NM_001146060 // Als2cl // ALS2 C-terminal like // 9 F3|9 64.01 cM // 235633 ///	Als2cl	3.915E-11	2.298	Week 2 up vs Week 1
10342576	---		3.53284E-06	2.29857	Week 2 up vs Week 1
10420957	NM_001162365 // Ptk2b // PTK2 protein tyrosine kinase 2 beta // 14 D1|14 28.0 cM	Ptk2b	4.74014E-07	2.29969	Week 2 up vs Week 1
10408074	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_153	Hist1h4b	1.0791E-06	2.30025	Week 2 up vs Week 1
10379765	NM_009330 // Hnf1b // HNF1 homeobox B // 11 C|11 44.0 cM // 21410 /// ENSMUST000	Hnf1b	1.41E-13	2.30092	Week 2 up vs Week 1
10580282	NM_008416 // Junb // Jun-B oncogene // 8 C2-D1|8 38.6 cM // 16477 /// ENSMUST000	Junb	3.45025E-10	2.30326	Week 2 up vs Week 1
10343282	---		4.62627E-07	2.30409	Week 2 up vs Week 1
10340144	---		5.2788E-09	2.30499	Week 2 up vs Week 1
10422280	NM_001033336 // Abcc4 // ATP-binding cassette, sub-family C (CFTR/MRP), member 4	Abcc4	2.35846E-09	2.30562	Week 2 up vs Week 1
10343141	---		0.000182888	2.30772	Week 2 up vs Week 1
10598053	---		0.00104426	2.30826	Week 2 up vs Week 1
10569923	NM_028175 // Lrrc8e // leucine rich repeat containing 8 family, member E // 8 A1	Lrrc8e	5.283E-12	2.31159	Week 2 up vs Week 1
10565775	NM_026384 // Dgat2 // diacylglycerol O-acyltransferase 2 // 7 F1 // 67800 /// EN	Dgat2	1.39874E-06	2.31227	Week 2 up vs Week 1
10578952	ENSMUST00000098713 // BC030870 // cDNA sequence BC030870 // --- // 407795	BC030870	4.59006E-06	2.31271	Week 2 up vs Week 1
10607865	NM_021278 // Tmsb4x // thymosin, beta 4, X chromosome // X F5|X 72.5 cM // 19241	Tmsb4x	1.5203E-06	2.31359	Week 2 up vs Week 1
10608686	---		9.34E-13	2.31414	Week 2 up vs Week 1
10535669	NM_017396 // Cyp3a41a // cytochrome P450, family 3, subfamily a, polypeptide 41A	Cyp3a41a	8.54488E-08	2.32027	Week 2 up vs Week 1
10338859	---		6.50362E-05	2.3211	Week 2 up vs Week 1
10548875	NM_026639 // Art4 // ADP-ribosyltransferase 4 // 6 G1|6 66.5 cM // 109978 /// EN	Art4	1.68975E-10	2.32432	Week 2 up vs Week 1
10342110	---		1.36123E-05	2.3253	Week 2 up vs Week 1
10440134	NM_147001 // Olfr172 // olfactory receptor 172 // --- // 259003 /// ENSMUST00000	Olfr172	9.75106E-05	2.32598	Week 2 up vs Week 1
10566666	---		3.22517E-06	2.32768	Week 2 up vs Week 1
10405872	AY149175 // Zfp640 // zinc finger protein 640 // 13 B3|13 // 386626 /// ENSMUST0	Zfp640	7.3976E-11	2.33276	Week 2 up vs Week 1
10344101	---		0.028567	2.33464	Week 2 up vs Week 1
10484482	NM_199223 // Rtn4rl2 // reticulon 4 receptor-like 2 // 2 D // 269295 /// ENSMUST	Rtn4rl2	3.40463E-09	2.33669	Week 2 up vs Week 1
10339484	---		1.87554E-07	2.33793	Week 2 up vs Week 1
10339292	---		2.24037E-06	2.33876	Week 2 up vs Week 1
10494001	NM_207272 // Tdpoz4 // TD and POZ domain containing 4 // 3 F2.1 // 399675 /// EN	Tdpoz4	1.32973E-06	2.33893	Week 2 up vs Week 1
10488256	NM_026924 // Ovol2 // ovo-like 2 (Drosophila) // 2 H1 // 107586 /// NM_152947 //	Ovol2	3.635E-12	2.33939	Week 2 up vs Week 1
10607560	---		2.07298E-10	2.34029	Week 2 up vs Week 1
10509965	NM_010139 // Epha2 // Eph receptor A2 // 4 D-E|4 73.2 cM // 13836 /// ENSMUST000	Epha2	2.07539E-06	2.34054	Week 2 up vs Week 1
10340479	---		6.65164E-07	2.341	Week 2 up vs Week 1
10550760	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20686	V1rd14	1.35759E-05	2.34172	Week 2 up vs Week 1
10577359	NM_153108 // Defb8 // defensin beta 8 // 8 A1.3 // 244334 /// ENSMUST00000033854	Defb8	2.52073E-06	2.3424	Week 2 up vs Week 1
10608666	---		9.64022E-08	2.34282	Week 2 up vs Week 1
10603005	XR_033102 // LOC676160 // similar to thyroid hormone receptor associated protein	LOC676160	1.0138E-06	2.34325	Week 2 up vs Week 1
10420470	XR_004746 // Gm9022 // glyceraldehyde-3-phosphate dehydrogenase pseudogene // 14	Gm9022	2.54948E-07	2.34404	Week 2 up vs Week 1
10346114	---		2.57889E-09	2.34409	Week 2 up vs Week 1
10385709	NM_145974 // C330016O10Rik // RIKEN cDNA C330016O10 gene // 11 B1.3 // 212706 //	C330016O10Rik	8.62218E-08	2.34552	Week 2 up vs Week 1
10538636	NM_053232 // V1rc2 // vomeronasal 1 receptor, C2 // 6 B3 // 113859 /// ENSMUST00	V1rc2	6.8E-14	2.34627	Week 2 up vs Week 1
10339045	---		2.4473E-07	2.34653	Week 2 up vs Week 1
10419162	NM_029131 // 4930503E14Rik // RIKEN cDNA 4930503E14 gene // 14 C1 // 74954 /// N	4930503E14Rik	6.71851E-09	2.34739	Week 2 up vs Week 1
10342555	---		6.61468E-08	2.34765	Week 2 up vs Week 1
10512766	NM_029077 // Trim14 // tripartite motif-containing 14 // 4 B2 // 74735 /// ENSMU	Trim14	2.87679E-08	2.348	Week 2 up vs Week 1
10339834	---		0.0013132	2.34985	Week 2 up vs Week 1
10516487	NM_008127 // Gjb4 // gap junction protein, beta 4 // 4 D1-D3|4 57.5 cM // 14621	Gjb4	1.76642E-09	2.35043	Week 2 up vs Week 1
10599084	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000268279	2.35181	Week 2 up vs Week 1
10338456	---		2.08738E-05	2.35221	Week 2 up vs Week 1
10591781	NM_028390 // Anln // anillin, actin binding protein // 9 A4 // 68743 /// ENSMUST	Anln	0.000478092	2.3526	Week 2 up vs Week 1
10390979	NM_010659 // Krt31 // keratin 31 // 11 D|11 58.3 cM // 16660 /// ENSMUST00000007	Krt31	2.59333E-10	2.35596	Week 2 up vs Week 1
10550978	NM_001102613 // Phldb3 // pleckstrin homology-like domain, family B, member 3 //	Phldb3	7.32418E-09	2.356	Week 2 up vs Week 1
10556037	NM_147033 // Olfr714 // olfactory receptor 714 // --- // 259035 /// NM_147033 //	Olfr714	1.5454E-09	2.35609	Week 2 up vs Week 1
10586744	NM_007585 // Anxa2 // annexin A2 // 9 C|9 37.0 cM // 12306 /// ENSMUST0000003475	Anxa2	1.52546E-06	2.3588	Week 2 up vs Week 1
10399202	ENSMUST00000048880 // Macc1 // metastasis associated in colon cancer 1 // 12 F2	Macc1	0.000160804	2.35887	Week 2 up vs Week 1
10594251	NM_024245 // Kif23 // kinesin family member 23 // 9 B // 71819 /// ENSMUST000000	Kif23	0.000276355	2.36094	Week 2 up vs Week 1

10404359	NM_153546 // Mboat1 // membrane bound O-acyltransferase domain containing 1 // 1	Mboat1	4.72669E-06	2.36117	Week 2 up vs Week 1
10440643	NM_181490 // Cldn17 // claudin 17 // 16 C3.3 // 239931 /// ENSMUST00000069549 //	Cldn17	5.94784E-05	2.36184	Week 2 up vs Week 1
10575926	NM_026922 // Atp2c2 // ATPase, Ca++ transporting, type 2C, member 2 // 8 E1 // 6	Atp2c2	1.40997E-08	2.36499	Week 2 up vs Week 1
10437239	---		1.79674E-08	2.36586	Week 2 up vs Week 1
10457860	---		5.63571E-10	2.36595	Week 2 up vs Week 1
10551197	NM_009999 // Cyp2b10 // cytochrome P450, family 2, subfamily b, polypeptide 10 /	Cyp2b10	7.594E-11	2.36684	Week 2 up vs Week 1
10507551	BC022764 // 2610528J11Rik // RIKEN cDNA 2610528J11 gene // 4 D1 // 66451 /// ENS	2610528J11Rik	2.50771E-06	2.36731	Week 2 up vs Week 1
10340940	---		4.7589E-07	2.36825	Week 2 up vs Week 1
10363545	NM_009719 // Neurog3 // neurogenin 3 // 10 B4 // 11925 /// ENSMUST00000050103 //	Neurog3	1.1969E-10	2.3716	Week 2 up vs Week 1
10460255	AK081788 // 1700055N04Rik // RIKEN cDNA 1700055N04 gene // 19 A // 73458 /// XM_	1700055N04Rik	1.33311E-07	2.37251	Week 2 up vs Week 1
10354418	NM_028696 // Obfc2a // oligonucleotide/oligosaccharide-binding fold containing 2	Obfc2a	1.18401E-05	2.37294	Week 2 up vs Week 1
10355456	NM_001005423 // Mreg // melanoregulin // 1 C3 // 381269 /// ENSMUST00000048860 /	Mreg	1.48225E-05	2.37348	Week 2 up vs Week 1
10411804	ENSMUST00000099202 // Mast4 // microtubule associated serine/threonine kinase fa	Mast4	6.31062E-08	2.37416	Week 2 up vs Week 1
10508829	NM_016693 // Map3k6 // mitogen-activated protein kinase kinase kinase 6 // 4 D2.	Map3k6	2.65943E-09	2.37482	Week 2 up vs Week 1
10450982	BC089564 // Gpr115 // G protein-coupled receptor 115 // 17 B3 // 78249 /// BC140	Gpr115	3.14305E-06	2.37539	Week 2 up vs Week 1
10474793	NM_001033254 // Pak6 // p21 protein (Cdc42/Rac)-activated kinase 6 // 2 E5 // 21	Pak6	4.48207E-07	2.37571	Week 2 up vs Week 1
10582918	---		6.76025E-05	2.37802	Week 2 up vs Week 1
10352150	---		1.43926E-08	2.37882	Week 2 up vs Week 1
10560752	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	1.13559E-05	2.3796	Week 2 up vs Week 1
10551282	XR_033870 // LOC100047728 // similar to Cytochrome P450 2A5 (CYPIIA5) (Coumarin	LOC100047728	0.000919448	2.38078	Week 2 up vs Week 1
10530029	NM_144945 // Lgi2 // leucine-rich repeat LGI family, member 2 // 5 C1 // 246316	Lgi2	6.73155E-07	2.38189	Week 2 up vs Week 1
10410252	---		8.81374E-09	2.38244	Week 2 up vs Week 1
10343649	---		0.000115045	2.38273	Week 2 up vs Week 1
10601790	NM_031390 // Pramel3 // preferentially expressed antigen in melanoma-like 3 // X	Pramel3	1.32624E-06	2.38449	Week 2 up vs Week 1
10561128	NM_028775 // Cyp2s1 // cytochrome P450, family 2, subfamily s, polypeptide 1 //	Cyp2s1	3.92351E-07	2.38601	Week 2 up vs Week 1
10340560	---		0.00331907	2.38628	Week 2 up vs Week 1
10338045	---		1.05782E-07	2.38658	Week 2 up vs Week 1
10445143	NM_146288 // Olfr122 // olfactory receptor 122 // 17 B1 // 258285 /// ENSMUST000	Olfr122	5.87763E-09	2.3884	Week 2 up vs Week 1
10338253	---		4.62312E-06	2.3885	Week 2 up vs Week 1
10361021	---		1.22789E-10	2.38889	Week 2 up vs Week 1
10338028	---		5.4875E-11	2.39016	Week 2 up vs Week 1
10338029	---		1.31215E-05	2.39065	Week 2 up vs Week 1
10574511	ENSMUST00000059449 // BC015286 // cDNA sequence BC015286 // 8 D3 // 234669 /// B	BC015286	1.2E-12	2.39349	Week 2 up vs Week 1
10454172	NM_007883 // Dsg2 // desmoglein 2 // 18 A2|18 7.05 cM // 13511 /// ENSMUST000000	Dsg2	0.000111628	2.39384	Week 2 up vs Week 1
10414790	---		1.42205E-10	2.3947	Week 2 up vs Week 1
10414900	---		1.42205E-10	2.3947	Week 2 up vs Week 1
10499545	NM_010108 // Efna3 // ephrin A3 // 3 F1|3 48.0 cM // 13638 /// ENSMUST0000002967	Efna3	1.09914E-06	2.39472	Week 2 up vs Week 1
10601044	NM_023608 // Gdpd2 // glycerophosphodiester phosphodiesterase domain containing	Gdpd2	4.04174E-07	2.39646	Week 2 up vs Week 1
10464754	NM_007485 // Rhod // ras homolog gene family, member D // 19 A // 11854 /// ENSM	Rhod	7.44247E-06	2.39714	Week 2 up vs Week 1
10544108	NM_001033171 // Klrg2 // killer cell lectin-like receptor subfamily G, member 2	Klrg2	2.50982E-06	2.39732	Week 2 up vs Week 1
10542665	NM_009908 // Cmas // cytidine monophospho-N-acetylneuraminic acid synthetase //	Cmas	3.06771E-06	2.40102	Week 2 up vs Week 1
10533246	NM_011852 // Oas1g // 2'-5' oligoadenylate synthetase 1G // 5 F|5 67.0 cM // 239	Oas1g	3.33292E-06	2.40141	Week 2 up vs Week 1
10408529	---		3.36936E-09	2.40172	Week 2 up vs Week 1
10361708	---		2.70112E-09	2.40219	Week 2 up vs Week 1
10391895	NM_133715 // Arhgap27 // Rho GTPase activating protein 27 // 11 E1 // 544817 ///	Arhgap27	2.19072E-07	2.40247	Week 2 up vs Week 1
10596027	NM_001033543 // Il20rb // interleukin 20 receptor beta // 9 E3.3 // 213208 /// E	Il20rb	4.71619E-09	2.40377	Week 2 up vs Week 1
10406519	NM_013500 // Hapln1 // hyaluronan and proteoglycan link protein 1 // 13 C3 // 12	Hapln1	1.7755E-11	2.40533	Week 2 up vs Week 1
10343038	---		2.47502E-06	2.40872	Week 2 up vs Week 1
10566690	NM_146310 // Olfr493 // olfactory receptor 493 // --- // 258307 /// ENSMUST00000	Olfr493	4.5191E-11	2.40891	Week 2 up vs Week 1
10569102	NM_016850 // Irf7 // interferon regulatory factor 7 // 7 F5 // 54123 /// ENSMUST	Irf7	0.000100485	2.41157	Week 2 up vs Week 1
10404063	NM_175660 // Hist1h2ab // histone cluster 1, H2ab // --- // 319172 /// BC117110	Hist1h2ab	8.66628E-06	2.4116	Week 2 up vs Week 1
10598227	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000250634	2.41177	Week 2 up vs Week 1
10342351	---		9.97282E-05	2.41235	Week 2 up vs Week 1
10361133	---		4.93319E-10	2.4131	Week 2 up vs Week 1
10432032	NM_009504 // Vdr // vitamin D receptor // 15 F1 // 22337 /// ENSMUST00000023119	Vdr	4.85283E-08	2.41376	Week 2 up vs Week 1
10464999	NM_028623 // Cst6 // cystatin E/M // 19 A|19 4.0 cM // 73720 /// ENSMUST00000025	Cst6	2.57539E-10	2.4155	Week 2 up vs Week 1
10338042	---		1.9183E-06	2.41599	Week 2 up vs Week 1
10339568	---		4.24261E-10	2.41697	Week 2 up vs Week 1
10352192	NM_026375 // Ahctf1 // AT hook containing transcription factor 1 // 1 H4|1 102.0	Ahctf1	1.5778E-11	2.41883	Week 2 up vs Week 1
10601797	NM_183320 // Gm5128 // predicted gene 5128 // X F1|X // 331529 /// NM_031390 //	Gm5128	4.90663E-07	2.42379	Week 2 up vs Week 1
10601805	NM_183320 // Gm5128 // predicted gene 5128 // X F1|X // 331529 /// NM_031390 //	Gm5128	4.90663E-07	2.42379	Week 2 up vs Week 1
10560780	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2075	V1rd21	4.39743E-06	2.42437	Week 2 up vs Week 1
10493798	NM_026416 // S100a16 // S100 calcium binding protein A16 // 3 F1-F2 // 67860 ///	S100a16	7.75705E-06	2.42523	Week 2 up vs Week 1
10403957	NM_175657 // Hist1h4m // histone cluster 1, H4m // 13 A3.1 // 319161 /// NM_1781	Hist1h4m	4.43804E-07	2.42766	Week 2 up vs Week 1
10408092	NM_175657 // Hist1h4m // histone cluster 1, H4m // 13 A3.1 // 319161 /// NM_1781	Hist1h4m	4.43804E-07	2.42766	Week 2 up vs Week 1

10444258	NM_010724 // Psmb8 // proteasome (prosome, macropain) subunit, beta type 8 (larg	Psmb8	2.26893E-08	2.42881	Week 2 up vs Week 1
10342868	---		0.000557513	2.43007	Week 2 up vs Week 1
10383289	NM_130862 // Baiap2 // brain-specific angiogenesis inhibitor 1-associated protei	Baiap2	6.76392E-08	2.43015	Week 2 up vs Week 1
10471535	NM_146119 // Fam129b // family with sequence similarity 129, member B // 2 B //	Fam129b	2.03526E-06	2.43207	Week 2 up vs Week 1
10529285	---		8.7934E-11	2.43684	Week 2 up vs Week 1
10339203	---		1.99032E-07	2.43716	Week 2 up vs Week 1
10515797	NM_172383 // Tmem125 // transmembrane protein 125 // 4 D2.1 // 230678 /// ENSMUS	Tmem125	3.04407E-09	2.43948	Week 2 up vs Week 1
10523168	NM_053087 // Epgn // epithelial mitogen // 5 E2 // 71920 /// ENSMUST00000041516	Epgn	3.90459E-05	2.44271	Week 2 up vs Week 1
10551226	NM_009997 // Cyp2a4 // cytochrome P450, family 2, subfamily a, polypeptide 4 //	Cyp2a4	0.00216162	2.44277	Week 2 up vs Week 1
10408121	XR_032696 // Gm11285 // predicted gene 11285 // 13 A3.1 // 665690	Gm11285	7.73059E-10	2.44329	Week 2 up vs Week 1
10580181	---		1.6293E-11	2.4439	Week 2 up vs Week 1
10344237	---		0.000309086	2.44435	Week 2 up vs Week 1
10343674	---		0.000082956	2.44465	Week 2 up vs Week 1
10482772	NM_001139509 // Nr4a2 // nuclear receptor subfamily 4, group A, member 2 // 2 C1	Nr4a2	2.7E-14	2.44467	Week 2 up vs Week 1
10427052	NM_033073 // Krt7 // keratin 7 // 15 F2|15 58.7 cM // 110310 /// ENSMUST00000068	Krt7	0.000735748	2.44472	Week 2 up vs Week 1
10566678	NM_001011810 // Olfr485 // olfactory receptor 485 // 7 E3 // 258041	Olfr485	8.48765E-08	2.4451	Week 2 up vs Week 1
10582896	---		4.68953E-06	2.44668	Week 2 up vs Week 1
10341245	---		4.04424E-07	2.44701	Week 2 up vs Week 1
10538275	NM_010903 // Nfe2l3 // nuclear factor, erythroid derived 2, like 3 // 6 B3|6 25.	Nfe2l3	8.35484E-08	2.45111	Week 2 up vs Week 1
10455395	NM_001081180 // Spink5 // serine peptidase inhibitor, Kazal type 5 // 18 B3|18 2	Spink5	0.000062443	2.45301	Week 2 up vs Week 1
10523563	NM_173370 // Cds1 // CDP-diacylglycerol synthase 1 // 5 E4 // 74596 /// ENSMUST0	Cds1	2.85905E-07	2.45344	Week 2 up vs Week 1
10340937	---		2.56784E-09	2.45467	Week 2 up vs Week 1
10350502	---		7.75009E-10	2.45639	Week 2 up vs Week 1
10460423	NM_021287 // Spnb3 // spectrin beta 3 // 19 A|19 0.0 cM // 20743 /// ENSMUST0000	Spnb3	8.52567E-06	2.45746	Week 2 up vs Week 1
10343400	---		4.70475E-09	2.45809	Week 2 up vs Week 1
10405566	NM_177809 // AU042651 // expressed sequence AU042651 // 13 B1 // 328258 /// ENSM	AU042651	1.30097E-07	2.4592	Week 2 up vs Week 1
10474341	ENSMUST00000099638 // Dcdc5 // doublecortin domain containing 5 // 2 E3 // 32948	Dcdc5	1.19251E-05	2.46065	Week 2 up vs Week 1
10357072	NM_009126 // Serpinb3a // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb3a	0.000233147	2.46076	Week 2 up vs Week 1
10580765	NM_026385 // Pllp // plasma membrane proteolipid // 8 C5 // 67801 /// ENSMUST000	Pllp	3.08291E-07	2.46091	Week 2 up vs Week 1
10466353	---		8.69997E-10	2.46176	Week 2 up vs Week 1
10338003	---		5.91943E-09	2.46264	Week 2 up vs Week 1
10345370	NM_011206 // Ptpn18 // protein tyrosine phosphatase, non-receptor type 18 // 1 B	Ptpn18	6.8E-14	2.46866	Week 2 up vs Week 1
10437639	NM_007929 // Emp2 // epithelial membrane protein 2 // 16 A1|16 2.4 cM // 13731 /	Emp2	7.00519E-10	2.47014	Week 2 up vs Week 1
10342425	---		1.86082E-07	2.47074	Week 2 up vs Week 1
10546807	---		1.6258E-08	2.47082	Week 2 up vs Week 1
10595671	---		5.77807E-07	2.47221	Week 2 up vs Week 1
10490080	NM_009996 // Cyp24a1 // cytochrome P450, family 24, subfamily a, polypeptide 1 /	Cyp24a1	0.000490143	2.47436	Week 2 up vs Week 1
10595953	NM_177775 // Esyt3 // extended synaptotagmin-like protein 3 // 9 E3.3|9 52.0 cM	Esyt3	7.18299E-09	2.47678	Week 2 up vs Week 1
10364324	---		1.6537E-09	2.47781	Week 2 up vs Week 1
10591494	NM_053190 // S1pr5 // sphingosine-1-phosphate receptor 5 // 9 A4 // 94226 /// EN	S1pr5	3.07274E-08	2.47814	Week 2 up vs Week 1
10452316	NM_009778 // C3 // complement component 3 // 17 E1-E3|17 34.3 cM // 12266 /// EN	C3	1.20495E-07	2.48217	Week 2 up vs Week 1
10537722	NM_175408 // Tmem139 // transmembrane protein 139 // 6 B2.1 // 109218 /// ENSMUS	Tmem139	4.58448E-10	2.48247	Week 2 up vs Week 1
10339937	---		8.29444E-08	2.48274	Week 2 up vs Week 1
10584382	NM_146336 // Olfr893 // olfactory receptor 893 // --- // 258333 /// ENSMUST00000	Olfr893	3.34126E-10	2.48355	Week 2 up vs Week 1
10400844	NM_133198 // Pygl // liver glycogen phosphorylase // 12 C2|12 30.0 cM // 110095	Pygl	0.000209263	2.48496	Week 2 up vs Week 1
10342738	---		3.619E-09	2.48778	Week 2 up vs Week 1
10343290	---		9.19854E-05	2.48844	Week 2 up vs Week 1
10456988	NM_053117 // Pard6g // par-6 partitioning defective 6 homolog gamma (C. elegans)	Pard6g	2.50946E-06	2.48957	Week 2 up vs Week 1
10458709	NM_001033280 // Gm94 // predicted gene 94 // 18 B3 // 225443 /// ENSMUST00000096	Gm94	0.000157519	2.4897	Week 2 up vs Week 1
10549873	---		9.53E-13	2.48994	Week 2 up vs Week 1
10338054	---		9.04E-11	2.49093	Week 2 up vs Week 1
10493803	NM_011310 // S100a3 // S100 calcium binding protein A3 // 3 F1-F2|3 43.6 cM // 2	S100a3	7.32411E-06	2.49127	Week 2 up vs Week 1
10338131	---		1.70632E-06	2.49308	Week 2 up vs Week 1
10340244	---		3.07138E-07	2.49602	Week 2 up vs Week 1
10376243	---		2.62412E-10	2.49636	Week 2 up vs Week 1
10339782	---		3.6892E-06	2.49867	Week 2 up vs Week 1
10479925	NM_001159657 // 5430407P10Rik // RIKEN cDNA 5430407P10 gene // 2 A1 // 227545 //	5430407P10Rik	2.95189E-08	2.49868	Week 2 up vs Week 1
10340072	---		2.67895E-05	2.49955	Week 2 up vs Week 1
10538413	NM_199143 // Znrf2 // zinc and ring finger 2 // 6 B3|6 26.0 cM // 387524 /// ENS	Znrf2	4.66379E-08	2.50475	Week 2 up vs Week 1
10442311	NM_153784 // Ccdc64b // coiled-coil domain containing 64B // 17 A3.3 // 212733 /	Ccdc64b	1.34572E-09	2.50599	Week 2 up vs Week 1
10341969	---		1.79956E-06	2.50719	Week 2 up vs Week 1
10484579	NM_207562 // Olfr1051 // olfactory receptor 1051 // 2 D // 404324 /// ENSMUST000	Olfr1051	8.3381E-11	2.50735	Week 2 up vs Week 1
10338036	---		8.32223E-06	2.50832	Week 2 up vs Week 1
10507473	---		1.31265E-10	2.51364	Week 2 up vs Week 1
10339533	---		5.038E-07	2.51589	Week 2 up vs Week 1

10588731	NM_009074 // Mst1r // macrophage stimulating 1 receptor (c-met-related tyrosine	Mst1r	5.82128E-07	2.51783	Week 2 up vs Week 1
10459618	---		1.57351E-09	2.52307	Week 2 up vs Week 1
10447725	U44941 // Qk // quaking // 17 A1|17 5.9 cM // 19317 /// ENSMUST00000053066 // Qk	Qk	1.21107E-09	2.52392	Week 2 up vs Week 1
10592938	NM_138951 // Ttc36 // tetratricopeptide repeat domain 36 // 9 A5.2 // 192653 ///	Ttc36	1.82439E-09	2.52992	Week 2 up vs Week 1
10338004	---		3.24505E-07	2.53073	Week 2 up vs Week 1
10338311	---		7.23988E-09	2.53163	Week 2 up vs Week 1
10443131	NM_080553 // Itpr3 // inositol 1,4,5-triphosphate receptor 3 // 17 A3.3|17 19.0	Itpr3	2.17616E-09	2.53499	Week 2 up vs Week 1
10431635	---		1.5507E-10	2.5366	Week 2 up vs Week 1
10376060	NM_008390 // Irf1 // interferon regulatory factor 1 // 11 B1.3|11 29.0 cM // 163	Irf1	1.21802E-05	2.53666	Week 2 up vs Week 1
10342018	---		1.95661E-05	2.54012	Week 2 up vs Week 1
10404402	NM_008239 // Foxq1 // forkhead box Q1 // 13 A3.2|13 17.0 cM // 15220 /// ENSMUST	Foxq1	1.21791E-07	2.5494	Week 2 up vs Week 1
10478114	NM_001145015 // Gm14203 // predicted gene 14203 // 2 H1 // 545481 /// ENSMUST000	Gm14203	1.28532E-09	2.5495	Week 2 up vs Week 1
10338688	---		3.17875E-09	2.55033	Week 2 up vs Week 1
10394936	---		1.30553E-08	2.55151	Week 2 up vs Week 1
10339217	---		3.63062E-10	2.55696	Week 2 up vs Week 1
10341838	---		3.7655E-06	2.55733	Week 2 up vs Week 1
10341421	---		2.70515E-09	2.55754	Week 2 up vs Week 1
10603242	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000307592	2.55793	Week 2 up vs Week 1
10338025	---		3.82842E-06	2.55829	Week 2 up vs Week 1
10518096	NM_177868 // Fhad1 // forkhead-associated (FHA) phosphopeptide binding domain 1	Fhad1	8.8901E-11	2.56075	Week 2 up vs Week 1
10494889	NM_177857 // Dennd2c // DENN/MADD domain containing 2C // 3 F2.2 // 329727 /// E	Dennd2c	1.32592E-06	2.5634	Week 2 up vs Week 1
10558580	NM_009482 // Utf1 // undifferentiated embryonic cell transcription factor 1 // 7	Utf1	6.2467E-11	2.5676	Week 2 up vs Week 1
10608693	---		3.06086E-07	2.56832	Week 2 up vs Week 1
10339043	---		0.000204148	2.57025	Week 2 up vs Week 1
10550972	NM_001102613 // Phldb3 // pleckstrin homology-like domain, family B, member 3 //	Phldb3	1.93952E-06	2.57131	Week 2 up vs Week 1
10411668	NM_008756 // Ocln // occludin // 13 D1|13 55.9 cM // 18260 /// ENSMUST0000006975	Ocln	1.14329E-08	2.57237	Week 2 up vs Week 1
10339363	---		4.43957E-06	2.57622	Week 2 up vs Week 1
10509267	NM_009523 // Wnt4 // wingless-related MMTV integration site 4 // 4 D3 // 22417 /	Wnt4	3.64528E-07	2.57905	Week 2 up vs Week 1
10548752	---		8.8662E-11	2.58403	Week 2 up vs Week 1
10344079	---		2.66025E-07	2.58536	Week 2 up vs Week 1
10542355	NM_010128 // Emp1 // epithelial membrane protein 1 // 6 G1|6 65.0 cM // 13730 //	Emp1	4.00732E-06	2.58869	Week 2 up vs Week 1
10559890	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	7.11702E-06	2.59381	Week 2 up vs Week 1
10530257	ENSMUST00000101177 // Gm5296 // predicted gene 5296 // 5 C3.1|5 // 384261	Gm5296	1.592E-11	2.59499	Week 2 up vs Week 1
10495147	NM_001093754 // Dennd2d // DENN/MADD domain containing 2D // 3 F2.3 // 72121 ///	Dennd2d	1.12495E-06	2.59636	Week 2 up vs Week 1
10466947	NM_001081213 // Ermp1 // endoplasmic reticulum metallopeptidase 1 // 19 C1|19 24	Ermp1	3.61982E-07	2.59773	Week 2 up vs Week 1
10338011	---		7.6571E-11	2.59782	Week 2 up vs Week 1
10520862	NM_008037 // Fosl2 // fos-like antigen 2 // 5 B1|5 18.1 cM // 14284 /// ENSMUST0	Fosl2	2.29051E-07	2.60346	Week 2 up vs Week 1
10352838	NM_008484 // Lamb3 // laminin, beta 3 // 1 H2-H6|1 104.0 cM // 16780 /// ENSMUST	Lamb3	1.85561E-07	2.60422	Week 2 up vs Week 1
10343730	---		3.74335E-05	2.60479	Week 2 up vs Week 1
10583732	NM_010700 // Ldlr // low density lipoprotein receptor // 9 A3|9 5.0 cM // 16835	Ldlr	2.30352E-05	2.60831	Week 2 up vs Week 1
10485405	NM_009851 // Cd44 // CD44 antigen // 2 E2|2 56.0 cM // 12505 /// NM_001039150 //	Cd44	0.000502603	2.61345	Week 2 up vs Week 1
10472916	NM_025866 // Cdca7 // cell division cycle associated 7 // 2 C3 // 66953 /// ENSM	Cdca7	8.16578E-06	2.61616	Week 2 up vs Week 1
10343263	---		7.74764E-06	2.61635	Week 2 up vs Week 1
10582888	---		7.61249E-08	2.61715	Week 2 up vs Week 1
10529264	NM_133903 // Spon2 // spondin 2, extracellular matrix protein // 5 B1 // 100689	Spon2	9.30849E-07	2.61791	Week 2 up vs Week 1
10427290	NM_010466 // Hoxc8 // homeo box C8 // 15 F3|15 57.4 cM // 15426 /// ENSMUST00000	Hoxc8	2.4758E-11	2.62099	Week 2 up vs Week 1
10343156	---		2.57964E-09	2.62267	Week 2 up vs Week 1
10339420	---		2.48263E-07	2.62368	Week 2 up vs Week 1
10592535	NM_011436 // Sorl1 // sortilin-related receptor, LDLR class A repeats-containing	Sorl1	6.7338E-08	2.6244	Week 2 up vs Week 1
10386033	NM_001029988 // Fat2 // FAT tumor suppressor homolog 2 (Drosophila) // 11 B1.3 /	Fat2	6.66509E-09	2.62827	Week 2 up vs Week 1
10338532	---		1.47797E-10	2.62845	Week 2 up vs Week 1
10342006	---		4.55842E-09	2.62963	Week 2 up vs Week 1
10569646	NM_007631 // Ccnd1 // cyclin D1 // 7 F5|7 72.3 cM // 12443 /// ENSMUST0000009396	Ccnd1	6.05218E-07	2.63018	Week 2 up vs Week 1
10603346	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// NM	Plp2	4.46134E-06	2.63168	Week 2 up vs Week 1
10600480	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000819587	2.63207	Week 2 up vs Week 1
10603230	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000819587	2.63207	Week 2 up vs Week 1
10605353	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000819587	2.63207	Week 2 up vs Week 1
10598032	---		8.65797E-07	2.6353	Week 2 up vs Week 1
10407435	NM_134066 // Akr1c18 // aldo-keto reductase family 1, member C18 // 13 A1 // 105	Akr1c18	0.000140218	2.63589	Week 2 up vs Week 1
10391914	NM_183288 // Sh3d20 // SH3 domain containing 20 // 11 E1 // 70559 /// BC138292 /	Sh3d20	1.9527E-11	2.63714	Week 2 up vs Week 1
10528455	---		1E-13	2.63771	Week 2 up vs Week 1
10523175	NM_007950 // Ereg // epiregulin // 5 E1 // 13874 /// ENSMUST00000031324 // Ereg	Ereg	2.20744E-06	2.63774	Week 2 up vs Week 1
10432129	NM_001011733 // Olfr288 // olfactory receptor 288 // 15 F1 // 545140	Olfr288	2.48498E-07	2.64069	Week 2 up vs Week 1
10341122	---		1.49006E-07	2.64389	Week 2 up vs Week 1
10608668	---		6.34126E-08	2.64445	Week 2 up vs Week 1

10542518	---		4.47952E-09	2.64471	Week 2 up vs Week 1
10562546	---		3.4247E-11	2.64496	Week 2 up vs Week 1
10496324	NM_001135149 // Slc39a8 // solute carrier family 39 (metal ion transporter), mem	Slc39a8	7.02395E-05	2.64542	Week 2 up vs Week 1
10443764	NM_153062 // Slc37a1 // solute carrier family 37 (glycerol-3-phosphate transport	Slc37a1	1.6566E-09	2.64918	Week 2 up vs Week 1
10517609	NM_028176 // Cda // cytidine deaminase // 4 D3 // 72269 /// ENSMUST00000030535 /	Cda	3.58017E-08	2.65272	Week 2 up vs Week 1
10349166	NM_198028 // Serpinb10 // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb10	7.94264E-05	2.65276	Week 2 up vs Week 1
10441794	NM_030726 // Mrgprh // MAS-related GPR, member H // 17 A1 // 80978 /// ENSMUST00	Mrgprh	7.46502E-07	2.6555	Week 2 up vs Week 1
10341218	---		6.87175E-09	2.65673	Week 2 up vs Week 1
10507798	NM_008506 // Mycl1 // v-myc myelocytomatosis viral oncogene homolog 1, lung carc	Mycl1	8.90545E-10	2.65879	Week 2 up vs Week 1
10598023	---		6.79661E-06	2.65993	Week 2 up vs Week 1
10593260	NM_172922 // Ankk1 // ankyrin repeat and kinase domain containing 1 // 9 A5.3 //	Ankk1	7.6364E-06	2.66392	Week 2 up vs Week 1
10563112	NR_001277 // Snord33 // small nucleolar RNA, C/D box 33 // 7 B4 // 27208	Snord33	6.2064E-08	2.6745	Week 2 up vs Week 1
10598089	---		2.57284E-06	2.67552	Week 2 up vs Week 1
10435504	NM_001082542 // Gm5416 // predicted gene 5416 // 16 B3 // 408196 /// ENSMUST0000	Gm5416	1.00086E-08	2.67565	Week 2 up vs Week 1
10338019	---		1.8527E-11	2.67634	Week 2 up vs Week 1
10340174	---		1.26613E-09	2.67846	Week 2 up vs Week 1
10342437	---		1.41877E-08	2.67938	Week 2 up vs Week 1
10533198	NM_145227 // Oas2 // 2'-5' oligoadenylate synthetase 2 // 5 F|5 67.2 cM // 24672	Oas2	3.65505E-05	2.68066	Week 2 up vs Week 1
10431210	NM_009528 // Wnt7b // wingless-related MMTV integration site 7B // 15 E2|15 46.9	Wnt7b	1.06629E-07	2.68162	Week 2 up vs Week 1
10338051	---		5.1824E-11	2.6849	Week 2 up vs Week 1
10351623	NM_172647 // F11r // F11 receptor // 1 H2|1 93.3 cM // 16456 /// ENSMUST00000043	F11r	1.50285E-07	2.68881	Week 2 up vs Week 1
10497644	NM_027016 // Sec62 // SEC62 homolog (S. cerevisiae) // 3 A3 // 69276 /// ENSMUST	Sec62	6.6255E-11	2.69064	Week 2 up vs Week 1
10461723	BC038020 // Fam111a // family with sequence similarity 111, member A // 19 B|19	Fam111a	1.87218E-05	2.69221	Week 2 up vs Week 1
10598073	---		5.67666E-06	2.6948	Week 2 up vs Week 1
10367479	NM_146545 // Olfr1518 // olfactory receptor 1518 // --- // 258538	Olfr1518	6.72E-13	2.69723	Week 2 up vs Week 1
10603538	NM_026492 // Ssxb1 // synovial sarcoma, X member B, breakpoint 1 // X A1.1 // 67	Ssxb1	1.39381E-05	2.70454	Week 2 up vs Week 1
10403069	BC053409 // Igh-6 // immunoglobulin heavy chain 6 (heavy chain of IgM) // 12 F1-	Igh-6	6.65563E-07	2.70489	Week 2 up vs Week 1
10385337	NM_008375 // Fabp6 // fatty acid binding protein 6, ileal (gastrotropin) // 11 B	Fabp6	6.46397E-09	2.70761	Week 2 up vs Week 1
10530819	NM_175606 // Hopx // HOP homeobox // 5 C3.3 // 74318 /// NM_001159900 // Hopx //	Hopx	1.02213E-05	2.70779	Week 2 up vs Week 1
10340593	---		5.03477E-08	2.70966	Week 2 up vs Week 1
10359859	---		7.97072E-10	2.71185	Week 2 up vs Week 1
10584835	NM_176993 // Mpzl3 // myelin protein zero-like 3 // 9 A5.2 // 319742 /// NM_0010	Mpzl3	6.76658E-08	2.71681	Week 2 up vs Week 1
10598041	---		0.00017519	2.71699	Week 2 up vs Week 1
10338002	---		5.2305E-11	2.72019	Week 2 up vs Week 1
10582882	---		6.6266E-07	2.72315	Week 2 up vs Week 1
10338035	---		1.13465E-09	2.72662	Week 2 up vs Week 1
10429772	NM_144848 // Eppk1 // epiplakin 1 // 15 D3 // 223650 /// AY312170 // Eppk1 // ep	Eppk1	5.64536E-08	2.7306	Week 2 up vs Week 1
10338061	---		8.0845E-11	2.73124	Week 2 up vs Week 1
10416800	NM_201529 // Lmo7 // LIM domain only 7 // 14 E2.3 // 380928 /// ENSMUST000001003	Lmo7	8.02936E-07	2.73144	Week 2 up vs Week 1
10342225	---		6.74814E-07	2.73588	Week 2 up vs Week 1
10341533	---		7.45317E-09	2.73789	Week 2 up vs Week 1
10424676	NM_008529 // Ly6e // lymphocyte antigen 6 complex, locus E // 15 D3|15 41.7 cM /	Ly6e	6.35363E-07	2.73837	Week 2 up vs Week 1
10490061	NM_029815 // Bcas1 // breast carcinoma amplified sequence 1 // 2 H3 // 76960 ///	Bcas1	1.55272E-05	2.73858	Week 2 up vs Week 1
10502638	NM_178697 // Clca5 // chloride channel calcium activated 5 // 3 H2 // 229933 ///	Clca5	1.30696E-06	2.73931	Week 2 up vs Week 1
10341043	---		1.34323E-08	2.74264	Week 2 up vs Week 1
10411359	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// NM	Plp2	2.62484E-06	2.74358	Week 2 up vs Week 1
10341731	---		7.3745E-11	2.74429	Week 2 up vs Week 1
10551169	NM_146184 // B3gnt8 // UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfera	B3gnt8	1.02682E-09	2.74746	Week 2 up vs Week 1
10355341	---		8.437E-11	2.75076	Week 2 up vs Week 1
10582916	---		1.4513E-06	2.75595	Week 2 up vs Week 1
10340885	---		2.48471E-05	2.75606	Week 2 up vs Week 1
10340118	---		8.3583E-07	2.75675	Week 2 up vs Week 1
10343321	---		2.07857E-07	2.7609	Week 2 up vs Week 1
10391036	NM_008471 // Krt19 // keratin 19 // 11 D|11 58.51 cM // 16669 /// ENSMUST0000000	Krt19	4.26292E-05	2.76267	Week 2 up vs Week 1
10340364	---		1.11984E-06	2.76303	Week 2 up vs Week 1
10405587	NM_009369 // Tgfbi // transforming growth factor, beta induced // 13 38.0 cM //	Tgfbi	7.11546E-05	2.76332	Week 2 up vs Week 1
10454129	NM_181682 // Dsg1b // desmoglein 1 beta // 18 A2|18 7.02 cM // 225256 /// ENSMUS	Dsg1b	8.47054E-05	2.76411	Week 2 up vs Week 1
10574532	NM_145603 // Ces2 // carboxylesterase 2 // 8 D3 // 234671 /// NM_172759 // Ces5	Ces2	6.85827E-09	2.76597	Week 2 up vs Week 1
10362160	---		2.90957E-08	2.77374	Week 2 up vs Week 1
10566993	NM_173739 // Galntl4 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylg	Galntl4	2.57184E-05	2.77564	Week 2 up vs Week 1
10349562	NM_177604 // AA986860 // expressed sequence AA986860 // 1 E4 // 212439 /// ENSMU	AA986860	2.25451E-07	2.77758	Week 2 up vs Week 1
10338018	---		1.63035E-10	2.77796	Week 2 up vs Week 1
10461934	NM_153417 // Trpm6 // transient receptor potential cation channel, subfamily M,	Trpm6	1.34509E-05	2.7785	Week 2 up vs Week 1
10378409	---		4.26202E-08	2.77861	Week 2 up vs Week 1
10459620	NM_001082553 // Rab27b // RAB27b, member RAS oncogene family // 18 E2|18 45.0 cM	Rab27b	4.1707E-06	2.77967	Week 2 up vs Week 1

10578045	NM_178591 // Nrg1 // neuregulin 1 // 8 A3 // 211323 /// ENSMUST00000073884 // Nr	Nrg1	4.63497E-10	2.7822	Week 2 up vs Week 1
10542335	NM_181444 // Gprc5a // G protein-coupled receptor, family C, group 5, member A /	Gprc5a	1.50491E-06	2.78865	Week 2 up vs Week 1
10347860	---		1.02311E-09	2.78878	Week 2 up vs Week 1
10451893	NM_145934 // Stap2 // signal transducing adaptor family member 2 // 17 D // 1067	Stap2	7.02471E-07	2.79494	Week 2 up vs Week 1
10423921	NM_001130166 // Oxr1 // oxidation resistance 1 // 15 D1 // 170719 /// NM_130885	Oxr1	4.61733E-06	2.79523	Week 2 up vs Week 1
10411226	NM_007974 // F2rl1 // coagulation factor II (thrombin) receptor-like 1 // 13 D1|	F2rl1	1.94694E-09	2.79851	Week 2 up vs Week 1
10343030	---		0.0213697	2.80066	Week 2 up vs Week 1
10559784	NM_146385 // Olfr1347 // olfactory receptor 1347 // 7 A1 // 258383 /// ENSMUST00	Olfr1347	1.28398E-10	2.80188	Week 2 up vs Week 1
10432907	NM_212487 // Krt78 // keratin 78 // 15 F3 // 332131 /// ENSMUST00000062260 // Kr	Krt78	4.47263E-07	2.80223	Week 2 up vs Week 1
10464601	---		1.77834E-09	2.80238	Week 2 up vs Week 1
10511309	AK137636 // 9930005F22Rik // RIKEN cDNA 9930005F22 gene // 4 E2 // 435821	9930005F22Rik	5.953E-12	2.80606	Week 2 up vs Week 1
10431839	NM_207533 // Dbx2 // developing brain homeobox 2 // 15 F1|15 71.1 cM // 223843 /	Dbx2	1.776E-11	2.80761	Week 2 up vs Week 1
10473022	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// EN	Plp2	1.59457E-06	2.81055	Week 2 up vs Week 1
10366546	NM_027468 // Cpm // carboxypeptidase M // 10 D2 // 70574 /// ENSMUST00000020399	Cpm	1.69255E-07	2.8119	Week 2 up vs Week 1
10395155	BC085288 // Fam110c // family with sequence similarity 110, member C // 12 A2 //	Fam110c	3.5518E-07	2.81304	Week 2 up vs Week 1
10442357	NM_027220 // Prss32 // protease, serine, 32 // 17 A3.3|17 10.73 cM // 69814 ///	Prss32	4.27671E-07	2.81474	Week 2 up vs Week 1
10450367	NM_010479 // Hspa1a // heat shock protein 1A // 17 B1 // 193740 /// NM_010478 //	Hspa1a	1.83601E-05	2.81663	Week 2 up vs Week 1
10338027	---		3.04161E-10	2.82829	Week 2 up vs Week 1
10491272	NM_001134385 // Gpr160 // G protein-coupled receptor 160 // 3 B // 71862 /// NM_	Gpr160	2.99321E-10	2.82951	Week 2 up vs Week 1
10489204	NM_009373 // Tgm2 // transglutaminase 2, C polypeptide // 2 H1|2 89.0 cM // 2181	Tgm2	7.92706E-07	2.82963	Week 2 up vs Week 1
10599956	XM_001474469 // LOC100040304 // similar to syndecan-1 // X A7.1 // 100040304	LOC100040304	1.61201E-08	2.83226	Week 2 up vs Week 1
10444554	NM_023557 // Slc44a4 // solute carrier family 44, member 4 // 17 B2 // 70129 ///	Slc44a4	7.67122E-07	2.83232	Week 2 up vs Week 1
10338552	---		1.0952E-08	2.83246	Week 2 up vs Week 1
10341452	---		0.000164826	2.83616	Week 2 up vs Week 1
10338033	---		1.33881E-10	2.83986	Week 2 up vs Week 1
10341253	---		3.01936E-10	2.84409	Week 2 up vs Week 1
10494369	NM_153053 // Sf3b4 // splicing factor 3b, subunit 4 // 3 F2.1 // 107701 /// ENSM	Sf3b4	4.7012E-09	2.84848	Week 2 up vs Week 1
10434815	NM_001127259 // Trp63 // transformation related protein 63 // 16 B1|16 19.3 cM /	Trp63	1.26832E-06	2.84946	Week 2 up vs Week 1
10338055	---		1.40488E-10	2.85164	Week 2 up vs Week 1
10339081	---		4.16479E-07	2.85481	Week 2 up vs Week 1
10465314	NM_007600 // Capn1 // calpain 1 // 19 A|19 3.0 cM // 12333 /// NM_001110504 // C	Capn1	4.13408E-08	2.85689	Week 2 up vs Week 1
10498053	NM_026358 // 4930583H14Rik // RIKEN cDNA 4930583H14 gene // 3 C // 67749 /// ENS	4930583H14Rik	0.00283218	2.86986	Week 2 up vs Week 1
10338016	---		1.81818E-10	2.87121	Week 2 up vs Week 1
10432767	NR_003960 // Gm5478 // predicted gene 5478 // 15 F2|15 // 432987	Gm5478	1.08692E-07	2.87515	Week 2 up vs Week 1
10578203	NM_027998 // Cldn23 // claudin 23 // 8 B1.1 // 71908 /// ENSMUST00000060128 // C	Cldn23	4.87743E-08	2.87886	Week 2 up vs Week 1
10469786	NM_153511 // Il1f9 // interleukin 1 family, member 9 // 2 A3|2 10.25 cM // 21525	Il1f9	1.58943E-05	2.87979	Week 2 up vs Week 1
10524631	NM_145209 // Oasl1 // 2'-5' oligoadenylate synthetase-like 1 // 5 F // 231655 //	Oasl1	3.04817E-06	2.87986	Week 2 up vs Week 1
10461856	NM_008137 // Gna14 // guanine nucleotide binding protein, alpha 14 // 19 A-B|19	Gna14	6.87347E-08	2.88141	Week 2 up vs Week 1
10340781	---		1.64914E-09	2.88806	Week 2 up vs Week 1
10384776	NR_027973 // 5730522E02Rik // RIKEN cDNA 5730522E02 gene // 11 A3.2-A3.3 // 7062	5730522E02Rik	1.8388E-11	2.88913	Week 2 up vs Week 1
10598085	ENSMUST00000119235 // ATP6 // ATP synthase F0 subunit 6 // --- // 17705 /// ENSM	ATP6	1.65394E-07	2.88929	Week 2 up vs Week 1
10435501	NM_001082543 // Stfa1 // stefin A1 // 16 B3|16 22.85 cM // 20861	Stfa1	0.000018204	2.89124	Week 2 up vs Week 1
10450369	NM_010479 // Hspa1a // heat shock protein 1A // 17 B1 // 193740 /// ENSMUST00000	Hspa1a	3.09816E-06	2.89635	Week 2 up vs Week 1
10432785	NM_027011 // Krt5 // keratin 5 // 15 F2|15 58.79 cM // 110308 /// ENSMUST0000002	Krt5	2.62516E-06	2.89925	Week 2 up vs Week 1
10486197	NM_145530 // Rhov // ras homolog gene family, member V // 2 E5 // 228543 /// ENS	Rhov	9.27804E-08	2.90002	Week 2 up vs Week 1
10575052	NM_009864 // Cdh1 // cadherin 1 // 8 D|8 53.3 cM // 12550 /// ENSMUST00000000312	Cdh1	1.71034E-08	2.90068	Week 2 up vs Week 1
10517213	NM_001081047 // Cnksr1 // connector enhancer of kinase suppressor of Ras 1 // 4	Cnksr1	4.05661E-08	2.9023	Week 2 up vs Week 1
10550660	NM_001010836 // Ppp1r13l // protein phosphatase 1, regulatory (inhibitor) subuni	Ppp1r13l	2.85733E-08	2.90455	Week 2 up vs Week 1
10416290	NM_180588 // Reep4 // receptor accessory protein 4 // 14 D2 // 72549 /// ENSMUST	Reep4	3.90414E-08	2.90487	Week 2 up vs Week 1
10453256	NM_153512 // Kcng3 // potassium voltage-gated channel, subfamily G, member 3 //	Kcng3	1.00575E-05	2.90548	Week 2 up vs Week 1
10341974	---		0.000628621	2.90619	Week 2 up vs Week 1
10374777	NM_146015 // Efemp1 // epidermal growth factor-containing fibulin-like extracell	Efemp1	3.75547E-06	2.9084	Week 2 up vs Week 1
10342690	---		7.51299E-06	2.91709	Week 2 up vs Week 1
10338049	---		1.26297E-10	2.91965	Week 2 up vs Week 1
10342925	---		7.52301E-10	2.92199	Week 2 up vs Week 1
10540298	NM_007697 // Chl1 // cell adhesion molecule with homology to L1CAM // --- // 126	Chl1	7.23961E-05	2.92258	Week 2 up vs Week 1
10532857	NM_019821 // Gltp // glycolipid transfer protein // 5 F // 56356 /// ENSMUST0000	Gltp	2.06881E-10	2.92386	Week 2 up vs Week 1
10349174	NM_011459 // Serpinb8 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb8	2.00094E-05	2.92431	Week 2 up vs Week 1
10534945	NM_007819 // Cyp3a13 // cytochrome P450, family 3, subfamily a, polypeptide 13 /	Cyp3a13	9.91368E-06	2.926	Week 2 up vs Week 1
10343722	---		1.05853E-06	2.92721	Week 2 up vs Week 1
10598187	---		3.33398E-05	2.93473	Week 2 up vs Week 1
10338024	---		1.26972E-10	2.93992	Week 2 up vs Week 1
10545101	NM_019455 // Hpgds // hematopoietic prostaglandin D synthase // 6 D-E // 54486 /	Hpgds	3.66538E-05	2.94137	Week 2 up vs Week 1
10338062	---		2.3172E-10	2.94199	Week 2 up vs Week 1
10562223	NM_008557 // Fxyd3 // FXYD domain-containing ion transport regulator 3 // 7 B1 /	Fxyd3	1.04883E-06	2.94457	Week 2 up vs Week 1

10407420	NM_019671 // Net1 // neuroepithelial cell transforming gene 1 // 13 A1 // 56349	Net1	8.10333E-09	2.94683	Week 2 up vs Week 1
10344036	---		2.20383E-08	2.94819	Week 2 up vs Week 1
10391103	NM_010593 // Jup // junction plakoglobin // 11 D|11 60.0 cM // 16480 /// ENSMUST	Jup	2.46302E-08	2.95162	Week 2 up vs Week 1
10339358	---		1.45104E-08	2.95206	Week 2 up vs Week 1
10499348	NM_024246 // Tmem79 // transmembrane protein 79 // 3 F1 // 71913 /// ENSMUST0000	Tmem79	2.2214E-08	2.95217	Week 2 up vs Week 1
10584870	NM_001013373 // Tmprss13 // transmembrane protease, serine 13 // 9 A5.2 // 21453	Tmprss13	4.14407E-07	2.95287	Week 2 up vs Week 1
10582069	NM_028725 // Sdr42e1 // short chain dehydrogenase/reductase family 42E, member 1	Sdr42e1	3.70996E-07	2.95432	Week 2 up vs Week 1
10340992	---		1.14782E-06	2.95526	Week 2 up vs Week 1
10431229	NM_009886 // Celsr1 // cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo	Celsr1	5.25862E-08	2.95552	Week 2 up vs Week 1
10339304	---		1.04289E-08	2.95842	Week 2 up vs Week 1
10375265	NM_176999 // Atp10b // ATPase, class V, type 10B // 11 A5 // 319767 /// ENSMUST0	Atp10b	3.07437E-08	2.95896	Week 2 up vs Week 1
10411633	NM_008670 // Naip1 // NLR family, apoptosis inhibitory protein 1 // 13 D1-D3|13	Naip1	1.84946E-08	2.96309	Week 2 up vs Week 1
10565705	NM_011010 // Omp // olfactory marker protein // 7 E2|7 48.0 cM // 18378 /// ENSM	Omp	2.82519E-09	2.96627	Week 2 up vs Week 1
10582890	---		3.56051E-08	2.97322	Week 2 up vs Week 1
10439936	NM_030612 // Nfkbiz // nuclear factor of kappa light polypeptide gene enhancer i	Nfkbiz	4.05129E-10	2.97542	Week 2 up vs Week 1
10405876	ENSMUST00000079272 // Gm10324 // predicted gene 10324 // 13 B3|13 // 628709	Gm10324	2.9005E-08	2.98238	Week 2 up vs Week 1
10341061	---		6.44569E-07	2.98434	Week 2 up vs Week 1
10586614	NM_001081314 // Fam148b // family with sequence similarity 148, member B // 9 D	Fam148b	1.7439E-10	2.98881	Week 2 up vs Week 1
10339024	---		1.61811E-07	2.99566	Week 2 up vs Week 1
10340438	---		1.41503E-08	2.99685	Week 2 up vs Week 1
10572398	NM_018827 // Crlf1 // cytokine receptor-like factor 1 // 8 0.0 cM // 12931 /// E	Crlf1	1.12681E-10	2.99705	Week 2 up vs Week 1
10338053	---		1.69298E-10	3.00003	Week 2 up vs Week 1
10587383	NM_153098 // Cd109 // CD109 antigen // 9 E1 // 235505 /// ENSMUST00000093812 //	Cd109	7.56754E-06	3.00124	Week 2 up vs Week 1
10373542	NM_016811 // Dgka // diacylglycerol kinase, alpha // 10 D3|10 71.0 cM // 13139 /	Dgka	1.37816E-07	3.00351	Week 2 up vs Week 1
10344372	---		0.000128458	3.00392	Week 2 up vs Week 1
10373467	NM_010153 // Erbb3 // v-erb-b2 erythroblastic leukemia viral oncogene homolog 3	Erbb3	6.06015E-08	3.00715	Week 2 up vs Week 1
10495675	NM_010171 // F3 // coagulation factor III // 3 G1|3 50.0 cM // 14066 /// ENSMUST	F3	3.88886E-05	3.00957	Week 2 up vs Week 1
10554162	---		1.46214E-08	3.01287	Week 2 up vs Week 1
10552252	NM_001085385 // 1600014C10Rik // RIKEN cDNA 1600014C10 gene // 7 B1 // 72244 ///	1600014C10Rik	7.69233E-07	3.0184	Week 2 up vs Week 1
10389990	NM_027984 // Epn3 // epsin 3 // 11 C // 71889 /// ENSMUST00000010224 // Epn3 //	Epn3	7.26568E-07	3.01916	Week 2 up vs Week 1
10345065	NM_001077353 // Gsta3 // glutathione S-transferase, alpha 3 // 1 A4|1 15.0 cM //	Gsta3	5.74168E-06	3.01973	Week 2 up vs Week 1
10514347	NM_007670 // Cdkn2b // cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	Cdkn2b	1.35281E-10	3.02906	Week 2 up vs Week 1
10391066	NM_010663 // Krt17 // keratin 17 // 11 D|11 58.7 cM // 16667 /// ENSMUST00000080	Krt17	5.36178E-05	3.02994	Week 2 up vs Week 1
10375173	---		6.66168E-06	3.03203	Week 2 up vs Week 1
10598238	---		3.2017E-09	3.04356	Week 2 up vs Week 1
10542237	---		3.43E-13	3.04568	Week 2 up vs Week 1
10588073	NM_001134660 // Gm6400 // predicted gene 6400 // 9 E3.3 // 623166	Gm6400	2.1791E-11	3.04939	Week 2 up vs Week 1
10348354	NM_201644 // Ugt1a9 // UDP glucuronosyltransferase 1 family, polypeptide A9 // 1	Ugt1a9	2.06841E-08	3.05211	Week 2 up vs Week 1
10408200	NM_175655 // Hist1h4f // histone cluster 1, H4f // --- // 319157	Hist1h4f	4.06619E-06	3.05239	Week 2 up vs Week 1
10535524	NM_033039 // Ocm // oncomodulin // 5 G1-3|5 84.0 cM // 18261	Ocm	0.000010854	3.06192	Week 2 up vs Week 1
10552480	NM_019974 // Klk11 // kallikrein related-peptidase 11 // 7 B4 // 56538 /// ENSMU	Klk11	2.09855E-08	3.06259	Week 2 up vs Week 1
10341443	---		1.16156E-08	3.06499	Week 2 up vs Week 1
10577954	NM_001080813 // Rab11fip1 // RAB11 family interacting protein 1 (class I) // 8 A	Rab11fip1	1.5621E-07	3.0755	Week 2 up vs Week 1
10500122	NM_134253 // Bnipl // BCL2/adenovirus E1B 19kD interacting protein like // 3 F2.	Bnipl	1.65965E-06	3.07873	Week 2 up vs Week 1
10548011	NM_198604 // Plekhg6 // pleckstrin homology domain containing, family G (with Rh	Plekhg6	1.32346E-08	3.07912	Week 2 up vs Week 1
10342755	---		1.45771E-09	3.08702	Week 2 up vs Week 1
10338782	---		0.00026836	3.09144	Week 2 up vs Week 1
10542894	---		1.23995E-09	3.09167	Week 2 up vs Week 1
10596303	NM_019807 // Acpp // acid phosphatase, prostate // 9 F1 // 56318 /// NM_207668 /	Acpp	5.93434E-07	3.09325	Week 2 up vs Week 1
10598071	---		2.37351E-05	3.09522	Week 2 up vs Week 1
10342197	---		2.16545E-09	3.09582	Week 2 up vs Week 1
10338020	---		3.16841E-10	3.09736	Week 2 up vs Week 1
10550320	---		2.20545E-08	3.09912	Week 2 up vs Week 1
10342570	---		0.000429805	3.10467	Week 2 up vs Week 1
10453250	---		3.59491E-07	3.10717	Week 2 up vs Week 1
10605051	NM_011907 // Trex2 // three prime repair exonuclease 2 // X A6 // 24102 /// ENSM	Trex2	1.7322E-08	3.10993	Week 2 up vs Week 1
10368343	NM_007482 // Arg1 // arginase, liver // 10 A4 // 11846 /// ENSMUST00000020161 //	Arg1	3.37276E-05	3.11279	Week 2 up vs Week 1
10343902	---		1.65427E-08	3.11628	Week 2 up vs Week 1
10608697	---		6.81836E-09	3.1216	Week 2 up vs Week 1
10342218	---		8.30071E-06	3.12908	Week 2 up vs Week 1
10493474	NM_013605 // Muc1 // mucin 1, transmembrane // 3 F1|3 44.8 cM // 17829 /// ENSMU	Muc1	1.26579E-05	3.13535	Week 2 up vs Week 1
10598229	---		8.22871E-06	3.13746	Week 2 up vs Week 1
10351259	NM_054087 // Slc19a2 // solute carrier family 19 (thiamine transporter), member	Slc19a2	3.29688E-05	3.14098	Week 2 up vs Week 1
10505299	NM_138653 // Bspry // B-box and SPRY domain containing // 4 C1 // 192120 /// ENS	Bspry	3.90226E-08	3.14132	Week 2 up vs Week 1
10571984	NM_001081215 // Ddx60 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 // 8 B3.1 //	Ddx60	0.000210846	3.14721	Week 2 up vs Week 1

10590992	ENSMUST00000034412 // Hephl1 // hephaestin-like 1 // 9 A2 // 244698	Hephl1	6.35E-13	3.152	Week 2 up vs Week 1
10382713	NM_001005608 // Itgb4 // integrin beta 4 // 11 E2|11 76.0 cM // 192897 /// NM_13	Itgb4	1.33645E-08	3.15396	Week 2 up vs Week 1
10565712	NM_025408 // Acer3 // alkaline ceramidase 3 // 7 E2 // 66190 /// ENSMUST00000033	Acer3	4.73792E-06	3.15816	Week 2 up vs Week 1
10338009	---		1.10267E-10	3.15852	Week 2 up vs Week 1
10560672	NM_023224 // Cblc // Casitas B-lineage lymphoma c // 7 A3 // 80794 /// NM_001161	Cblc	4.79529E-08	3.15889	Week 2 up vs Week 1
10490845	NM_025519 // Chmp4c // chromatin modifying protein 4C // 3 A1 // 66371 /// BC117	Chmp4c	1.94855E-07	3.15997	Week 2 up vs Week 1
10339123	---		2.22842E-05	3.16489	Week 2 up vs Week 1
10394954	NM_001161406 // Grhl1 // grainyhead-like 1 (Drosophila) // 12 A1.3 // 195733 ///	Grhl1	7.4191E-08	3.16981	Week 2 up vs Week 1
10596637	NM_178907 // Mapkapk3 // mitogen-activated protein kinase-activated protein kina	Mapkapk3	2.608E-08	3.17029	Week 2 up vs Week 1
10541799	BC117528 // Lpar5 // lysophosphatidic acid receptor 5 // 6 F2 // 381810 /// ENSM	Lpar5	4.7726E-11	3.17351	Week 2 up vs Week 1
10569038	NM_178381 // Ano9 // anoctamin 9 // 7 F5 // 71345	Ano9	4.5898E-10	3.17596	Week 2 up vs Week 1
10560618	NM_007469 // Apoc1 // apolipoprotein C-I // 7 A3|7 4.0 cM // 11812 /// NM_001110	Apoc1	2.76567E-08	3.17657	Week 2 up vs Week 1
10585331	NM_176846 // Exph5 // exophilin 5 // 9 A5.3 // 320051 /// ENSMUST00000051014 //	Exph5	1.03727E-09	3.18344	Week 2 up vs Week 1
10506583	NM_177667 // Ttc22 // tetratricopeptide repeat domain 22 // 4 C7 // 230576 /// E	Ttc22	3.46639E-08	3.184	Week 2 up vs Week 1
10355312	NM_011770 // Ikzf2 // IKAROS family zinc finger 2 // 1 C3 // 22779 /// ENSMUST00	Ikzf2	6.16369E-07	3.18556	Week 2 up vs Week 1
10340215	---		6.0383E-11	3.18944	Week 2 up vs Week 1
10591643	NM_031874 // Rab3d // RAB3D, member RAS oncogene family // 9 A2-A3 // 19340 ///	Rab3d	5.31332E-07	3.19355	Week 2 up vs Week 1
10343551	---		0.00202998	3.19758	Week 2 up vs Week 1
10526241	NM_009902 // Cldn3 // claudin 3 // 5 G2|5 75.0 cM // 12739 /// ENSMUST0000009424	Cldn3	1.63756E-10	3.20105	Week 2 up vs Week 1
10565156	NM_011983 // Homer2 // homer homolog 2 (Drosophila) // 7 D3 // 26557 /// ENSMUST	Homer2	2.10485E-06	3.20426	Week 2 up vs Week 1
10562856	NM_028021 // Myh14 // myosin, heavy polypeptide 14 // 7 B2 // 71960 /// ENSMUST0	Myh14	1.17446E-07	3.20685	Week 2 up vs Week 1
10343300	---		5.15301E-05	3.20741	Week 2 up vs Week 1
10474526	NM_207206 // Lpcat4 // lysophosphatidylcholine acyltransferase 4 // 2 E3 // 9901	Lpcat4	9.71328E-08	3.21174	Week 2 up vs Week 1
10600093	NM_009549 // Zfp185 // zinc finger protein 185 // X A7.3|X 28.95 cM // 22673 ///	Zfp185	1.65793E-06	3.21655	Week 2 up vs Week 1
10476033	NM_183262 // Stk35 // serine/threonine kinase 35 // 2 F1 // 67333 /// NM_0010386	Stk35	1.10132E-05	3.2179	Week 2 up vs Week 1
10580649	NM_133660 // Es22 // esterase 22 // 8 C5|8 43.2 cM // 13897 /// ENSMUST000000341	Es22	1.87334E-07	3.21846	Week 2 up vs Week 1
10587315	NM_010357 // Gsta4 // glutathione S-transferase, alpha 4 // 9 E1 // 14860 /// EN	Gsta4	3.04129E-08	3.22009	Week 2 up vs Week 1
10340723	---		2.81022E-06	3.23265	Week 2 up vs Week 1
10598018	---		1.39234E-05	3.24372	Week 2 up vs Week 1
10340530	---		2.4E-14	3.24418	Week 2 up vs Week 1
10387855	NM_009660 // Alox15 // arachidonate 15-lipoxygenase // 11 B3|11 40.0 cM // 11687	Alox15	0.000111181	3.24558	Week 2 up vs Week 1
10393373	NM_011371 // St6galnac1 // ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,	St6galnac1	3.23922E-06	3.25004	Week 2 up vs Week 1
10339129	---		2.57909E-06	3.25259	Week 2 up vs Week 1
10459288	NM_007420 // Adrb2 // adrenergic receptor, beta 2 // 18 E1|18 34.0 cM // 11555 /	Adrb2	3.48698E-07	3.25391	Week 2 up vs Week 1
10416777	NM_009769 // Klf5 // Kruppel-like factor 5 // 14 E2.2 // 12224 /// ENSMUST000000	Klf5	2.00885E-08	3.25577	Week 2 up vs Week 1
10367066	NM_027301 // Sdr9c7 // 4short chain dehydrogenase/reductase family 9C, member 7	Sdr9c7	1.37728E-06	3.25633	Week 2 up vs Week 1
10371220	NM_010304 // Gna15 // guanine nucleotide binding protein, alpha 15 // 10 C1|10 4	Gna15	1.08865E-07	3.26646	Week 2 up vs Week 1
10565689	NM_007602 // Capn5 // calpain 5 // 7 E2 // 12337 /// ENSMUST00000040971 // Capn5	Capn5	1.03428E-07	3.27514	Week 2 up vs Week 1
10338202	---		4.257E-12	3.27534	Week 2 up vs Week 1
10354205	XR_031026 // Gm5100 // predicted gene 5100 // 1 B|1 // 329126	Gm5100	3.58912E-09	3.28317	Week 2 up vs Week 1
10338039	---		1.50971E-10	3.28871	Week 2 up vs Week 1
10493820	NM_011313 // S100a6 // S100 calcium binding protein A6 (calcyclin) // 3 F1-F2|3	S100a6	1.43045E-07	3.29025	Week 2 up vs Week 1
10423770	NM_026496 // Grhl2 // grainyhead-like 2 (Drosophila) // 15 C // 252973 /// ENSMU	Grhl2	2.60119E-07	3.29162	Week 2 up vs Week 1
10380927	NM_010346 // Grb7 // growth factor receptor bound protein 7 // 11 D|11 57.0 cM /	Grb7	1.6317E-06	3.31061	Week 2 up vs Week 1
10345404	AK082264 // C230030N03Rik // RIKEN cDNA C230030N03 gene // 1 B // 241052	C230030N03Rik	2.11883E-07	3.31613	Week 2 up vs Week 1
10428176	NM_025712 // Snx31 // sorting nexin 31 // 15 C // 66696 /// ENSMUST00000013755 /	Snx31	4.60539E-07	3.31687	Week 2 up vs Week 1
10388834	NM_022411 // Slc13a2 // solute carrier family 13 (sodium-dependent dicarboxylate	Slc13a2	1.83535E-07	3.32048	Week 2 up vs Week 1
10508917	NM_001162970 // Aim1l // absent in melanoma 1-like // 4 D3 // 230806 /// BC15073	Aim1l	9.59986E-09	3.32862	Week 2 up vs Week 1
10598083	---		3.19261E-07	3.33007	Week 2 up vs Week 1
10500140	NM_001085383 // Anxa9 // annexin A9 // 3 F2 // 71790 /// NM_023628 // Anxa9 // a	Anxa9	2.00412E-06	3.3327	Week 2 up vs Week 1
10496438	NM_007409 // Adh1 // alcohol dehydrogenase 1 (class I) // 3 G3|3 71.2 cM // 1152	Adh1	4.23252E-06	3.33463	Week 2 up vs Week 1
10355967	NM_183027 // Ap1s3 // adaptor-related protein complex AP-1, sigma 3 // 1 C4 // 2	Ap1s3	1.72759E-07	3.33664	Week 2 up vs Week 1
10340732	---		3.22591E-08	3.33912	Week 2 up vs Week 1
10603109	NM_011081 // Piga // phosphatidylinositol glycan anchor biosynthesis, class A //	Piga	7.01065E-06	3.34548	Week 2 up vs Week 1
10358787	NM_008485 // Lamc2 // laminin, gamma 2 // 1 H1|1 81.1 cM // 16782 /// ENSMUST000	Lamc2	1.96052E-09	3.35455	Week 2 up vs Week 1
10502575	NM_139148 // Clca4 // chloride channel calcium activated 4 // 3 H2-H3 // 229927	Clca4	6.82302E-06	3.36245	Week 2 up vs Week 1
10341359	---		0.000291375	3.37809	Week 2 up vs Week 1
10345406	---		1.4789E-08	3.38621	Week 2 up vs Week 1
10587699	NM_011245 // Rasgrf1 // RAS protein-specific guanine nucleotide-releasing factor	Rasgrf1	9.23822E-07	3.39143	Week 2 up vs Week 1
10512884	---		8.4535E-11	3.39384	Week 2 up vs Week 1
10368092	NM_019487 // Hebp2 // heme binding protein 2 // 10 A2 // 56016 /// ENSMUST000000	Hebp2	2.76545E-08	3.39826	Week 2 up vs Week 1
10499329	NM_021375 // Rhbg // Rhesus blood group-associated B glycoprotein // 3 F1|3 42.0	Rhbg	5.147E-08	3.40013	Week 2 up vs Week 1
10465106	NM_019935 // Ovol1 // OVO homolog-like 1 (Drosophila) // 19 A // 18426 /// ENSMU	Ovol1	3.43953E-10	3.40616	Week 2 up vs Week 1
10342260	---		1.32077E-07	3.40725	Week 2 up vs Week 1
10506571	NM_053272 // Dhcr24 // 24-dehydrocholesterol reductase // 4 C7 // 74754 /// ENSM	Dhcr24	5.95646E-08	3.40933	Week 2 up vs Week 1

10582884	---		1.27872E-07	3.41148	Week 2 up vs Week 1
10558769	NM_026820 // Ifitm1 // interferon induced transmembrane protein 1 // 7 F5 // 687	Ifitm1	3.55889E-07	3.41266	Week 2 up vs Week 1
10340466	---		5.6273E-11	3.41584	Week 2 up vs Week 1
10515282	NM_133681 // Tspan1 // tetraspanin 1 // 4 C7 // 66805 /// ENSMUST00000030465 //	Tspan1	1.11294E-06	3.41636	Week 2 up vs Week 1
10367050	AY053573 // Rdh18 // retinol dehydrogenase 18 // 10 D3 // 380674 /// ENSMUST0000	Rdh18	1.19735E-05	3.42637	Week 2 up vs Week 1
10343659	---		1.6497E-08	3.43047	Week 2 up vs Week 1
10608719	---		4.60369E-06	3.43318	Week 2 up vs Week 1
10551264	NM_007814 // Cyp2b19 // cytochrome P450, family 2, subfamily b, polypeptide 19 /	Cyp2b19	6.6366E-11	3.4396	Week 2 up vs Week 1
10349872	---		1.6007E-11	3.44306	Week 2 up vs Week 1
10421143	NM_010082 // Adam28 // a disintegrin and metallopeptidase domain 28 // 14 D2 //	Adam28	1.47126E-06	3.44411	Week 2 up vs Week 1
10558840	NM_025886 // Rassf7 // Ras association (RalGDS/AF-6) domain family (N-terminal)	Rassf7	4.49584E-07	3.44449	Week 2 up vs Week 1
10599092	---		6.41987E-06	3.45089	Week 2 up vs Week 1
10568332	NM_133351 // Prss8 // protease, serine, 8 (prostasin) // 7 F3 // 76560 /// ENSMU	Prss8	7.16201E-07	3.45756	Week 2 up vs Week 1
10574415	ENSMUST00000065508 // 1700047G07Rik // RIKEN cDNA 1700047G07 gene // --- // 7332	1700047G07Rik	5.752E-12	3.46352	Week 2 up vs Week 1
10338517	---		1.04631E-09	3.47003	Week 2 up vs Week 1
10521537	NM_001081106 // Cytl1 // cytokine-like 1 // 5 B3 // 231162 /// ENSMUST0000007355	Cytl1	8.79422E-08	3.47244	Week 2 up vs Week 1
10338214	---		2.28777E-08	3.47402	Week 2 up vs Week 1
10463836	NM_010362 // Gsto1 // glutathione S-transferase omega 1 // 19 D1 // 14873 /// EN	Gsto1	4.37063E-08	3.47434	Week 2 up vs Week 1
10603936	NM_001025607 // Gm5168 // predicted gene 5168 // X A2|X // 382275 /// NM_0011049	Gm5168	0.000001057	3.478	Week 2 up vs Week 1
10512774	NM_178893 // Coro2a // coronin, actin binding protein 2A // 4 B1 // 107684 /// E	Coro2a	1.83003E-08	3.49576	Week 2 up vs Week 1
10599058	---		2.05481E-07	3.51335	Week 2 up vs Week 1
10599060	---		2.05481E-07	3.51335	Week 2 up vs Week 1
10599062	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10599073	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10599094	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10599105	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10603962	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10603973	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10603984	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10603995	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10604006	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10604017	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10604021	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.05481E-07	3.51335	Week 2 up vs Week 1
10516484	NM_008126 // Gjb3 // gap junction protein, beta 3 // 4 D2.2|4 58.0 cM // 14620 /	Gjb3	4.92696E-07	3.5178	Week 2 up vs Week 1
10521459	NM_175249 // Psapl1 // prosaposin-like 1 // 5 B3 // 76943 /// ENSMUST00000052224	Psapl1	1.07641E-08	3.52817	Week 2 up vs Week 1
10380059	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	6.75214E-09	3.53246	Week 2 up vs Week 1
10380061	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	6.75214E-09	3.53246	Week 2 up vs Week 1
10380063	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	6.75214E-09	3.53246	Week 2 up vs Week 1
10380065	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	6.75214E-09	3.53246	Week 2 up vs Week 1
10457628	NM_199055 // Chst9 // carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase	Chst9	2.43189E-06	3.53259	Week 2 up vs Week 1
10558795	NM_019762 // Pkp3 // plakophilin 3 // 7 F5 // 56460 /// NM_001162924 // Pkp3 //	Pkp3	1.98081E-08	3.53451	Week 2 up vs Week 1
10432886	NM_008475 // Krt4 // keratin 4 // 15 F3|15 58.84 cM // 16682 /// ENSMUST00000023	Krt4	1.43564E-05	3.53451	Week 2 up vs Week 1
10441270	NM_023663 // Ripk4 // receptor-interacting serine-threonine kinase 4 // 16 C4 //	Ripk4	1.61503E-06	3.53498	Week 2 up vs Week 1
10570741	NM_007843 // Defb1 // defensin beta 1 // 8 A4|8 9.0 cM // 13214 /// ENSMUST00000	Defb1	4.11064E-06	3.54227	Week 2 up vs Week 1
10603228	---		6.85525E-06	3.54642	Week 2 up vs Week 1
10517009	NM_031393 // Sytl1 // synaptotagmin-like 1 // 4 D2.3 // 269589 /// ENSMUST000000	Sytl1	4.68742E-08	3.54729	Week 2 up vs Week 1
10526410	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	2.08889E-08	3.54946	Week 2 up vs Week 1
10362674	NR_002842 // Rnu3a // U3A small nuclear RNA // 10 B1 // 19850	Rnu3a	2.1297E-09	3.5699	Week 2 up vs Week 1
10565204	NM_007562 // Bnc1 // basonuclin 1 // 7 D3 // 12173 /// ENSMUST00000026096 // Bnc	Bnc1	0.000639328	3.57618	Week 2 up vs Week 1
10559420	NM_181820 // Tmc4 // transmembrane channel-like gene family 4 // 7 A1 // 353499	Tmc4	4.07695E-06	3.6007	Week 2 up vs Week 1
10408928	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	1.05996E-08	3.60154	Week 2 up vs Week 1
10559185	NM_018802 // Syt8 // synaptotagmin VIII // 7 F5 // 55925 /// ENSMUST00000118276	Syt8	3.29972E-08	3.60574	Week 2 up vs Week 1
10455015	NR_027885 // Vaultrc5 // vault RNA component 5 // --- // 378472	Vaultrc5	3.14139E-05	3.6157	Week 2 up vs Week 1
10467206	NM_016854 // Ppp1r3c // protein phosphatase 1, regulatory (inhibitor) subunit 3C	Ppp1r3c	2.40034E-05	3.61869	Week 2 up vs Week 1
10338732	---		0.00113103	3.62324	Week 2 up vs Week 1
10399465	NM_029007 // Fam84a // family with sequence similarity 84, member A // 12 A3 //	Fam84a	5.11556E-06	3.62392	Week 2 up vs Week 1
10598057	---		7.87915E-06	3.62505	Week 2 up vs Week 1
10371111	NM_013769 // Tjp3 // tight junction protein 3 // 10 C1 // 27375 /// ENSMUST00000	Tjp3	1.93306E-08	3.64943	Week 2 up vs Week 1
10435514	NM_134109 // Ildr1 // immunoglobulin-like domain containing receptor 1 // 16 B3	Ildr1	3.29456E-08	3.64964	Week 2 up vs Week 1
10341453	---		0.000467304	3.65138	Week 2 up vs Week 1
10603914	NM_001109969 // Gm10058 // predicted gene 10058 // X A2|X // 100039240 /// NM_00	Gm10058	3.08135E-07	3.65407	Week 2 up vs Week 1
10439087	NM_146071 // Muc20 // mucin 20 // 16 B3 // 224116 /// NM_001145874 // Muc20 // m	Muc20	1.44304E-07	3.65596	Week 2 up vs Week 1
10339585	---		8.00814E-10	3.65605	Week 2 up vs Week 1
10343411	---		6.9408E-11	3.663	Week 2 up vs Week 1
10597182	BC157956 // Nbeal2 // neurobeachin-like 2 // 9 F2 // 235627 /// BC172118 // Nbea	Nbeal2	9.20687E-10	3.68892	Week 2 up vs Week 1

10598062	---		6.52224E-07	3.69654	Week 2 up vs Week 1
10338066	---		7.1193E-10	3.70095	Week 2 up vs Week 1
10570434	NM_026820 // Ifitm1 // interferon induced transmembrane protein 1 // 7 F5 // 687	Ifitm1	6.68751E-07	3.70908	Week 2 up vs Week 1
10472235	NM_029723 // Dapl1 // death associated protein-like 1 // 2 C3 // 76747 /// ENSMU	Dapl1	0.000547945	3.72626	Week 2 up vs Week 1
10513008	NM_010637 // Klf4 // Kruppel-like factor 4 (gut) // 4 B3|4 19.7 cM // 16600 ///	Klf4	1.35346E-07	3.72701	Week 2 up vs Week 1
10447383	NM_008532 // Epcam // epithelial cell adhesion molecule // 17 E4 // 17075 /// EN	Epcam	3.1879E-06	3.72734	Week 2 up vs Week 1
10487405	NM_138750 // Prom2 // prominin 2 // 2 F1 // 192212 /// NM_178047 // Prom2 // pro	Prom2	1.24103E-08	3.73189	Week 2 up vs Week 1
10608136	---		6.14241E-10	3.74042	Week 2 up vs Week 1
10340429	---		1.8951E-11	3.74452	Week 2 up vs Week 1
10572097	NM_028182 // Sh2d4a // SH2 domain containing 4A // 8 C1 // 72281 /// ENSMUST0000	Sh2d4a	7.40358E-07	3.74903	Week 2 up vs Week 1
10340759	---		8.17003E-10	3.75712	Week 2 up vs Week 1
10448409	NM_133731 // Prss22 // protease, serine, 22 // 17 A3.3|17 10.7 cM // 70835 /// E	Prss22	4.63881E-06	3.76718	Week 2 up vs Week 1
10360398	NM_008327 // Ifi202b // interferon activated gene 202B // 1 H3 // 26388 /// NM_0	Ifi202b	5.60296E-05	3.77453	Week 2 up vs Week 1
10558880	NM_133191 // Eps8l2 // EPS8-like 2 // 7 F5 // 98845 /// ENSMUST00000026577 // Ep	Eps8l2	3.02563E-08	3.78892	Week 2 up vs Week 1
10342469	---		5.3951E-08	3.79459	Week 2 up vs Week 1
10391052	NM_016958 // Krt14 // keratin 14 // 11 D|11 58.6 cM // 16664 /// ENSMUST00000007	Krt14	1.28553E-06	3.79678	Week 2 up vs Week 1
10460782	NM_130453 // Gpha2 // glycoprotein hormone alpha 2 // 19 A // 170458 /// ENSMUST	Gpha2	4.61408E-08	3.80178	Week 2 up vs Week 1
10592044	NM_144936 // Tmem45b // transmembrane protein 45b // 9 A4 // 235135 /// ENSMUST0	Tmem45b	1.73152E-06	3.83311	Week 2 up vs Week 1
10378438	---		7.09072E-06	3.84679	Week 2 up vs Week 1
10580469	NM_019626 // Cbln1 // cerebellin 1 precursor protein // 8 C3|8 40.0 cM // 12404	Cbln1	8.13328E-08	3.8495	Week 2 up vs Week 1
10393936	NM_007621 // Cbr2 // carbonyl reductase 2 // 11 E2|11 72.5 cM // 12409 /// ENSMU	Cbr2	3.32045E-07	3.85416	Week 2 up vs Week 1
10517401	NM_001013756 // Grhl3 // grainyhead-like 3 (Drosophila) // 4 D3 // 230824 /// EN	Grhl3	5.50199E-08	3.85637	Week 2 up vs Week 1
10502590	NM_207208 // Clca6 // chloride channel calcium activated 6 // 3 H2 // 99663 ///	Clca6	3.36957E-09	3.85913	Week 2 up vs Week 1
10592001	NM_011176 // St14 // suppression of tumorigenicity 14 (colon carcinoma) // 9 A4|	St14	2.28085E-07	3.86162	Week 2 up vs Week 1
10496425	NM_009626 // Adh7 // alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide	Adh7	3.36801E-06	3.86754	Week 2 up vs Week 1
10484520	BC120879 // 4833423E24Rik // RIKEN cDNA 4833423E24 gene // 2 D // 228151 /// ENS	4833423E24Rik	2.42903E-05	3.87411	Week 2 up vs Week 1
10493910	NM_001034860 // Gm4858 // predicted gene 4858 // 3 F1|3 // 229571 /// ENSMUST000	Gm4858	5.12755E-06	3.87587	Week 2 up vs Week 1
10339836	---		4.8844E-11	3.88462	Week 2 up vs Week 1
10588043	NM_009034 // Rbp2 // retinol binding protein 2, cellular // 9 E3.3|9 57.0 cM //	Rbp2	5.26706E-06	3.88663	Week 2 up vs Week 1
10413542	NM_009388 // Tkt // transketolase // 14 B1 // 21881 /// ENSMUST00000022529 // Tk	Tkt	0.000130221	3.9151	Week 2 up vs Week 1
10349953	NM_027979 // Chit1 // chitinase 1 (chitotriosidase) // 1 E4 // 71884 /// ENSMUST	Chit1	4.13954E-07	3.91802	Week 2 up vs Week 1
10338332	---		0.00121179	3.93603	Week 2 up vs Week 1
10555233	---		8.55009E-09	3.9546	Week 2 up vs Week 1
10460259	ENSMUST00000100032 // Aldh3b2 // aldehyde dehydrogenase 3 family, member B2 // 1	Aldh3b2	1.61844E-06	3.96645	Week 2 up vs Week 1
10531724	NM_139198 // Plac8 // placenta-specific 8 // 5 E3|5 54.0 cM // 231507 /// ENSMUS	Plac8	2.09886E-06	3.97341	Week 2 up vs Week 1
10438592	NM_001083894 // Liph // lipase, member H // 16 B1|16 14.8 cM // 239759 /// NM_15	Liph	4.53032E-06	3.9803	Week 2 up vs Week 1
10381049	NM_001080925 // Rapgefl1 // Rap guanine nucleotide exchange factor (GEF)-like 1	Rapgefl1	4.25631E-07	4.00226	Week 2 up vs Week 1
10394471	NM_011519 // Sdc1 // syndecan 1 // 12 A1.1|12 1.0 cM // 20969 /// ENSMUST0000002	Sdc1	2.58495E-06	4.00676	Week 2 up vs Week 1
10416273	NM_145981 // Phyhip // phytanoyl-CoA hydroxylase interacting protein // 14 D2 //	Phyhip	9.30538E-09	4.03502	Week 2 up vs Week 1
10599008	NM_020049 // Slc6a14 // solute carrier family 6 (neurotransmitter transporter),	Slc6a14	2.28255E-05	4.0427	Week 2 up vs Week 1
10414360	NM_001145953 // Lgals3 // lectin, galactose binding, soluble 3 // 14 C1 // 16854	Lgals3	7.74214E-08	4.048	Week 2 up vs Week 1
10603953	NM_001040669 // Gm5169 // predicted gene 5169 // X A2 // 382277 /// NM_001109970	Gm5169	2.86057E-07	4.05033	Week 2 up vs Week 1
10539135	NM_007599 // Capg // capping protein (actin filament), gelsolin-like // 6 C3 //	Capg	2.07546E-07	4.07785	Week 2 up vs Week 1
10561008	NM_001039185 // Ceacam1 // carcinoembryonic antigen-related cell adhesion molecu	Ceacam1	8.93376E-08	4.08042	Week 2 up vs Week 1
10442381	NM_175440 // Prss27 // protease, serine 27 // 17 A3.3|17 10.6 cM // 213171 /// E	Prss27	1.76973E-09	4.08412	Week 2 up vs Week 1
10487441	NM_010762 // Mal // myelin and lymphocyte protein, T-cell differentiation protei	Mal	7.56696E-07	4.10231	Week 2 up vs Week 1
10417568	NM_146050 // Oit1 // oncoprotein induced transcript 1 // 14 A1 // 18300 /// ENSM	Oit1	1.20856E-08	4.12298	Week 2 up vs Week 1
10556734	NM_054094 // Acsm1 // acyl-CoA synthetase medium-chain family member 1 // 7 F3 /	Acsm1	0.000418698	4.13726	Week 2 up vs Week 1
10391025	NM_008469 // Krt15 // keratin 15 // 11 D|11 58.5 cM // 16665 /// ENSMUST00000107	Krt15	8.7005E-09	4.1376	Week 2 up vs Week 1
10531022	NM_172880 // Tmprss11e // transmembrane protease, serine 11e // 5 E1 // 243084 /	Tmprss11e	0.000114415	4.14321	Week 2 up vs Week 1
10593035	NM_145403 // Tmprss4 // transmembrane protease, serine 4 // 9 A5.2 // 214523 ///	Tmprss4	2.91596E-08	4.19363	Week 2 up vs Week 1
10604528	NM_134163 // Mbnl3 // muscleblind-like 3 (Drosophila) // X A5 // 171170 /// ENSM	Mbnl3	2.22846E-07	4.22468	Week 2 up vs Week 1
10453939	NM_010680 // Lama3 // laminin, alpha 3 // 18 A|18 3.0 cM // 16774 /// ENSMUST000	Lama3	6.87429E-09	4.22726	Week 2 up vs Week 1
10469984	NM_146117 // Lrrc26 // leucine rich repeat containing 26 // 2 A3 // 227618 /// E	Lrrc26	9.12969E-07	4.23528	Week 2 up vs Week 1
10434808	NM_175165 // Tprg // transformation related protein 63 regulated // 16 B1 // 713	Tprg	1.00245E-07	4.24408	Week 2 up vs Week 1
10581455	NM_176838 // Esrp2 // epithelial splicing regulatory protein 2 // 8 D3 // 77411	Esrp2	1.39413E-07	4.24981	Week 2 up vs Week 1
10591522	NM_001110300 // Ap1m2 // adaptor protein complex AP-1, mu 2 subunit // 9 A3|9 9.	Ap1m2	2.43222E-07	4.26207	Week 2 up vs Week 1
10598077	---		1.71372E-07	4.26525	Week 2 up vs Week 1
10534395	NM_009903 // Cldn4 // claudin 4 // 5 G2|5 75.0 cM // 12740 /// ENSMUST0000005140	Cldn4	5.5277E-07	4.26579	Week 2 up vs Week 1
10550980	NM_133743 // Lypd3 // Ly6/Plaur domain containing 3 // 7 A3 // 72434 /// ENSMUST	Lypd3	9.12082E-06	4.27051	Week 2 up vs Week 1
10604984	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	7.03488E-08	4.29618	Week 2 up vs Week 1
10526452	NM_027158 // 2310043J07Rik // RIKEN cDNA 2310043J07 gene // --- // 69665 /// ENS	2310043J07Rik	3.55198E-06	4.30843	Week 2 up vs Week 1
10339660	---		1.402E-11	4.31039	Week 2 up vs Week 1
10341611	---		1.02178E-10	4.32001	Week 2 up vs Week 1
10439282	NM_001033239 // Csta // cystatin A // 16 B3 // 209294 /// ENSMUST00000096090 //	Csta	1.71536E-05	4.32638	Week 2 up vs Week 1

10603926	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.17087E-08	4.328	Week 2 up vs Week 1
10341351	---		1.6227E-11	4.33815	Week 2 up vs Week 1
10507137	NM_026018 // Pdzk1ip1 // PDZK1 interacting protein 1 // 4 D1 // 67182 /// ENSMUS	Pdzk1ip1	1.32414E-08	4.35246	Week 2 up vs Week 1
10338365	---		5.37111E-06	4.35739	Week 2 up vs Week 1
10600131	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	1.66347E-07	4.37436	Week 2 up vs Week 1
10416850	NM_022886 // Scel // sciellin // 14 E // 64929 /// ENSMUST00000095576 // Scel //	Scel	1.99249E-06	4.37607	Week 2 up vs Week 1
10483249	NM_015736 // Galnt3 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylga	Galnt3	1.39698E-07	4.37783	Week 2 up vs Week 1
10598064	---		1.15036E-07	4.39027	Week 2 up vs Week 1
10474936	NM_016907 // Spint1 // serine protease inhibitor, Kunitz type 1 // 2 E5 // 20732	Spint1	1.12991E-07	4.39797	Week 2 up vs Week 1
10544417	NM_023580 // Epha1 // Eph receptor A1 // 6 B2.1 // 13835 /// ENSMUST00000073387	Epha1	3.2602E-07	4.40908	Week 2 up vs Week 1
10350159	NM_133664 // Lad1 // ladinin // 1 E4 // 16763 /// ENSMUST00000038760 // Lad1 //	Lad1	5.21783E-08	4.42473	Week 2 up vs Week 1
10492815	NM_177260 // Tmem154 // transmembrane protein 154 // 3 F1 // 320782 /// ENSMUST0	Tmem154	4.20129E-08	4.44454	Week 2 up vs Week 1
10445061	NM_001099632 // Rnf39 // ring finger protein 39 // 17 B1 // 386454 /// ENSMUST00	Rnf39	2.82604E-08	4.44817	Week 2 up vs Week 1
10557862	NM_001082960 // Itgam // integrin alpha M // 7 F4 // 16409 /// NM_008401 // Itga	Itgam	2.57104E-07	4.48514	Week 2 up vs Week 1
10575833	NM_008290 // Hsd17b2 // hydroxysteroid (17-beta) dehydrogenase 2 // 8 E1 // 1548	Hsd17b2	2.58509E-06	4.5155	Week 2 up vs Week 1
10458828	NM_033037 // Cdo1 // cysteine dioxygenase 1, cytosolic // 18 C|18 23.0 cM // 125	Cdo1	1.92441E-07	4.53174	Week 2 up vs Week 1
10598220			2.03043E-06	4.53708	Week 2 up vs Week 1
10554034	DQ646881 // Lass3 // LAG1 homolog, ceramide synthase 3 // 7 C // 545975 /// DQ35	Lass3	4.06741E-07	4.55632	Week 2 up vs Week 1
10594277	NM_028748 // Paqr5 // progestin and adipoQ receptor family member V // 9 C // 74	Paqr5	6.48449E-09	4.56413	Week 2 up vs Week 1
10368947	NM_172393 // Aim1 // absent in melanoma 1 // 10 B2|10 29.0 cM // 11630 /// ENSMU	Aim1	1.48041E-06	4.57198	Week 2 up vs Week 1
10598225	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	1.94973E-06	4.58454	Week 2 up vs Week 1
10522411	BC016523 // C130090K23Rik // RIKEN cDNA C130090K23 gene // 5 C3.2 // 231293 ///	C130090K23Rik	4.55756E-07	4.5893	Week 2 up vs Week 1
10341932	---		0.000303069	4.58973	Week 2 up vs Week 1
10468344	NM_007732 // Col17a1 // collagen, type XVII, alpha 1 // 19 D1|19 49.0 cM // 1282	Col17a1	5.26114E-06	4.59404	Week 2 up vs Week 1
10429691	NM_134087 // Fam83h // family with sequence similarity 83, member H // 15 D3 //	Fam83h	1.60656E-08	4.60027	Week 2 up vs Week 1
10599064	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.96408E-08	4.60187	Week 2 up vs Week 1
10429584	---		3.81258E-07	4.60794	Week 2 up vs Week 1
10597935	NM_133974 // Cdcp1 // CUB domain containing protein 1 // 9 F4 // 109332 /// ENSM	Cdcp1	3.05876E-08	4.61023	Week 2 up vs Week 1
10391013	NM_010662 // Krt13 // keratin 13 // 11 D|11 58.49 cM // 16663 /// ENSMUST0000000	Krt13	7.03248E-08	4.61863	Week 2 up vs Week 1
10466659	NM_010266 // Gda // guanine deaminase // 19 B|19 15.5 cM // 14544 /// ENSMUST000	Gda	7.78047E-08	4.6949	Week 2 up vs Week 1
10599086			1.16397E-06	4.69522	Week 2 up vs Week 1
10487994	NM_198029 // Fermt1 // fermitin family homolog 1 (Drosophila) // 2 F2 // 241639	Fermt1	1.5363E-07	4.70281	Week 2 up vs Week 1
10603986	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	8.31818E-08	4.71998	Week 2 up vs Week 1
10604023	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	8.31818E-08	4.71998	Week 2 up vs Week 1
10564539	NM_001024703 // Mctp2 // multiple C2 domains, transmembrane 2 // 7 D1 // 244049	Mctp2	1.48851E-06	4.75179	Week 2 up vs Week 1
10599075	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	1.22971E-07	4.76225	Week 2 up vs Week 1
10599107	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	1.22971E-07	4.76225	Week 2 up vs Week 1
10603964	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	1.22971E-07	4.76225	Week 2 up vs Week 1
10603997	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	1.22971E-07	4.76225	Week 2 up vs Week 1
10604008	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	1.22971E-07	4.76225	Week 2 up vs Week 1
10400072	NM_001146196 // Scin // scinderin // 12 B1 // 20259 /// NM_009132 // Scin // sci	Scin	1.26987E-05	4.77294	Week 2 up vs Week 1
10393197	NM_025276 // Evpl // envoplakin // 11 E1 // 14027 /// ENSMUST00000037007 // Evpl	Evpl	2.33746E-08	4.7874	Week 2 up vs Week 1
10598183	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	6.48826E-07	4.79535	Week 2 up vs Week 1
10462575	NM_023903 // Lipm // lipase, family member M // 19 C1 // 78753 /// ENSMUST000000	Lipm	2.35336E-06	4.80145	Week 2 up vs Week 1
10574572	BC027185 // 2210023G05Rik // RIKEN cDNA 2210023G05 gene // 8 D3 // 72361 /// ENS	2210023G05Rik	7.30425E-07	4.80799	Week 2 up vs Week 1
10361887	NM_022032 // Perp // PERP, TP53 apoptosis effector // 10 A2 // 64058 /// ENSMUST	Perp	2.50978E-08	4.80818	Week 2 up vs Week 1
10598079	---		4.95852E-09	4.80965	Week 2 up vs Week 1
10407416	NM_027416 // Calml3 // calmodulin-like 3 // 13 A1 // 70405 /// ENSMUST0000007769	Calml3	2.29312E-06	4.81726	Week 2 up vs Week 1
10390748	NM_172564 // Tns4 // tensin 4 // 11 D // 217169 /// ENSMUST00000017751 // Tns4 /	Tns4	1.26223E-05	4.82683	Week 2 up vs Week 1
10480238	NM_145838 // St8sia6 // ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransfera	St8sia6	3.27321E-08	4.82779	Week 2 up vs Week 1
10599096	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	6.37633E-08	4.83359	Week 2 up vs Week 1
10603975	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	6.37633E-08	4.83359	Week 2 up vs Week 1
10439292	NM_001082546 // BC100530 // cDNA sequence BC100530 // 16 B3 // 100034684 /// NM_	BC100530	4.43724E-07	4.8429	Week 2 up vs Week 1
10498361	NM_032399 // Gpr87 // G protein-coupled receptor 87 // 3 D // 84111 /// ENSMUST0	Gpr87	2.33406E-06	4.85233	Week 2 up vs Week 1
10356764	NM_172411 // 2310007B03Rik // RIKEN cDNA 2310007B03 gene // 1 D // 71874 /// NM_	2310007B03Rik	1.46031E-07	4.86364	Week 2 up vs Week 1
10598218	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	8.0365E-07	4.86713	Week 2 up vs Week 1
10338047	---		7.6087E-11	4.86728	Week 2 up vs Week 1
10558687	NM_029821 // 1190003J15Rik // RIKEN cDNA 1190003J15 gene // 7 F5 // 76974 /// EN	1190003J15Rik	1.45722E-06	4.87037	Week 2 up vs Week 1
10351588	NM_027893 // Pvrl4 // poliovirus receptor-related 4 // --- // 71740 /// NM_00112	Pvrl4	2.95858E-08	4.87054	Week 2 up vs Week 1
10582572	---		6.12036E-08	4.87121	Week 2 up vs Week 1
10502606	NM_207208 // Clca6 // chloride channel calcium activated 6 // 3 H2 // 99663 ///	Clca6	2.1296E-08	4.8852	Week 2 up vs Week 1
10603232	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	6.8002E-07	4.88947	Week 2 up vs Week 1
10603237	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	6.8002E-07	4.88947	Week 2 up vs Week 1
10496457	ENSMUST00000090166 // Adh6b // alcohol dehydrogenase 6B (class V) // 3 G3 // 229	Adh6b	6.03803E-06	4.96164	Week 2 up vs Week 1
10429500	NM_020519 // Slurp1 // secreted Ly6/Plaur domain containing 1 // 15 D3 // 57277	Slurp1	0.000184415	4.9662	Week 2 up vs Week 1

10584604	NM_023655 // Trim29 // tripartite motif-containing 29 // 9 A5.1 // 72169 /// ENS	Trim29	1.3377E-06	4.97923	Week 2 up vs Week 1
10595070	BC120577 // Fam83b // family with sequence similarity 83, member B // 9 D // 208	Fam83b	2.71051E-06	4.98707	Week 2 up vs Week 1
10598081	---		8.04372E-09	5.01237	Week 2 up vs Week 1
10574560	BC117742 // 2310038E17Rik // RIKEN cDNA 2310038E17 gene // 8 D3 // 71903 /// BC1	2310038E17Rik	8.662E-09	5.01853	Week 2 up vs Week 1
10358124	NM_019645 // Pkp1 // plakophilin 1 // 1 E4 // 18772 /// ENSMUST00000027667 // Pk	Pkp1	4.99951E-08	5.02559	Week 2 up vs Week 1
10474102	---		3.52042E-07	5.0377	Week 2 up vs Week 1
10352827	ENSMUST00000016334 // A130010J15Rik // RIKEN cDNA A130010J15 gene // 1 H6 // 319	A130010J15Rik	4.00696E-09	5.04036	Week 2 up vs Week 1
10493794	NM_025393 // S100a14 // S100 calcium binding protein A14 // 3 F2 // 66166 /// EN	S100a14	1.62614E-06	5.04817	Week 2 up vs Week 1
10531009	NM_177024 // Tmprss11b // transmembrane protease, serine 11b // 5 E1 // 319875 /	Tmprss11b	9.53979E-06	5.05398	Week 2 up vs Week 1
10414065	NM_013473 // Anxa8 // annexin A8 // 14 B|14 13.0 cM // 11752 /// ENSMUST00000022	Anxa8	1.79643E-05	5.05683	Week 2 up vs Week 1
10376765	NM_007436 // Aldh3a1 // aldehyde dehydrogenase family 3, subfamily A1 // 11 B2|1	Aldh3a1	0.000157629	5.0751	Week 2 up vs Week 1
10517067	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	2.71901E-07	5.10581	Week 2 up vs Week 1
10368317	NM_134005 // Enpp3 // ectonucleotide pyrophosphatase/phosphodiesterase 3 // 10 A	Enpp3	2.81897E-08	5.12359	Week 2 up vs Week 1
10511560	NM_194055 // Esrp1 // epithelial splicing regulatory protein 1 // 4 A1 // 207920	Esrp1	2.09204E-06	5.17111	Week 2 up vs Week 1
10572635	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	6.92665E-07	5.18634	Week 2 up vs Week 1
10404132	NM_001111110 // Cmah // cytidine monophospho-N-acetylneuraminic acid hydroxylase	Cmah	1.3724E-07	5.18884	Week 2 up vs Week 1
10445251	NM_133776 // Gpr110 // G protein-coupled receptor 110 // 17 B3 // 77596 /// ENSM	Gpr110	5.75967E-07	5.22955	Week 2 up vs Week 1
10439500	NM_178924 // Upk1b // uroplakin 1B // 16 B5-C2 // 22268 /// ENSMUST00000057767 /	Upk1b	1.92577E-06	5.23221	Week 2 up vs Week 1
10487447	NM_145532 // Mall // mal, T-cell differentiation protein-like // 2 F1 // 228576	Mall	2.91625E-10	5.24058	Week 2 up vs Week 1
10550509	NM_009402 // Pglyrp1 // peptidoglycan recognition protein 1 // 7 A3 // 21946 ///	Pglyrp1	7.68566E-09	5.28442	Week 2 up vs Week 1
10474467	NM_172979 // Muc15 // mucin 15 // 2 E3 // 269328 /// ENSMUST00000111017 // Muc15	Muc15	2.59834E-06	5.29234	Week 2 up vs Week 1
10605034	NM_183094 // Xlr4c // X-linked lymphocyte-regulated 4C // X A7.3 // 72891 /// NM	Xlr4c	2.63345E-06	5.31322	Week 2 up vs Week 1
10394119	NM_178763 // Zfp750 // zinc finger protein 750 // 11 E2 // 319530 /// ENSMUST000	Zfp750	1.30243E-08	5.31921	Week 2 up vs Week 1
10530986	NM_177162 // 9930032O22Rik // RIKEN cDNA 9930032O22 gene // 5 E1 // 320454 /// E	9930032O22Rik	6.46052E-06	5.32351	Week 2 up vs Week 1
10521038	NM_019810 // Slc5a1 // solute carrier family 5 (sodium/glucose cotransporter), m	Slc5a1	2.02311E-07	5.32408	Week 2 up vs Week 1
10349138	NM_025867 // Serpinb11 // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb11	1.12852E-05	5.35123	Week 2 up vs Week 1
10545168	NM_020047 // Tacstd2 // tumor-associated calcium signal transducer 2 // --- // 5	Tacstd2	9.49254E-07	5.37617	Week 2 up vs Week 1
10606495	NM_181579 // Pof1b // premature ovarian failure 1B // X E1 // 69693 /// ENSMUST0	Pof1b	9.33448E-06	5.40061	Week 2 up vs Week 1
10530960	NM_145561 // Tmprss11d // transmembrane protease, serine 11d // 5 E1 // 231382 /	Tmprss11d	0.000104541	5.40863	Week 2 up vs Week 1
10467115	NM_024204 // Ankrd22 // ankyrin repeat domain 22 // 19 C1|19 24.0 cM // 52024 //	Ankrd22	1.31961E-07	5.40979	Week 2 up vs Week 1
10584827	NM_007962 // Mpzl2 // myelin protein zero-like 2 // 9 A5.2|9 26.0 cM // 14012 //	Mpzl2	2.00919E-07	5.41367	Week 2 up vs Week 1
10512156	NM_016689 // Aqp3 // aquaporin 3 // --- // 11828 /// ENSMUST00000055327 // Aqp3	Aqp3	4.76496E-08	5.49893	Week 2 up vs Week 1
10535174	NM_001161548 // Tmem184a // transmembrane protein 184a // 5 G2 // 231832 /// NM_	Tmem184a	1.86276E-08	5.50269	Week 2 up vs Week 1
10457686	NM_013505 // Dsc2 // desmocollin 2 // 18 A2|18 7.0 cM // 13506 /// ENSMUST000000	Dsc2	7.96821E-07	5.51031	Week 2 up vs Week 1
10352815	NM_016851 // Irf6 // interferon regulatory factor 6 // 1 H6|1 104.0 cM // 54139	Irf6	4.77927E-07	5.51764	Week 2 up vs Week 1
10464137	BC090250 // 9930023K05Rik // RIKEN cDNA 9930023K05 gene // 19 D2 // 226245 /// B	9930023K05Rik	9.49103E-07	5.57248	Week 2 up vs Week 1
10485445	NM_007914 // Ehf // ets homologous factor // 2 E2 // 13661 /// ENSMUST0000009047	Ehf	3.61643E-07	5.58709	Week 2 up vs Week 1
10529819	NM_008009 // Fgfbp1 // fibroblast growth factor binding protein 1 // 5 B3 // 141	Fgfbp1	3.26542E-07	5.61015	Week 2 up vs Week 1
10470101	NM_027085 // Clic3 // chloride intracellular channel 3 // 2 A3 // 69454 /// ENSM	Clic3	3.23903E-07	5.61799	Week 2 up vs Week 1
10449807	NM_001033163 // Ephx3 // epoxide hydrolase 3 // 17 B1 // 71932 /// ENSMUST000000	Ephx3	8.88375E-10	5.62712	Week 2 up vs Week 1
10513320	NM_025968 // Ptgr1 // prostaglandin reductase 1 // 4 C1 // 67103 /// ENSMUST0000	Ptgr1	1.99757E-06	5.63071	Week 2 up vs Week 1
10338718	---		6.1502E-11	5.70001	Week 2 up vs Week 1
10339282	---		2.33377E-05	5.71452	Week 2 up vs Week 1
10341626	---		4.3E-14	5.75217	Week 2 up vs Week 1
10432682	NM_028770 // Krt80 // keratin 80 // 15 F3|15 // 74127 /// ENSMUST00000077196 //	Krt80	1.60427E-09	5.75663	Week 2 up vs Week 1
10432774	NM_010669 // Krt6b // keratin 6B // 15 F2|15 58.76 cM // 16688 /// ENSMUST000000	Krt6b	2.26271E-07	5.77557	Week 2 up vs Week 1
10582580	---		6.31334E-07	5.79638	Week 2 up vs Week 1
10373610	NM_146318 // Olfr767 // olfactory receptor 767 // --- // 258315 /// ENSMUST00000	Olfr767	8.67248E-09	5.8152	Week 2 up vs Week 1
10454154	NM_030596 // Dsg3 // desmoglein 3 // 18 A2|18 7.04 cM // 13512 /// ENSMUST000000	Dsg3	9.13727E-07	5.82978	Week 2 up vs Week 1
10549655	NM_026146 // Eps8l1 // EPS8-like 1 // 7 A1 // 67425 /// ENSMUST00000086372 // Ep	Eps8l1	2.76547E-08	5.84134	Week 2 up vs Week 1
10409713	NM_022317 // Slc28a3 // solute carrier family 28 (sodium-coupled nucleoside tran	Slc28a3	4.39693E-08	5.85635	Week 2 up vs Week 1
10460251	AK081788 // 1700055N04Rik // RIKEN cDNA 1700055N04 gene // 19 A // 73458 /// XM_	1700055N04Rik	1.5855E-07	5.89029	Week 2 up vs Week 1
10435112	NM_080457 // Muc4 // mucin 4 // 16 B3 // 140474 /// ENSMUST00000096106 // Muc4 /	Muc4	3.18193E-08	5.90563	Week 2 up vs Week 1
10444674	NM_023463 // Ly6g6c // lymphocyte antigen 6 complex, locus G6C // 17 B1 // 68468	Ly6g6c	2.51766E-06	5.91472	Week 2 up vs Week 1
10338064	---		5.6681E-11	5.95559	Week 2 up vs Week 1
10358027	NM_007921 // Elf3 // E74-like factor 3 // 1 F // 13710 /// ENSMUST00000003135 //	Elf3	8.33387E-08	5.97913	Week 2 up vs Week 1
10598075	---		2.51504E-09	5.98311	Week 2 up vs Week 1
10343508	---		4.33874E-09	6.01098	Week 2 up vs Week 1
10450525	AB242596 // Gm9573 // predicted gene 9573 // 17 B1|17 // 672682	Gm9573	1.45531E-07	6.01195	Week 2 up vs Week 1
10499412	NM_016899 // Rab25 // RAB25, member RAS oncogene family // 3 E3-F1 // 53868 ///	Rab25	4.80184E-08	6.03917	Week 2 up vs Week 1
10365640	NM_145423 // Slc5a8 // solute carrier family 5 (iodide transporter), member 8 //	Slc5a8	3.70877E-09	6.0432	Week 2 up vs Week 1
10390841	NM_010661 // Krt12 // keratin 12 // 11 D|11 58.0 cM // 268482 /// ENSMUST0000001	Krt12	0.000640119	6.21458	Week 2 up vs Week 1
10423623	BC030476 // BC030476 // cDNA sequence BC030476 // 15 B3.1 // 239368 /// BC099414	BC030476	6.6924E-06	6.26538	Week 2 up vs Week 1
10454113	NM_010079 // Dsg1a // desmoglein 1 alpha // 18 A2|18 7.01 cM // 13510 /// NM_181	Dsg1a	8.40171E-05	6.31024	Week 2 up vs Week 1
10537169	NM_009731 // Akr1b7 // aldo-keto reductase family 1, member B7 // 6 B1|6 14.0 cM	Akr1b7	1.83668E-08	6.41613	Week 2 up vs Week 1

10419034	BC049685 // 2610528A11Rik // RIKEN cDNA 2610528A11 gene // 14 B // 70045	2610528A11Rik	4.63484E-06	6.44044	Week 2 up vs Week 1
10424245	NM_173862 // Fam83a // family with sequence similarity 83, member A // 15 D1 //	Fam83a	2.07978E-05	6.4494	Week 2 up vs Week 1
10400304	NM_028133 // Egln3 // EGL nine homolog 3 (C. elegans) // 12 C1 // 112407 /// ENS	Egln3	6.66004E-07	6.46143	Week 2 up vs Week 1
10349108	NM_009257 // Serpinb5 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb5	1.60504E-05	6.48089	Week 2 up vs Week 1
10377673	NM_016887 // Cldn7 // claudin 7 // 11 B4 // 53624 /// ENSMUST00000018713 // Cldn	Cldn7	9.47979E-09	6.5115	Week 2 up vs Week 1
10437516	NM_008909 // Ppl // periplakin // 16 A-B1|16 4.4 cM // 19041 /// ENSMUST00000035	Ppl	4.05821E-08	6.59028	Week 2 up vs Week 1
10432780	NM_008476 // Krt6a // keratin 6A // 15 F2|15 58.77 cM // 16687 /// ENSMUST000000	Krt6a	4.99277E-08	6.60307	Week 2 up vs Week 1
10408861	NM_175417 // 9530008L14Rik // RIKEN cDNA 9530008L14 gene // 13 A4 // 109254 ///	9530008L14Rik	1.64025E-06	6.61424	Week 2 up vs Week 1
10507152	NM_172306 // Cyp4a12b // cytochrome P450, family 4, subfamily a, polypeptide 12B	Cyp4a12b	9.72104E-07	6.63641	Week 2 up vs Week 1
10404649	NM_023842 // Dsp // desmoplakin // 13 A3.3 // 109620	Dsp	1.69121E-07	6.64206	Week 2 up vs Week 1
10445678	BC006605 // AI661453 // expressed sequence AI661453 // 17 C // 224833 /// NM_145	AI661453	6.316E-09	6.64438	Week 2 up vs Week 1
10338065	---		2.5368E-11	6.67168	Week 2 up vs Week 1
10603911	---		8.97078E-10	6.68063	Week 2 up vs Week 1
10457669	NM_007882 // Dsc3 // desmocollin 3 // 18 A2|18 7.0 cM // 13507 /// ENSMUST000001	Dsc3	4.69912E-06	7.1798	Week 2 up vs Week 1
10521892	NM_011402 // Slc34a2 // solute carrier family 34 (sodium phosphate), member 2 //	Slc34a2	1.29174E-07	7.27961	Week 2 up vs Week 1
10507143	NM_177406 // Cyp4a12a // cytochrome P450, family 4, subfamily a, polypeptide 12a	Cyp4a12a	1.08954E-07	7.32408	Week 2 up vs Week 1
10539739	NM_026414 // Asprv1 // aspartic peptidase, retroviral-like 1 // 6 D1 // 67855 //	Asprv1	2.6877E-09	7.42461	Week 2 up vs Week 1
10585186	NM_029639 // 1600029D21Rik // RIKEN cDNA 1600029D21 gene // 9 B // 76509 /// ENS	1600029D21Rik	4.57398E-09	7.48759	Week 2 up vs Week 1
10582582	---		1.39326E-06	7.62073	Week 2 up vs Week 1
10582584	---		1.39326E-06	7.62073	Week 2 up vs Week 1
10460253	ENSMUST00000100032 // Aldh3b2 // aldehyde dehydrogenase 3 family, member B2 // 1	Aldh3b2	1.31993E-07	7.70323	Week 2 up vs Week 1
10580635	NM_053200 // Ces3 // carboxylesterase 3 // 8 C5 // 104158 /// ENSMUST00000034172	Ces3	2.1148E-07	7.71291	Week 2 up vs Week 1
10342476	---		2.97576E-05	7.79049	Week 2 up vs Week 1
10561478	NM_001081115 // Nccrp1 // non-specific cytotoxic cell receptor protein 1 homolog	Nccrp1	4.01215E-10	7.89303	Week 2 up vs Week 1
10424113	NM_178920 // Mal2 // mal, T-cell differentiation protein 2 // 15 D1 // 105853 //	Mal2	4.36307E-06	8.34819	Week 2 up vs Week 1
10338067	---		3.25E-12	8.91335	Week 2 up vs Week 1
10530974	NM_001033233 // Tmprss11a // transmembrane protease, serine 11a // 5 E1 // 19459	Tmprss11a	2.42242E-05	8.91589	Week 2 up vs Week 1
10340926	---		6.2795E-10	10.4906	Week 2 up vs Week 1
10426767	NM_009701 // Aqp5 // aquaporin 5 // 15 F1|15 56.8 cM // 11830 /// ENSMUST0000004	Aqp5	2.84879E-08	11.7126	Week 2 up vs Week 1
10429506	NM_026671 // Lypd2 // Ly6/Plaur domain containing 2 // 15 E1 // 68311 /// ENSMUS	Lypd2	1.46831E-06	14.7926	Week 2 up vs Week 1
10424662	NM_028216 // Psca // prostate stem cell antigen // 15 D3 // 72373 /// ENSMUST000	Psca	7.19461E-08	20.6906	Week 2 up vs Week 1

Week 3 vs 1 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 3 vs. Week 1)	Fold-Change(Week 3 vs. Week 1)	Fold-Change(Week 3 vs. Week 1) (Description)
10362422	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	4.776E-12	-61.9195	Week 3 down vs Week 1
10362436	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.34602E-10	-44.5871	Week 3 down vs Week 1
10362428	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.209E-11	-42.6455	Week 3 down vs Week 1
10377087	NM_030679 // Myh1 // myosin, heavy polypeptide 1, skeletal muscle, adult // 11 B	Myh1	2.507E-12	-39.5046	Week 3 down vs Week 1
10355259	NM_021285 // Myl1 // myosin, light polypeptide 1 // 1 C3|1 34.1 cM // 17901 ///	Myl1	3.111E-12	-39.2817	Week 3 down vs Week 1
10483871	NM_011652 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// NM_028004 // Ttn // titi	Ttn	1.099E-12	-34.3527	Week 3 down vs Week 1
10436128	XM_001002743 // Myh15 // myosin, heavy chain 15 // 16 B5 // 667772	Myh15	1.86784E-05	-34.0206	Week 3 down vs Week 1
10355191	NM_007776 // Crygd // crystallin, gamma D // 1 C2|1 32.0 cM // 12967 /// ENSMUST	Crygd	2.46163E-05	-29.8874	Week 3 down vs Week 1
10362424	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	6.41153E-10	-29.6457	Week 3 down vs Week 1
10362434	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.5807E-11	-28.7416	Week 3 down vs Week 1
10484190	ENSMUST00000099981 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// ENSMUST00000070	Ttn	9.46038E-09	-28.6021	Week 3 down vs Week 1
10360235	NM_009813 // Casq1 // calsequestrin 1 // 1 H3|1 94.0 cM // 12372 /// ENSMUST0000	Casq1	1.4506E-10	-27.9036	Week 3 down vs Week 1
10377055	NM_001039545 // Myh2 // myosin, heavy polypeptide 2, skeletal muscle, adult // 1	Myh2	1.14248E-10	-27.7285	Week 3 down vs Week 1
10567879	NM_007504 // Atp2a1 // ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	Atp2a1	4.432E-12	-26.2602	Week 3 down vs Week 1
10489545	NM_009394 // Tnnc2 // troponin C2, fast // 2 H3 // 21925 /// ENSMUST00000103095	Tnnc2	4.753E-12	-25.6419	Week 3 down vs Week 1
10362440	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.47862E-09	-24.4089	Week 3 down vs Week 1
10362420	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.3853E-11	-23.7871	Week 3 down vs Week 1
10362442	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.6666E-09	-22.6538	Week 3 down vs Week 1
10608001	NM_012011 // Eif2s3y // eukaryotic translation initiation factor 2, subunit 3, s	Eif2s3y	0.000175879	-22.5126	Week 3 down vs Week 1
10355202	NM_007774 // Cryga // crystallin, gamma A // 1 C2|1 32.0 cM // 12964 /// ENSMUST	Cryga	1.67187E-06	-21.9173	Week 3 down vs Week 1
10388707	NM_009965 // Cryba1 // crystallin, beta A1 // 11 B-C1|11 44.71 cM // 12957 /// E	Cryba1	2.91346E-05	-21.7086	Week 3 down vs Week 1
10377018	NM_001099635 // Myh3 // myosin, heavy polypeptide 3, skeletal muscle, embryonic	Myh3	1.82082E-05	-21.5145	Week 3 down vs Week 1
10371627	NM_175418 // Mybpc1 // myosin binding protein C, slow-type // 10 C1 // 109272 //	Mybpc1	8.728E-10	-20.2477	Week 3 down vs Week 1
10602756	NM_025357 // Smpx // small muscle protein, X-linked // X F4 // 66106 /// ENSMUST	Smpx	6.06932E-08	-19.3616	Week 3 down vs Week 1
10482528	NM_010889 // Neb // nebulin // 2 C1.1|2 30.0 cM // 17996 /// ENSMUST00000075301	Neb	2.14736E-10	-18.5657	Week 3 down vs Week 1
10355188	NM_007777 // Cryge // crystallin, gamma E // 1 C2|1 32.0 cM // 12968 /// NM_0270	Cryge	3.7279E-06	-18.0316	Week 3 down vs Week 1
10438668	NM_009967 // Crygs // crystallin, gamma S // 16 B1|16 16.1 cM // 12970 /// ENSMU	Crygs	3.48117E-05	-17.3736	Week 3 down vs Week 1
10338355	---		1.27441E-09	-16.8931	Week 3 down vs Week 1
10430297	NM_013645 // Pvalb // parvalbumin // 15 E|15 45.7 cM // 19293 /// ENSMUST0000012	Pvalb	3.16134E-08	-16.713	Week 3 down vs Week 1
10608107	NM_009484 // Uty // ubiquitously transcribed tetratricopeptide repeat gene, Y ch	Uty	0.000109386	-15.4119	Week 3 down vs Week 1
10377117	NM_010855 // Myh4 // myosin, heavy polypeptide 4, skeletal muscle // 11 B3|11 35	Myh4	4.93832E-07	-15.0351	Week 3 down vs Week 1
10582592	NM_009606 // Acta1 // actin, alpha 1, skeletal muscle // 8 E2|8 67.0 cM // 11459	Acta1	1.9833E-11	-14.955	Week 3 down vs Week 1
10472562	NM_001081087 // Kbtbd10 // kelch repeat and BTB (POZ) domain containing 10 // 2	Kbtbd10	5.91997E-10	-14.7317	Week 3 down vs Week 1
10355193	NM_001082573 // Crygc // crystallin, gamma C // 1 C2|1 32.0 cM // 12966 /// NM_0	Crygc	5.89488E-06	-14.2211	Week 3 down vs Week 1
10608138	NM_012008 // Ddx3y // DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked // Y A1	Ddx3y	0.000535965	-14.1748	Week 3 down vs Week 1
10352928	NM_011283 // Rp1 // retinitis pigmentosa 1 (human) // 1 A1|1 6.5 cM // 19888 ///	Rp1	3.22249E-07	-14.1159	Week 3 down vs Week 1
10557575	NM_016754 // Mylpf // myosin light chain, phosphorylatable, fast skeletal muscle	Mylpf	1.74193E-09	-13.9519	Week 3 down vs Week 1
10362404	NM_029726 // Trdn // triadin // 10 A4 // 76757 /// ENSMUST00000050626 // Trdn //	Trdn	7.14621E-09	-13.5684	Week 3 down vs Week 1
10550698	NM_007710 // Ckm // creatine kinase, muscle // 7 A3|7 4.5 cM // 12715 /// ENSMUS	Ckm	1.347E-08	-13.1991	Week 3 down vs Week 1
10350530	NM_001159730 // Pdc // phosducin // 1 G1|1 80.0 cM // 20028 /// NM_024458 // Pdc	Pdc	1.38185E-06	-12.943	Week 3 down vs Week 1
10484276	NM_010894 // Neurod1 // neurogenic differentiation 1 // 2 C3|2 46.0 cM // 18012	Neurod1	1.70213E-07	-12.7729	Week 3 down vs Week 1
10524338	NM_023695 // Crybb1 // crystallin, beta B1 // 5 F|5 59.0 cM // 12960 /// ENSMUST	Crybb1	3.1681E-06	-12.5607	Week 3 down vs Week 1
10377148	NM_177369 // Myh8 // myosin, heavy polypeptide 8, skeletal muscle, perinatal //	Myh8	2.19754E-09	-11.9367	Week 3 down vs Week 1
10608295	M38248 // LOC100039753 // similar to putative // Y B // 100039753 /// BC089466 /	LOC100039753	0.000716345	-11.6633	Week 3 down vs Week 1
10362418	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	5.73545E-08	-11.655	Week 3 down vs Week 1
10559221	NM_011620 // Tnnt3 // troponin T3, skeletal, fast // 7 F5|7 69.0 cM // 21957 ///	Tnnt3	8.4381E-11	-11.6317	Week 3 down vs Week 1
10490913	NM_007606 // Car3 // carbonic anhydrase 3 // 3 A2|3 11.7 cM // 12350 /// ENSMUST	Car3	5.61942E-10	-11.4461	Week 3 down vs Week 1
10384015	NM_018870 // Pgam2 // phosphoglycerate mutase 2 // 11 A1 // 56012 /// ENSMUST000	Pgam2	1.24395E-09	-11.3825	Week 3 down vs Week 1
10455461	NM_001033621 // Myot // myotilin // 18 B3 // 58916 /// ENSMUST00000025349 // Myo	Myot	1.26119E-08	-11.2942	Week 3 down vs Week 1
10528207	NM_001159557 // Cd36 // CD36 antigen // 5 A3|5 2.0 cM // 12491 /// NM_001159558	Cd36	2.82295E-08	-11.2501	Week 3 down vs Week 1
10608573	---		0.000174887	-11.0433	Week 3 down vs Week 1
10608576	---		0.000174887	-11.0433	Week 3 down vs Week 1
10608222	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.000154976	-10.9954	Week 3 down vs Week 1
10608321	---		0.000154976	-10.9954	Week 3 down vs Week 1
10608448	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.000154976	-10.9954	Week 3 down vs Week 1
10608348	L04852 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70009	Ssty2	0.000671251	-10.99	Week 3 down vs Week 1
10608452	BC089466 // LOC100041256 // hypothetical protein LOC100041256 // --- // 10004125	LOC100041256	0.000796605	-10.885	Week 3 down vs Week 1
10443830	NM_013501 // Cryaa // crystallin, alpha A // 17 A3-B|17 17.4 cM // 12954 /// ENS	Cryaa	0.000389565	-10.6432	Week 3 down vs Week 1
10608454	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00120211	-10.4417	Week 3 down vs Week 1
10608426	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00014999	-10.3868	Week 3 down vs Week 1
10408543	ENSMUST00000057428 // Mylk4 // myosin light chain kinase family, member 4 // 13	Mylk4	2.65692E-07	-10.3678	Week 3 down vs Week 1
10407742	NM_033268 // Actn2 // actinin alpha 2 // 13 A1|13 7.0 cM // 11472 /// ENSMUST000	Actn2	7.033E-09	-10.3547	Week 3 down vs Week 1
10608583	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.000173338	-10.0967	Week 3 down vs Week 1

10608606			0.00161133	-10.0272	Week 3 down vs Week 1
10608457	BC117086 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 700	Ssty2	0.00141065	-10.0169	Week 3 down vs Week 1
10608339	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00144777	-9.72927	Week 3 down vs Week 1
10608293	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.000593592	-9.64091	Week 3 down vs Week 1
10608377	BC049586 // LOC382133 // similar to RIKEN cDNA 1700029H17 // Y C2 // 382133 ///	LOC382133	0.0015615	-9.60248	Week 3 down vs Week 1
10437376	NM_175347 // Srl // sarcalumenin // 16 A1 // 106393 /// ENSMUST00000023161 // Sr	Srl	1.36713E-07	-9.5762	Week 3 down vs Week 1
10608373	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00128887	-9.52077	Week 3 down vs Week 1
10608474	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.000264601	-9.5169	Week 3 down vs Week 1
10608484	BC089465 // MGC107098 // similar to spermiogenesis specific transcript on the Y	MGC107098	0.00166426	-9.26851	Week 3 down vs Week 1
10608608	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00139398	-9.20188	Week 3 down vs Week 1
10608567	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.000256248	-9.08524	Week 3 down vs Week 1
10608477	BC089498 // LOC434960 // similar to spermiogenesis specific transcript on the Y	LOC434960	0.00158148	-9.0398	Week 3 down vs Week 1
10608382	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00036075	-9.0167	Week 3 down vs Week 1
10342609	---		2.51118E-06	-8.92497	Week 3 down vs Week 1
10608549	L04850 // LOC100042428 // spermiogenesis specific transcript on the Y 2-like //	LOC100042428	0.000949058	-8.91031	Week 3 down vs Week 1
10608531	---		0.000122982	-8.8687	Week 3 down vs Week 1
10608368	BC089466 // LOC100041256 // hypothetical protein LOC100041256 // --- // 10004125	LOC100041256	0.00183859	-8.60943	Week 3 down vs Week 1
10608327	BC089467 // LOC100040031 // hypothetical protein LOC100040031 // --- // 10004003	LOC100040031	0.00195444	-8.60909	Week 3 down vs Week 1
10362446	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	9.53852E-09	-8.60334	Week 3 down vs Week 1
10608282	L04848 // LOC434960 // similar to spermiogenesis specific transcript on the Y 2	LOC434960	0.00119172	-8.51563	Week 3 down vs Week 1
10362462	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	5.7745E-06	-8.47008	Week 3 down vs Week 1
10608365	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00152561	-8.43604	Week 3 down vs Week 1
10608394	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.000627482	-8.3199	Week 3 down vs Week 1
10608346	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.00135731	-8.2693	Week 3 down vs Week 1
10417933	NM_021508 // Myoz1 // myozenin 1 // 14 A3 // 59011 /// ENSMUST00000090469 // Myo	Myoz1	1.75772E-07	-8.23066	Week 3 down vs Week 1
10608308	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.000726635	-8.07062	Week 3 down vs Week 1
10608209	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.000558947	-8.05744	Week 3 down vs Week 1
10543233	NM_080464 // Ppp1r3a // protein phosphatase 1, regulatory (inhibitor) subunit 3A	Ppp1r3a	2.73869E-07	-7.97315	Week 3 down vs Week 1
10464836	NM_013456 // Actn3 // actinin alpha 3 // 19 A|19 3.0 cM // 11474 /// ENSMUST0000	Actn3	1.80108E-06	-7.96757	Week 3 down vs Week 1
10490794	NM_008862 // Pkia // protein kinase inhibitor, alpha // 3 A1 // 18767 /// ENSMUS	Pkia	5.8058E-11	-7.91498	Week 3 down vs Week 1
10377938	NM_007933 // Eno3 // enolase 3, beta muscle // 11 B4|11 42.0 cM // 13808 /// NM_	Eno3	1.662E-08	-7.84193	Week 3 down vs Week 1
10608440			0.00106331	-7.67269	Week 3 down vs Week 1
10587262	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	1.32176E-07	-7.64067	Week 3 down vs Week 1
10608613	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.000824882	-7.58894	Week 3 down vs Week 1
10476321	NM_023043 // Prnd // prion protein dublet // 2 F2|2 75.0 cM // 26434 /// NM_0011	Prnd	1.4063E-11	-7.56823	Week 3 down vs Week 1
10608277	ENSMUST00000100255 // LOC100041207 // similar to MGC107098 protein // --- // 100	LOC100041207	0.0028052	-7.51302	Week 3 down vs Week 1
10608501	ENSMUST00000100255 // LOC100041207 // similar to MGC107098 protein // --- // 100	LOC100041207	0.0028052	-7.51302	Week 3 down vs Week 1
10608596	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.000504891	-7.44815	Week 3 down vs Week 1
10342239	---		3.99638E-07	-7.41089	Week 3 down vs Week 1
10532586	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	5.35324E-08	-7.28236	Week 3 down vs Week 1
10608628	ENSMUST00000106010 // LOC100041704 // similar to spermiogenesis specific transcr	LOC100041704	0.000552894	-7.27084	Week 3 down vs Week 1
10608506	L04851 // LOC100039614 // hypothetical protein LOC100039614 // --- // 100039614	LOC100039614	0.00221606	-7.15232	Week 3 down vs Week 1
10344204	---		5E-15	-7.13498	Week 3 down vs Week 1
10569008	NM_007751 // Cox8b // cytochrome c oxidase, subunit VIIIb // 7 F5|7 68.8 cM // 1	Cox8b	2.23348E-08	-7.09873	Week 3 down vs Week 1
10340350	---		3.60244E-09	-6.98043	Week 3 down vs Week 1
10561561	NM_009109 // Ryr1 // ryanodine receptor 1, skeletal muscle // 7 A2-B3|7 10.0 cM	Ryr1	9.80109E-08	-6.976	Week 3 down vs Week 1
10608247	ENSMUST00000105540 // LOC100042196 // similar to spermiogenesis specific transcr	LOC100042196	0.00105508	-6.95935	Week 3 down vs Week 1
10559200	NM_009405 // Tnni2 // troponin I, skeletal, fast 2 // 7 F5|7 70.0 cM // 21953 //	Tnni2	5.72123E-08	-6.87311	Week 3 down vs Week 1
10540401	NM_008516 // Lrrn1 // leucine rich repeat protein 1, neuronal // 6 E1 // 16979 /	Lrrn1	2.80646E-08	-6.77084	Week 3 down vs Week 1
10508614	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	4.76281E-08	-6.76611	Week 3 down vs Week 1
10608371	ENSMUST00000115943 // LOC665406 // similar to spermiogenesis specific transcript	LOC665406	0.000797904	-6.7505	Week 3 down vs Week 1
10564726	NM_020599 // Rlbp1 // retinaldehyde binding protein 1 // 7 D3|7 39.0 cM // 19771	Rlbp1	1.14359E-06	-6.73548	Week 3 down vs Week 1
10341571	---		2.05799E-08	-6.68571	Week 3 down vs Week 1
10348301	NM_009118 // Sag // retinal S-antigen // 1 D|1 53.6 cM // 20215 /// ENSMUST00000	Sag	2.58165E-05	-6.6218	Week 3 down vs Week 1
10608551			0.000950199	-6.52637	Week 3 down vs Week 1
10559790	NM_011769 // Zim1 // zinc finger, imprinted 1 // 7 A1|7 6.5 cM // 22776 /// ENSM	Zim1	3.48576E-10	-6.50428	Week 3 down vs Week 1
10608361	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.00113658	-6.40751	Week 3 down vs Week 1
10523979	NM_008806 // Pde6b // phosphodiesterase 6B, cGMP, rod receptor, beta polypeptide	Pde6b	0.000057189	-6.38757	Week 3 down vs Week 1
10442584	NM_025425 // Rpl3l // ribosomal protein L3-like // 17 A3.3 // 66211 /// ENSMUST0	Rpl3l	3.89318E-08	-6.26982	Week 3 down vs Week 1
10342726	---		4.01142E-08	-6.22932	Week 3 down vs Week 1
10355199	NM_144761 // Crygb // crystallin, gamma B // 1 C2|1 32.0 cM // 12965 /// NM_1447	Crygb	0.000721404	-6.22683	Week 3 down vs Week 1
10485982	NM_009608 // Actc1 // actin, alpha, cardiac muscle 1 // 2 E4|2 64.0 cM // 11464	Actc1	1.56498E-05	-6.19698	Week 3 down vs Week 1
10608480	XR_030669 // LOC100039147 // similar to spermiogenesis specific transcript on th	LOC100039147	0.00294259	-6.12576	Week 3 down vs Week 1
10342428	---		2.86828E-10	-6.08584	Week 3 down vs Week 1
10436282	NM_174876 // Impg2 // interphotoreceptor matrix proteoglycan 2 // 16 C1.1 // 224	Impg2	7.5669E-06	-6.03697	Week 3 down vs Week 1

10414663	NM_023879 // Rpgrip1 // retinitis pigmentosa GTPase regulator interacting protei	Rpgrip1	1.00507E-06	-6.01944	Week 3 down vs Week 1
10608350	ENSMUST00000111407 // LOC100039552 // similar to spermiogenesis specific transcr	LOC100039552	0.00181914	-6.01893	Week 3 down vs Week 1
10472426	NM_001024618 // Xirp2 // xin actin-binding repeat containing 2 // 2 C1.3 // 2414	Xirp2	3.09447E-07	-5.97706	Week 3 down vs Week 1
10519855	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	2.00306E-09	-5.974	Week 3 down vs Week 1
10476512	NM_011428 // Snap25 // synaptosomal-associated protein 25 // 2 F3|2 78.2 cM // 2	Snap25	1.14967E-05	-5.90458	Week 3 down vs Week 1
10468593	NM_008733 // Nrap // nebulin-related anchoring protein // 19 D2|19 53.25 cM // 1	Nrap	1.32407E-07	-5.88984	Week 3 down vs Week 1
10501895	NM_021503 // Myoz2 // myozenin 2 // 3 G3 // 59006 /// ENSMUST00000029761 // Myoz	Myoz2	7.11187E-06	-5.8553	Week 3 down vs Week 1
10599324	NM_133690 // Atp1b4 // ATPase, (Na+)/K+ transporting, beta 4 polypeptide // X A2	Atp1b4	8.894E-10	-5.82406	Week 3 down vs Week 1
10362458	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.0201E-07	-5.77801	Week 3 down vs Week 1
10608630	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00195618	-5.67228	Week 3 down vs Week 1
10410984	NM_198415 // Ckmt2 // creatine kinase, mitochondrial 2 // 13 C3 // 76722 /// ENS	Ckmt2	8.77387E-06	-5.66625	Week 3 down vs Week 1
10551836	NM_009944 // Cox7a1 // cytochrome c oxidase, subunit VIIa 1 // 7 B1|7 8.0 cM //	Cox7a1	3.11581E-08	-5.63613	Week 3 down vs Week 1
10608342	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.00170092	-5.57266	Week 3 down vs Week 1
10587255	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	2.37057E-08	-5.53701	Week 3 down vs Week 1
10530503	NM_007723 // Cnga1 // cyclic nucleotide gated channel alpha 1 // 5 C3.2|5 41.0 c	Cnga1	6.31562E-05	-5.52209	Week 3 down vs Week 1
10415279	NM_026808 // Fitm1 // fat storage-inducing transmembrane protein 1 // 14 C3 // 6	Fitm1	5.8311E-07	-5.47695	Week 3 down vs Week 1
10540991	AK164314 // Rho // rhodopsin // 6 E3 // 212541	Rho	2.07831E-05	-5.43974	Week 3 down vs Week 1
10371502	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	1.52213E-07	-5.43465	Week 3 down vs Week 1
10371660	---		3.01663E-05	-5.42935	Week 3 down vs Week 1
10460947	NM_011224 // Pygm // muscle glycogen phosphorylase // 19 A|19 2.0 cM // 19309 //	Pygm	8.7216E-08	-5.41555	Week 3 down vs Week 1
10340141	---		5.30614E-06	-5.38853	Week 3 down vs Week 1
10502830	NM_199465 // Nexn // nexilin // 3 H3 // 68810 /// ENSMUST00000046045 // Nexn //	Nexn	8.26577E-08	-5.385	Week 3 down vs Week 1
10372230	NM_008657 // Myf6 // myogenic factor 6 // 10 D1|10 59.0 cM // 17878 /// ENSMUST0	Myf6	1.49384E-05	-5.36685	Week 3 down vs Week 1
10540984	NM_145383 // Rho // rhodopsin // 6 E3 // 212541 /// ENSMUST00000032471 // Rho //	Rho	0.000930824	-5.28961	Week 3 down vs Week 1
10608482	ENSMUST00000115889 // LOC665746 // similar to spermiogenesis specific transcript	LOC665746	0.00304437	-5.27827	Week 3 down vs Week 1
10519815	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	1.46536E-08	-5.25396	Week 3 down vs Week 1
10496405	NM_177860 // Gm5105 // predicted gene 5105 // 3 G3|3 // 329763 /// ENSMUST000000	Gm5105	1.93454E-07	-5.19734	Week 3 down vs Week 1
10565137	NM_172904 // Fsd2 // fibronectin type III and SPRY domain containing 2 // 7 D3 /	Fsd2	7.65566E-07	-5.19658	Week 3 down vs Week 1
10362456	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.61381E-05	-5.19586	Week 3 down vs Week 1
10608521	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00152495	-5.19069	Week 3 down vs Week 1
10500469	NM_001039376 // Pde4dip // phosphodiesterase 4D interacting protein (myomegalin)	Pde4dip	6.46709E-09	-5.11033	Week 3 down vs Week 1
10608273	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00303989	-5.09793	Week 3 down vs Week 1
10608420	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00316365	-5.08629	Week 3 down vs Week 1
10484195	ENSMUST00000099980 // Ttn // titin // 2 D|2 44.0 cM // 22138	Ttn	3.56323E-07	-5.04013	Week 3 down vs Week 1
10553477	NM_177694 // Ano5 // anoctamin 5 // 7 B5 // 233246 /// ENSMUST00000043944 // Ano	Ano5	1.55635E-07	-5.03642	Week 3 down vs Week 1
10411107	ENSMUST00000062122 // Cmya5 // cardiomyopathy associated 5 // 13 C3 // 76469 ///	Cmya5	6.70707E-07	-5.01361	Week 3 down vs Week 1
10608260	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.00157855	-4.9986	Week 3 down vs Week 1
10608488	ENSMUST00000108733 // LOC665128 // similar to spermiogenesis specific transcript	LOC665128	0.00187108	-4.97672	Week 3 down vs Week 1
10532517	NM_021351 // Cryba4 // crystallin, beta A4 // 5 F // 12959 /// ENSMUST0000011238	Cryba4	0.000232585	-4.93807	Week 3 down vs Week 1
10608625	XR_035752 // LOC665448 // similar to spermiogenesis specific transcript on the Y	LOC665448	0.00360737	-4.91719	Week 3 down vs Week 1
10362432	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.447E-11	-4.88363	Week 3 down vs Week 1
10469255	NM_008859 // Prkcq // protein kinase C, theta // 2 A1|2 2.0 cM // 18761 /// ENSM	Prkcq	5.81065E-10	-4.8761	Week 3 down vs Week 1
10536209	NM_010314 // Gngt1 // guanine nucleotide binding protein (G protein), gamma tran	Gngt1	2.27706E-05	-4.86287	Week 3 down vs Week 1
10466587	NM_001043354 // Rorb // RAR-related orphan receptor beta // 19 B // 225998 /// N	Rorb	2.20059E-06	-4.85246	Week 3 down vs Week 1
10413979	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	4.54221E-06	-4.84816	Week 3 down vs Week 1
10362450	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.41357E-08	-4.81451	Week 3 down vs Week 1
10413981	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	1.40891E-05	-4.80735	Week 3 down vs Week 1
10359689	NM_009721 // Atp1b1 // ATPase, Na+/K+ transporting, beta 1 polypeptide // 1 H2.2	Atp1b1	1.671E-12	-4.78876	Week 3 down vs Week 1
10353309	AK081751 // Jph1 // junctophilin 1 // 1 A4 // 57339	Jph1	5.11398E-07	-4.76968	Week 3 down vs Week 1
10490923	NM_009801 // Car2 // carbonic anhydrase 2 // 3 A1|3 10.5 cM // 12349 /// ENSMUST	Car2	1.16565E-05	-4.76877	Week 3 down vs Week 1
10338809	---		1.30781E-06	-4.76726	Week 3 down vs Week 1
10419356	NM_144841 // Otx2 // orthodenticle homolog 2 (Drosophila) // 14 C1|14 19.0 cM //	Otx2	1.05163E-07	-4.74921	Week 3 down vs Week 1
10398360	---		1.1E-14	-4.74841	Week 3 down vs Week 1
10341314	---		1.32071E-05	-4.6963	Week 3 down vs Week 1
10340399	---		2.7854E-10	-4.66361	Week 3 down vs Week 1
10342166	---		3.54016E-05	-4.66357	Week 3 down vs Week 1
10492165	---		5.2884E-11	-4.65927	Week 3 down vs Week 1
10347583	NM_010043 // Des // desmin // 1 C3|1 41.1 cM // 13346 /// ENSMUST00000027409 //	Des	2.84252E-06	-4.61953	Week 3 down vs Week 1
10451665	NM_009694 // Apobec2 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec2	2.14244E-06	-4.60752	Week 3 down vs Week 1
10454192	NM_013697 // Ttr // transthyretin // 18 A2|18 7.0 cM // 22139 /// ENSMUST0000007	Ttr	0.000470196	-4.59265	Week 3 down vs Week 1
10494160	NM_016712 // Tmod4 // tropomodulin 4 // 3 F2.1|3 52.0 cM // 50874 /// ENSMUST000	Tmod4	2.59176E-07	-4.5644	Week 3 down vs Week 1
10484261	NM_001048176 // Cerkl // ceramide kinase-like // 2 C3 // 228094 /// NM_010576 //	Cerkl	3.59233E-06	-4.54941	Week 3 down vs Week 1
10338192	---		3.46139E-07	-4.54376	Week 3 down vs Week 1
10608407	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00237116	-4.52658	Week 3 down vs Week 1
10398362	AF357355 // Rian // RNA imprinted and accumulated in nucleus // 12 F1|12 54.5 cM	Rian	7.8362E-11	-4.49668	Week 3 down vs Week 1

10377235	NM_009038 // Rcvrn // recoverin // 11 B3|11 35.0 cM // 19674 /// ENSMUST00000021	Rcvrn	0.000162191	-4.47441	Week 3 down vs Week 1
10343239	---		1.73018E-09	-4.44686	Week 3 down vs Week 1
10494672	NM_009323 // Tbx15 // T-box 15 // 3 F2.2|3 49.0 cM // 21384 /// ENSMUST000000294	Tbx15	2.68034E-06	-4.44656	Week 3 down vs Week 1
10600604	NM_007868 // Dmd // dystrophin, muscular dystrophy // X C|X 32.0 cM // 13405 ///	Dmd	9.9613E-09	-4.42376	Week 3 down vs Week 1
10373680	NM_007501 // Neurod4 // neurogenic differentiation 4 // 10 D3|10 72.0 cM // 1192	Neurod4	0.000171246	-4.41902	Week 3 down vs Week 1
10603051	NM_026887 // Ap1s2 // adaptor-related protein complex 1, sigma 2 subunit // X F5	Ap1s2	2.80704E-10	-4.40679	Week 3 down vs Week 1
10341589	---		1.38029E-05	-4.40503	Week 3 down vs Week 1
10608460	ENSMUST00000115908 // LOC665698 // similar to spermiogenesis specific transcript	LOC665698	0.00175489	-4.34631	Week 3 down vs Week 1
10608424	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.0058295	-4.34394	Week 3 down vs Week 1
10339431	---		4.84208E-07	-4.32873	Week 3 down vs Week 1
10569341	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	1.97149E-07	-4.31562	Week 3 down vs Week 1
10559796	NM_008817 // Peg3 // paternally expressed 3 // 7 A2-B1|7 6.5 cM // 18616 /// ENS	Peg3	5.28969E-09	-4.29858	Week 3 down vs Week 1
10362426	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.76575E-06	-4.28954	Week 3 down vs Week 1
10343174	---		5.66641E-07	-4.26049	Week 3 down vs Week 1
10341041	---		5.21614E-08	-4.2547	Week 3 down vs Week 1
10447056	NM_027455 // Qpct // glutaminyl-peptide cyclotransferase (glutaminyl cyclase) //	Qpct	8E-15	-4.22692	Week 3 down vs Week 1
10426557	NM_021514 // Pfkm // phosphofructokinase, muscle // 15 F1 // 18642 /// ENSMUST00	Pfkm	2.85225E-08	-4.22314	Week 3 down vs Week 1
10590663	NM_019691 // Gria4 // glutamate receptor, ionotropic, AMPA4 (alpha 4) // 9 A1|9	Gria4	1.80589E-06	-4.21907	Week 3 down vs Week 1
10501302	NM_008596 // Sypl2 // synaptophysin-like 2 // 3 F3-H2 // 17306 /// ENSMUST000000	Sypl2	9.10536E-07	-4.2117	Week 3 down vs Week 1
10608615	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.000518247	-4.20473	Week 3 down vs Week 1
10564646	NM_001109753 // Sv2b // synaptic vesicle glycoprotein 2 b // 7 D1 // 64176 /// N	Sv2b	1.11812E-06	-4.2031	Week 3 down vs Week 1
10398859	NM_007421 // Adssl1 // adenylosuccinate synthetase like 1 // 12 F1 // 11565 ///	Adssl1	9.1809E-07	-4.20115	Week 3 down vs Week 1
10341953	---		6.09799E-06	-4.19995	Week 3 down vs Week 1
10532574	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	1.9162E-07	-4.19574	Week 3 down vs Week 1
10608554			0.00315792	-4.18202	Week 3 down vs Week 1
10347033	NM_027010 // Crygf // crystallin, gamma F // 1 C3|1 32.0 cM // 12969 /// ENSMUST	Crygf	0.000186067	-4.18082	Week 3 down vs Week 1
10343956	---		4.45641E-08	-4.17691	Week 3 down vs Week 1
10344270	---		6.11649E-10	-4.17078	Week 3 down vs Week 1
10599736	NM_001077361 // Fhl1 // four and a half LIM domains 1 // X A6-A7.1 // 14199 ///	Fhl1	1.92198E-07	-4.16257	Week 3 down vs Week 1
10497265	NM_024406 // Fabp4 // fatty acid binding protein 4, adipocyte // 3 A1|3 13.9 cM	Fabp4	1.47742E-05	-4.15611	Week 3 down vs Week 1
10550638	NM_013648 // Rtn2 // reticulon 2 (Z-band associated protein) // 7 A3|7 4.0 cM //	Rtn2	3.11151E-07	-4.14512	Week 3 down vs Week 1
10494043	NM_028307 // Tdrkh // tudor and KH domain containing protein // 3 F2 // 72634 //	Tdrkh	1.31786E-09	-4.13631	Week 3 down vs Week 1
10504692	NM_021883 // Tmod1 // tropomodulin 1 // 4 B1|4 21.5 cM // 21916 /// ENSMUST00000	Tmod1	1.2162E-07	-4.12765	Week 3 down vs Week 1
10338849	---		4.14416E-07	-4.1272	Week 3 down vs Week 1
10412335	NM_021459 // Isl1 // ISL1 transcription factor, LIM/homeodomain // 13 D2.3 // 16	Isl1	1.56573E-05	-4.10343	Week 3 down vs Week 1
10338121	---		1.56144E-08	-4.09712	Week 3 down vs Week 1
10532660	NM_021352 // Crybb3 // crystallin, beta B3 // 5 F|5 60.0 cM // 12962 /// NM_0011	Crybb3	0.000137309	-4.09461	Week 3 down vs Week 1
10338694	---		1.00272E-06	-4.08204	Week 3 down vs Week 1
10361834	NM_138628 // Txlnb // taxilin beta // 10 A2 // 378431 /// ENSMUST00000037964 //	Txlnb	6.51383E-06	-4.08024	Week 3 down vs Week 1
10431564	NM_009948 // Cpt1b // carnitine palmitoyltransferase 1b, muscle // 15 E3|15 52.6	Cpt1b	1.32408E-07	-4.07447	Week 3 down vs Week 1
10350199	NM_001081023 // Cacna1s // calcium channel, voltage-dependent, L type, alpha 1S	Cacna1s	0.000002832	-4.03467	Week 3 down vs Week 1
10339389	---		7.169E-11	-4.00627	Week 3 down vs Week 1
10454580	NM_009668 // Bin1 // bridging integrator 1 // 18 B1|18 14.0 cM // 30948 /// NM_0	Bin1	6.13495E-09	-3.9756	Week 3 down vs Week 1
10397575	NM_172544 // Nrxn3 // neurexin III // 12D2|12 45.0 cM // 18191 /// ENSMUST000000	Nrxn3	5.66248E-06	-3.96559	Week 3 down vs Week 1
10341583	---		4.13804E-05	-3.96459	Week 3 down vs Week 1
10543466	NM_010338 // Gpr37 // G protein-coupled receptor 37 // 6 A3.1|6 7.2 cM // 14763	Gpr37	1.76817E-07	-3.96242	Week 3 down vs Week 1
10608302	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00404273	-3.95797	Week 3 down vs Week 1
10338359	---		2.67251E-08	-3.913	Week 3 down vs Week 1
10341840	---		4.73079E-08	-3.91295	Week 3 down vs Week 1
10342039	---		1.76269E-06	-3.91	Week 3 down vs Week 1
10398326	NR_003633 // Meg3 // maternally expressed 3 // 12 F1|12 54.0 cM // 17263 /// NR_	Meg3	2.8203E-07	-3.89887	Week 3 down vs Week 1
10532584	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	2.15668E-07	-3.88259	Week 3 down vs Week 1
10344307	---		1.75438E-06	-3.86557	Week 3 down vs Week 1
10552919	NM_010473 // Hrc // histidine rich calcium binding protein // 7 B4|7 20.4 cM //	Hrc	2.64656E-07	-3.83882	Week 3 down vs Week 1
10344608	---		2.67041E-05	-3.83378	Week 3 down vs Week 1
10595094	NM_027150 // 2310046A06Rik // RIKEN cDNA 2310046A06 gene // 9 E1 // 69642 /// EN	2310046A06Rik	9.8791E-06	-3.82541	Week 3 down vs Week 1
10545283	NM_001160127 // Smyd1 // SET and MYND domain containing 1 // 6 C1|6 30.5 cM // 1	Smyd1	1.38758E-05	-3.81657	Week 3 down vs Week 1
10342080	---		1.26799E-09	-3.81282	Week 3 down vs Week 1
10407337	NM_010408 // Hcn1 // hyperpolarization-activated, cyclic nucleotide-gated K+ 1 /	Hcn1	8.69799E-05	-3.79712	Week 3 down vs Week 1
10494423	NM_027126 // Hfe2 // hemochromatosis type 2 (juvenile) (human homolog) // 3 F2.1	Hfe2	1.24073E-06	-3.79132	Week 3 down vs Week 1
10471474	NM_021515 // Ak1 // adenylate kinase 1 // 2 B|2 21.6 cM // 11636 /// ENSMUST0000	Ak1	7.01768E-07	-3.786	Week 3 down vs Week 1
10536363	NM_009311 // Tac1 // tachykinin 1 // 6 A1|6 5.0 cM // 21333 /// ENSMUST000000906	Tac1	1.66825E-09	-3.78514	Week 3 down vs Week 1
10601942	NM_013724 // Nrk // Nik related kinase // X F1|X 53.0 cM // 27206 /// ENSMUST000	Nrk	1.62141E-08	-3.7759	Week 3 down vs Week 1
10608523	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.000356151	-3.77161	Week 3 down vs Week 1
10397257	NM_007701 // Vsx2 // visual system homeobox 2 // 12 D1|12 38.0 cM // 12677 /// E	Vsx2	1.21438E-05	-3.76688	Week 3 down vs Week 1

10343373	---		8.35464E-07	-3.76304	Week 3 down vs Week 1
10421932	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	5.83582E-10	-3.76207	Week 3 down vs Week 1
10341858	---		4.62592E-07	-3.75924	Week 3 down vs Week 1
10343366	---		2.20818E-06	-3.75553	Week 3 down vs Week 1
10398354	---		1.57141E-07	-3.75439	Week 3 down vs Week 1
10398364	---		6.437E-12	-3.74908	Week 3 down vs Week 1
10560168	NM_007770 // Crx // cone-rod homeobox containing gene // 7 A2|7 8.5 cM // 12951	Crx	0.000251352	-3.72841	Week 3 down vs Week 1
10495712	NM_007378 // Abca4 // ATP-binding cassette, sub-family A (ABC1), member 4 // 3 G	Abca4	1.99149E-05	-3.72662	Week 3 down vs Week 1
10458685	ENSMUST00000097589 // Jakmip2 // janus kinase and microtubule interacting protei	Jakmip2	2.36911E-08	-3.71992	Week 3 down vs Week 1
10505030	NM_176966 // Fsd1l // fibronectin type III and SPRY domain containing 1-like //	Fsd1l	4.23233E-08	-3.71654	Week 3 down vs Week 1
10608317	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00190274	-3.71612	Week 3 down vs Week 1
10430140	NM_013593 // Mb // myoglobin // 15 D3|15 43.3 cM // 17189 /// ENSMUST00000019037	Mb	9.19248E-05	-3.7149	Week 3 down vs Week 1
10528170	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063 /// BC09	Cycs	1.08119E-09	-3.69923	Week 3 down vs Week 1
10341511	---		8.14819E-07	-3.6894	Week 3 down vs Week 1
10341890	---		7.60822E-10	-3.68397	Week 3 down vs Week 1
10607972	NM_011419 // Kdm5d // lysine (K)-specific demethylase 5D // Y A1 // 20592 /// EN	Kdm5d	0.00400694	-3.67896	Week 3 down vs Week 1
10342987	---		3.67279E-06	-3.67693	Week 3 down vs Week 1
10338149	---		4.60088E-07	-3.67328	Week 3 down vs Week 1
10420616	NM_011892 // Sgcg // sarcoglycan, gamma (dystrophin-associated glycoprotein) //	Sgcg	2.77158E-06	-3.67167	Week 3 down vs Week 1
10608237	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000383388	-3.66375	Week 3 down vs Week 1
10608397	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000383388	-3.66375	Week 3 down vs Week 1
10608586	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000383388	-3.66375	Week 3 down vs Week 1
10532592	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	5.99463E-06	-3.66207	Week 3 down vs Week 1
10342456	---		7.1845E-06	-3.65899	Week 3 down vs Week 1
10341297	---		1.513E-12	-3.65594	Week 3 down vs Week 1
10341097	---		1.86726E-07	-3.65138	Week 3 down vs Week 1
10593293	NM_001081445 // Ncam1 // neural cell adhesion molecule 1 // 9 A5.3|9 28.0 cM //	Ncam1	3.30069E-08	-3.64686	Week 3 down vs Week 1
10608603			0.00562556	-3.64524	Week 3 down vs Week 1
10550146	NM_013877 // Cabp5 // calcium binding protein 5 // 7 A2 // 29865 /// BC018253 //	Cabp5	0.000186643	-3.63617	Week 3 down vs Week 1
10462136	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063 /// BC09	Cycs	3.13226E-10	-3.62722	Week 3 down vs Week 1
10608385	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000508987	-3.626	Week 3 down vs Week 1
10608280	---		0.000254953	-3.61338	Week 3 down vs Week 1
10608325	---		0.000254953	-3.61338	Week 3 down vs Week 1
10608499	---		0.000254953	-3.61338	Week 3 down vs Week 1
10436363	NM_030163 // Filip1l // filamin A interacting protein 1-like // 16 C1.1 // 78749	Filip1l	5.512E-07	-3.61033	Week 3 down vs Week 1
10339863	---		8.4445E-11	-3.60976	Week 3 down vs Week 1
10467842	NM_010324 // Got1 // glutamate oxaloacetate transaminase 1, soluble // 19 C3|19	Got1	1.43418E-09	-3.60332	Week 3 down vs Week 1
10494873	NM_001033303 // Ampd1 // adenosine monophosphate deaminase 1 (isoform M) // 3 F2	Ampd1	1.10187E-07	-3.59671	Week 3 down vs Week 1
10398416	---		1.3898E-11	-3.59334	Week 3 down vs Week 1
10402020	NM_001081191 // Eml5 // echinoderm microtubule associated protein like 5 // 12 E	Eml5	1.29949E-06	-3.59221	Week 3 down vs Week 1
10379176	NM_011676 // Unc119 // unc-119 homolog (C. elegans) // 11 B5|11 44.99 cM // 2224	Unc119	8.30242E-05	-3.58085	Week 3 down vs Week 1
10445633	NM_008938 // Prph2 // peripherin 2 // 17 C|17 18.84 cM // 19133 /// ENSMUST00000	Prph2	0.00108763	-3.5677	Week 3 down vs Week 1
10343159	---		8.10988E-06	-3.56627	Week 3 down vs Week 1
10340683	---		3.01156E-07	-3.55989	Week 3 down vs Week 1
10497135	NM_029987 // Rpe65 // retinal pigment epithelium 65 // 3 H4|3 87.6 cM // 19892 /	Rpe65	0.00832731	-3.55973	Week 3 down vs Week 1
10419005	NM_021340 // Rgr // retinal G protein coupled receptor // 14 B // 57811 /// ENSM	Rgr	0.00229923	-3.55783	Week 3 down vs Week 1
10342252	---		1.69436E-08	-3.55232	Week 3 down vs Week 1
10343985	---		1.76597E-08	-3.54737	Week 3 down vs Week 1
10588203	NM_024291 // Ky // kyphoscoliosis peptidase // 9 F1|9 56.0 cM // 16716 /// ENSMU	Ky	1.66201E-06	-3.54224	Week 3 down vs Week 1
10490602	NM_007906 // Eef1a2 // eukaryotic translation elongation factor 1 alpha 2 // 2 H	Eef1a2	4.42007E-07	-3.54113	Week 3 down vs Week 1
10385466	NM_011891 // Sgcd // sarcoglycan, delta (dystrophin-associated glycoprotein) //	Sgcd	2.38323E-07	-3.53821	Week 3 down vs Week 1
10398420	---		2.53045E-10	-3.51932	Week 3 down vs Week 1
10341231	---		1.38356E-07	-3.5126	Week 3 down vs Week 1
10400607	AK163637 // Mdga2 // MAM domain containing glycosylphosphatidylinositol anchor 2	Mdga2	2.38603E-05	-3.5123	Week 3 down vs Week 1
10490972	NM_001081281 // Trim55 // tripartite motif-containing 55 // 3 A2 // 381485 /// E	Trim55	2.76606E-06	-3.51156	Week 3 down vs Week 1
10372324	NM_009306 // Syt1 // synaptotagmin I // 10 D1|10 58.0 cM // 20979 /// ENSMUST000	Syt1	0.00093911	-3.50868	Week 3 down vs Week 1
10490302	NM_001162922 // 2810021G02Rik // RIKEN cDNA 2810021G02 gene // 2 H4 // 353208 //	2810021G02Rik	3.82052E-08	-3.49692	Week 3 down vs Week 1
10345869	NM_001081198 // Tmem182 // transmembrane protein 182 // 1 B // 381339 /// ENSMUS	Tmem182	6.50954E-05	-3.48654	Week 3 down vs Week 1
10608313	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00237824	-3.47618	Week 3 down vs Week 1
10344397	---		4.21786E-08	-3.46946	Week 3 down vs Week 1
10338581	---		1.20254E-06	-3.46592	Week 3 down vs Week 1
10608410	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000465559	-3.45735	Week 3 down vs Week 1
10569335	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	1.73626E-05	-3.45643	Week 3 down vs Week 1
10339413	---		9.09207E-08	-3.45614	Week 3 down vs Week 1
10413995	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	5.61636E-05	-3.45097	Week 3 down vs Week 1

10412773	NM_001033270 // Slc4a7 // solute carrier family 4, sodium bicarbonate cotranspor	Slc4a7	2.31034E-06	-3.44655	Week 3 down vs Week 1
10338989	---		1.62792E-05	-3.44422	Week 3 down vs Week 1
10419366	ENSMUST00000051102 // Gm534 // predicted gene 534 // 14 C1 // 218993	Gm534	2.02059E-08	-3.44418	Week 3 down vs Week 1
10341008	---		4.07128E-06	-3.44333	Week 3 down vs Week 1
10418053	NM_010610 // Kcnma1 // potassium large conductance calcium-activated channel, su	Kcnma1	1.17819E-08	-3.44324	Week 3 down vs Week 1
10339171	---		8.88198E-05	-3.44284	Week 3 down vs Week 1
10343773	---		6.10388E-07	-3.44177	Week 3 down vs Week 1
10477986	NM_010923 // Nnat // neuronatin // 2 H1|2 88.0 cM // 18111 /// NM_180960 // Nnat	Nnat	1.24129E-06	-3.44117	Week 3 down vs Week 1
10492021	NM_015784 // Postn // periostin, osteoblast specific factor // 3 C // 50706 ///	Postn	1.53984E-06	-3.44102	Week 3 down vs Week 1
10532578	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	1.26401E-07	-3.43176	Week 3 down vs Week 1
10408812	NM_001145803 // Mak // male germ cell-associated kinase // 13 A3.3|13 23.0 cM //	Mak	0.000240896	-3.42968	Week 3 down vs Week 1
10403229	NM_177290 // Itgb8 // integrin beta 8 // 12 F2 // 320910 /// ENSMUST00000026360	Itgb8	7.46076E-05	-3.42961	Week 3 down vs Week 1
10344153	---		0.000173027	-3.42416	Week 3 down vs Week 1
10353632	NM_175642 // Bai3 // brain-specific angiogenesis inhibitor 3 // 1 A5 // 210933 /	Bai3	6.25329E-06	-3.41197	Week 3 down vs Week 1
10344575	---		2.7976E-06	-3.41097	Week 3 down vs Week 1
10342872	---		1.4747E-07	-3.39892	Week 3 down vs Week 1
10343853	---		4.3566E-08	-3.39879	Week 3 down vs Week 1
10343680	---		1.54977E-07	-3.39771	Week 3 down vs Week 1
10498309	NM_019410 // Pfn2 // profilin 2 // 3 D|3 29.3 cM // 18645 /// ENSMUST00000066882	Pfn2	2.59186E-08	-3.39624	Week 3 down vs Week 1
10458046	NM_053078 // D0H4S114 // DNA segment, human D4S114 // 18 B1 // 27528 /// NM_0011	D0H4S114	1.24789E-07	-3.37272	Week 3 down vs Week 1
10498885	NM_013540 // Gria2 // glutamate receptor, ionotropic, AMPA2 (alpha 2) // 3 E3|3	Gria2	0.000325135	-3.37215	Week 3 down vs Week 1
10343052	---		1.47864E-09	-3.37154	Week 3 down vs Week 1
10343628	---		0.00142742	-3.36536	Week 3 down vs Week 1
10338862	---		2.05117E-06	-3.35902	Week 3 down vs Week 1
10532582	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	3.37951E-07	-3.3533	Week 3 down vs Week 1
10536845	NM_001081185 // Flnc // filamin C, gamma // 6 A3.3 // 68794 /// ENSMUST000000904	Flnc	2.2188E-06	-3.34918	Week 3 down vs Week 1
10564159	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.80755E-06	-3.34698	Week 3 down vs Week 1
10343406	---		1.43694E-06	-3.34551	Week 3 down vs Week 1
10355662	NM_021541 // Cryba2 // crystallin, beta A2 // 1 C3|1 40.8 cM // 12958 /// ENSMUS	Cryba2	0.00057944	-3.32296	Week 3 down vs Week 1
10606333	NM_001007580 // Fndc3c1 // fibronectin type III domain containing 3C1 // X D //	Fndc3c1	0.000109469	-3.32212	Week 3 down vs Week 1
10338452	---		2.92697E-05	-3.32162	Week 3 down vs Week 1
10398412	---		6.42113E-08	-3.31559	Week 3 down vs Week 1
10593671	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	5.37105E-06	-3.31114	Week 3 down vs Week 1
10342181	---		3.27757E-08	-3.30723	Week 3 down vs Week 1
10429218	NM_177819 // Fam135b // family with sequence similarity 135, member B // 15 D3 /	Fam135b	2.45033E-06	-3.30577	Week 3 down vs Week 1
10341417	---		9.66622E-06	-3.30258	Week 3 down vs Week 1
10353311	NM_020604 // Jph1 // junctophilin 1 // 1 A4 // 57339 /// ENSMUST00000038382 // J	Jph1	1.99313E-06	-3.30186	Week 3 down vs Week 1
10339336	---		2.7445E-09	-3.30184	Week 3 down vs Week 1
10496373	NM_030143 // Ddit4l // DNA-damage-inducible transcript 4-like // 3 G3 // 73284 /	Ddit4l	1.95376E-05	-3.30029	Week 3 down vs Week 1
10395702	NM_198111 // Akap6 // A kinase (PRKA) anchor protein 6 // 12 C1 // 238161 /// EN	Akap6	2.34033E-08	-3.28933	Week 3 down vs Week 1
10591135	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	4.71504E-09	-3.28885	Week 3 down vs Week 1
10343586	---		3.39012E-07	-3.28753	Week 3 down vs Week 1
10338455	---		3.67037E-06	-3.28655	Week 3 down vs Week 1
10339474	---		9.95058E-09	-3.27504	Week 3 down vs Week 1
10421924	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	2.06366E-09	-3.272	Week 3 down vs Week 1
10457644	NM_007664 // Cdh2 // cadherin 2 // 18 A1|18 6.0 cM // 12558 /// AB008811 // Cdh2	Cdh2	1.75371E-07	-3.27045	Week 3 down vs Week 1
10519886	NM_013657 // Sema3c // sema domain, immunoglobulin domain (Ig), short basic doma	Sema3c	2.05145E-05	-3.26839	Week 3 down vs Week 1
10343768	---		2.28085E-05	-3.25341	Week 3 down vs Week 1
10563943	---		5.69397E-06	-3.25095	Week 3 down vs Week 1
10439514	NM_008083 // Gap43 // growth associated protein 43 // 16 B4|16 29.5 cM // 14432	Gap43	2.1561E-11	-3.24599	Week 3 down vs Week 1
10608492	BC099537 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	0.00113868	-3.24546	Week 3 down vs Week 1
10608429	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.00037574	-3.23653	Week 3 down vs Week 1
10343215	---		4.93653E-08	-3.23381	Week 3 down vs Week 1
10386262	BC060226 // Obscn // obscurin, cytoskeletal calmodulin and titin-interacting Rho	Obscn	1.49359E-05	-3.23132	Week 3 down vs Week 1
10608330	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.00046081	-3.23004	Week 3 down vs Week 1
10342344	---		0.0061608	-3.22987	Week 3 down vs Week 1
10601178	NM_013712 // Itgb1bp2 // integrin beta 1 binding protein 2 // X D // 26549 /// E	Itgb1bp2	7.79686E-06	-3.22978	Week 3 down vs Week 1
10607064	NM_001007576 // Gucy2f // guanylate cyclase 2f // X F2|X 61.0 cM // 245650 /// E	Gucy2f	3.89518E-05	-3.22866	Week 3 down vs Week 1
10353878	NM_153502 // Ankrd23 // ankyrin repeat domain 23 // 1 B // 78321 /// NM_026241 /	Ankrd23	1.55805E-06	-3.20184	Week 3 down vs Week 1
10503212	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	0.000004094	-3.20125	Week 3 down vs Week 1
10602966	NM_011302 // Rs1 // retinoschisis (X-linked, juvenile) 1 (human) // X F4|X 70.0	Rs1	0.00121299	-3.19973	Week 3 down vs Week 1
10565422	NM_011661 // Tyr // tyrosinase // 7 D3-E1|7 44.0 cM // 22173 /// ENSMUST00000004	Tyr	0.000605296	-3.19705	Week 3 down vs Week 1
10339056	---		4.71358E-06	-3.19486	Week 3 down vs Week 1
10363921	NM_023115 // Pcdh15 // protocadherin 15 // 10 B5.3|10 40.2 cM // 11994 /// NM_00	Pcdh15	1.38245E-05	-3.19255	Week 3 down vs Week 1
10338125	---		2.73759E-06	-3.18768	Week 3 down vs Week 1

10344563	---		5.97396E-06	-3.18754	Week 3 down vs Week 1
10340376	---		1.30453E-06	-3.18468	Week 3 down vs Week 1
10564177	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.56085E-06	-3.18219	Week 3 down vs Week 1
10339636	---		0.000058887	-3.18143	Week 3 down vs Week 1
10339492	---		1.30237E-07	-3.18121	Week 3 down vs Week 1
10608212	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000577404	-3.17831	Week 3 down vs Week 1
10589462	U08819 // Mtap4 // microtubule-associated protein 4 // 9 F2|9 58.0 cM // 17758	Mtap4	3.10108E-06	-3.1715	Week 3 down vs Week 1
10341617	---		7.29339E-06	-3.16585	Week 3 down vs Week 1
10436623	NM_139134 // Chodl // chondrolectin // 16 C3.2 // 246048 /// ENSMUST00000023568	Chodl	2.91007E-07	-3.16376	Week 3 down vs Week 1
10339335	---		2.98315E-08	-3.16124	Week 3 down vs Week 1
10340650	---		0.00157264	-3.15431	Week 3 down vs Week 1
10596718	NM_023805 // Slc38a3 // solute carrier family 38, member 3 // 9 F1|9 63.0 cM //	Slc38a3	3.03646E-08	-3.15079	Week 3 down vs Week 1
10608251	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// BC	LOC380994	0.00040704	-3.14999	Week 3 down vs Week 1
10339269	---		4.94063E-07	-3.14777	Week 3 down vs Week 1
10344043	---		7.37698E-07	-3.13996	Week 3 down vs Week 1
10414034	NM_015745 // Rbp3 // retinol binding protein 3, interstitial // 14 B|14 13.0 cM	Rbp3	0.00532241	-3.13726	Week 3 down vs Week 1
10342891	---		1.65198E-10	-3.13536	Week 3 down vs Week 1
10564183	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	7.23734E-06	-3.13522	Week 3 down vs Week 1
10408268	NM_145399 // Scgn // secretagogin, EF-hand calcium binding protein // 13 A3.1 //	Scgn	0.000295833	-3.12618	Week 3 down vs Week 1
10338454	---		4.5823E-06	-3.12606	Week 3 down vs Week 1
10342254	---		6.46371E-10	-3.12569	Week 3 down vs Week 1
10385283	NM_008073 // Gabrg2 // gamma-aminobutyric acid (GABA) A receptor, subunit gamma	Gabrg2	0.000786427	-3.12172	Week 3 down vs Week 1
10436590	AK148800 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 // 77994 ///	2810055G20Rik	2.43156E-08	-3.12078	Week 3 down vs Week 1
10343523	---		2.25346E-07	-3.11922	Week 3 down vs Week 1
10341152	---		2.16048E-06	-3.11286	Week 3 down vs Week 1
10593668	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	1.33871E-07	-3.10987	Week 3 down vs Week 1
10338205	---		3.04057E-08	-3.10751	Week 3 down vs Week 1
10339795	---		1.15936E-08	-3.09923	Week 3 down vs Week 1
10338759	---		1.5848E-06	-3.09842	Week 3 down vs Week 1
10488387	NM_019632 // Napb // N-ethylmaleimide sensitive fusion protein attachment protei	Napb	2.32383E-06	-3.09205	Week 3 down vs Week 1
10339446	---		2.94138E-07	-3.09094	Week 3 down vs Week 1
10343755	---		7.15719E-06	-3.0878	Week 3 down vs Week 1
10396840	NM_030017 // Rdh12 // retinol dehydrogenase 12 // 12 D2 // 77974 /// ENSMUST0000	Rdh12	0.00268784	-3.08638	Week 3 down vs Week 1
10344537	---		7.35126E-07	-3.08607	Week 3 down vs Week 1
10398388	---		3.02801E-08	-3.08578	Week 3 down vs Week 1
10571797	NM_029569 // Asb5 // ankyrin repeat and SOCs box-containing 5 // 8 B3.1 // 76294	Asb5	7.9866E-07	-3.08352	Week 3 down vs Week 1
10506714	NM_053073 // Lrp8 // low density lipoprotein receptor-related protein 8, apolipo	Lrp8	8.47715E-08	-3.08209	Week 3 down vs Week 1
10338624	---		4.16894E-09	-3.07944	Week 3 down vs Week 1
10608263	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000714247	-3.07819	Week 3 down vs Week 1
10502135	NM_009102 // Rrh // retinal pigment epithelium derived rhodopsin homolog // 3 G3	Rrh	1.01882E-05	-3.07503	Week 3 down vs Week 1
10480249	NM_013935 // Ptpla // protein tyrosine phosphatase-like (proline instead of cata	Ptpla	7.32242E-07	-3.06869	Week 3 down vs Week 1
10339289	---		3.68466E-05	-3.06856	Week 3 down vs Week 1
10608517	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00587825	-3.06621	Week 3 down vs Week 1
10503180	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.55396E-07	-3.0643	Week 3 down vs Week 1
10366073	NM_146009 // Cep290 // centrosomal protein 290 // 10 D1|10 59.0 cM // 216274 ///	Cep290	2.68035E-06	-3.06182	Week 3 down vs Week 1
10340195	---		5.58015E-05	-3.05963	Week 3 down vs Week 1
10344133	---		5.15425E-07	-3.05883	Week 3 down vs Week 1
10358525	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.36226E-05	-3.05721	Week 3 down vs Week 1
10342271	---		0.000184245	-3.05651	Week 3 down vs Week 1
10341716	---		8.08483E-06	-3.04825	Week 3 down vs Week 1
10455080	NM_053134 // Pcdhb9 // protocadherin beta 9 // 18 B3 // 93880 /// ENSMUST0000005	Pcdhb9	1.98681E-08	-3.04639	Week 3 down vs Week 1
10578709	NM_028220 // Wdr17 // WD repeat domain 17 // 8 B3.1 // 244484 /// ENSMUST0000009	Wdr17	0.00126601	-3.04517	Week 3 down vs Week 1
10457614	NM_009700 // Aqp4 // aquaporin 4 // 18 A1|18 6.0 cM // 11829 /// ENSMUST00000079	Aqp4	4.49433E-08	-3.04446	Week 3 down vs Week 1
10340965	---		4.48158E-06	-3.04369	Week 3 down vs Week 1
10338523	---		3.28997E-06	-3.04223	Week 3 down vs Week 1
10343959	---		1.95468E-07	-3.03917	Week 3 down vs Week 1
10601846	NR_003642 // 2900062L11Rik // signal peptidase complex subunit 3 homolog pseudog	2900062L11Rik	3.29801E-07	-3.03891	Week 3 down vs Week 1
10541144	NM_001033382 // Cacna2d4 // calcium channel, voltage-dependent, alpha 2/delta su	Cacna2d4	5.25619E-05	-3.03716	Week 3 down vs Week 1
10361023	NM_008937 // Prox1 // prospero-related homeobox 1 // 1 H6|1 106.3 cM // 19130 //	Prox1	0.000032648	-3.03294	Week 3 down vs Week 1
10431872	ENSMUST00000100262 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 //	Slc38a1	1.39052E-08	-3.03269	Week 3 down vs Week 1
10343100	---		2.4633E-07	-3.03169	Week 3 down vs Week 1
10366163	NM_175328 // Slc6a15 // solute carrier family 6 (neurotransmitter transporter),	Slc6a15	0.000120054	-3.02905	Week 3 down vs Week 1
10599001	NM_007429 // Agtr2 // angiotensin II receptor, type 2 // X A2|X 12.5 cM // 11609	Agtr2	3.98827E-07	-3.0272	Week 3 down vs Week 1
10504902	NM_026509 // Murc // muscle-related coiled-coil protein // 4 B2 // 68016 /// ENS	Murc	6.1023E-07	-3.02321	Week 3 down vs Week 1
10341820	---		0.000789069	-3.02091	Week 3 down vs Week 1

10343661	---		4.10381E-09	-3.01435	Week 3 down vs Week 1
10595392	NM_148941 // Elovl4 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl4	0.000300483	-3.01352	Week 3 down vs Week 1
10382376	NM_053273 // Ttyh2 // tweety homolog 2 (Drosophila) // 11 E2 // 117160 /// ENSMU	Ttyh2	7.76532E-10	-3.01292	Week 3 down vs Week 1
10484237	NM_178723 // Zfp385b // zinc finger protein 385B // 2 C3 // 241494 /// NM_001113	Zfp385b	2.58466E-07	-3.01244	Week 3 down vs Week 1
10380303	NM_028296 // Car10 // carbonic anhydrase 10 // 11 C // 72605 /// ENSMUST00000042	Car10	9.48952E-05	-3.01151	Week 3 down vs Week 1
10589494	NM_013884 // Cspg5 // chondroitin sulfate proteoglycan 5 // 9 F2 // 29873 /// AF	Cspg5	5.84078E-07	-3.01023	Week 3 down vs Week 1
10339113	---		3.19737E-06	-3.00641	Week 3 down vs Week 1
10526055	NM_008095 // Gbas // glioblastoma amplified sequence // 5 G1.3 // 14467 /// ENSM	Gbas	7.52784E-10	-2.99888	Week 3 down vs Week 1
10472136	NM_173030 // Galnt13 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylg	Galnt13	2.49736E-05	-2.99847	Week 3 down vs Week 1
10393793	NM_012065 // Pde6g // phosphodiesterase 6G, cGMP-specific, rod, gamma // 11 E2|1	Pde6g	0.0010688	-2.99761	Week 3 down vs Week 1
10343671	---		1.03267E-05	-2.99281	Week 3 down vs Week 1
10578017	AK035883 // Gm9911 // predicted gene 9911 // --- // 100101427	Gm9911	9.42505E-06	-2.98877	Week 3 down vs Week 1
10591116	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	9.30944E-09	-2.98585	Week 3 down vs Week 1
10495562	NM_175413 // Lrrc39 // leucine rich repeat containing 39 // 3 G2 // 109245 /// N	Lrrc39	4.28951E-06	-2.9775	Week 3 down vs Week 1
10374578	BC024460 // Fam161a // family with sequence similarity 161, member A // 11 A3.3	Fam161a	0.000129223	-2.97576	Week 3 down vs Week 1
10343527	---		4.41437E-06	-2.97375	Week 3 down vs Week 1
10497731	NM_026222 // Ccdc39 // coiled-coil domain containing 39 // 3 A3 // 51938 /// NM_	Ccdc39	5.8455E-11	-2.97334	Week 3 down vs Week 1
10595033	NM_009130 // Scg3 // secretogranin III // 9 D|9 42.0 cM // 20255 /// ENSMUST0000	Scg3	0.00119024	-2.97321	Week 3 down vs Week 1
10342714	---		1.48696E-08	-2.97046	Week 3 down vs Week 1
10341088	---		2.99088E-06	-2.96403	Week 3 down vs Week 1
10339412	---		3.33732E-05	-2.95689	Week 3 down vs Week 1
10340021	---		1.14025E-08	-2.95282	Week 3 down vs Week 1
10484307	NM_011356 // Frzb // frizzled-related protein // 2 C3|2 49.75 cM // 20378 /// EN	Frzb	5.81982E-07	-2.95201	Week 3 down vs Week 1
10491455	NM_001113188 // Fxr1 // fragile X mental retardation gene 1, autosomal homolog /	Fxr1	3.0308E-11	-2.95143	Week 3 down vs Week 1
10372383	BC051527 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 320150	Zdhhc17	1.93672E-06	-2.94658	Week 3 down vs Week 1
10543591	NM_007538 // Opn1sw // opsin 1 (cone pigments), short-wave-sensitive (color blin	Opn1sw	0.000529738	-2.94605	Week 3 down vs Week 1
10341042	---		1.3229E-06	-2.94579	Week 3 down vs Week 1
10341091	---		8.10258E-07	-2.94415	Week 3 down vs Week 1
10338866	---		3.98552E-05	-2.94198	Week 3 down vs Week 1
10343185	---		5.89191E-07	-2.94018	Week 3 down vs Week 1
10343957	---		1.52778E-06	-2.93867	Week 3 down vs Week 1
10419525	BC137729 // A930018M24Rik // RIKEN cDNA A930018M24 gene // 14 C1 // 328399	A930018M24Rik	1.0491E-06	-2.93804	Week 3 down vs Week 1
10344255	---		1.58147E-06	-2.93748	Week 3 down vs Week 1
10608464	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000701453	-2.93709	Week 3 down vs Week 1
10564161	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.48196E-05	-2.93398	Week 3 down vs Week 1
10340896	---		2.96122E-08	-2.93118	Week 3 down vs Week 1
10338716	---		1.96918E-07	-2.92816	Week 3 down vs Week 1
10594188	NM_013708 // Nr2e3 // nuclear receptor subfamily 2, group E, member 3 // 9 B|9 3	Nr2e3	0.00161893	-2.92644	Week 3 down vs Week 1
10341655	---		2.27268E-06	-2.92395	Week 3 down vs Week 1
10435075	NM_011638 // Tfrc // transferrin receptor // 16 B3|16 21.2 cM // 22042 /// ENSMU	Tfrc	1.43693E-08	-2.92289	Week 3 down vs Week 1
10360631	NM_023341 // Cabc1 // chaperone, ABC1 activity of bc1 complex like (S. pombe) //	Cabc1	1.50921E-06	-2.92238	Week 3 down vs Week 1
10491252	NM_029489 // Samd7 // sterile alpha motif domain containing 7 // 3 A3 // 75953 /	Samd7	0.000204068	-2.92231	Week 3 down vs Week 1
10532580	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	8.20792E-09	-2.92162	Week 3 down vs Week 1
10340018	---		0.000060755	-2.92028	Week 3 down vs Week 1
10375259	NM_008070 // Gabrb2 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 2	Gabrb2	7.58424E-08	-2.90877	Week 3 down vs Week 1
10492469	NM_001039543 // Mlf1 // myeloid leukemia factor 1 // 3 E1|3 31.0 cM // 17349 ///	Mlf1	0.000126075	-2.90662	Week 3 down vs Week 1
10338252	---		0.000022755	-2.90618	Week 3 down vs Week 1
10343687	---		0.0234998	-2.90592	Week 3 down vs Week 1
10564163	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564167	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564171	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564173	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564175	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564179	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564181	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564185	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564187	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564189	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564191	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564193	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564195	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564197	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564199	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564201	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10564205	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1

10564207	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	1.54793E-05	-2.9052	Week 3 down vs Week 1
10531348	NM_011148 // Ppef2 // protein phosphatase, EF hand calcium-binding domain 2 // 5	Ppef2	0.000180123	-2.90394	Week 3 down vs Week 1
10365987	NM_008438 // Kera // keratocan // 10 C3|10 61.0 cM // 16545 /// ENSMUST000001052	Kera	6.45355E-05	-2.9008	Week 3 down vs Week 1
10607143	NM_007603 // Capn6 // calpain 6 // X F2 // 12338 /// ENSMUST00000087316 // Capn6	Capn6	3.53386E-06	-2.8998	Week 3 down vs Week 1
10427904	BC050864 // Fbxl7 // F-box and leucine-rich repeat protein 7 // 15 B1 // 448987	Fbxl7	2.30362E-09	-2.89943	Week 3 down vs Week 1
10608513	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00392506	-2.89281	Week 3 down vs Week 1
10369715	NM_182992 // Mypn // myopalladin // 10 B4 // 68802 /// ENSMUST00000095580 // Myp	Mypn	7.51853E-05	-2.89224	Week 3 down vs Week 1
10593316	---		7.88069E-10	-2.8912	Week 3 down vs Week 1
10376002	---		4.14662E-09	-2.89068	Week 3 down vs Week 1
10365208	NM_001024626 // Zfp873 // zinc finger protein 873 // 10 C1 // 408062 /// ENSMUST	Zfp873	6.328E-12	-2.88744	Week 3 down vs Week 1
10608667	---		2.55352E-09	-2.88649	Week 3 down vs Week 1
10342796	---		0.000038112	-2.88588	Week 3 down vs Week 1
10418950	NM_001039074 // Ldb3 // LIM domain binding 3 // 14 B // 24131 /// NM_011918 // L	Ldb3	4.23263E-05	-2.88568	Week 3 down vs Week 1
10472321	NM_033552 // Slc4a10 // solute carrier family 4, sodium bicarbonate cotransporte	Slc4a10	9.45634E-06	-2.88473	Week 3 down vs Week 1
10343690	---		1.97009E-08	-2.87805	Week 3 down vs Week 1
10431915	NM_027052 // Slc38a4 // solute carrier family 38, member 4 // 15 F1 // 69354 ///	Slc38a4	3.3823E-07	-2.87797	Week 3 down vs Week 1
10340855	---		1.06458E-05	-2.87613	Week 3 down vs Week 1
10352586	NM_021408 // Ush2a // Usher syndrome 2A (autosomal recessive, mild) homolog (hum	Ush2a	0.000124598	-2.87593	Week 3 down vs Week 1
10342070	---		0.000185325	-2.87556	Week 3 down vs Week 1
10362005	NM_026203 // Ahi1 // Abelson helper integration site 1 // 10 A3|10 16.0 cM // 52	Ahi1	4.49176E-07	-2.87551	Week 3 down vs Week 1
10525914	---		1.30756E-05	-2.87538	Week 3 down vs Week 1
10468533	NM_008149 // Gpam // glycerol-3-phosphate acyltransferase, mitochondrial // 19 D	Gpam	6.08692E-08	-2.87408	Week 3 down vs Week 1
10540359	NM_001109749 // Cntn4 // contactin 4 // 6 E2 // 269784 /// NM_173004 // Cntn4 //	Cntn4	4.80007E-07	-2.86308	Week 3 down vs Week 1
10350840	NM_028333 // Angptl1 // angiopoietin-like 1 // 1 H1 // 72713 /// ENSMUST00000027	Angptl1	4.03605E-05	-2.86285	Week 3 down vs Week 1
10359999	---		3.77477E-07	-2.86005	Week 3 down vs Week 1
10339998	---		0.00007249	-2.85917	Week 3 down vs Week 1
10352178	NM_178653 // Sccpdh // saccharopine dehydrogenase (putative) // 1 H4 // 109232 /	Sccpdh	4.46575E-10	-2.85815	Week 3 down vs Week 1
10341363	---		1.97002E-09	-2.85758	Week 3 down vs Week 1
10340418	---		2.09277E-06	-2.85712	Week 3 down vs Week 1
10565910	NM_013746 // Plekhb1 // pleckstrin homology domain containing, family B (evectin	Plekhb1	0.0006795	-2.8526	Week 3 down vs Week 1
10339416	---		4.09292E-07	-2.85234	Week 3 down vs Week 1
10547858	NM_013530 // Gnb3 // guanine nucleotide binding protein (G protein), beta 3 // 6	Gnb3	0.000121483	-2.85228	Week 3 down vs Week 1
10413985	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.000672141	-2.85173	Week 3 down vs Week 1
10571815	NM_153581 // Gpm6a // glycoprotein m6a // 8 B3.2 // 234267 /// ENSMUST0000003391	Gpm6a	7.08747E-05	-2.85158	Week 3 down vs Week 1
10342113	---		5.65755E-06	-2.84868	Week 3 down vs Week 1
10534085	NM_011079 // Phkg1 // phosphorylase kinase gamma 1 // 5 G1.3|5 72.0 cM // 18682	Phkg1	3.61364E-06	-2.84738	Week 3 down vs Week 1
10344973	NM_010267 // Gdap1 // ganglioside-induced differentiation-associated-protein 1 /	Gdap1	6.24971E-06	-2.84587	Week 3 down vs Week 1
10492640	NM_178673 // Fstl5 // follistatin-like 5 // 3 E3 // 213262 /// ENSMUST0000003836	Fstl5	0.000185592	-2.84351	Week 3 down vs Week 1
10528238	NM_172992 // Phtf2 // putative homeodomain transcription factor 2 // 5 A3 // 687	Phtf2	2.98326E-08	-2.84333	Week 3 down vs Week 1
10594798	---		4.95203E-07	-2.84169	Week 3 down vs Week 1
10343145	---		5.48714E-10	-2.83829	Week 3 down vs Week 1
10431874	NM_134086 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 // 105727 //	Slc38a1	4.09864E-09	-2.83711	Week 3 down vs Week 1
10531177	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	6.20515E-07	-2.83696	Week 3 down vs Week 1
10512499	NM_009416 // Tpm2 // tropomyosin 2, beta // 4 B1 // 22004 /// ENSMUST00000030184	Tpm2	7.59583E-05	-2.83693	Week 3 down vs Week 1
10343308	---		1.31215E-08	-2.83619	Week 3 down vs Week 1
10400926	NM_153457 // Rtn1 // reticulon 1 // 12 C3 // 104001 /// NM_001007596 // Rtn1 //	Rtn1	0.000264593	-2.83202	Week 3 down vs Week 1
10570379	NM_011881 // Grk1 // G protein-coupled receptor kinase 1 // --- // 24013 /// BC0	Grk1	0.00141842	-2.82803	Week 3 down vs Week 1
10343925	---		2.02508E-05	-2.8265	Week 3 down vs Week 1
10602198	NM_008778 // Pak3 // p21 protein (Cdc42/Rac)-activated kinase 3 // X F2 // 18481	Pak3	2.85902E-06	-2.82508	Week 3 down vs Week 1
10342277	---		0.000210541	-2.82161	Week 3 down vs Week 1
10340436	---		6.78922E-10	-2.8193	Week 3 down vs Week 1
10580382	NM_001081324 // Neto2 // neuropilin (NRP) and tolloid (TLL)-like 2 // 8 C4 // 74	Neto2	2.92041E-10	-2.8186	Week 3 down vs Week 1
10473444	NM_011784 // Aplnr // apelin receptor // 2 E1 // 23796 /// ENSMUST00000057019 //	Aplnr	1.1023E-09	-2.81783	Week 3 down vs Week 1
10436594	---		1.01427E-08	-2.81616	Week 3 down vs Week 1
10342141	---		2.92244E-06	-2.81589	Week 3 down vs Week 1
10420532	NM_015803 // Atp8a2 // ATPase, aminophospholipid transporter-like, class I, type	Atp8a2	0.000263293	-2.8158	Week 3 down vs Week 1
10477206	NM_001081044 // Mylk2 // myosin, light polypeptide kinase 2, skeletal muscle //	Mylk2	7.39578E-06	-2.81234	Week 3 down vs Week 1
10340641	---		2.25023E-06	-2.8112	Week 3 down vs Week 1
10495613	NM_029425 // 4833424O15Rik // RIKEN cDNA 4833424O15 gene // 3 G2 // 75769 /// EN	4833424O15Rik	6.9765E-06	-2.8102	Week 3 down vs Week 1
10398392	---		4.45245E-10	-2.80797	Week 3 down vs Week 1
10603266	NM_001031664 // Nudt10 // nudix (nucleoside diphosphate linked moiety X)-type mo	Nudt10	8.90287E-07	-2.80736	Week 3 down vs Week 1
10341521	---		3.5022E-07	-2.80538	Week 3 down vs Week 1
10340305	---		8.61532E-08	-2.80411	Week 3 down vs Week 1
10342007	---		5.26175E-06	-2.8036	Week 3 down vs Week 1
10423855	NM_053271 // Rims2 // regulating synaptic membrane exocytosis 2 // 15 C|15 16.0	Rims2	0.000586329	-2.80355	Week 3 down vs Week 1

10398390	---		4.06979E-08	-2.80286	Week 3 down vs Week 1
10564165	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	1.69336E-05	-2.8016	Week 3 down vs Week 1
10339896	---		7.21646E-05	-2.80009	Week 3 down vs Week 1
10343865	---		2.45874E-07	-2.79887	Week 3 down vs Week 1
10608557	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000934544	-2.79706	Week 3 down vs Week 1
10366938	NM_177707 // Stac3 // SH3 and cysteine rich domain 3 // 10 D3 // 237611 /// ENSM	Stac3	2.94044E-07	-2.79578	Week 3 down vs Week 1
10341578	---		0.00011259	-2.79481	Week 3 down vs Week 1
10344113	---		0.000109905	-2.7948	Week 3 down vs Week 1
10340697	---		2.46202E-06	-2.78843	Week 3 down vs Week 1
10342206	---		2.98724E-06	-2.78357	Week 3 down vs Week 1
10342598	---		5.98002E-06	-2.78168	Week 3 down vs Week 1
10608438	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00254555	-2.78096	Week 3 down vs Week 1
10340579	---		1.86135E-09	-2.77978	Week 3 down vs Week 1
10340905	---		0.00243742	-2.77932	Week 3 down vs Week 1
10342361	---		7.79975E-05	-2.77646	Week 3 down vs Week 1
10339383	---		1.51443E-05	-2.77106	Week 3 down vs Week 1
10446619	NM_010867 // Myom1 // myomesin 1 // 17 E1.3 // 17929 /// NM_001083934 // Myom1 /	Myom1	0.000381777	-2.76826	Week 3 down vs Week 1
10344138	---		1.09177E-07	-2.76659	Week 3 down vs Week 1
10341416	---		5.70269E-05	-2.76604	Week 3 down vs Week 1
10604656	NM_011725 // Xlr // X-linked lymphocyte-regulated complex // X A5 // 22441 /// E	Xlr	3.65105E-07	-2.76412	Week 3 down vs Week 1
10339703	---		1.14386E-05	-2.76402	Week 3 down vs Week 1
10498018	NM_130448 // Pcdh18 // protocadherin 18 // 3 C // 73173 /// ENSMUST00000035931 /	Pcdh18	2.81216E-08	-2.76313	Week 3 down vs Week 1
10341961	---		2.51676E-06	-2.76277	Week 3 down vs Week 1
10439798	NM_001110017 // Dzip3 // DAZ interacting protein 3, zinc finger // 16 B5 // 2241	Dzip3	6.69527E-10	-2.76076	Week 3 down vs Week 1
10340527	---		1.07207E-05	-2.74839	Week 3 down vs Week 1
10537062	NM_008590 // Mest // mesoderm specific transcript // 6 B1|6 7.5 cM // 17294 ///	Mest	6.59995E-05	-2.74756	Week 3 down vs Week 1
10600797	NR_004438 // Apoo-ps // apolipoprotein O, pseudogene // 13 D2.1 // 621156 /// NM	Apoo-ps	1.154E-12	-2.74427	Week 3 down vs Week 1
10432176	AF357396 // Snora34 // small nucleolar RNA, H/ACA box 34 // 15|15 // 100217417	Snora34	6.39823E-08	-2.73892	Week 3 down vs Week 1
10350341	---		3.1592E-06	-2.73871	Week 3 down vs Week 1
10437180	NM_015825 // Sh3bgr // SH3-binding domain glutamic acid-rich protein // 16 C4 //	Sh3bgr	4.05605E-07	-2.73578	Week 3 down vs Week 1
10473312	NM_175514 // Fam171b // family with sequence similarity 171, member B // 2 D //	Fam171b	6.70201E-06	-2.73496	Week 3 down vs Week 1
10338682	---		3.77985E-07	-2.7339	Week 3 down vs Week 1
10338473	---		1.18892E-07	-2.73247	Week 3 down vs Week 1
10398356	---		1.7168E-11	-2.73184	Week 3 down vs Week 1
10551966	NM_001012401 // Hspb6 // heat shock protein, alpha-crystallin-related, B6 // 7 B	Hspb6	0.000200109	-2.73062	Week 3 down vs Week 1
10608716	---		8.66012E-05	-2.72922	Week 3 down vs Week 1
10340892	---		4.01943E-08	-2.72864	Week 3 down vs Week 1
10522217	NM_001001980 // Limch1 // LIM and calponin homology domains 1 // 5 C3.1 // 77569	Limch1	9.14791E-08	-2.72753	Week 3 down vs Week 1
10501802	NM_178936 // Tmem56 // transmembrane protein 56 // 3 G3 // 99887 /// ENSMUST0000	Tmem56	0.00012286	-2.7261	Week 3 down vs Week 1
10412036	NR_004438 // Apoo-ps // apolipoprotein O, pseudogene // 13 D2.1 // 621156 /// NM	Apoo-ps	5.0404E-11	-2.7227	Week 3 down vs Week 1
10338590	---		3.98987E-06	-2.7215	Week 3 down vs Week 1
10340918	---		2.2563E-06	-2.72121	Week 3 down vs Week 1
10343127	---		5.60214E-07	-2.71897	Week 3 down vs Week 1
10340557	---		2.21758E-05	-2.7169	Week 3 down vs Week 1
10341211	---		0.000132515	-2.71512	Week 3 down vs Week 1
10338419	---		1.61928E-07	-2.71507	Week 3 down vs Week 1
10400948	NM_029444 // Six6os1 // Six6 opposite strand transcript 1 // 12 C3 // 75801 ///	Six6os1	7.64261E-06	-2.71459	Week 3 down vs Week 1
10341999	---		4.14051E-05	-2.71444	Week 3 down vs Week 1
10343210	---		5.13486E-08	-2.71103	Week 3 down vs Week 1
10608352	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	0.000491431	-2.70731	Week 3 down vs Week 1
10563935	---		8.95464E-05	-2.70716	Week 3 down vs Week 1
10564045	---		8.95464E-05	-2.70716	Week 3 down vs Week 1
10564047	---		8.95464E-05	-2.70716	Week 3 down vs Week 1
10483770	NM_001110209 // Lnp // limb and neural patterns // 2 C3 // 69605 /// NM_027133 /	Lnp	1.21517E-09	-2.70143	Week 3 down vs Week 1
10338428	---		3.93864E-05	-2.69932	Week 3 down vs Week 1
10344005	---		0.000053656	-2.69913	Week 3 down vs Week 1
10564235	---		5.2652E-07	-2.69792	Week 3 down vs Week 1
10339483	---		1.38365E-08	-2.69639	Week 3 down vs Week 1
10340222	---		2.27842E-06	-2.69609	Week 3 down vs Week 1
10341549	---		1.6863E-07	-2.69567	Week 3 down vs Week 1
10339347	---		2.47311E-10	-2.6948	Week 3 down vs Week 1
10564233	---		4.00297E-07	-2.69413	Week 3 down vs Week 1
10564169	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.30449E-05	-2.69298	Week 3 down vs Week 1
10501699	NM_001081326 // Agl // amylo-1,6-glucosidase, 4-alpha-glucanotransferase // 3 G1	Agl	3.95696E-07	-2.69149	Week 3 down vs Week 1
10342768	---		9.07036E-07	-2.69133	Week 3 down vs Week 1

10341606	---		7.42636E-06	-2.68945	Week 3 down vs Week 1
10437205	NM_008791 // Pcp4 // Purkinje cell protein 4 // 16 C4|16 69.9 cM // 18546 /// EN	Pcp4	2.85482E-05	-2.68903	Week 3 down vs Week 1
10342981	---		8.13033E-06	-2.68706	Week 3 down vs Week 1
10342578	---		6.79015E-05	-2.68615	Week 3 down vs Week 1
10603059	NM_020626 // Tmem27 // transmembrane protein 27 // X F5 // 57394 /// ENSMUST0000	Tmem27	0.00110483	-2.68602	Week 3 down vs Week 1
10607283	NM_030700 // Maged2 // melanoma antigen, family D, 2 // X F2 // 80884 /// ENSMUS	Maged2	6.14163E-08	-2.6851	Week 3 down vs Week 1
10350473	NM_020025 // B3galt2 // UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polyp	B3galt2	9.28067E-08	-2.67883	Week 3 down vs Week 1
10440344	NM_175549 // Robo2 // roundabout homolog 2 (Drosophila) // 16 C3.1 // 268902 ///	Robo2	8.98168E-09	-2.67837	Week 3 down vs Week 1
10338861	---		4.4824E-11	-2.67827	Week 3 down vs Week 1
10339092	---		1.35286E-05	-2.67725	Week 3 down vs Week 1
10344259	---		2.23575E-06	-2.67554	Week 3 down vs Week 1
10479765	NM_022724 // Suv39h2 // suppressor of variegation 3-9 homolog 2 (Drosophila) //	Suv39h2	6.32799E-07	-2.67508	Week 3 down vs Week 1
10603598	NM_011285 // Rpgr // retinitis pigmentosa GTPase regulator // X A1.1 // 19893 //	Rpgr	5.98519E-07	-2.67388	Week 3 down vs Week 1
10398366	---		8.94677E-09	-2.67319	Week 3 down vs Week 1
10399825	NM_007861 // Dld // dihydrolipoamide dehydrogenase // 12 A3|12 15.1 cM // 13382	Dld	2.20609E-09	-2.67289	Week 3 down vs Week 1
10341333	---		5.23441E-07	-2.67202	Week 3 down vs Week 1
10339826	---		2.7659E-07	-2.67094	Week 3 down vs Week 1
10340303	---		2.31438E-06	-2.67075	Week 3 down vs Week 1
10413977	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.0022945	-2.67004	Week 3 down vs Week 1
10564005	---		8.67507E-05	-2.66812	Week 3 down vs Week 1
10604347	NM_053123 // Smarca1 // SWI/SNF related, matrix associated, actin dependent regu	Smarca1	1.80503E-06	-2.66682	Week 3 down vs Week 1
10440329	AK038707 // 9330155M09Rik // RIKEN cDNA 9330155M09 gene // 16 C2 // 320756	9330155M09Rik	0.000116135	-2.66592	Week 3 down vs Week 1
10341517	---		0.000328536	-2.66516	Week 3 down vs Week 1
10503659	NM_010141 // Epha7 // Eph receptor A7 // 4 A4|4 1.9 cM // 13841 /// NM_001122889	Epha7	2.79323E-09	-2.66388	Week 3 down vs Week 1
10564143	---		0.00011568	-2.66163	Week 3 down vs Week 1
10564147	---		0.00011568	-2.66163	Week 3 down vs Week 1
10558740	XM_001480612 // Gm15542 // DnaJ-like protein // 7 F5|7 // 100043546	Gm15542	1.07917E-05	-2.65789	Week 3 down vs Week 1
10553773	NM_008071 // Gabrb3 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 3	Gabrb3	1.99824E-07	-2.65758	Week 3 down vs Week 1
10340883	---		0.000206597	-2.65626	Week 3 down vs Week 1
10343863	---		6.00055E-06	-2.65286	Week 3 down vs Week 1
10436598	ENSMUST00000068704 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 //	2810055G20Rik	4.47874E-05	-2.65279	Week 3 down vs Week 1
10529091	---		0.000334331	-2.6522	Week 3 down vs Week 1
10343273	---		6.53563E-05	-2.64793	Week 3 down vs Week 1
10341079	---		4.38436E-06	-2.64674	Week 3 down vs Week 1
10400155	ENSMUST00000066043 // Nova1 // neuro-oncological ventral antigen 1 // 12 B3 // 6	Nova1	2.91377E-09	-2.64606	Week 3 down vs Week 1
10338289	---		3.51034E-05	-2.64488	Week 3 down vs Week 1
10342439	---		3.48153E-05	-2.64274	Week 3 down vs Week 1
10596279	NM_001163026 // Dnajc13 // DnaJ (Hsp40) homolog, subfamily C, member 13 // 9 F1	Dnajc13	4.73637E-06	-2.64256	Week 3 down vs Week 1
10400989	NM_172805 // Kcnh5 // potassium voltage-gated channel, subfamily H (eag-related)	Kcnh5	1.29784E-05	-2.64156	Week 3 down vs Week 1
10339538	---		1.21068E-07	-2.64116	Week 3 down vs Week 1
10339946	---		4.63939E-06	-2.64036	Week 3 down vs Week 1
10339915	---		3.68576E-06	-2.64026	Week 3 down vs Week 1
10344288	---		3.41995E-05	-2.63935	Week 3 down vs Week 1
10541496	NM_015776 // Mfap5 // microfibrillar associated protein 5 // 6 F1 // 50530 /// E	Mfap5	0.00048073	-2.63784	Week 3 down vs Week 1
10339109	---		0.000277879	-2.63774	Week 3 down vs Week 1
10377725	NM_007864 // Dlg4 // discs, large homolog 4 (Drosophila) // 11 B4 // 13385 /// N	Dlg4	3.89202E-05	-2.63258	Week 3 down vs Week 1
10346000	NM_028450 // Gulp1 // GULP, engulfment adaptor PTB domain containing 1 // 1 C1 /	Gulp1	4.11343E-06	-2.62822	Week 3 down vs Week 1
10400157	ENSMUST00000021438 // Nova1 // neuro-oncological ventral antigen 1 // 12 B3 // 6	Nova1	1.3129E-08	-2.62813	Week 3 down vs Week 1
10342644	---		1.46082E-05	-2.62671	Week 3 down vs Week 1
10564135	---		0.00011362	-2.62344	Week 3 down vs Week 1
10339742	---		2.10195E-07	-2.62261	Week 3 down vs Week 1
10338596	---		6.78806E-07	-2.62191	Week 3 down vs Week 1
10572024	NM_023689 // Spock3 // sparc/osteonectin, cwcv and kazal-like domains proteoglyc	Spock3	3.3513E-11	-2.62136	Week 3 down vs Week 1
10338276	---		1.92048E-07	-2.61954	Week 3 down vs Week 1
10482795	NM_029972 // Ermn // ermin, ERM-like protein // 2 C2|2 // 77767 /// ENSMUST00000	Ermn	0.000159374	-2.6174	Week 3 down vs Week 1
10599884	NM_001161431 // Slitrk2 // SLIT and NTRK-like family, member 2 // X A5 // 245450	Slitrk2	2.36595E-05	-2.61497	Week 3 down vs Week 1
10578539	NM_007450 // Slc25a4 // solute carrier family 25 (mitochondrial carrier, adenine	Slc25a4	1.08523E-08	-2.61377	Week 3 down vs Week 1
10491136	NM_026910 // Tnik // TRAF2 and NCK interacting kinase // 3 A3 // 665113 /// NM_0	Tnik	8.8441E-11	-2.61318	Week 3 down vs Week 1
10338643	---		0.000053001	-2.61307	Week 3 down vs Week 1
10403796	NM_175007 // Amph // amphiphysin // 13 A2 // 218038 /// ENSMUST00000003345 // Am	Amph	2.74982E-05	-2.61147	Week 3 down vs Week 1
10465833	NM_009073 // Rom1 // rod outer segment membrane protein 1 // 19 A|19 8.0 cM // 1	Rom1	0.00655084	-2.60787	Week 3 down vs Week 1
10352576	NM_011935 // Esrrg // estrogen-related receptor gamma // 1 H6 // 26381 /// ENSMU	Esrrg	6.56438E-08	-2.60713	Week 3 down vs Week 1
10339821	---		0.000305774	-2.60706	Week 3 down vs Week 1
10564011	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153423	-2.60646	Week 3 down vs Week 1
10340369	---		1.92671E-09	-2.60623	Week 3 down vs Week 1

10428370	NM_175456 // Abra // actin-binding Rho activating protein // 15 B3.1 // 223513 /	Abra	3.26725E-06	-2.60614	Week 3 down vs Week 1
10440393	NM_023380 // Samsn1 // SAM domain, SH3 domain and nuclear localization signals,	Samsn1	1.97783E-05	-2.60591	Week 3 down vs Week 1
10344236	---		4.95688E-05	-2.60445	Week 3 down vs Week 1
10532576	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	1.37717E-05	-2.60215	Week 3 down vs Week 1
10342674	---		1.29836E-06	-2.60011	Week 3 down vs Week 1
10340042	---		3.97167E-05	-2.59883	Week 3 down vs Week 1
10342863	---		1.22392E-06	-2.59676	Week 3 down vs Week 1
10564049	---		1.42793E-05	-2.58964	Week 3 down vs Week 1
10341278	---		0.000145835	-2.58869	Week 3 down vs Week 1
10400350	NM_007688 // Cfl2 // cofilin 2, muscle // 12 C1 // 12632 /// ENSMUST00000078124	Cfl2	1.88116E-08	-2.58622	Week 3 down vs Week 1
10384398	NM_010345 // Grb10 // growth factor receptor bound protein 10 // 11 A1|11 8.0 cM	Grb10	1.20097E-05	-2.58258	Week 3 down vs Week 1
10343324	---		2.15123E-07	-2.5796	Week 3 down vs Week 1
10503196	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.04937E-05	-2.5755	Week 3 down vs Week 1
10605815	NM_080858 // Asb12 // ankyrin repeat and SOCS box-containing 12 // X C1 // 70392	Asb12	0.000140756	-2.57459	Week 3 down vs Week 1
10342477	---		0.00753286	-2.57426	Week 3 down vs Week 1
10398418	---		1.41871E-09	-2.57285	Week 3 down vs Week 1
10339563	---		9.42249E-05	-2.57221	Week 3 down vs Week 1
10608226			0.00133148	-2.57039	Week 3 down vs Week 1
10497276	NM_029310 // Fabp12 // fatty acid binding protein 12 // 3 A1 // 75497 /// ENSMUS	Fabp12	0.000442786	-2.56804	Week 3 down vs Week 1
10344157	---		2.70898E-08	-2.56707	Week 3 down vs Week 1
10340011	---		0.000010015	-2.56704	Week 3 down vs Week 1
10340753	---		2.78744E-05	-2.56675	Week 3 down vs Week 1
10344033	---		6.05375E-06	-2.56638	Week 3 down vs Week 1
10339135	---		6.70874E-07	-2.56429	Week 3 down vs Week 1
10495035	NM_009196 // Slc16a1 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a1	4.13658E-05	-2.56335	Week 3 down vs Week 1
10338379	---		2.73065E-06	-2.56299	Week 3 down vs Week 1
10518358	NM_145078 // 2610305D13Rik // RIKEN cDNA 2610305D13 gene // 4 E1 // 112422 /// E	2610305D13Rik	4.11692E-09	-2.56045	Week 3 down vs Week 1
10563937	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10563947	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10563951	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10563953	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10563957	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10563995	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10563997	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10563999	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10564001	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10564003	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10564007	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10564029	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10564031	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000178091	-2.56045	Week 3 down vs Week 1
10564035	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564039	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564051	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564059	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564061	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564063	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564065	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000178091	-2.56045	Week 3 down vs Week 1
10564067	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564071	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564075	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564081	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564083	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564131	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564133	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564141	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564145	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564149	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564151	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564153	---		0.000178091	-2.56045	Week 3 down vs Week 1
10564155	---		0.000178091	-2.56045	Week 3 down vs Week 1
10591131	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	4.21304E-08	-2.55968	Week 3 down vs Week 1
10373588	NM_134006 // Rdh5 // retinol dehydrogenase 5 // 10 D3|10 72.0 cM // 19682 /// EN	Rdh5	0.00192668	-2.55908	Week 3 down vs Week 1
10564237	ENSMUST00000054860 // Gm9801 // predicted gene 9801 // 7 C|7 // 330552	Gm9801	1.46994E-10	-2.55725	Week 3 down vs Week 1
10338112	---		8.74729E-07	-2.55478	Week 3 down vs Week 1
10342514	---		1.10655E-05	-2.55261	Week 3 down vs Week 1

10342335	---		8.17906E-06	-2.5504	Week 3 down vs Week 1
10426397	NM_007727 // Cntn1 // contactin 1 // 15 F|15 55.1 cM // 12805 /// NM_001159647 /	Cntn1	0.000185225	-2.55017	Week 3 down vs Week 1
10344351	---		2.44285E-05	-2.55	Week 3 down vs Week 1
10587616	NM_178738 // Prss35 // protease, serine, 35 // 9 E3.1 // 244954 /// ENSMUST00000	Prss35	7.50607E-07	-2.54928	Week 3 down vs Week 1
10339699	---		2.21913E-05	-2.54832	Week 3 down vs Week 1
10413983	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.000138049	-2.54724	Week 3 down vs Week 1
10413967	ENSMUST00000096028 // Gm626 // predicted gene 626 // 14 B // 268729	Gm626	0.00228342	-2.54507	Week 3 down vs Week 1
10343594	---		1.91914E-06	-2.54281	Week 3 down vs Week 1
10485361	BC025075 // B230118H07Rik // RIKEN cDNA B230118H07 gene // 2 E2|2 56.0 cM // 681	B230118H07Rik	1.4538E-11	-2.54116	Week 3 down vs Week 1
10541354	NM_175628 // A2m // alpha-2-macroglobulin // 6 F1|6 61.7 cM // 232345 /// ENSMUS	A2m	4.83043E-06	-2.54077	Week 3 down vs Week 1
10338806	---		1.09368E-06	-2.54018	Week 3 down vs Week 1
10585417	NM_029573 // Idh3a // isocitrate dehydrogenase 3 (NAD+) alpha // 9 A5.3 // 67834	Idh3a	6.46655E-10	-2.53906	Week 3 down vs Week 1
10376096	NM_001033598 // Acsl6 // acyl-CoA synthetase long-chain family member 6 // 11 B1	Acsl6	1.94213E-05	-2.53839	Week 3 down vs Week 1
10341743	---		2.00986E-06	-2.53804	Week 3 down vs Week 1
10417628	NM_012061 // Cadps // Ca2+-dependent secretion activator // 14 A2 // 27062 /// N	Cadps	0.00278082	-2.53336	Week 3 down vs Week 1
10343614	---		1.42654E-05	-2.53298	Week 3 down vs Week 1
10343500	---		8.69481E-05	-2.53219	Week 3 down vs Week 1
10339233	---		6.68E-13	-2.53153	Week 3 down vs Week 1
10359793	NM_001033344 // Dusp27 // dual specificity phosphatase 27 (putative) // 1 H2.3 /	Dusp27	3.74349E-06	-2.53152	Week 3 down vs Week 1
10343951	---		2.30054E-06	-2.53122	Week 3 down vs Week 1
10341548	---		6.74909E-06	-2.52567	Week 3 down vs Week 1
10452295	NM_009451 // Tubb4 // tubulin, beta 4 // 17 D|17 34.5 cM // 22153 /// ENSMUST000	Tubb4	3.10894E-06	-2.5245	Week 3 down vs Week 1
10483081	NM_007986 // Fap // fibroblast activation protein // 2 C1.3|2 36.0 cM // 14089 /	Fap	0.000171086	-2.52169	Week 3 down vs Week 1
10343386	---		0.000612009	-2.52086	Week 3 down vs Week 1
10480139	NM_153155 // C1ql3 // C1q-like 3 // 2 A1 // 227580 /// NM_008961 // Pter // phos	C1ql3	3.22549E-06	-2.51935	Week 3 down vs Week 1
10342682	---		0.000307932	-2.51692	Week 3 down vs Week 1
10339268	---		0.00128821	-2.51584	Week 3 down vs Week 1
10338409	---		3.15274E-07	-2.51479	Week 3 down vs Week 1
10341523	---		0.000107942	-2.5145	Week 3 down vs Week 1
10502770	NM_001081298 // Lphn2 // latrophilin 2 // 3 H3 // 99633 /// ENSMUST00000106127 /	Lphn2	0.000177055	-2.51388	Week 3 down vs Week 1
10338575	---		0.000440388	-2.51335	Week 3 down vs Week 1
10564111	---		0.000105948	-2.51316	Week 3 down vs Week 1
10571167	NM_001013609 // Tex24 // testis expressed gene 24 // 8 A2 // 541463 /// ENSMUST0	Tex24	5.72526E-06	-2.51175	Week 3 down vs Week 1
10472402	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	3.05878E-07	-2.51037	Week 3 down vs Week 1
10343079	---		1.14814E-06	-2.51027	Week 3 down vs Week 1
10372421	NM_146241 // Trhde // TRH-degrading enzyme // 10 D2 // 237553 /// ENSMUST0000006	Trhde	3.12545E-07	-2.50894	Week 3 down vs Week 1
10413993	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.000930529	-2.50843	Week 3 down vs Week 1
10344381	---		0.00061577	-2.50807	Week 3 down vs Week 1
10459475	NM_145493 // Cplx4 // complexin 4 // 18 E1 // 225644 /// ENSMUST00000025397 // C	Cplx4	0.00841	-2.50742	Week 3 down vs Week 1
10506188	NM_028132 // Pgm2 // phosphoglucomutase 2 // 4 C6|4 45.8 cM // 72157 /// BC00852	Pgm2	1.59004E-07	-2.50704	Week 3 down vs Week 1
10601778	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	2.49229E-07	-2.50645	Week 3 down vs Week 1
10513592	NM_023597 // Wdr31 // WD repeat domain 31 // 4 C1 // 71354 /// ENSMUST0000012009	Wdr31	1.08863E-05	-2.50585	Week 3 down vs Week 1
10568363	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	2.12086E-06	-2.50343	Week 3 down vs Week 1
10354955	NM_145143 // Mpp4 // membrane protein, palmitoylated 4 (MAGUK p55 subfamily memb	Mpp4	0.000313074	-2.50254	Week 3 down vs Week 1
10412066	NM_023852 // Rab3c // RAB3C, member RAS oncogene family // 13 D2.2 // 67295 ///	Rab3c	1.60486E-05	-2.50115	Week 3 down vs Week 1
10422164	NM_007904 // Ednrb // endothelin receptor type B // 14 E2.3|14 51.0 cM // 13618	Ednrb	0.000853276	-2.50104	Week 3 down vs Week 1
10343328	---		3.12788E-07	-2.49954	Week 3 down vs Week 1
10538802	BC047154 // A930038C07Rik // RIKEN cDNA A930038C07 gene // 6 C1 // 68169 /// NM_	A930038C07Rik	5.85463E-06	-2.49946	Week 3 down vs Week 1
10342310	---		1.63713E-10	-2.4985	Week 3 down vs Week 1
10607792	NM_183427 // Glra2 // glycine receptor, alpha 2 subunit // X F5|X 72.0 cM // 237	Glra2	7.21105E-05	-2.49647	Week 3 down vs Week 1
10342583	---		4.46122E-05	-2.49416	Week 3 down vs Week 1
10343409	---		0.000390272	-2.4934	Week 3 down vs Week 1
10608539	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.00323948	-2.48935	Week 3 down vs Week 1
10608442	BC099537 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// BC	LOC380994	4.24217E-05	-2.48883	Week 3 down vs Week 1
10395103	NM_181395 // Pxdn // peroxidasin homolog (Drosophila) // 12 A2 // 69675 /// ENSM	Pxdn	6.84891E-06	-2.48832	Week 3 down vs Week 1
10571601	NM_016798 // Pdlim3 // PDZ and LIM domain 3 // 8 B1.1 // 53318 /// ENSMUST000000	Pdlim3	0.00034754	-2.48812	Week 3 down vs Week 1
10342093	---		1.32766E-05	-2.48786	Week 3 down vs Week 1
10537742	NM_013491 // Clcn1 // chloride channel 1 // 6 B2.1|6 22.5 cM // 12723 /// ENSMUS	Clcn1	3.03339E-06	-2.48775	Week 3 down vs Week 1
10542414	NM_011216 // Ptpro // protein tyrosine phosphatase, receptor type, O // 6 G1 //	Ptpro	3.09167E-06	-2.48725	Week 3 down vs Week 1
10343464	---		0.000228823	-2.48538	Week 3 down vs Week 1
10599348	NM_016886 // Gria3 // glutamate receptor, ionotropic, AMPA3 (alpha 3) // X A3.3-	Gria3	4.64649E-07	-2.48521	Week 3 down vs Week 1
10343751	---		1.50739E-07	-2.48498	Week 3 down vs Week 1
10338445	---		0.000228807	-2.48463	Week 3 down vs Week 1
10506754	NM_146255 // Slc1a7 // solute carrier family 1 (glutamate transporter), member 7	Slc1a7	0.000473549	-2.48259	Week 3 down vs Week 1
10344429	---		1.15936E-10	-2.48049	Week 3 down vs Week 1

10567564	NM_007672 // Cdr2 // cerebellar degeneration-related 2 // 7 F2|7 60.0 cM // 1258	Cdr2	1.98583E-05	-2.48049	Week 3 down vs Week 1
10564019	---		0.000190095	-2.48049	Week 3 down vs Week 1
10529977	NM_008904 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	8.15478E-08	-2.4795	Week 3 down vs Week 1
10340887	---		3.3714E-06	-2.47744	Week 3 down vs Week 1
10346878	ENSMUST00000114132 // Zdbf2 // zinc finger, DBF-type containing 2 // 1 C2 // 738	Zdbf2	1.44279E-07	-2.47558	Week 3 down vs Week 1
10553501	NM_080853 // Slc17a6 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a6	4.40573E-05	-2.47532	Week 3 down vs Week 1
10338321	---		3.90924E-07	-2.47357	Week 3 down vs Week 1
10601412	NM_175271 // Lpar4 // lysophosphatidic acid receptor 4 // X D // 78134 /// ENSMU	Lpar4	4.94204E-07	-2.47204	Week 3 down vs Week 1
10601848	NR_003641 // 6530401D17Rik // signal peptidase complex subunit 3 homolog pseudog	6530401D17Rik	2.84693E-05	-2.4706	Week 3 down vs Week 1
10400581	NM_013902 // Fkbp3 // FK506 binding protein 3 // 12 C3 // 30795 /// NM_177806 //	Fkbp3	2.19813E-10	-2.47006	Week 3 down vs Week 1
10563965	---		0.000330444	-2.46703	Week 3 down vs Week 1
10563967	---		0.000330444	-2.46703	Week 3 down vs Week 1
10563971	---		0.000330444	-2.46703	Week 3 down vs Week 1
10564043	---		0.000330444	-2.46703	Week 3 down vs Week 1
10362968	NM_024285 // Bves // blood vessel epicardial substance // 10 B2|10 29.0 cM // 23	Bves	8.18727E-07	-2.46656	Week 3 down vs Week 1
10363195	NM_008297 // Hsf2 // heat shock factor 2 // 10 B3-B4 // 15500 /// ENSMUST0000007	Hsf2	1.77564E-09	-2.46569	Week 3 down vs Week 1
10344478	---		9.85966E-05	-2.46506	Week 3 down vs Week 1
10532624	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376	Myo18b	6.2185E-07	-2.46424	Week 3 down vs Week 1
10416379	NM_011506 // Sucla2 // succinate-Coenzyme A ligase, ADP-forming, beta subunit //	Sucla2	4.75924E-07	-2.46344	Week 3 down vs Week 1
10571312	NM_176933 // Dusp4 // dual specificity phosphatase 4 // 8 A4 // 319520 /// ENSMU	Dusp4	2.18523E-06	-2.46208	Week 3 down vs Week 1
10460123	BC098197 // 9330132A10Rik // RIKEN cDNA 9330132A10 gene // 18 E4 // 319609	9330132A10Rik	1.81078E-05	-2.46205	Week 3 down vs Week 1
10406434	NM_025282 // Mef2c // myocyte enhancer factor 2C // 13 C3|13 45.0 cM // 17260 //	Mef2c	0.000343011	-2.46099	Week 3 down vs Week 1
10342054	---		4.44703E-05	-2.45749	Week 3 down vs Week 1
10339824	---		1.21109E-08	-2.45693	Week 3 down vs Week 1
10564013	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000291208	-2.45405	Week 3 down vs Week 1
10564017	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000291208	-2.45405	Week 3 down vs Week 1
10358283	NM_133239 // Crb1 // crumbs homolog 1 (Drosophila) // 1 F|1 73.0 cM // 170788 //	Crb1	2.29147E-05	-2.45404	Week 3 down vs Week 1
10338946	---		0.000451293	-2.45404	Week 3 down vs Week 1
10342087	---		8.22706E-05	-2.4531	Week 3 down vs Week 1
10351293	NM_019759 // Dpt // dermatopontin // 1 H2 // 56429 /// ENSMUST00000027861 // Dpt	Dpt	0.00564502	-2.45295	Week 3 down vs Week 1
10564089	---		0.000215827	-2.45276	Week 3 down vs Week 1
10340692	---		1.26889E-05	-2.45239	Week 3 down vs Week 1
10428513	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	8.51331E-08	-2.45167	Week 3 down vs Week 1
10530633	NM_011890 // Sgcb // sarcoglycan, beta (dystrophin-associated glycoprotein) // 5	Sgcb	9.44083E-09	-2.44724	Week 3 down vs Week 1
10419416	BC023359 // 3632451O06Rik // RIKEN cDNA 3632451O06 gene // 14 C1 // 67419 /// NM	3632451O06Rik	1.68025E-07	-2.44668	Week 3 down vs Week 1
10360479	NM_001099637 // Cep170 // centrosomal protein 170 // 1 H4 // 545389 /// BC054781	Cep170	6.69357E-07	-2.44427	Week 3 down vs Week 1
10530870	NM_007937 // Epha5 // Eph receptor A5 // 5 E1|5 43.0 cM // 13839 /// ENSMUST0000	Epha5	2.73145E-07	-2.44397	Week 3 down vs Week 1
10452613	NM_172964 // Arhgap28 // Rho GTPase activating protein 28 // 17 E1.2 // 268970 /	Arhgap28	4.0454E-11	-2.44328	Week 3 down vs Week 1
10344428	---		3.21277E-07	-2.44287	Week 3 down vs Week 1
10405047	NM_025711 // Aspn // asporin // 13 B1 // 66695 /// ENSMUST00000021820 // Aspn //	Aspn	0.002277	-2.44111	Week 3 down vs Week 1
10344789	NM_026493 // Cspp1 // centrosome and spindle pole associated protein 1 // 1 A2 /	Cspp1	2.16996E-08	-2.43835	Week 3 down vs Week 1
10344193	---		1.04889E-08	-2.4383	Week 3 down vs Week 1
10607499	NM_011077 // Phex // phosphate regulating gene with homologies to endopeptidases	Phex	4.61859E-08	-2.4361	Week 3 down vs Week 1
10587829	NM_001142916 // Plod2 // procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 // 9	Plod2	2.23602E-07	-2.43505	Week 3 down vs Week 1
10338296	---		0.000199052	-2.43489	Week 3 down vs Week 1
10354374	NM_016917 // Slc40a1 // solute carrier family 40 (iron-regulated transporter), m	Slc40a1	3.14503E-09	-2.43418	Week 3 down vs Week 1
10338357	---		0.00215238	-2.43347	Week 3 down vs Week 1
10340785	---		3.44095E-06	-2.43346	Week 3 down vs Week 1
10338915	---		4.02305E-06	-2.43256	Week 3 down vs Week 1
10341082	---		1.42579E-06	-2.43171	Week 3 down vs Week 1
10340900	---		0.000961729	-2.43132	Week 3 down vs Week 1
10360270	NM_178405 // Atp1a2 // ATPase, Na+/K+ transporting, alpha 2 polypeptide // 1 H3|	Atp1a2	3.20606E-05	-2.43032	Week 3 down vs Week 1
10339558	---		0.000307436	-2.43021	Week 3 down vs Week 1
10343462	---		0.000027953	-2.42993	Week 3 down vs Week 1
10500283	NM_011797 // Car14 // carbonic anhydrase 14 // 3 F2.1 // 23831 /// NM_146104 //	Car14	6.13837E-05	-2.4298	Week 3 down vs Week 1
10341534	---		1.1462E-06	-2.42976	Week 3 down vs Week 1
10421293	NM_008915 // Ppp3cc // protein phosphatase 3, catalytic subunit, gamma isoform /	Ppp3cc	2.56546E-05	-2.42862	Week 3 down vs Week 1
10342826	---		7.61195E-09	-2.42752	Week 3 down vs Week 1
10563913	---		0.000328862	-2.42682	Week 3 down vs Week 1
10563917	---		0.000328862	-2.42682	Week 3 down vs Week 1
10563923	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000328862	-2.42682	Week 3 down vs Week 1
10458999	NM_010181 // Fbn2 // fibrillin 2 // 18 D-E1|18 29.0 cM // 14119 /// ENSMUST00000	Fbn2	2.16023E-05	-2.42605	Week 3 down vs Week 1
10338665	---		1.92375E-06	-2.42557	Week 3 down vs Week 1
10341409	---		5.57251E-07	-2.42492	Week 3 down vs Week 1
10343697	---		9.18196E-10	-2.42439	Week 3 down vs Week 1

10563909	---		0.000570562	-2.4231	Week 3 down vs Week 1
10586168	AF357363 // Snord16a // small nucleolar RNA, C/D box 16A // 9|9 // 100217453	Snord16a	0.000235991	-2.42233	Week 3 down vs Week 1
10343681	---		2.38855E-05	-2.42214	Week 3 down vs Week 1
10541968	NM_153589 // Ano2 // anoctamin 2 // 6 F3 // 243634 /// ENSMUST00000041000 // Ano	Ano2	0.000672543	-2.42131	Week 3 down vs Week 1
10370242	NM_021568 // Pcbp3 // poly(rC) binding protein 3 // 10 B5.1-B5.3 // 59093 /// EN	Pcbp3	0.000117396	-2.42037	Week 3 down vs Week 1
10563975	---		0.000326101	-2.42029	Week 3 down vs Week 1
10563981	---		0.000326101	-2.42029	Week 3 down vs Week 1
10563987	---		0.000326101	-2.42029	Week 3 down vs Week 1
10564009	---		0.000326101	-2.42029	Week 3 down vs Week 1
10340726	---		0.000240832	-2.4194	Week 3 down vs Week 1
10564041	---		0.000361317	-2.41881	Week 3 down vs Week 1
10341607	---		4.73823E-05	-2.41851	Week 3 down vs Week 1
10400609	NM_207010 // Mdga2 // MAM domain containing glycosylphosphatidylinositol anchor	Mdga2	0.000715799	-2.4184	Week 3 down vs Week 1
10564023	---		0.000315153	-2.4184	Week 3 down vs Week 1
10472549	NM_028284 // Bbs5 // Bardet-Biedl syndrome 5 (human) // 2 C3 // 72569 /// ENSMUS	Bbs5	6.03222E-05	-2.41528	Week 3 down vs Week 1
10339479	---		1.44405E-05	-2.41489	Week 3 down vs Week 1
10343281	---		0.000141777	-2.41438	Week 3 down vs Week 1
10423109	NM_175501 // Adamts12 // a disintegrin-like and metallopeptidase (reprolysin typ	Adamts12	1.71565E-06	-2.4135	Week 3 down vs Week 1
10344565	---		3.47467E-05	-2.41252	Week 3 down vs Week 1
10340709	---		7.942E-11	-2.4123	Week 3 down vs Week 1
10340462	---		0.000275352	-2.41167	Week 3 down vs Week 1
10339588	---		0.000113325	-2.40959	Week 3 down vs Week 1
10563945	---		0.000089291	-2.4087	Week 3 down vs Week 1
10511631	NM_145947 // Slc26a7 // solute carrier family 26, member 7 // 4 A1 // 208890 ///	Slc26a7	6.05727E-05	-2.40787	Week 3 down vs Week 1
10405753	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	6.5666E-07	-2.40765	Week 3 down vs Week 1
10522208	NM_011670 // Uchl1 // ubiquitin carboxy-terminal hydrolase L1 // 5 C3.1|5 36.0 c	Uchl1	0.000284152	-2.40752	Week 3 down vs Week 1
10543017	NM_013743 // Pdk4 // pyruvate dehydrogenase kinase, isoenzyme 4 // 6 A1|6 0.63 c	Pdk4	0.00259565	-2.40734	Week 3 down vs Week 1
10591978	NM_172290 // Ntm // neurotrimin // 9 A4 // 235106 /// ENSMUST00000075069 // Ntm	Ntm	5.13687E-06	-2.40617	Week 3 down vs Week 1
10538658	NM_028705 // Herc3 // hect domain and RLD 3 // 6 B3 // 73998 /// ENSMUST00000041	Herc3	8.82715E-05	-2.4056	Week 3 down vs Week 1
10340007	---		2.58961E-05	-2.4043	Week 3 down vs Week 1
10395389	NM_025312 // Sostdc1 // sclerostin domain containing 1 // 12 B2 // 66042 /// ENS	Sostdc1	1.85386E-06	-2.40359	Week 3 down vs Week 1
10536294	NM_130877 // Peg10 // paternally expressed 10 // 6 A1|6 0.5 cM // 170676 /// NM_	Peg10	4.406E-12	-2.40269	Week 3 down vs Week 1
10340197	---		0.000742307	-2.40223	Week 3 down vs Week 1
10357472	NM_009911 // Cxcr4 // chemokine (C-X-C motif) receptor 4 // 1 E4|1 67.4 cM // 12	Cxcr4	1.43914E-08	-2.4012	Week 3 down vs Week 1
10346250	NM_010834 // Mstn // myostatin // 1 C1.1|1 27.8 cM // 17700 /// ENSMUST000000272	Mstn	7.73249E-08	-2.40042	Week 3 down vs Week 1
10562784	NM_178067 // Mybpc2 // myosin binding protein C, fast-type // 7 B4 // 233199 ///	Mybpc2	0.00480804	-2.39999	Week 3 down vs Week 1
10372385	NM_172554 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 32015	Zdhhc17	5.55757E-06	-2.39978	Week 3 down vs Week 1
10343987	---		0.000107331	-2.39905	Week 3 down vs Week 1
10382321	NM_008425 // Kcnj2 // potassium inwardly-rectifying channel, subfamily J, member	Kcnj2	5.04826E-05	-2.39815	Week 3 down vs Week 1
10601648	NM_022322 // Tnmd // tenomodulin // X E3 // 64103 /// ENSMUST00000033602 // Tnmd	Tnmd	0.00127436	-2.39809	Week 3 down vs Week 1
10569344	NM_001122737 // Igf2 // insulin-like growth factor 2 // 7 F5|7 69.09 cM // 16002	Igf2	0.000104561	-2.39769	Week 3 down vs Week 1
10494372	NM_022030 // Sv2a // synaptic vesicle glycoprotein 2 a // 3 F2 // 64051 /// ENSM	Sv2a	1.55776E-05	-2.39652	Week 3 down vs Week 1
10512145	NM_007473 // Aqp7 // aquaporin 7 // 4 B1 // 11832 /// ENSMUST00000116345 // Aqp7	Aqp7	2.67545E-05	-2.39357	Week 3 down vs Week 1
10395409	NM_008584 // Meox2 // mesenchyme homeobox 2 // 12 A3|12 20.0 cM // 17286 /// ENS	Meox2	0.000105706	-2.39329	Week 3 down vs Week 1
10564033	---		0.000454295	-2.39322	Week 3 down vs Week 1
10398428	---		4.79681E-08	-2.3925	Week 3 down vs Week 1
10339842	---		2.45461E-05	-2.39213	Week 3 down vs Week 1
10563955	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.00023845	-2.39184	Week 3 down vs Week 1
10379866	NM_007607 // Car4 // carbonic anhydrase 4 // 11 C // 12351 /// ENSMUST0000010319	Car4	7.7037E-10	-2.39172	Week 3 down vs Week 1
10344349	---		0.00131824	-2.39143	Week 3 down vs Week 1
10338770	---		0.000027978	-2.3911	Week 3 down vs Week 1
10338628	---		6.13441E-07	-2.39049	Week 3 down vs Week 1
10342178	---		2.58111E-07	-2.38776	Week 3 down vs Week 1
10488185	NM_009751 // Bfsp1 // beaded filament structural protein 1, in lens-CP94 // 2 G	Bfsp1	0.000957023	-2.387	Week 3 down vs Week 1
10357948	NM_001081307 // Ppp1r12b // protein phosphatase 1, regulatory (inhibitor) subuni	Ppp1r12b	3.11218E-08	-2.3869	Week 3 down vs Week 1
10597841	NM_029095 // Hhatl // hedgehog acyltransferase-like // 9 F4 // 74770 /// ENSMUST	Hhatl	4.61976E-06	-2.38584	Week 3 down vs Week 1
10341259	---		9.55055E-06	-2.38525	Week 3 down vs Week 1
10344222	---		0.000260411	-2.38411	Week 3 down vs Week 1
10368997	AK048022 // C130030K03Rik // RIKEN cDNA C130030K03 gene // --- // 320644	C130030K03Rik	5.49607E-08	-2.37951	Week 3 down vs Week 1
10339938	---		0.00112745	-2.37879	Week 3 down vs Week 1
10532594	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	4.42972E-05	-2.37785	Week 3 down vs Week 1
10343164	---		1.76318E-05	-2.37446	Week 3 down vs Week 1
10564203	---		0.000634315	-2.37415	Week 3 down vs Week 1
10518751	NM_009802 // Car6 // carbonic anhydrase 6 // 4 E2 // 12353 /// ENSMUST0000003081	Car6	0.00470059	-2.37402	Week 3 down vs Week 1
10563905	---		0.000573017	-2.3733	Week 3 down vs Week 1

10563907	---		0.000573017	-2.3733	Week 3 down vs Week 1
10564037	---		0.000188639	-2.37101	Week 3 down vs Week 1
10421100	NM_008691 // Nefm // neurofilament, medium polypeptide // 14 D1 // 18040 /// ENS	Nefm	1.94896E-05	-2.37032	Week 3 down vs Week 1
10563899	---		9.09105E-05	-2.3683	Week 3 down vs Week 1
10360349	NM_053199 // Cadm3 // cell adhesion molecule 3 // 1 H3 // 94332 /// ENSMUST00000	Cadm3	7.78458E-06	-2.36747	Week 3 down vs Week 1
10440206	NM_019665 // Arl6 // ADP-ribosylation factor-like 6 // 16 C1.2 // 56297 /// ENSM	Arl6	1.26466E-05	-2.36739	Week 3 down vs Week 1
10342961	---		0.00232383	-2.36652	Week 3 down vs Week 1
10339432	---		7.22934E-07	-2.36583	Week 3 down vs Week 1
10398432	---		9.30924E-08	-2.36572	Week 3 down vs Week 1
10341401	---		0.00029259	-2.36556	Week 3 down vs Week 1
10356403	NM_001110227 // Kcnj13 // potassium inwardly-rectifying channel, subfamily J, me	Kcnj13	0.00838801	-2.36423	Week 3 down vs Week 1
10338845	---		0.000127108	-2.36318	Week 3 down vs Week 1
10505614	NM_031202 // Tyrp1 // tyrosinase-related protein 1 // 4 C3|4 38.0 cM // 22178 //	Tyrp1	0.0137492	-2.36163	Week 3 down vs Week 1
10340126	---		0.000152973	-2.36149	Week 3 down vs Week 1
10531195	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	5.92132E-05	-2.36034	Week 3 down vs Week 1
10344510	---		1.06931E-05	-2.36014	Week 3 down vs Week 1
10375402	NM_009616 // Adam19 // a disintegrin and metallopeptidase domain 19 (meltrin bet	Adam19	3.49366E-08	-2.35794	Week 3 down vs Week 1
10428619	NM_015744 // Enpp2 // ectonucleotide pyrophosphatase/phosphodiesterase 2 // 15 D	Enpp2	0.00194634	-2.35731	Week 3 down vs Week 1
10340069	---		0.000747822	-2.35684	Week 3 down vs Week 1
10339587	---		0.000428906	-2.35626	Week 3 down vs Week 1
10366229	NM_001039354 // Lin7a // lin-7 homolog A (C. elegans) // 10 D1 // 108030 /// NM_	Lin7a	6.25515E-05	-2.35606	Week 3 down vs Week 1
10414168	NM_173418 // Lrit2 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit2	0.00223185	-2.35497	Week 3 down vs Week 1
10344039	---		0.000216568	-2.3534	Week 3 down vs Week 1
10340382	---		9.13496E-06	-2.34942	Week 3 down vs Week 1
10564027	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564077	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564079	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564085	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564087	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564091	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564093	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564095	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564097	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564099	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564101	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564103	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564105	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564107	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564113	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564115	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564119	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564121	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564123	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564125	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564127	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564129	---		0.000434594	-2.34856	Week 3 down vs Week 1
10564139	---		0.000434594	-2.34856	Week 3 down vs Week 1
10340549	---		6.04752E-05	-2.34674	Week 3 down vs Week 1
10339918	---		0.000739962	-2.345	Week 3 down vs Week 1
10340150	---		3.79545E-05	-2.34459	Week 3 down vs Week 1
10443459	NM_013663 // Sfrs3 // splicing factor, arginine/serine-rich 3 (SRp20) // 17 A3.3	Sfrs3	9.18167E-06	-2.34256	Week 3 down vs Week 1
10341613	---		5.01398E-05	-2.34098	Week 3 down vs Week 1
10341404	---		4.31083E-05	-2.34092	Week 3 down vs Week 1
10368675	NM_008538 // Marcks // myristoylated alanine rich protein kinase C substrate //	Marcks	5.93124E-09	-2.34058	Week 3 down vs Week 1
10344139	---		1.04033E-06	-2.3402	Week 3 down vs Week 1
10344600	---		5.26869E-06	-2.3394	Week 3 down vs Week 1
10585976	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	0.000011898	-2.3392	Week 3 down vs Week 1
10406941	NM_144838 // Sgtb // small glutamine-rich tetratricopeptide repeat (TPR)-contain	Sgtb	3.79488E-05	-2.339	Week 3 down vs Week 1
10340385	---		0.000882288	-2.33831	Week 3 down vs Week 1
10571399	NM_178395 // Zdhhc2 // zinc finger, DHHC domain containing 2 // 8 A4 // 70546 //	Zdhhc2	0.00003388	-2.33711	Week 3 down vs Week 1
10458843	NM_018744 // Sema6a // sema domain, transmembrane domain (TM), and cytoplasmic d	Sema6a	5.04328E-07	-2.33698	Week 3 down vs Week 1
10513957	NM_011211 // Ptprd // protein tyrosine phosphatase, receptor type, D // 4 C3|4 3	Ptprd	1.80821E-06	-2.33551	Week 3 down vs Week 1
10341481	---		6.37724E-06	-2.33539	Week 3 down vs Week 1
10344412	---		3.83279E-06	-2.33513	Week 3 down vs Week 1
10341472	---		0.000263403	-2.3344	Week 3 down vs Week 1

10338693	---		0.000749419	-2.3344	Week 3 down vs Week 1
10342824	---		0.000011193	-2.33335	Week 3 down vs Week 1
10458293	NM_029669 // Dnajc18 // DnaJ (Hsp40) homolog, subfamily C, member 18 // 18 B3 //	Dnajc18	7.09053E-09	-2.33333	Week 3 down vs Week 1
10422249	NM_010024 // Dct // dopachrome tautomerase // 14 E4|14 58.0 cM // 13190 /// ENSM	Dct	0.00672686	-2.33304	Week 3 down vs Week 1
10340430	---		0.00625815	-2.33262	Week 3 down vs Week 1
10342302	---		3.30511E-09	-2.33234	Week 3 down vs Week 1
10342707	---		0.000369706	-2.33092	Week 3 down vs Week 1
10431697	NM_011994 // Abcd2 // ATP-binding cassette, sub-family D (ALD), member 2 // 15 E	Abcd2	8.01184E-09	-2.33032	Week 3 down vs Week 1
10413726	NM_009393 // Tnnc1 // troponin C, cardiac/slow skeletal // 14 B|14 10.0 cM // 21	Tnnc1	0.0234864	-2.32934	Week 3 down vs Week 1
10380289	NM_026178 // Mmd // monocyte to macrophage differentiation-associated // 11 C //	Mmd	3.29575E-06	-2.3288	Week 3 down vs Week 1
10563911	---		0.000809395	-2.32803	Week 3 down vs Week 1
10531203	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	2.91477E-06	-2.32697	Week 3 down vs Week 1
10342651	---		6.4122E-06	-2.32659	Week 3 down vs Week 1
10338348	---		7.7937E-08	-2.32608	Week 3 down vs Week 1
10596583	NM_153413 // Dock3 // dedicator of cyto-kinesis 3 // 9 F1 // 208869 /// ENSMUST0	Dock3	4.52082E-07	-2.32534	Week 3 down vs Week 1
10338948	---		0.000164481	-2.32459	Week 3 down vs Week 1
10338895	---		3.703E-12	-2.32449	Week 3 down vs Week 1
10365408	NM_183172 // Ric8b // resistance to inhibitors of cholinesterase 8 homolog B (C.	Ric8b	7.52348E-07	-2.32449	Week 3 down vs Week 1
10522976	NM_027530 // Rufy3 // RUN and FYVE domain containing 3 // 5 E1|5 48.0 cM // 5282	Rufy3	1.14527E-05	-2.32143	Week 3 down vs Week 1
10455071	NM_053132 // Pcdhb7 // protocadherin beta 7 // 18 B3 // 93878 /// ENSMUST0000005	Pcdhb7	1.19954E-06	-2.32088	Week 3 down vs Week 1
10358561	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000435601	-2.3196	Week 3 down vs Week 1
10413991	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.00293403	-2.31923	Week 3 down vs Week 1
10342638	---		8.74246E-05	-2.31919	Week 3 down vs Week 1
10340943	---		0.000877715	-2.31789	Week 3 down vs Week 1
10428515	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	0.000180979	-2.31701	Week 3 down vs Week 1
10563931	---		9.39421E-05	-2.31701	Week 3 down vs Week 1
10339395	---		0.000078513	-2.31697	Week 3 down vs Week 1
10344040	---		9.0664E-07	-2.31512	Week 3 down vs Week 1
10341691	---		0.000195683	-2.31224	Week 3 down vs Week 1
10591161	ENSMUST00000034647 // Zfp558 // zinc finger protein 558 // 9 A3 // 72230	Zfp558	5.43457E-08	-2.30904	Week 3 down vs Week 1
10414269	NM_009760 // Bnip3 // BCL2/adenovirus E1B interacting protein 3 // 7 F5 // 12176	Bnip3	1.0757E-08	-2.30841	Week 3 down vs Week 1
10340482	---		0.000371733	-2.30786	Week 3 down vs Week 1
10539710	NM_011585 // Tia1 // cytotoxic granule-associated RNA binding protein 1 // 6 D2	Tia1	6.29504E-10	-2.3056	Week 3 down vs Week 1
10503194	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.24071E-05	-2.30526	Week 3 down vs Week 1
10358389	NM_009061 // Rgs2 // regulator of G-protein signaling 2 // 1 F|1 78.0 cM // 1973	Rgs2	1.09979E-07	-2.30466	Week 3 down vs Week 1
10563915	---		0.000197891	-2.3038	Week 3 down vs Week 1
10563929	---		0.000197891	-2.3038	Week 3 down vs Week 1
10355084	NM_001160038 // Ndufs1 // NADH dehydrogenase (ubiquinone) Fe-S protein 1 // 1 C2	Ndufs1	9.08146E-09	-2.30086	Week 3 down vs Week 1
10343463	---		5.5061E-06	-2.30025	Week 3 down vs Week 1
10357954	NM_001081307 // Ppp1r12b // protein phosphatase 1, regulatory (inhibitor) subuni	Ppp1r12b	1.73055E-07	-2.2989	Week 3 down vs Week 1
10342990	---		0.00019402	-2.29826	Week 3 down vs Week 1
10339631	---		6.65933E-05	-2.2975	Week 3 down vs Week 1
10343549	---		0.000481974	-2.29703	Week 3 down vs Week 1
10339367	---		6.45716E-06	-2.29683	Week 3 down vs Week 1
10605820	NM_001003916 // Zc4h2 // zinc finger, C4H2 domain containing // X C3 // 245522 /	Zc4h2	1.50861E-09	-2.29652	Week 3 down vs Week 1
10344155	---		1.08906E-05	-2.29455	Week 3 down vs Week 1
10563989	---		0.000273025	-2.29369	Week 3 down vs Week 1
10342285	---		0.000317565	-2.29211	Week 3 down vs Week 1
10341912	---		7.3129E-06	-2.2914	Week 3 down vs Week 1
10453231	NM_011406 // Slc8a1 // solute carrier family 8 (sodium/calcium exchanger), membe	Slc8a1	9.57869E-07	-2.29088	Week 3 down vs Week 1
10594490	NM_144813 // Slc24a1 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a1	0.000594279	-2.2899	Week 3 down vs Week 1
10340236	---		6.01575E-05	-2.28863	Week 3 down vs Week 1
10339911	---		6.08839E-08	-2.2878	Week 3 down vs Week 1
10454856	NM_028707 // Psd2 // pleckstrin and Sec7 domain containing 2 // 18 B2 // 74002 /	Psd2	2.67826E-05	-2.28764	Week 3 down vs Week 1
10607189	NM_153319 // Amot // angiomotin // X F2 // 27494 /// ENSMUST00000039988 // Amot	Amot	2.95752E-06	-2.28695	Week 3 down vs Week 1
10338542	---		5.48295E-06	-2.2867	Week 3 down vs Week 1
10340223	---		1.7338E-06	-2.28646	Week 3 down vs Week 1
10369567	NM_145419 // Hkdc1 // hexokinase domain containing 1 // 10 B4 // 216019 /// ENSM	Hkdc1	3.27374E-09	-2.28643	Week 3 down vs Week 1
10388042	NM_134022 // 6330403K07Rik // RIKEN cDNA 6330403K07 gene // 11 B4 // 103712 ///	6330403K07Rik	2.88139E-07	-2.28615	Week 3 down vs Week 1
10341001	---		6.37973E-05	-2.28606	Week 3 down vs Week 1
10579049	AK129029 // Gm10033 // predicted gene 10033 // 8 B3.3|8 // 378466	Gm10033	7.22412E-09	-2.28551	Week 3 down vs Week 1
10473244	NM_175513 // Zfp804a // zinc finger protein 804A // 2 D // 241514 /// ENSMUST000	Zfp804a	1.09679E-05	-2.28541	Week 3 down vs Week 1
10564069	---		0.00070366	-2.28414	Week 3 down vs Week 1
10564073	---		0.00070366	-2.28414	Week 3 down vs Week 1
10343457	---		1.58141E-06	-2.28395	Week 3 down vs Week 1

10438813	---		2.75686E-06	-2.28384	Week 3 down vs Week 1
10563993	---		0.000701239	-2.28319	Week 3 down vs Week 1
10564021	---		0.000701239	-2.28319	Week 3 down vs Week 1
10564025	---		0.000701239	-2.28319	Week 3 down vs Week 1
10565612	BC026557 // 1810020D17Rik // RIKEN cDNA 1810020D17 gene // 7 E2 // 66273 /// BC0	1810020D17Rik	7.49117E-09	-2.28289	Week 3 down vs Week 1
10344145	---		0.000021262	-2.28278	Week 3 down vs Week 1
10606868	NM_009052 // Bex1 // brain expressed gene 1 // X F1|X 57.5 cM // 19716 /// ENSMU	Bex1	5.46823E-06	-2.28247	Week 3 down vs Week 1
10578649	NM_011857 // Odz3 // odd Oz/ten-m homolog 3 (Drosophila) // 8 B2 // 23965 /// NM	Odz3	1.16962E-05	-2.28233	Week 3 down vs Week 1
10338902	---		0.000339976	-2.28078	Week 3 down vs Week 1
10341190	---		2.05643E-05	-2.28022	Week 3 down vs Week 1
10338384	---		0.0136767	-2.28	Week 3 down vs Week 1
10341586	---		0.000642635	-2.2775	Week 3 down vs Week 1
10417887	BC119816 // Zmynd17 // zinc finger, MYND domain containing 17 // 14 B // 74843 /	Zmynd17	6.639E-12	-2.27741	Week 3 down vs Week 1
10338960	---		1.67886E-05	-2.2765	Week 3 down vs Week 1
10357345	NM_172484 // E030049G20Rik // RIKEN cDNA E030049G20 gene // 1 E3 // 210356 /// N	E030049G20Rik	1.63208E-09	-2.27618	Week 3 down vs Week 1
10495869	NM_146140 // Tram1l1 // translocation associated membrane protein 1-like 1 // 3	Tram1l1	2.32153E-06	-2.27586	Week 3 down vs Week 1
10340331	---		1.37192E-07	-2.27468	Week 3 down vs Week 1
10587107	NM_010864 // Myo5a // myosin VA // 9 D|9 42.0 cM // 17918 /// ENSMUST00000036772	Myo5a	0.00111703	-2.27089	Week 3 down vs Week 1
10342937	---		0.00126039	-2.27073	Week 3 down vs Week 1
10347188	BC094541 // A830006F12Rik // RIKEN cDNA A830006F12 gene // 1 C3 // 320460 /// NM	A830006F12Rik	2.71633E-05	-2.27062	Week 3 down vs Week 1
10343195	---		9.22129E-08	-2.26959	Week 3 down vs Week 1
10591123	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	7.38236E-05	-2.26947	Week 3 down vs Week 1
10342542	---		0.00215876	-2.26839	Week 3 down vs Week 1
10338990	---		0.000944241	-2.26661	Week 3 down vs Week 1
10409061	---		2.70162E-08	-2.26355	Week 3 down vs Week 1
10340707	---		0.000017247	-2.26082	Week 3 down vs Week 1
10343695	---		2.31675E-05	-2.26054	Week 3 down vs Week 1
10338367	---		6.47802E-06	-2.2595	Week 3 down vs Week 1
10344024	---		3.39906E-06	-2.25922	Week 3 down vs Week 1
10342452	---		1.78101E-05	-2.25722	Week 3 down vs Week 1
10527158	NM_007984 // Fscn1 // fascin homolog 1, actin bundling protein (Strongylocentrot	Fscn1	6.89991E-07	-2.25544	Week 3 down vs Week 1
10532628	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376	Myo18b	4.04646E-05	-2.25457	Week 3 down vs Week 1
10575693	NM_173016 // Vat1l // vesicle amine transport protein 1 homolog-like (T. califor	Vat1l	0.000120632	-2.25444	Week 3 down vs Week 1
10549877	---		8.94334E-07	-2.25361	Week 3 down vs Week 1
10342934	---		0.00015277	-2.25328	Week 3 down vs Week 1
10368268	---		1.94282E-08	-2.25296	Week 3 down vs Week 1
10494174	NM_011351 // Sema6c // sema domain, transmembrane domain (TM), and cytoplasmic d	Sema6c	1.36158E-05	-2.25286	Week 3 down vs Week 1
10521759	NM_178804 // Slit2 // slit homolog 2 (Drosophila) // 5 B3 // 20563 /// ENSMUST00	Slit2	1.01172E-05	-2.25232	Week 3 down vs Week 1
10554863	NM_001040085 // Sytl2 // synaptotagmin-like 2 // 7 E1 // 83671 /// NM_031394 //	Sytl2	0.000572328	-2.25184	Week 3 down vs Week 1
10554487	NM_054085 // Alpk3 // alpha-kinase 3 // 7 D3 // 116904 /// ENSMUST00000107348 //	Alpk3	0.000388911	-2.25094	Week 3 down vs Week 1
10384811	NM_025740 // Ccdc104 // coiled-coil domain containing 104 // 11 A4 // 216618 ///	Ccdc104	6.92619E-09	-2.24843	Week 3 down vs Week 1
10395553	NM_176930 // Nrcam // neuron-glia-CAM-related cell adhesion molecule // 12 B3 //	Nrcam	3.40573E-06	-2.2476	Week 3 down vs Week 1
10339564	---		3.26959E-05	-2.24678	Week 3 down vs Week 1
10358648	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	8.83465E-05	-2.24645	Week 3 down vs Week 1
10341595	---		2.51046E-09	-2.24621	Week 3 down vs Week 1
10341764	---		0.00602339	-2.2457	Week 3 down vs Week 1
10344217	---		1.61844E-06	-2.24008	Week 3 down vs Week 1
10540509	NM_177328 // Grm7 // glutamate receptor, metabotropic 7 // 6 E3 // 108073 /// EN	Grm7	4.81596E-07	-2.23996	Week 3 down vs Week 1
10343446	---		1.87397E-05	-2.23993	Week 3 down vs Week 1
10338182	---		1.13332E-05	-2.23791	Week 3 down vs Week 1
10583847	NM_178415 // Bbs9 // Bardet-Biedl syndrome 9 (human) // 9 A3 // 319845 /// NM_18	Bbs9	0.000207851	-2.23756	Week 3 down vs Week 1
10596200	NM_178638 // Tmem108 // transmembrane protein 108 // 9 F1 // 81907 /// ENSMUST00	Tmem108	1.98518E-06	-2.23669	Week 3 down vs Week 1
10341086	---		9.72218E-06	-2.23658	Week 3 down vs Week 1
10457942	NM_009308 // Syt4 // synaptotagmin IV // 18 B1|18 10.0 cM // 20983 /// ENSMUST00	Syt4	9.13766E-05	-2.23646	Week 3 down vs Week 1
10445428	---		1.85247E-05	-2.23638	Week 3 down vs Week 1
10339776	---		5.45054E-06	-2.23549	Week 3 down vs Week 1
10342580	---		7.32928E-05	-2.23402	Week 3 down vs Week 1
10343954	---		0.000694187	-2.23375	Week 3 down vs Week 1
10580990	NM_001039154 // Cdh8 // cadherin 8 // 8 D1|8 46.5 cM // 12564 /// NM_007667 // C	Cdh8	0.000018664	-2.23338	Week 3 down vs Week 1
10601569	NM_001081385 // Pcdh11x // protocadherin 11 X-linked // X E2 // 245578 /// ENSMU	Pcdh11x	2.66526E-08	-2.2332	Week 3 down vs Week 1
10341479	---		0.0118676	-2.2317	Week 3 down vs Week 1
10369702	NM_027384 // Tet1 // tet oncogene 1 // 10 B4|10 32.0 cM // 52463 /// ENSMUST0000	Tet1	2.19429E-08	-2.23099	Week 3 down vs Week 1
10538206	NM_175098 // Ccdc126 // coiled-coil domain containing 126 // 6 B2.3 // 57895 ///	Ccdc126	0.000216916	-2.23097	Week 3 down vs Week 1
10501963	NM_011674 // Ugt8a // UDP galactosyltransferase 8A // 3 E3-F1 // 22239 /// ENSMU	Ugt8a	0.00467047	-2.23052	Week 3 down vs Week 1
10343144	---		2.40852E-08	-2.23011	Week 3 down vs Week 1

10340895	---		3.55415E-06	-2.22824	Week 3 down vs Week 1
10596072	NM_001161362 // Ppp2r3a // protein phosphatase 2, regulatory subunit B'', alpha	Ppp2r3a	3.06341E-07	-2.2234	Week 3 down vs Week 1
10341905	---		8.50601E-05	-2.22263	Week 3 down vs Week 1
10342879	---		3.56251E-06	-2.22203	Week 3 down vs Week 1
10499132	NM_011839 // Mab21l2 // mab-21-like 2 (C. elegans) // 3 F1 // 23937 /// ENSMUST0	Mab21l2	0.000552686	-2.22136	Week 3 down vs Week 1
10501778	NM_019550 // Ptbp2 // polypyrimidine tract binding protein 2 // 3 G1 // 56195 //	Ptbp2	1.79334E-07	-2.2206	Week 3 down vs Week 1
10339345	---		0.000152401	-2.22033	Week 3 down vs Week 1
10341367	---		1.67794E-07	-2.21908	Week 3 down vs Week 1
10433403	NM_021477 // A2bp1 // ataxin 2 binding protein 1 // 16 A1|16 7.2 cM // 268859 //	A2bp1	2.02537E-08	-2.21902	Week 3 down vs Week 1
10343314	---		5.62969E-06	-2.21898	Week 3 down vs Week 1
10558295	ENSMUST00000106157 // Zranb1 // zinc finger, RAN-binding domain containing 1 //	Zranb1	4.45494E-07	-2.21784	Week 3 down vs Week 1
10343616	---		2.24141E-05	-2.21749	Week 3 down vs Week 1
10593947	NM_146223 // Cplx3 // complexin 3 // 9 B // 235415 /// ENSMUST00000045068 // Cpl	Cplx3	0.00133579	-2.21673	Week 3 down vs Week 1
10521498	NM_007765 // Crmp1 // collapsin response mediator protein 1 // 5 B3|5 21.0 cM //	Crmp1	0.000447589	-2.21634	Week 3 down vs Week 1
10497505	NM_138666 // Nlgn1 // neuroligin 1 // 3 A3 // 192167 /// ENSMUST00000075054 // N	Nlgn1	2.74817E-05	-2.21633	Week 3 down vs Week 1
10508436	NM_023485 // Sync // syncoilin // 4 D2.2|4 60.0 cM // 68828 /// ENSMUST000001025	Sync	6.10733E-06	-2.21573	Week 3 down vs Week 1
10339567	---		0.000265394	-2.21456	Week 3 down vs Week 1
10458663	NM_009468 // Dpysl3 // dihydropyrimidinase-like 3 // 18 B3 // 22240 /// NM_00113	Dpysl3	2.37727E-05	-2.21453	Week 3 down vs Week 1
10400030	NM_025840 // Bzw2 // basic leucine zipper and W2 domains 2 // 12 B2 // 66912 ///	Bzw2	1.288E-12	-2.21438	Week 3 down vs Week 1
10339531	---		2.03883E-06	-2.21437	Week 3 down vs Week 1
10433008	NM_009582 // Map3k12 // mitogen-activated protein kinase kinase kinase 12 // 15	Map3k12	4.26265E-10	-2.2134	Week 3 down vs Week 1
10530371	NM_023784 // Yipf7 // Yip1 domain family, member 7 // 5 D // 75581 /// ENSMUST00	Yipf7	6.67528E-05	-2.21289	Week 3 down vs Week 1
10435641	NM_008047 // Fstl1 // follistatin-like 1 // 16 B3|16 27.3 cM // 14314 /// ENSMUS	Fstl1	0.00114207	-2.21273	Week 3 down vs Week 1
10362372	NM_001162537 // 9330159F19Rik // RIKEN cDNA 9330159F19 gene // 10 A4 // 212448 /	9330159F19Rik	3.20874E-05	-2.21229	Week 3 down vs Week 1
10343102	---		3.57093E-07	-2.21179	Week 3 down vs Week 1
10350337	ENSMUST00000054333 // A130050O07Rik // RIKEN cDNA A130050O07 gene // 1 E4 // 320	A130050O07Ril	4.45262E-08	-2.21159	Week 3 down vs Week 1
10563770	NM_013808 // Csrp3 // cysteine and glycine-rich protein 3 // 7 B4 // 13009 /// E	Csrp3	0.000549505	-2.21055	Week 3 down vs Week 1
10342188	---		0.000968817	-2.21034	Week 3 down vs Week 1
10342602	---		3.13804E-05	-2.20878	Week 3 down vs Week 1
10360418	NM_011880 // Rgs7 // regulator of G protein signaling 7 // 1 H3-H4|1 99.3 cM //	Rgs7	6.14461E-05	-2.20843	Week 3 down vs Week 1
10503866	NM_008075 // Gabrr1 // gamma-aminobutyric acid (GABA) C receptor, subunit rho 1	Gabrr1	0.00654444	-2.2074	Week 3 down vs Week 1
10524082	ENSMUST00000112540 // 2310001H12Rik // RIKEN cDNA 2310001H12 gene // 5 F // 6950	2310001H12Rik	9.41731E-07	-2.20646	Week 3 down vs Week 1
10338792	---		7.15979E-07	-2.20623	Week 3 down vs Week 1
10343898	---		4.99625E-08	-2.20594	Week 3 down vs Week 1
10340521	---		5.55854E-07	-2.20542	Week 3 down vs Week 1
10408838	NM_019423 // Elovl2 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl2	0.000598582	-2.20537	Week 3 down vs Week 1
10454254	NM_207650 // Dtna // dystrobrevin alpha // 18 A2|18 18.0 cM // 13527 /// NM_0100	Dtna	1.99303E-07	-2.20521	Week 3 down vs Week 1
10385297	NM_010250 // Gabra1 // gamma-aminobutyric acid (GABA) A receptor, subunit alpha	Gabra1	0.00450928	-2.20488	Week 3 down vs Week 1
10472370	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	3.61234E-05	-2.20443	Week 3 down vs Week 1
10440621	NM_146072 // Grik1 // glutamate receptor, ionotropic, kainate 1 // 16 C3.3|16 58	Grik1	9.12697E-05	-2.20274	Week 3 down vs Week 1
10551791	BC055817 // Zfp420 // zinc finger protein 420 // 7 B1 // 233058 /// ENSMUST00000	Zfp420	8.96422E-09	-2.20148	Week 3 down vs Week 1
10343416	---		7.0547E-06	-2.20147	Week 3 down vs Week 1
10548118	NM_201371 // Prmt8 // protein arginine N-methyltransferase 8 // 6 F3 // 381813 /	Prmt8	8.32695E-05	-2.20082	Week 3 down vs Week 1
10592471	NM_172768 // Gramd1b // GRAM domain containing 1B // 9 B // 235283 /// ENSMUST00	Gramd1b	1.30306E-05	-2.19948	Week 3 down vs Week 1
10398372	---		4.11064E-07	-2.19947	Week 3 down vs Week 1
10398376	---		4.11064E-07	-2.19947	Week 3 down vs Week 1
10367379	NM_021882 // Si // silver // 10 D3|10 70.0 cM // 20431 /// ENSMUST00000054125 //	Si	0.0183963	-2.19882	Week 3 down vs Week 1
10365559	NM_010512 // Igf1 // insulin-like growth factor 1 // 10 C1|10 48.0 cM // 16000 /	Igf1	0.000182362	-2.19786	Week 3 down vs Week 1
10574985	NM_178798 // Slc7a6 // solute carrier family 7 (cationic amino acid transporter,	Slc7a6	3.44957E-09	-2.19769	Week 3 down vs Week 1
10503206	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.05692E-06	-2.19681	Week 3 down vs Week 1
10342340	---		9.06983E-05	-2.19639	Week 3 down vs Week 1
10343899	---		0.00210958	-2.19438	Week 3 down vs Week 1
10341272	---		8.36536E-06	-2.19248	Week 3 down vs Week 1
10342255	---		0.00079334	-2.19242	Week 3 down vs Week 1
10344103	---		7.7311E-08	-2.19239	Week 3 down vs Week 1
10338900	---		0.00185476	-2.19186	Week 3 down vs Week 1
10596051	NM_001101483 // Tmem22 // transmembrane protein 22 // 9 E3.3-E4 // 245020 /// EN	Tmem22	5.78195E-06	-2.19167	Week 3 down vs Week 1
10398384	---		3.44119E-07	-2.19156	Week 3 down vs Week 1
10563897	---		0.000535985	-2.19109	Week 3 down vs Week 1
10489759	NM_028072 // Sulf2 // sulfatase 2 // 2 H3 // 72043 /// ENSMUST00000109249 // Sul	Sulf2	2.14045E-08	-2.19056	Week 3 down vs Week 1
10341886	---		7.40733E-05	-2.19002	Week 3 down vs Week 1
10340422	---		0.000393502	-2.1894	Week 3 down vs Week 1
10463737	AK144917 // Ina // internexin neuronal intermediate filament protein, alpha // 1	Ina	0.000308361	-2.18908	Week 3 down vs Week 1
10585988	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	3.0308E-11	-2.18907	Week 3 down vs Week 1
10586250	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	1.20232E-07	-2.18873	Week 3 down vs Week 1

10367173	NM_008600 // Mip // major intrinsic protein of eye lens fiber // 10 D1|10 74.0 c	Mip	0.00275429	-2.1843	Week 3 down vs Week 1
10591773	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	2.3761E-08	-2.18419	Week 3 down vs Week 1
10341337	---		0.00287343	-2.18413	Week 3 down vs Week 1
10396125	NM_178628 // Atl1 // atlastin GTPase 1 // 12 C2 // 73991 /// ENSMUST00000021466	Atl1	9.27949E-10	-2.18395	Week 3 down vs Week 1
10343620	---		7.25487E-05	-2.18318	Week 3 down vs Week 1
10563919	---		2.01761E-05	-2.18277	Week 3 down vs Week 1
10528031	---		2.87866E-05	-2.18195	Week 3 down vs Week 1
10398414	---		3.41441E-08	-2.18084	Week 3 down vs Week 1
10338670	---		0.000115856	-2.18069	Week 3 down vs Week 1
10339096	---		6.56595E-05	-2.17935	Week 3 down vs Week 1
10456501	NM_026440 // Rnmt // RNA (guanine-7-) methyltransferase // 18 E1 // 67897 /// EN	Rnmt	2.01709E-08	-2.17919	Week 3 down vs Week 1
10529979	NR_027710 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	2.63695E-06	-2.17689	Week 3 down vs Week 1
10472364	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	3.76564E-08	-2.17688	Week 3 down vs Week 1
10339644	---		2.91275E-06	-2.17529	Week 3 down vs Week 1
10342062	---		2.51789E-05	-2.17331	Week 3 down vs Week 1
10552857	NM_182993 // Slc17a7 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a7	0.0181183	-2.17211	Week 3 down vs Week 1
10486403	NM_177845 // Pla2g4e // phospholipase A2, group IVE // 2 E5 // 329502 /// ENSMUS	Pla2g4e	7.03226E-06	-2.17153	Week 3 down vs Week 1
10521757	---		8.7347E-07	-2.17147	Week 3 down vs Week 1
10339000	---		6.25584E-09	-2.17053	Week 3 down vs Week 1
10532313	AB010352 // AB010352 // cDNA sequence AB010352 // 5 F|5 // 545793 /// AB010352 /	AB010352	1.01891E-07	-2.16975	Week 3 down vs Week 1
10468275	NM_027654 // Pcgf6 // polycomb group ring finger 6 // 19 C3 // 71041 /// ENSMUST	Pcgf6	4.98809E-09	-2.16949	Week 3 down vs Week 1
10577980	NM_021369 // Chrna6 // cholinergic receptor, nicotinic, alpha polypeptide 6 // 8	Chrna6	0.000199152	-2.1694	Week 3 down vs Week 1
10520043	NM_029990 // Lhfpl3 // lipoma HMGIC fusion partner-like 3 // 5 A3 // 269629 ///	Lhfpl3	7.92095E-05	-2.16769	Week 3 down vs Week 1
10420013	NM_008736 // Nrl // neural retina leucine zipper gene // 14 C3|14 19.5 cM // 181	Nrl	0.00312163	-2.1672	Week 3 down vs Week 1
10340749	---		0.000092122	-2.16659	Week 3 down vs Week 1
10568369	NM_009943 // Cox6a2 // cytochrome c oxidase, subunit VI a, polypeptide 2 // 7 F3	Cox6a2	0.000916909	-2.16647	Week 3 down vs Week 1
10365991	NM_007884 // Epyc // epiphycan // 10 C2-C3|10 55.0 cM // 13516 /// ENSMUST000000	Epyc	0.00148591	-2.16542	Week 3 down vs Week 1
10602692	NM_001004154 // Rragb // Ras-related GTP binding B // X F3 // 245670 /// BC06918	Rragb	0.00026918	-2.16468	Week 3 down vs Week 1
10342948	---		0.00189879	-2.16397	Week 3 down vs Week 1
10503198	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	0.00122947	-2.1639	Week 3 down vs Week 1
10341676	---		3.23872E-06	-2.16273	Week 3 down vs Week 1
10339690	---		0.00084735	-2.16117	Week 3 down vs Week 1
10342242	---		0.000366505	-2.16046	Week 3 down vs Week 1
10358615	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	9.47045E-05	-2.16033	Week 3 down vs Week 1
10585974	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	9.4973E-08	-2.16026	Week 3 down vs Week 1
10338970	---		0.000179235	-2.16025	Week 3 down vs Week 1
10340220	---		6.02972E-05	-2.15992	Week 3 down vs Week 1
10344223	---		1.26018E-06	-2.1598	Week 3 down vs Week 1
10413999	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.00602541	-2.15812	Week 3 down vs Week 1
10339078	---		1.65377E-05	-2.15796	Week 3 down vs Week 1
10343717	---		0.000413019	-2.15788	Week 3 down vs Week 1
10341419	---		6.60079E-05	-2.15716	Week 3 down vs Week 1
10440091	NM_007739 // Col8a1 // collagen, type VIII, alpha 1 // 16 C1.1 // 12837 /// ENSM	Col8a1	0.00075921	-2.15648	Week 3 down vs Week 1
10344569	---		0.000542621	-2.15564	Week 3 down vs Week 1
10451547	XM_001480078 // Gm16494 // predicted gene 16494 // 17 C|17 // 100043385	Gm16494	2.57662E-06	-2.15486	Week 3 down vs Week 1
10564137	---		0.000986659	-2.15482	Week 3 down vs Week 1
10456096	NM_146086 // Pde6a // phosphodiesterase 6A, cGMP-specific, rod, alpha // 18 E1 /	Pde6a	0.0211643	-2.15463	Week 3 down vs Week 1
10341679	---		5.83951E-05	-2.15371	Week 3 down vs Week 1
10385361	NM_024475 // Ublcp1 // ubiquitin-like domain containing CTD phosphatase 1 // 11	Ublcp1	2.73955E-06	-2.15312	Week 3 down vs Week 1
10367772	NM_177271 // Samd5 // sterile alpha motif domain containing 5 // 10 A1 // 320825	Samd5	5.08043E-09	-2.15269	Week 3 down vs Week 1
10341660	---		0.00383701	-2.15257	Week 3 down vs Week 1
10597323	NM_033264 // Arpp21 // cyclic AMP-regulated phosphoprotein, 21 // 9 F3 // 74100	Arpp21	7.25159E-06	-2.15231	Week 3 down vs Week 1
10540533	NM_007617 // Cav3 // caveolin 3 // 6 E1|6 48.3 cM // 12391 /// ENSMUST0000007547	Cav3	3.98088E-06	-2.15139	Week 3 down vs Week 1
10564053	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000879781	-2.15057	Week 3 down vs Week 1
10564055	---		0.000879781	-2.15057	Week 3 down vs Week 1
10398368	---		6.47013E-10	-2.15042	Week 3 down vs Week 1
10503218	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	9.79819E-05	-2.14911	Week 3 down vs Week 1
10338838	---		7.27224E-05	-2.14888	Week 3 down vs Week 1
10344549	---		2.68866E-06	-2.14886	Week 3 down vs Week 1
10339396	---		0.000254324	-2.14713	Week 3 down vs Week 1
10591706	NM_010487 // Elavl3 // ELAV (embryonic lethal, abnormal vision, Drosophila)-like	Elavl3	7.15203E-05	-2.14466	Week 3 down vs Week 1
10342048	---		2.4714E-06	-2.14393	Week 3 down vs Week 1
10549842	NM_001024928 // Zfp667 // zinc finger protein 667 // 7 A1 // 384763 /// ENSMUST0	Zfp667	2.59283E-09	-2.14272	Week 3 down vs Week 1
10365983	NM_008524 // Lum // lumican // 10 C3|10 61.0 cM // 17022 /// ENSMUST00000038160	Lum	0.00182183	-2.14267	Week 3 down vs Week 1
10389759	NM_001080933 // Ankfn1 // ankyrin-repeat and fibronectin type III domain contain	Ankfn1	0.000100961	-2.14229	Week 3 down vs Week 1

10366554	NM_148922 // Mdm1 // transformed mouse 3T3 cell double minute 1 // 10 C1-C3|10 6	Mdm1	0.000640685	-2.14136	Week 3 down vs Week 1
10462281	NM_013703 // Vldlr // very low density lipoprotein receptor // 19 C1|19 20.0 cM	Vldlr	8.74677E-06	-2.1411	Week 3 down vs Week 1
10338386	---		4.77085E-06	-2.14008	Week 3 down vs Week 1
10478949	NM_029761 // Dok5 // docking protein 5 // 2 H3|2 99.0 cM // 76829 /// ENSMUST000	Dok5	8.05631E-09	-2.14004	Week 3 down vs Week 1
10340263	---		4.62108E-07	-2.1397	Week 3 down vs Week 1
10389795	NM_011505 // Stxbp4 // syntaxin binding protein 4 // 11 C // 20913 /// ENSMUST00	Stxbp4	1.03193E-05	-2.13968	Week 3 down vs Week 1
10384064	NM_007595 // Camk2b // calcium/calmodulin-dependent protein kinase II, beta // 1	Camk2b	3.86049E-07	-2.13873	Week 3 down vs Week 1
10463263	NM_033322 // Lztfl1 // leucine zipper transcription factor-like 1 // 9 F|9 71.1	Lztfl1	0.000003037	-2.13872	Week 3 down vs Week 1
10579659	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	3.84264E-08	-2.13865	Week 3 down vs Week 1
10389797	NM_011505 // Stxbp4 // syntaxin binding protein 4 // 11 C // 20913 /// ENSMUST00	Stxbp4	1.89345E-08	-2.13801	Week 3 down vs Week 1
10598359	NM_009305 // Syp // synaptophysin // X A-D|X 1.5 cM // 20977 /// ENSMUST00000069	Syp	0.0158786	-2.13752	Week 3 down vs Week 1
10343723	---		0.0016862	-2.13734	Week 3 down vs Week 1
10338183	---		0.0027514	-2.13701	Week 3 down vs Week 1
10339026	---		0.0015101	-2.13669	Week 3 down vs Week 1
10523746	NR_024083 // BC005561 // HO complex 2 pseudogene // 5 E5 // 100042165	BC005561	4.5243E-08	-2.13651	Week 3 down vs Week 1
10429203	BC119174 // Fam135b // family with sequence similarity 135, member B // 15 D3 //	Fam135b	0.000020524	-2.13492	Week 3 down vs Week 1
10340470	---		5.1402E-06	-2.13476	Week 3 down vs Week 1
10557498	NM_026884 // Fam57b // family with sequence similarity 57, member B // 7 F4 // 6	Fam57b	0.00554717	-2.13414	Week 3 down vs Week 1
10400803	---		1.46108E-06	-2.13401	Week 3 down vs Week 1
10388884	NM_008702 // Nlk // nemo like kinase // 11 B5 // 18099 /// BC058652 // Nlk // ne	Nlk	3.40331E-05	-2.1333	Week 3 down vs Week 1
10581654	NM_007586 // Calb2 // calbindin 2 // 8 E1 // 12308 /// ENSMUST00000003754 // Cal	Calb2	0.0165979	-2.13326	Week 3 down vs Week 1
10341361	---		0.000404546	-2.13193	Week 3 down vs Week 1
10339470	---		2.00677E-06	-2.13191	Week 3 down vs Week 1
10338198	---		0.0034076	-2.13156	Week 3 down vs Week 1
10440562	NM_001081068 // Rnf160 // ring finger protein 160 // 16 C3.3 // 78913 /// ENSMUS	Rnf160	5.74285E-07	-2.13142	Week 3 down vs Week 1
10350339	---		7.08941E-05	-2.13071	Week 3 down vs Week 1
10527959	---		5.58468E-09	-2.13069	Week 3 down vs Week 1
10517141	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	3.14344E-08	-2.13037	Week 3 down vs Week 1
10414001	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.00517841	-2.13022	Week 3 down vs Week 1
10338661	---		0.000270656	-2.12975	Week 3 down vs Week 1
10500114	NM_019914 // Mllt11 // myeloid/lymphoid or mixed-lineage leukemia (trithorax hom	Mllt11	7.65936E-07	-2.12823	Week 3 down vs Week 1
10366337	NM_001146707 // Nap1l1 // nucleosome assembly protein 1-like 1 // 10 D1|10 60.0	Nap1l1	2.63634E-06	-2.12764	Week 3 down vs Week 1
10564211	NM_013670 // Snrpn // small nuclear ribonucleoprotein N // 7 C|7 29.0 cM // 2064	Snrpn	7.93239E-05	-2.12671	Week 3 down vs Week 1
10341406	---		0.000549597	-2.12653	Week 3 down vs Week 1
10344265	---		0.000004365	-2.12625	Week 3 down vs Week 1
10339118	---		0.000380706	-2.12585	Week 3 down vs Week 1
10427075	NM_010664 // Krt18 // keratin 18 // 15 F3|15 58.86 cM // 16668 /// ENSMUST000000	Krt18	0.000112761	-2.12567	Week 3 down vs Week 1
10344210	---		6.79977E-05	-2.12509	Week 3 down vs Week 1
10339880	---		0.00444575	-2.12472	Week 3 down vs Week 1
10358057	NM_175259 // Shisa4 // shisa homolog 4 (Xenopus laevis) // 1 E4 // 77552 /// ENS	Shisa4	5.64151E-06	-2.12427	Week 3 down vs Week 1
10532590	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	8.90038E-05	-2.12384	Week 3 down vs Week 1
10563963	---		0.000670286	-2.12338	Week 3 down vs Week 1
10563969	---		0.000670286	-2.12338	Week 3 down vs Week 1
10563977	---		0.000670286	-2.12338	Week 3 down vs Week 1
10563979	---		0.000670286	-2.12338	Week 3 down vs Week 1
10563983	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000670286	-2.12338	Week 3 down vs Week 1
10563985	---		0.000670286	-2.12338	Week 3 down vs Week 1
10341566	---		0.000334197	-2.12257	Week 3 down vs Week 1
10344084	---		5.12427E-05	-2.12199	Week 3 down vs Week 1
10340698	---		0.00392456	-2.12115	Week 3 down vs Week 1
10458122	NM_080637 // Nme5 // non-metastatic cells 5, protein expressed in (nucleoside-di	Nme5	5.04866E-05	-2.12086	Week 3 down vs Week 1
10342589	---		0.00185912	-2.12033	Week 3 down vs Week 1
10604743	NR_002903 // Snord61 // small nucleolar RNA, C/D box 61 // X A5 // 353374	Snord61	4.47033E-06	-2.1203	Week 3 down vs Week 1
10344116	---		9.5607E-06	-2.12008	Week 3 down vs Week 1
10343529	---		6.24316E-06	-2.11986	Week 3 down vs Week 1
10465089	NM_001024560 // Snx32 // sorting nexin 32 // 19 A // 225861 /// ENSMUST000000701	Snx32	4.32637E-07	-2.11963	Week 3 down vs Week 1
10339969	---		1.53882E-07	-2.11843	Week 3 down vs Week 1
10546624	NM_001081157 // Lmod3 // leiomodin 3 (fetal) // 6 D3 // 320502 /// ENSMUST000000	Lmod3	3.57962E-05	-2.11831	Week 3 down vs Week 1
10344511	---		0.0003543	-2.11816	Week 3 down vs Week 1
10342144	---		3.74306E-05	-2.11813	Week 3 down vs Week 1
10342795	---		4.80299E-05	-2.11732	Week 3 down vs Week 1
10340506	---		1.43491E-05	-2.11692	Week 3 down vs Week 1
10340344	---		0.000119722	-2.11689	Week 3 down vs Week 1
10436636	NM_001113208 // Ncam2 // neural cell adhesion molecule 2 // 16 56.0 cM // 17968	Ncam2	6.71718E-05	-2.11577	Week 3 down vs Week 1
10338933	---		0.000381916	-2.11486	Week 3 down vs Week 1

10439695	NM_019754 // Tagln3 // transgelin 3 // 16 B5 // 56370 /// ENSMUST00000096057 //	Tagln3	0.00229274	-2.1144	Week 3 down vs Week 1
10503448	NM_019724 // Mmp16 // matrix metallopeptidase 16 // 4 A3|4 3.6 cM // 17389 /// E	Mmp16	1.03731E-08	-2.11315	Week 3 down vs Week 1
10338667	---		2.72301E-06	-2.11315	Week 3 down vs Week 1
10343798	---		5.18742E-05	-2.1124	Week 3 down vs Week 1
10339048	---		0.00136664	-2.11036	Week 3 down vs Week 1
10388954	NM_019409 // Omg // oligodendrocyte myelin glycoprotein // 11 B5|11 46.07 cM //	Omg	1.01971E-05	-2.10796	Week 3 down vs Week 1
10338881	---		6.75582E-06	-2.10754	Week 3 down vs Week 1
10342297	---		0.0058234	-2.10679	Week 3 down vs Week 1
10339368	---		1.44522E-05	-2.10667	Week 3 down vs Week 1
10342812	---		0.000138566	-2.10662	Week 3 down vs Week 1
10339434	---		2.60443E-07	-2.10629	Week 3 down vs Week 1
10343118	---		5.27752E-05	-2.10586	Week 3 down vs Week 1
10586357	NM_173385 // Cilp // cartilage intermediate layer protein, nucleotide pyrophosph	Cilp	0.000266084	-2.10542	Week 3 down vs Week 1
10342092	---		0.000117747	-2.10501	Week 3 down vs Week 1
10586967	NM_001039251 // Gm7265 // predicted gene 7265 // 9 D|9 // 639396	Gm7265	2.58407E-07	-2.10461	Week 3 down vs Week 1
10521796	---		5.68715E-06	-2.10409	Week 3 down vs Week 1
10341365	---		0.000337824	-2.10293	Week 3 down vs Week 1
10357946	NM_001081307 // Ppp1r12b // protein phosphatase 1, regulatory (inhibitor) subuni	Ppp1r12b	1.93833E-07	-2.10285	Week 3 down vs Week 1
10362633	NM_011264 // Rev3l // REV3-like, catalytic subunit of DNA polymerase zeta RAD54	Rev3l	1.51539E-08	-2.10264	Week 3 down vs Week 1
10557855	NM_001079932 // Trim72 // tripartite motif-containing 72 // 7 F3 // 434246 /// E	Trim72	0.000250175	-2.10256	Week 3 down vs Week 1
10399379	NM_008828 // Pgk1 // phosphoglycerate kinase 1 // X C-D|X 45.0 cM // 18655 /// E	Pgk1	3.2525E-10	-2.10196	Week 3 down vs Week 1
10498313	NM_008828 // Pgk1 // phosphoglycerate kinase 1 // X C-D|X 45.0 cM // 18655 /// E	Pgk1	3.2525E-10	-2.10196	Week 3 down vs Week 1
10343817	---		2.18994E-05	-2.10077	Week 3 down vs Week 1
10594144	NM_175325 // Bbs4 // Bardet-Biedl syndrome 4 (human) // 9 B|9 33.0 cM // 102774	Bbs4	3.52076E-05	-2.10021	Week 3 down vs Week 1
10341434	---		8.14465E-05	-2.09886	Week 3 down vs Week 1
10445071	NM_001013745 // Zfp57 // zinc finger protein 57 // 17 B3|17 // 22715 /// NM_0095	Zfp57	3.35572E-09	-2.09871	Week 3 down vs Week 1
10378436	NM_011002 // Olfr59 // olfactory receptor 59 // 11 B5 // 18359 /// ENSMUST000001	Olfr59	3.39993E-05	-2.09868	Week 3 down vs Week 1
10374356	NM_145967 // Vstm2a // V-set and transmembrane domain containing 2A // 11 A2 //	Vstm2a	1.25153E-05	-2.09822	Week 3 down vs Week 1
10341343	---		0.000310949	-2.09799	Week 3 down vs Week 1
10343647	---		1.08444E-06	-2.09792	Week 3 down vs Week 1
10537458	NM_001004182 // Gm5567 // predicted gene 5567 // 6 B1|6 // 434008 /// ENSMUST000	Gm5567	3.07075E-05	-2.09732	Week 3 down vs Week 1
10423098	NM_053077 // Slc45a2 // solute carrier family 45, member 2 // 15 A1|15 6.7 cM //	Slc45a2	0.00410471	-2.09696	Week 3 down vs Week 1
10340310	---		0.00347558	-2.09659	Week 3 down vs Week 1
10342875	---		0.000257871	-2.09649	Week 3 down vs Week 1
10412657	---		8.16925E-05	-2.09641	Week 3 down vs Week 1
10341535	---		3.77381E-05	-2.09456	Week 3 down vs Week 1
10441195	NM_031174 // Dscam // Down syndrome cell adhesion molecule // 16 C|16 70.5 cM //	Dscam	0.000217153	-2.09413	Week 3 down vs Week 1
10340417	---		2.00975E-05	-2.09123	Week 3 down vs Week 1
10343663	---		0.00115593	-2.09053	Week 3 down vs Week 1
10363224	NM_021272 // Fabp7 // fatty acid binding protein 7, brain // 10 B4 // 12140 ///	Fabp7	0.000185856	-2.0902	Week 3 down vs Week 1
10417458	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// ENSMUST0	Gm5458	0.000122027	-2.08971	Week 3 down vs Week 1
10462303	NM_183179 // Kcnv2 // potassium channel, subfamily V, member 2 // 19 C1 // 24059	Kcnv2	0.0114317	-2.08965	Week 3 down vs Week 1
10342104	---		1.56388E-08	-2.08958	Week 3 down vs Week 1
10446334	NM_133236 // Glcci1 // glucocorticoid induced transcript 1 // 6 A1 // 170772 ///	Glcci1	4.18235E-06	-2.08846	Week 3 down vs Week 1
10398442	---		2.25074E-05	-2.08769	Week 3 down vs Week 1
10339488	---		0.000769549	-2.08686	Week 3 down vs Week 1
10403108	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	1.69709E-07	-2.08595	Week 3 down vs Week 1
10462912	NM_020278 // Lgi1 // leucine-rich repeat LGI family, member 1 // 19 C3 // 56839	Lgi1	0.00187291	-2.08423	Week 3 down vs Week 1
10343792	---		0.000333977	-2.08339	Week 3 down vs Week 1
10417411	EF651836 // ENSMUSG00000079376 // predicted gene, ENSMUSG00000079376 // 14 A1|14	ENSMUSG000(	2.83421E-05	-2.08326	Week 3 down vs Week 1
10556076	NM_172907 // Olfml1 // olfactomedin-like 1 // 7 E3 // 244198 /// ENSMUST00000062	Olfml1	2.45879E-05	-2.08322	Week 3 down vs Week 1
10374842	NM_176841 // Ccdc88a // coiled coil domain containing 88A // 11 A3.3 // 108686 /	Ccdc88a	1.40357E-05	-2.08291	Week 3 down vs Week 1
10601390	NM_008828 // Pgk1 // phosphoglycerate kinase 1 // X C-D|X 45.0 cM // 18655 /// E	Pgk1	4.41534E-10	-2.08265	Week 3 down vs Week 1
10339270	---		0.00142438	-2.08263	Week 3 down vs Week 1
10343552	---		3.09866E-05	-2.08196	Week 3 down vs Week 1
10341224	---		7.83594E-06	-2.08187	Week 3 down vs Week 1
10479375	---		0.00378677	-2.0818	Week 3 down vs Week 1
10340292	---		0.000947932	-2.08162	Week 3 down vs Week 1
10488804	XR_031617 // Gm14214 // predicted gene 14214 // 2 H1 // 435692	Gm14214	2.13448E-05	-2.0814	Week 3 down vs Week 1
10518167	NM_025432 // Trappc2 // trafficking protein particle complex 2 // X F5 // 66226	Trappc2	5.15075E-06	-2.08098	Week 3 down vs Week 1
10344064	---		1.19996E-05	-2.08025	Week 3 down vs Week 1
10340832	---		8.52502E-05	-2.08005	Week 3 down vs Week 1
10564015	---		0.000620673	-2.0798	Week 3 down vs Week 1
10521626	NM_172274 // Cc2d2a // coiled-coil and C2 domain containing 2A // 5 B3 // 231214	Cc2d2a	1.82022E-09	-2.07917	Week 3 down vs Week 1
10381798	NM_010858 // Myl4 // myosin, light polypeptide 4 // 11 E|11 65.0 cM // 17896 ///	Myl4	0.00165524	-2.07852	Week 3 down vs Week 1

10434741	---		4.85111E-06	-2.0767	Week 3 down vs Week 1
10339287	---		0.000287064	-2.07558	Week 3 down vs Week 1
10414003	AK136780 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_985917 // Gm626	Gm626	0.00180626	-2.07548	Week 3 down vs Week 1
10467191	NM_013468 // Ankrd1 // ankyrin repeat domain 1 (cardiac muscle) // 19 C3 // 1077	Ankrd1	1.65029E-05	-2.07521	Week 3 down vs Week 1
10493633	NM_022314 // Tpm3 // tropomyosin 3, gamma // 3 F1 // 59069 /// ENSMUST0000011957	Tpm3	0.0171961	-2.07518	Week 3 down vs Week 1
10463732	NM_146100 // Ina // internexin neuronal intermediate filament protein, alpha //	Ina	0.000646476	-2.07514	Week 3 down vs Week 1
10340298	---		6.39315E-05	-2.07375	Week 3 down vs Week 1
10339628	---		0.000986203	-2.07336	Week 3 down vs Week 1
10535577	NM_177735 // Tmem130 // transmembrane protein 130 // 5 G2 // 243339 /// ENSMUST0	Tmem130	0.000445323	-2.07249	Week 3 down vs Week 1
10338903	---		7.81868E-05	-2.07174	Week 3 down vs Week 1
10339705	---		6.57183E-05	-2.07162	Week 3 down vs Week 1
10398380	---		2.53284E-06	-2.07104	Week 3 down vs Week 1
10522749	NM_198702 // Lphn3 // latrophilin 3 // 5 D-E1 // 319387 /// ENSMUST00000072521 /	Lphn3	1.38419E-07	-2.07073	Week 3 down vs Week 1
10339816	---		2.18266E-07	-2.07066	Week 3 down vs Week 1
10607156	NM_001110222 // Dcx // doublecortin // X F2 // 13193 /// NM_001110223 // Dcx //	Dcx	1.0396E-06	-2.07038	Week 3 down vs Week 1
10440314	NM_178721 // Cadm2 // cell adhesion molecule 2 // 16 C1.3-C2 // 239857 /// NM_00	Cadm2	0.00414706	-2.07005	Week 3 down vs Week 1
10423836	NM_026778 // Cthrc1 // collagen triple helix repeat containing 1 // 15 C // 6858	Cthrc1	9.98104E-06	-2.06948	Week 3 down vs Week 1
10341767	---		0.000504155	-2.06942	Week 3 down vs Week 1
10428376	NM_009640 // Angpt1 // angiopoietin 1 // 15 B3.1|15 14.3 cM // 11600 /// ENSMUST	Angpt1	0.00368129	-2.06887	Week 3 down vs Week 1
10552398	NM_177693 // Lim2 // lens intrinsic membrane protein 2 // 7 B4 // 233187 /// ENS	Lim2	2.01935E-05	-2.06887	Week 3 down vs Week 1
10340184	---		5.95774E-05	-2.06885	Week 3 down vs Week 1
10339333	---		0.000913532	-2.06844	Week 3 down vs Week 1
10580247	NM_019945 // Mast1 // microtubule associated serine/threonine kinase 1 // 8 C3|8	Mast1	0.00101494	-2.06708	Week 3 down vs Week 1
10339552	---		7.78926E-05	-2.06698	Week 3 down vs Week 1
10340936	---		0.000138075	-2.06555	Week 3 down vs Week 1
10338728	---		4.0735E-06	-2.06424	Week 3 down vs Week 1
10339616	---		0.000101273	-2.06424	Week 3 down vs Week 1
10338535	---		2.20311E-05	-2.06389	Week 3 down vs Week 1
10595622	---		1.7495E-06	-2.06222	Week 3 down vs Week 1
10595636	---		1.7495E-06	-2.06222	Week 3 down vs Week 1
10339107	---		0.0151568	-2.06179	Week 3 down vs Week 1
10532616	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376	Myo18b	0.000644214	-2.06048	Week 3 down vs Week 1
10357300	NM_199021 // Dpp10 // dipeptidylpeptidase 10 // 1 E2.3 // 269109 /// ENSMUST0000	Dpp10	2.12179E-06	-2.0601	Week 3 down vs Week 1
10338921	---		0.00402132	-2.05991	Week 3 down vs Week 1
10398400	---		2.9302E-06	-2.05932	Week 3 down vs Week 1
10453373	NM_145984 // Prepl // prolyl endopeptidase-like // 17 E4 // 213760 /// ENSMUST00	Prepl	2.6149E-06	-2.0587	Week 3 down vs Week 1
10338894	---		0.0018895	-2.05867	Week 3 down vs Week 1
10340237	---		7.89759E-10	-2.05793	Week 3 down vs Week 1
10398378	---		2.35416E-07	-2.05792	Week 3 down vs Week 1
10341639	---		8.77514E-09	-2.05749	Week 3 down vs Week 1
10472050	NM_009398 // Tnfaip6 // tumor necrosis factor alpha induced protein 6 // 2 C1.1	Tnfaip6	1.60664E-06	-2.05651	Week 3 down vs Week 1
10507273	NM_181585 // Pik3r3 // phosphatidylinositol 3 kinase, regulatory subunit, polype	Pik3r3	7.65915E-06	-2.05622	Week 3 down vs Week 1
10601768	ENSMUST00000055842 // Armcx4 // armadillo repeat containing, X-linked 4 // X E3	Armcx4	1.11242E-08	-2.05419	Week 3 down vs Week 1
10374908	NM_194054 // Rtn4 // reticulon 4 // 11 A3.3 // 68585 /// NM_194053 // Rtn4 // re	Rtn4	7.33747E-07	-2.05361	Week 3 down vs Week 1
10442270	BC025651 // 1300003B13Rik // RIKEN cDNA 1300003B13 gene // 17 A3.3 // 74149 ///	1300003B13Rik	2.05646E-06	-2.05338	Week 3 down vs Week 1
10342483	---		3.73802E-06	-2.05301	Week 3 down vs Week 1
10497842	NM_027810 // Bbs7 // Bardet-Biedl syndrome 7 (human) // 3 B // 71492 /// ENSMUST	Bbs7	0.000490963	-2.05298	Week 3 down vs Week 1
10363669	NM_013888 // Dnajc12 // DnaJ (Hsp40) homolog, subfamily C, member 12 // 10 B4 //	Dnajc12	1.60875E-06	-2.05158	Week 3 down vs Week 1
10339626	---		0.000260484	-2.05109	Week 3 down vs Week 1
10462887	NM_033614 // Pde6c // phosphodiesterase 6C, cGMP specific, cone, alpha prime //	Pde6c	0.000130382	-2.04933	Week 3 down vs Week 1
10547613	NM_027664 // Rimklb // ribosomal modification protein rimK-like family member B	Rimklb	0.000149094	-2.04896	Week 3 down vs Week 1
10341500	---		0.00112152	-2.04806	Week 3 down vs Week 1
10354741	NM_028713 // Rftn2 // raftlin family member 2 // 1 C1 // 74013 /// ENSMUST000000	Rftn2	2.8272E-07	-2.04741	Week 3 down vs Week 1
10399224	NM_008445 // Kif3c // kinesin family member 3C // 12 A1.1|12 4.0 cM // 16570 ///	Kif3c	5.99824E-08	-2.0462	Week 3 down vs Week 1
10601878	NM_146236 // Tceal1 // transcription elongation factor A (SII)-like 1 // X F1 //	Tceal1	1.26266E-08	-2.04582	Week 3 down vs Week 1
10589756	NM_175266 // Epm2aip1 // EPM2A (laforin) interacting protein 1 // 9 F3 // 77781	Epm2aip1	4.73323E-09	-2.04548	Week 3 down vs Week 1
10358577	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.00259649	-2.04533	Week 3 down vs Week 1
10560919	NM_144921 // Atp1a3 // ATPase, Na+/K+ transporting, alpha 3 polypeptide // 7 A3	Atp1a3	0.0104804	-2.04532	Week 3 down vs Week 1
10543959	NM_008973 // Ptn // pleiotrophin // 6 B1|6 13.5 cM // 19242 /// ENSMUST000001015	Ptn	0.000628342	-2.04463	Week 3 down vs Week 1
10342231	---		0.0114415	-2.04249	Week 3 down vs Week 1
10492813	NM_207278 // Tigd4 // tigger transposable element derived 4 // 3 F1 // 403175 //	Tigd4	0.000489674	-2.04247	Week 3 down vs Week 1
10592420	NM_178737 // AW551984 // expressed sequence AW551984 // 9 A5.1 // 244810 /// ENS	AW551984	0.000382983	-2.04162	Week 3 down vs Week 1
10510230	NM_001039209 // Gm13152 // predicted gene 13152 // 4 E1|4 // 195531 /// NM_00101	Gm13152	5.1976E-08	-2.04119	Week 3 down vs Week 1
10344568	---		2.97947E-06	-2.04047	Week 3 down vs Week 1
10342529	---		1.61051E-05	-2.04045	Week 3 down vs Week 1

10608715	---		0.000844281	-2.03992	Week 3 down vs Week 1
10339851	---		8.77419E-05	-2.03982	Week 3 down vs Week 1
10342064	---		1.12984E-05	-2.03923	Week 3 down vs Week 1
10540248	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	0.00612949	-2.03894	Week 3 down vs Week 1
10501971	NM_178655 // Ank2 // ankyrin 2, brain // 3 G2|3 62.5 cM // 109676 /// NM_0010341	Ank2	3.64373E-05	-2.03872	Week 3 down vs Week 1
10523060	ENSMUST00000068250 // Gm9958 // predicted gene 9958 // --- // 791294	Gm9958	9.24681E-10	-2.0383	Week 3 down vs Week 1
10410778	NM_054053 // Gpr98 // G protein-coupled receptor 98 // 13 C3|13 40.0 cM // 11078	Gpr98	0.000258112	-2.03796	Week 3 down vs Week 1
10356001	NM_016716 // Cul3 // cullin 3 // 1 C4 // 26554 /// ENSMUST00000004478 // Cul3 //	Cul3	1.74027E-08	-2.03568	Week 3 down vs Week 1
10342078	---		0.00086388	-2.03561	Week 3 down vs Week 1
10341914	---		1.88975E-05	-2.03498	Week 3 down vs Week 1
10344074	---		1.01376E-07	-2.03456	Week 3 down vs Week 1
10451851	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	6.94497E-06	-2.03387	Week 3 down vs Week 1
10384838	NM_146016 // C230094A16Rik // RIKEN cDNA C230094A16 gene // 11 A3.3 // 237711 //	C230094A16Rik	0.000001508	-2.03362	Week 3 down vs Week 1
10340043	---		0.00182754	-2.03319	Week 3 down vs Week 1
10343327	---		0.00027807	-2.03288	Week 3 down vs Week 1
10341366	---		0.00399495	-2.03287	Week 3 down vs Week 1
10339958	---		9.25033E-06	-2.03276	Week 3 down vs Week 1
10514158	NM_133948 // Psip1 // PC4 and SFRS1 interacting protein 1 // 4 C3 // 101739 ///	Psip1	4.05077E-06	-2.03079	Week 3 down vs Week 1
10379594	NM_178680 // Unc45b // unc-45 homolog B (C. elegans) // 11 C // 217012 /// ENSMU	Unc45b	8.00953E-06	-2.03018	Week 3 down vs Week 1
10476314	NM_011170 // Prnp // prion protein // 2 F2|2 75.0 cM // 19122 /// ENSMUST0000009	Prnp	4.19126E-07	-2.0301	Week 3 down vs Week 1
10491414	NM_001013024 // Usp13 // ubiquitin specific peptidase 13 (isopeptidase T-3) // 3	Usp13	0.000262485	-2.0286	Week 3 down vs Week 1
10596982	NM_183250 // Ccdc72 // coiled-coil domain containing 72 // 9 F2 // 66167 /// BC0	Ccdc72	0.000029756	-2.02835	Week 3 down vs Week 1
10340034	---		2.12211E-06	-2.02788	Week 3 down vs Week 1
10340493	---		0.00153374	-2.02747	Week 3 down vs Week 1
10595626	---		2.72985E-06	-2.02719	Week 3 down vs Week 1
10430679	---		0.000178303	-2.02712	Week 3 down vs Week 1
10406461	ENSMUST00000052354 // C130071C03Rik // RIKEN cDNA C130071C03 gene // 13 C3 // 32	C130071C03Rik	0.000434575	-2.02672	Week 3 down vs Week 1
10585543	XR_030731 // Gm7444 // predicted gene 7444 // 9 B // 665005	Gm7444	8.63174E-07	-2.02671	Week 3 down vs Week 1
10481592	NM_010065 // Dnm1 // dynamin 1 // 2 B|2 17.0 cM // 13429 /// ENSMUST00000091089	Dnm1	2.78653E-05	-2.02646	Week 3 down vs Week 1
10339376	---		0.00205164	-2.02577	Week 3 down vs Week 1
10339422	---		4.67241E-05	-2.02509	Week 3 down vs Week 1
10343735	---		0.000337994	-2.025	Week 3 down vs Week 1
10340302	---		4.00218E-06	-2.02499	Week 3 down vs Week 1
10591094	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	2.0211E-10	-2.02469	Week 3 down vs Week 1
10405063	NM_008760 // Ogn // osteoglycin // 13 A5 // 18295 /// ENSMUST00000021822 // Ogn	Ogn	0.00950633	-2.0242	Week 3 down vs Week 1
10472378	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	5.72503E-06	-2.02416	Week 3 down vs Week 1
10343090	---		0.000461507	-2.02363	Week 3 down vs Week 1
10340879	---		0.00222033	-2.02341	Week 3 down vs Week 1
10353038	NM_145692 // Lrrc67 // leucine rich repeat containing 67 // 1 A2 // 69312 /// NM	Lrrc67	3.75165E-05	-2.02271	Week 3 down vs Week 1
10375774	NM_173372 // Grm6 // glutamate receptor, metabotropic 6 // 11 B1.3 // 108072 ///	Grm6	0.000218191	-2.02241	Week 3 down vs Week 1
10340433	---		0.000258448	-2.02095	Week 3 down vs Week 1
10492136	NM_019978 // Dclk1 // doublecortin-like kinase 1 // 3 D // 13175 /// NM_00111105	Dclk1	9.52392E-07	-2.02083	Week 3 down vs Week 1
10502696	NM_027617 // Spata1 // spermatogenesis associated 1 // 3 H2 // 70951 /// ENSMUST	Spata1	0.000584207	-2.0199	Week 3 down vs Week 1
10343298	---		5.47233E-05	-2.01917	Week 3 down vs Week 1
10339966	---		6.09655E-05	-2.01894	Week 3 down vs Week 1
10362245	NM_013511 // Epb4.1l2 // erythrocyte protein band 4.1-like 2 // 10 A4|10 18.0 cM	Epb4.1l2	0.000159547	-2.01792	Week 3 down vs Week 1
10392415	NM_011268 // Rgs9 // regulator of G-protein signaling 9 // 11 E1|11 70.0 cM // 1	Rgs9	0.00221471	-2.01761	Week 3 down vs Week 1
10523231	NM_181728 // Art3 // ADP-ribosyltransferase 3 // 5 E2|5 52.0 cM // 109979 /// EN	Art3	0.00201261	-2.01723	Week 3 down vs Week 1
10339634	---		0.00199178	-2.01617	Week 3 down vs Week 1
10399478	NM_015763 // Lpin1 // lipin 1 // 12 A1.1|12 9.0 cM // 14245 /// NM_172950 // Lpi	Lpin1	1.64606E-09	-2.01603	Week 3 down vs Week 1
10353288	NM_025773 // Ube2w // ubiquitin-conjugating enzyme E2W (putative) // 1 A3 // 667	Ube2w	1.21413E-06	-2.01589	Week 3 down vs Week 1
10553861	NM_001039104 // Trpm1 // transient receptor potential cation channel, subfamily	Trpm1	0.000457545	-2.01516	Week 3 down vs Week 1
10600524	NM_011692 // Vbp1 // von Hippel-Lindau binding protein 1 // X A7.3|X 30.8 cM //	Vbp1	1.04799E-05	-2.01513	Week 3 down vs Week 1
10342484	---		0.00249299	-2.01401	Week 3 down vs Week 1
10398402	---		1.75645E-08	-2.01363	Week 3 down vs Week 1
10341703	---		6.14405E-05	-2.01298	Week 3 down vs Week 1
10362538	NM_010681 // Lama4 // laminin, alpha 4 // 10 B1|10 25.0 cM // 16775 /// ENSMUST0	Lama4	0.00143539	-2.01298	Week 3 down vs Week 1
10342266	---		0.000129857	-2.01287	Week 3 down vs Week 1
10338480	---		6.87966E-05	-2.01276	Week 3 down vs Week 1
10344679	NM_173868 // St18 // suppression of tumorigenicity 18 // 1 A1 // 240690 /// ENSM	St18	0.000032033	-2.01226	Week 3 down vs Week 1
10497051	NM_001039094 // Negr1 // neuronal growth regulator 1 // 3 H4 // 320840 /// NM_17	Negr1	1.28883E-05	-2.01184	Week 3 down vs Week 1
10341940	---		0.00113997	-2.01184	Week 3 down vs Week 1
10593233	NM_013561 // Htr3a // 5-hydroxytryptamine (serotonin) receptor 3A // 9 A5.3 // 1	Htr3a	6.07219E-05	-2.01142	Week 3 down vs Week 1
10422348	NM_001081252 // Uggt2 // UDP-glucose glycoprotein glucosyltransferase 2 // 14 E4	Uggt2	2.71815E-06	-2.00959	Week 3 down vs Week 1
10407511	---		3.32624E-06	-2.00946	Week 3 down vs Week 1

10434666	---		0.000055603	-2.00811	Week 3 down vs Week 1
10343199	---		0.000464978	-2.00748	Week 3 down vs Week 1
10594661	NM_024427 // Tpm1 // tropomyosin 1, alpha // 9 C|9 40.0 cM // 22003 /// ENSMUST0	Tpm1	0.000693484	-2.00734	Week 3 down vs Week 1
10338598	---		0.0139806	-2.00655	Week 3 down vs Week 1
10338625	---		0.00226567	-2.00551	Week 3 down vs Week 1
10527982	BC062906 // A330021E22Rik // RIKEN cDNA A330021E22 gene // 5 A1 // 207686 /// NM	A330021E22Rik	1.07792E-06	-2.00545	Week 3 down vs Week 1
10342019	---		3.79644E-05	-2.00526	Week 3 down vs Week 1
10408935	ENSMUST00000099550 // Gm10786 // predicted gene 10786 // --- // 100038539	Gm10786	9.94943E-06	-2.00445	Week 3 down vs Week 1
10343859	---		0.000507651	-2.00437	Week 3 down vs Week 1
10607524	NM_009214 // Sms // spermine synthase // X F4|X 65.45 cM // 20603 /// BC058688 /	Sms	1.69926E-07	-2.00359	Week 3 down vs Week 1
10338236	---		4.02793E-06	-2.00311	Week 3 down vs Week 1
10338922	---		3.37902E-05	-2.00307	Week 3 down vs Week 1
10427496	NM_178748 // Egflam // EGF-like, fibronectin type III and laminin G domains // 1	Egflam	0.000623679	-2.00305	Week 3 down vs Week 1
10428124	ENSMUST00000090179 // Rgs22 // regulator of G-protein signalling 22 // 15 B3.1 /	Rgs22	3.49105E-05	-2.00284	Week 3 down vs Week 1
10446965	NM_207246 // Rasgrp3 // RAS, guanyl releasing protein 3 // 17 E2 // 240168 /// E	Rasgrp3	0.0208529	-2.00128	Week 3 down vs Week 1
10571384	ENSMUST00000068999 // Efha2 // EF-hand domain family, member A2 // 8 A4 // 78506	Efha2	2.00262E-07	-2.00092	Week 3 down vs Week 1
10383502	NM_030696 // Slc16a3 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a3	5.07167E-06	-2.00092	Week 3 down vs Week 1
10344110	---		0.00234465	-2.00052	Week 3 down vs Week 1
10471655	NM_146120 // Gsn // gelsolin // 2 B|2 24.5 cM // 227753 /// ENSMUST00000028239 /	Gsn	4.46534E-08	2.00026	Week 3 up vs Week 1
10491272	NM_001134385 // Gpr160 // G protein-coupled receptor 160 // 3 B // 71862 /// NM_	Gpr160	5.1994E-07	2.00061	Week 3 up vs Week 1
10431424	NM_001159521 // Plxnb2 // plexin B2 // 15 43.0 cM // 140570 /// NM_138749 // Plx	Plxnb2	1.54853E-06	2.00109	Week 3 up vs Week 1
10440738	NM_009384 // Tiam1 // T-cell lymphoma invasion and metastasis 1 // 16 61.8 cM //	Tiam1	9.091E-11	2.00228	Week 3 up vs Week 1
10590992	ENSMUST00000034412 // Hephl1 // hephaestin-like 1 // 9 A2 // 244698	Hephl1	1.80201E-08	2.00295	Week 3 up vs Week 1
10342351	---		0.00122677	2.00299	Week 3 up vs Week 1
10340881	---		7.34674E-05	2.00305	Week 3 up vs Week 1
10375058	NM_001083955 // Hba-a2 // hemoglobin alpha, adult chain 2 // 11|11 16.0 cM // 11	Hba-a2	0.0157836	2.00523	Week 3 up vs Week 1
10341283	---		4.82184E-07	2.00528	Week 3 up vs Week 1
10383684	NM_010718 // Limk2 // LIM motif-containing protein kinase 2 // 11 D // 16886 ///	Limk2	3.6439E-06	2.00613	Week 3 up vs Week 1
10549873	---		2.84428E-10	2.00732	Week 3 up vs Week 1
10442549	NM_183149 // Zfp598 // zinc finger protein 598 // 17 A3.3 // 213753 /// ENSMUST0	Zfp598	5.255E-12	2.00825	Week 3 up vs Week 1
10379389	NM_172133 // Adap2 // ArfGAP with dual PH domains 2 // 11 B5|11 47.24 cM // 2169	Adap2	1.34783E-06	2.00881	Week 3 up vs Week 1
10378697	NM_008659 // Myo1c // myosin IC // 11 C-E1|11 44.13 cM // 17913 /// NM_001080775	Myo1c	1.05812E-07	2.0099	Week 3 up vs Week 1
10471216	NM_011836 // Lamc3 // laminin gamma 3 // 2 B // 23928 /// ENSMUST00000028187 //	Lamc3	0.000370823	2.0101	Week 3 up vs Week 1
10341533	---		3.7085E-06	2.01019	Week 3 up vs Week 1
10342562	---		9.88398E-10	2.01035	Week 3 up vs Week 1
10575976	NM_030209 // Crispld2 // cysteine-rich secretory protein LCCL domain containing	Crispld2	0.000615204	2.01077	Week 3 up vs Week 1
10349782	NM_028778 // Nuak2 // NUAK family, SNF1-like kinase, 2 // 1 E4 // 74137 /// ENSM	Nuak2	4.77979E-06	2.01103	Week 3 up vs Week 1
10460237	NM_019449 // Unc93b1 // unc-93 homolog B1 (C. elegans) // 19 A // 54445 /// NM_0	Unc93b1	4.15572E-10	2.01149	Week 3 up vs Week 1
10341410	---		3.90163E-06	2.0142	Week 3 up vs Week 1
10346410	NM_023617 // Aox3 // aldehyde oxidase 3 // 1 C1.3|1 23.2 cM // 71724 /// ENSMUST	Aox3	8.50097E-06	2.0144	Week 3 up vs Week 1
10401114	NM_134050 // Rab15 // RAB15, member RAS oncogene family // 12 C3 // 104886 /// E	Rab15	3.35473E-07	2.01577	Week 3 up vs Week 1
10384615	NM_011023 // Otx1 // orthodenticle homolog 1 (Drosophila) // 11 A3.2|11 12.0 cM	Otx1	3.55226E-05	2.01716	Week 3 up vs Week 1
10339649	---		0.000208807	2.01843	Week 3 up vs Week 1
10343590	---		1.02521E-07	2.01954	Week 3 up vs Week 1
10589703	NM_008522 // Ltf // lactotransferrin // 9 F|9 70.2 cM // 17002 /// ENSMUST000000	Ltf	0.00167528	2.0202	Week 3 up vs Week 1
10500333	NM_033596 // Hist2h4 // histone cluster 2, H4 // 3 F1-F2 // 97122 /// BC057955 /	Hist2h4	3.6818E-08	2.02034	Week 3 up vs Week 1
10465150	NM_144868 // Pcnxl3 // pecanex-like 3 (Drosophila) // 19 A // 104401 /// ENSMUST	Pcnxl3	3.51038E-09	2.02088	Week 3 up vs Week 1
10564417	NM_053080 // Aldh1a3 // aldehyde dehydrogenase family 1, subfamily A3 // 7 C //	Aldh1a3	0.00051972	2.02259	Week 3 up vs Week 1
10426751	NM_026669 // Tmbim6 // transmembrane BAX inhibitor motif containing 6 // 15 F3|1	Tmbim6	4.62116E-08	2.02315	Week 3 up vs Week 1
10339255	---		0.000865521	2.02475	Week 3 up vs Week 1
10458090	NM_007874 // Reep5 // receptor accessory protein 5 // 18 B1 // 13476 /// ENSMUST	Reep5	8.87138E-08	2.0259	Week 3 up vs Week 1
10587818	NM_178711 // Plscr4 // phospholipid scramblase 4 // 9 E3.3 // 235527 /// ENSMUST	Plscr4	2.3454E-06	2.02605	Week 3 up vs Week 1
10404051	NM_175654 // Hist1h4d // histone cluster 1, H4d // --- // 319156	Hist1h4d	4.52552E-07	2.02642	Week 3 up vs Week 1
10416302	NM_021877 // Hr // hairless // 14 D2 // 15460 /// ENSMUST00000022691 // Hr // ha	Hr	1.56963E-09	2.0268	Week 3 up vs Week 1
10540705	NM_134159 // Il17rc // interleukin 17 receptor C // 6 E3 // 171095 /// ENSMUST00	Il17rc	6.96056E-10	2.02737	Week 3 up vs Week 1
10485131	NM_172670 // Gyltl1b // glycosyltransferase-like 1B // 2 E1 // 228366 /// ENSMUS	Gyltl1b	2.44132E-09	2.02819	Week 3 up vs Week 1
10375137	NM_031169 // Kcnmb1 // potassium large conductance calcium-activated channel, su	Kcnmb1	5.97566E-07	2.02848	Week 3 up vs Week 1
10387648	NM_001033433 // Tmem102 // transmembrane protein 102 // 11 B3 // 380705 /// NR_0	Tmem102	2.98731E-07	2.02877	Week 3 up vs Week 1
10574027	NM_013602 // Mt1 // metallothionein 1 // 8 C5|8 45.0 cM // 17748 /// ENSMUST0000	Mt1	1.13425E-07	2.02877	Week 3 up vs Week 1
10460631	NM_009045 // Rela // v-rel reticuloendotheliosis viral oncogene homolog A (avian	Rela	5.29979E-09	2.03035	Week 3 up vs Week 1
10344284	---		9.34932E-05	2.03105	Week 3 up vs Week 1
10344119	---		1.72839E-05	2.03134	Week 3 up vs Week 1
10502052	ENSMUST00000029662 // Alpk1 // alpha-kinase 1 // 3 H1 // 71481 /// AK173191 // A	Alpk1	2.16212E-10	2.03154	Week 3 up vs Week 1
10467258	NM_001099634 // Myof // myoferlin // 19 C2 // 226101 /// ENSMUST00000041475 // M	Myof	3.78104E-07	2.03197	Week 3 up vs Week 1
10517883	NM_025383 // Necap2 // NECAP endocytosis associated 2 // 4 D3 // 66147 /// ENSMU	Necap2	2.73184E-07	2.03266	Week 3 up vs Week 1

10342894	---		6.26992E-05	2.03333	Week 3 up vs Week 1
10429573	NM_001099217 // Ly6c2 // lymphocyte antigen 6 complex, locus C2 // 15 D3 // 1000	Ly6c2	8.51862E-07	2.03392	Week 3 up vs Week 1
10508879	NM_175307 // Fam46b // family with sequence similarity 46, member B // 4 D2.3 //	Fam46b	2.9977E-11	2.03463	Week 3 up vs Week 1
10499470	NM_028188 // Rusc1 // RUN and SH3 domain containing 1 // 3 F2 // 72296 /// NM_00	Rusc1	1.0527E-11	2.03498	Week 3 up vs Week 1
10421258	NM_145978 // Pdlim2 // PDZ and LIM domain 2 // 14 D2 // 213019 /// ENSMUST000000	Pdlim2	1.3166E-11	2.03548	Week 3 up vs Week 1
10417869	NM_009674 // Anxa7 // annexin A7 // 14 A3|14 2.5 cM // 11750 /// NM_001110794 //	Anxa7	2.50542E-06	2.03626	Week 3 up vs Week 1
10354506	NM_133829 // Mfsd6 // major facilitator superfamily domain containing 6 // 1 C1.	Mfsd6	7.90246E-07	2.03676	Week 3 up vs Week 1
10528455	---		8.151E-11	2.0373	Week 3 up vs Week 1
10449163	NM_011822 // Pigq // phosphatidylinositol glycan anchor biosynthesis, class Q //	Pigq	2.4505E-11	2.03829	Week 3 up vs Week 1
10395155	BC085288 // Fam110c // family with sequence similarity 110, member C // 12 A2 //	Fam110c	0.000078085	2.03851	Week 3 up vs Week 1
10343188	---		0.000074059	2.04018	Week 3 up vs Week 1
10396952	NM_001033149 // Ttc9 // tetratricopeptide repeat domain 9 // 12 D1 // 69480 ///	Ttc9	0.000173331	2.04036	Week 3 up vs Week 1
10512766	NM_029077 // Trim14 // tripartite motif-containing 14 // 4 B2 // 74735 /// ENSMU	Trim14	6.31874E-07	2.04049	Week 3 up vs Week 1
10341828	---		3.3812E-11	2.04263	Week 3 up vs Week 1
10502801	NM_031367 // H28 // histocompatibility 28 // 3 H3|3 82.5 cM // 15061 /// ENSMUST	H28	0.00517094	2.04287	Week 3 up vs Week 1
10464999	NM_028623 // Cst6 // cystatin E/M // 19 A|19 4.0 cM // 73720 /// ENSMUST00000025	Cst6	1.53252E-08	2.04291	Week 3 up vs Week 1
10440918	NM_030018 // Tmem50b // transmembrane protein 50B // 16 C3.3 // 77975 /// ENSMUS	Tmem50b	3.61186E-06	2.04298	Week 3 up vs Week 1
10404067	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_153	Hist1h4b	1.01871E-05	2.04382	Week 3 up vs Week 1
10572432	NM_023627 // Isyna1 // myo-inositol 1-phosphate synthase A1 // 8 B3.3 // 71780 /	Isyna1	3.96682E-09	2.045	Week 3 up vs Week 1
10341265	---		0.000152269	2.04796	Week 3 up vs Week 1
10359861	NM_025569 // Mgst3 // microsomal glutathione S-transferase 3 // 1 H2 // 66447 //	Mgst3	0.000001102	2.05119	Week 3 up vs Week 1
10541753	NM_175696 // C530028O21Rik // RIKEN cDNA C530028O21 gene // 6 F2 // 319352 /// N	C530028O21Ril	1.68823E-07	2.05298	Week 3 up vs Week 1
10592535	NM_011436 // Sorl1 // sortilin-related receptor, LDLR class A repeats-containing	Sorl1	7.44524E-06	2.05356	Week 3 up vs Week 1
10362160	---		8.4193E-06	2.05394	Week 3 up vs Week 1
10508805	NM_153423 // Wasf2 // WAS protein family, member 2 // 4 D2.3 // 242687 /// ENSMU	Wasf2	2.0446E-11	2.05396	Week 3 up vs Week 1
10341901	---		7.88031E-06	2.05408	Week 3 up vs Week 1
10608697	---		1.30144E-05	2.05419	Week 3 up vs Week 1
10484735	XM_621555 // Olfr1175 // olfactory receptor 1175 // 2 D // 546770	Olfr1175	2.90138E-07	2.05425	Week 3 up vs Week 1
10480628	NM_146116 // Tubb2c // tubulin, beta 2C // 2 A3 // 227613 /// ENSMUST00000043584	Tubb2c	1.09245E-06	2.05437	Week 3 up vs Week 1
10432972	NM_011244 // Rarg // retinoic acid receptor, gamma // 15 E-F3|15 57.4 cM // 1941	Rarg	5.33436E-08	2.055	Week 3 up vs Week 1
10413229	NM_013469 // Anxa11 // annexin A11 // 14 A3|14 3.3 cM // 11744 /// ENSMUST000000	Anxa11	7.93632E-08	2.05832	Week 3 up vs Week 1
10402575	NM_027299 // Degs2 // degenerative spermatocyte homolog 2 (Drosophila), lipid de	Degs2	1.77104E-10	2.05892	Week 3 up vs Week 1
10341331	---		0.000876583	2.05981	Week 3 up vs Week 1
10342743	---		2.11525E-05	2.0618	Week 3 up vs Week 1
10381474	NM_025404 // Arl4d // ADP-ribosylation factor-like 4D // 11 D // 80981 /// BC016	Arl4d	5.6313E-06	2.06197	Week 3 up vs Week 1
10425421	NM_145986 // Fam83f // family with sequence similarity 83, member F // 15 E1 //	Fam83f	1.75941E-07	2.06226	Week 3 up vs Week 1
10369615	NM_011157 // Srgn // serglycin // 10 B4 // 19073 /// ENSMUST00000105446 // Srgn	Srgn	0.00282503	2.06333	Week 3 up vs Week 1
10340846	---		0.000780822	2.06427	Week 3 up vs Week 1
10357870	NM_054077 // Prelp // proline arginine-rich end leucine-rich repeat // 1 E4|1 74	Prelp	0.000556825	2.06469	Week 3 up vs Week 1
10339358	---		1.02134E-05	2.06531	Week 3 up vs Week 1
10343013	---		7.55969E-05	2.06642	Week 3 up vs Week 1
10352320	NM_144794 // Tmem63a // transmembrane protein 63a // 1 H4 // 208795 /// ENSMUST0	Tmem63a	1.494E-12	2.06646	Week 3 up vs Week 1
10532839	NM_022017 // Trpv4 // transient receptor potential cation channel, subfamily V,	Trpv4	1.2878E-11	2.06679	Week 3 up vs Week 1
10528143	NM_008889 // Ppp1r14b // protein phosphatase 1, regulatory (inhibitor) subunit 1	Ppp1r14b	0.000020872	2.06699	Week 3 up vs Week 1
10350146	NM_013750 // Phlda3 // pleckstrin homology-like domain, family A, member 3 // 1	Phlda3	2.87141E-09	2.06863	Week 3 up vs Week 1
10340940	---		6.61853E-06	2.06904	Week 3 up vs Week 1
10444068	NM_001025313 // Tapbp // TAP binding protein // 17 B1|17 18.41 cM // 21356 /// N	Tapbp	1.08393E-09	2.06945	Week 3 up vs Week 1
10343876	---		3.62461E-08	2.07146	Week 3 up vs Week 1
10572800	NM_008452 // Klf2 // Kruppel-like factor 2 (lung) // 8 C1 // 16598 /// ENSMUST00	Klf2	5.65196E-07	2.07283	Week 3 up vs Week 1
10557459	NM_011952 // Mapk3 // mitogen-activated protein kinase 3 // 7 F3|7 61.0 cM // 26	Mapk3	7.5566E-11	2.07317	Week 3 up vs Week 1
10341952	---		9.24639E-05	2.07584	Week 3 up vs Week 1
10423770	NM_026496 // Grhl2 // grainyhead-like 2 (Drosophila) // 15 C // 252973 /// ENSMU	Grhl2	0.000243161	2.07587	Week 3 up vs Week 1
10463945	NM_001085390 // Dusp5 // dual specificity phosphatase 5 // 19 D2 // 240672 /// E	Dusp5	1.54644E-07	2.07772	Week 3 up vs Week 1
10408243	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_175	Hist1h4b	3.50947E-06	2.07814	Week 3 up vs Week 1
10443367	BC096647 // E230001N04Rik // RIKEN cDNA E230001N04 gene // 17 A3.3 // 320187 ///	E230001N04Rik	1.96916E-07	2.07909	Week 3 up vs Week 1
10342755	---		2.75872E-06	2.07928	Week 3 up vs Week 1
10557009	NM_007908 // Eef2k // eukaryotic elongation factor-2 kinase // 7 F3 // 13631 ///	Eef2k	1.4488E-10	2.07953	Week 3 up vs Week 1
10596747	NM_011349 // Sema3f // sema domain, immunoglobulin domain (Ig), short basic doma	Sema3f	3.7192E-11	2.07961	Week 3 up vs Week 1
10593966	NM_007783 // Csk // c-src tyrosine kinase // 9 B|9 32.0 cM // 12988 /// ENSMUST0	Csk	1.28505E-08	2.07977	Week 3 up vs Week 1
10339219	---		0.00161116	2.08004	Week 3 up vs Week 1
10340419	---		0.000142165	2.08034	Week 3 up vs Week 1
10431839	NM_207533 // Dbx2 // developing brain homeobox 2 // 15 F1|15 71.1 cM // 223843 /	Dbx2	1.61722E-08	2.08107	Week 3 up vs Week 1
10459227	---		6.94588E-06	2.08269	Week 3 up vs Week 1
10444824	NM_207648 // H2-Q6 // histocompatibility 2, Q region locus 6 // 17 B1|17 19.18 c	H2-Q6	5.12848E-08	2.08315	Week 3 up vs Week 1
10560685	NM_033601 // Bcl3 // B-cell leukemia/lymphoma 3 // 7 A3|7 6.5 cM // 12051 /// EN	Bcl3	2.77204E-08	2.08316	Week 3 up vs Week 1

10542911	NM_010156 // Samd9l // sterile alpha motif domain containing 9-like // 6 A1-A2 /	Samd9l	0.000379424	2.08327	Week 3 up vs Week 1
10341632	---		3.35306E-07	2.08341	Week 3 up vs Week 1
10355534	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961	Tns1	0.000271158	2.0835	Week 3 up vs Week 1
10539873	NM_008090 // Gata2 // GATA binding protein 2 // 6 D1|6 38.5 cM // 14461 /// ENSM	Gata2	3.02651E-07	2.08522	Week 3 up vs Week 1
10553107	NM_001033170 // Fam83e // family with sequence similarity 83, member E // 7 B4 /	Fam83e	2.98592E-10	2.08558	Week 3 up vs Week 1
10340154	---		0.000262563	2.0863	Week 3 up vs Week 1
10438753	NM_173379 // Leprel1 // leprecan-like 1 // 16 B1 // 210530 /// ENSMUST0000003999	Leprel1	1.51558E-07	2.08704	Week 3 up vs Week 1
10342914	---		0.000125115	2.08705	Week 3 up vs Week 1
10559509	NM_021454 // Cdc42ep5 // CDC42 effector protein (Rho GTPase binding) 5 // 7 A1 /	Cdc42ep5	8.06506E-07	2.08787	Week 3 up vs Week 1
10339081	---		6.96314E-05	2.08794	Week 3 up vs Week 1
10342946	---		8.76835E-05	2.08944	Week 3 up vs Week 1
10607865	NM_021278 // Tmsb4x // thymosin, beta 4, X chromosome // X F5|X 72.5 cM // 19241	Tmsb4x	1.02779E-05	2.09072	Week 3 up vs Week 1
10347158	---		2.55116E-08	2.09111	Week 3 up vs Week 1
10517791	NM_011061 // Padi4 // peptidyl arginine deiminase, type IV // 4 E1|4 71.0 cM //	Padi4	0.00169523	2.09313	Week 3 up vs Week 1
10540679	NM_145826 // Il17re // interleukin 17 receptor E // 6 E3 // 57890 /// NM_0010340	Il17re	1.13278E-07	2.09647	Week 3 up vs Week 1
10340764	---		3.44965E-06	2.09743	Week 3 up vs Week 1
10340102	---		0.000818739	2.09749	Week 3 up vs Week 1
10338156	---		1.48089E-05	2.09773	Week 3 up vs Week 1
10343203	---		0.000261051	2.09823	Week 3 up vs Week 1
10535852	NM_007513 // Slc7a1 // solute carrier family 7 (cationic amino acid transporter,	Slc7a1	1.48722E-06	2.10085	Week 3 up vs Week 1
10453256	NM_153512 // Kcng3 // potassium voltage-gated channel, subfamily G, member 3 //	Kcng3	0.000753945	2.10171	Week 3 up vs Week 1
10443527	NM_008842 // Pim1 // proviral integration site 1 // 17 A3.3|17 16.4 cM // 18712	Pim1	3.39971E-07	2.10256	Week 3 up vs Week 1
10425695	NM_033218 // Srebf2 // sterol regulatory element binding factor 2 // 15 E1 // 20	Srebf2	2.937E-07	2.10263	Week 3 up vs Week 1
10466947	NM_001081213 // Ermp1 // endoplasmic reticulum metallopeptidase 1 // 19 C1|19 24	Ermp1	1.61057E-05	2.10302	Week 3 up vs Week 1
10343156	---		2.83056E-07	2.10357	Week 3 up vs Week 1
10582811	BC048951 // Irf2bp2 // interferon regulatory factor 2 binding protein 2 // 8 E2	Irf2bp2	9.451E-11	2.10602	Week 3 up vs Week 1
10444658	NM_033444 // Clic1 // chloride intracellular channel 1 // 17 B1|17 19.0 cM // 11	Clic1	4.93256E-06	2.10624	Week 3 up vs Week 1
10426157	NM_026485 // Trabd // TraB domain containing // 15 E3 // 67976 /// ENSMUST000000	Trabd	8.99818E-10	2.10709	Week 3 up vs Week 1
10338242	---		0.000841846	2.10758	Week 3 up vs Week 1
10338744	---		0.00535265	2.10847	Week 3 up vs Week 1
10552425	BC112410 // 2210412E05Rik // RIKEN cDNA 2210412E05 gene // 7 B4 // 75690 /// ENS	2210412E05Rik	8.16908E-09	2.1095	Week 3 up vs Week 1
10385747	NM_199299 // Phf15 // PHD finger protein 15 // 11 B1.3 // 76901 /// ENSMUST00000	Phf15	1.03E-13	2.10976	Week 3 up vs Week 1
10477854	NM_013510 // Epb4.1l1 // erythrocyte protein band 4.1-like 1 // 2 H1|2 88.0 cM /	Epb4.1l1	7.13956E-09	2.11072	Week 3 up vs Week 1
10490080	NM_009996 // Cyp24a1 // cytochrome P450, family 24, subfamily a, polypeptide 1 /	Cyp24a1	0.00288465	2.1113	Week 3 up vs Week 1
10340452	---		5.77873E-06	2.11329	Week 3 up vs Week 1
10588577	NM_009895 // Cish // cytokine inducible SH2-containing protein // 9 F1|9 59.0 cM	Cish	7.78E-13	2.11598	Week 3 up vs Week 1
10471247	NM_145144 // Aif1l // allograft inflammatory factor 1-like // 2 B // 108897 ///	Aif1l	0.000118305	2.1165	Week 3 up vs Week 1
10343496	---		0.000332508	2.11701	Week 3 up vs Week 1
10405587	NM_009369 // Tgfbi // transforming growth factor, beta induced // 13 38.0 cM //	Tgfbi	0.00173526	2.11777	Week 3 up vs Week 1
10382462	NM_012030 // Slc9a3r1 // solute carrier family 9 (sodium/hydrogen exchanger), me	Slc9a3r1	3.20683E-08	2.11835	Week 3 up vs Week 1
10389025	NM_177390 // Myo1d // myosin ID // 11 B5|11 46.0 cM // 338367 /// ENSMUST0000004	Myo1d	6.69179E-09	2.11875	Week 3 up vs Week 1
10605113	NM_008478 // L1cam // L1 cell adhesion molecule // X A6-B|X 29.51 cM // 16728 //	L1cam	1.55786E-06	2.12035	Week 3 up vs Week 1
10508405	NM_025452 // Tmem54 // transmembrane protein 54 // 4 D2.2 // 66260 /// ENSMUST00	Tmem54	5.28976E-09	2.12042	Week 3 up vs Week 1
10581645	NM_028584 // Marveld3 // MARVEL (membrane-associating) domain containing 3 // 8	Marveld3	3.15061E-07	2.12055	Week 3 up vs Week 1
10429564	NM_010738 // Ly6a // lymphocyte antigen 6 complex, locus A // 15 D3|15 42.7 cM /	Ly6a	0.000488072	2.12132	Week 3 up vs Week 1
10374777	NM_146015 // Efemp1 // epidermal growth factor-containing fibulin-like extracell	Efemp1	0.000332687	2.122	Week 3 up vs Week 1
10338086	---		3.94152E-05	2.12501	Week 3 up vs Week 1
10574694	NM_172760 // Elmo3 // engulfment and cell motility 3, ced-12 homolog (C. elegans	Elmo3	5.44599E-07	2.12983	Week 3 up vs Week 1
10498653	NM_133675 // 1110032A04Rik // RIKEN cDNA 1110032A04 gene // 3 E3 // 66183 /// EN	1110032A04Rik	0.000113913	2.12987	Week 3 up vs Week 1
10475890	NM_008587 // Mertk // c-mer proto-oncogene tyrosine kinase // 2 F1 // 17289 ///	Mertk	5.89212E-05	2.13051	Week 3 up vs Week 1
10340643	---		2.41948E-08	2.13255	Week 3 up vs Week 1
10535065	NM_172723 // Adap1 // ArfGAP with dual PH domains 1 // 5 G2 // 231821 /// ENSMUS	Adap1	2.35588E-08	2.1338	Week 3 up vs Week 1
10342245	---		0.00018677	2.13418	Week 3 up vs Week 1
10490845	NM_025519 // Chmp4c // chromatin modifying protein 4C // 3 A1 // 66371 /// BC117	Chmp4c	8.43371E-05	2.1376	Week 3 up vs Week 1
10377889	NM_001045959 // Mink1 // misshapen-like kinase 1 (zebrafish) // 11 B4 // 50932 /	Mink1	1.435E-12	2.13779	Week 3 up vs Week 1
10597354	NM_011052 // Pdcd6ip // programmed cell death 6 interacting protein // 9 F2 // 1	Pdcd6ip	3.82571E-08	2.14097	Week 3 up vs Week 1
10585381	NM_028060 // Slc35f2 // solute carrier family 35, member F2 // 9 A5.3 // 72022 /	Slc35f2	0.00278887	2.14199	Week 3 up vs Week 1
10585778	NM_011352 // Sema7a // sema domain, immunoglobulin domain (Ig), and GPI membrane	Sema7a	0.000140888	2.14422	Week 3 up vs Week 1
10573203	NM_018771 // Gipc1 // GIPC PDZ domain containing family, member 1 // 8 C3 // 679	Gipc1	4.41214E-07	2.14432	Week 3 up vs Week 1
10338146	---		3.47013E-08	2.14551	Week 3 up vs Week 1
10600341	NM_007927 // Emd // emerin // X A7.3|X 29.81 cM // 13726 /// ENSMUST00000002029	Emd	3.23491E-10	2.14555	Week 3 up vs Week 1
10338412	---		6.95468E-05	2.14911	Week 3 up vs Week 1
10471721	NM_008969 // Ptgs1 // prostaglandin-endoperoxide synthase 1 // 2 B|2 29.0 cM //	Ptgs1	4.72457E-09	2.14927	Week 3 up vs Week 1
10438262	NM_153150 // Slc25a1 // solute carrier family 25 (mitochondrial carrier, citrate	Slc25a1	1.07471E-06	2.14948	Week 3 up vs Week 1
10351259	NM_054087 // Slc19a2 // solute carrier family 19 (thiamine transporter), member	Slc19a2	0.00241085	2.14976	Week 3 up vs Week 1

10373902	NM_028022 // Gatsl3 // GATS protein-like 3 // 11 A1 // 71962 /// BC039988 // Gat	Gatsl3	7.49625E-10	2.1499	Week 3 up vs Week 1
10460255	AK081788 // 1700055N04Rik // RIKEN cDNA 1700055N04 gene // 19 A // 73458 /// XM_	1700055N04Rik	9.88454E-07	2.15036	Week 3 up vs Week 1
10341772	---		1.6883E-07	2.15048	Week 3 up vs Week 1
10370552	NM_015817 // Ppap2c // phosphatidic acid phosphatase type 2C // 10 C1|10 42.0 cM	Ppap2c	0.000145756	2.15092	Week 3 up vs Week 1
10538413	NM_199143 // Znrf2 // zinc and ring finger 2 // 6 B3|6 26.0 cM // 387524 /// ENS	Znrf2	9.91048E-07	2.1518	Week 3 up vs Week 1
10561702	NM_001033525 // Kcnk6 // potassium inwardly-rectifying channel, subfamily K, mem	Kcnk6	4.45374E-09	2.15228	Week 3 up vs Week 1
10450374	L78788 // D17H6S56E-5 // DNA segment, Chr 17, human D6S56E 5 // 17 B1|17 19.0 cM	D17H6S56E-5	0.000121917	2.15319	Week 3 up vs Week 1
10569057	NM_145135 // Rnh1 // ribonuclease/angiogenin inhibitor 1 // 7 F5 // 107702 /// E	Rnh1	6.19961E-08	2.15378	Week 3 up vs Week 1
10522051	NM_008453 // Klf3 // Kruppel-like factor 3 (basic) // 5 C3.1 // 16599 /// DQ9818	Klf3	2.17065E-07	2.15396	Week 3 up vs Week 1
10499948	NM_001039594 // Lce3a // late cornified envelope 3A // 3 F1|3 // 545548 /// ENSM	Lce3a	9.94205E-07	2.15397	Week 3 up vs Week 1
10514347	NM_007670 // Cdkn2b // cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	Cdkn2b	1.43354E-07	2.15401	Week 3 up vs Week 1
10386033	NM_001029988 // Fat2 // FAT tumor suppressor homolog 2 (Drosophila) // 11 B1.3 /	Fat2	3.97734E-07	2.15422	Week 3 up vs Week 1
10341009	---		0.00054799	2.15428	Week 3 up vs Week 1
10416800	NM_201529 // Lmo7 // LIM domain only 7 // 14 E2.3 // 380928 /// ENSMUST000001003	Lmo7	3.96379E-05	2.15488	Week 3 up vs Week 1
10340560	---		0.00832168	2.15497	Week 3 up vs Week 1
10341837	---		7.88129E-05	2.15676	Week 3 up vs Week 1
10338591	---		1.05951E-06	2.15731	Week 3 up vs Week 1
10580282	NM_008416 // Junb // Jun-B oncogene // 8 C2-D1|8 38.6 cM // 16477 /// ENSMUST000	Junb	1.72708E-09	2.15813	Week 3 up vs Week 1
10555736	NM_147093 // Olfr558 // olfactory receptor 558 // --- // 259097 /// ENSMUST00000	Olfr558	1.08991E-05	2.15992	Week 3 up vs Week 1
10580649	NM_133660 // Es22 // esterase 22 // 8 C5|8 43.2 cM // 13897 /// ENSMUST000000341	Es22	8.34121E-05	2.1613	Week 3 up vs Week 1
10481092	NM_026212 // Agpat2 // 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosp	Agpat2	1.15525E-08	2.16281	Week 3 up vs Week 1
10485624	NM_178695 // Prrg4 // proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane	Prrg4	2.12407E-05	2.16299	Week 3 up vs Week 1
10342457	---		0.000846124	2.1631	Week 3 up vs Week 1
10436809	AF358257 // 4931408A02Rik // RIKEN cDNA 4931408A02 gene // 16 C3.3 // 70967 ///	4931408A02Rik	4E-14	2.16599	Week 3 up vs Week 1
10464167	NM_007419 // Adrb1 // adrenergic receptor, beta 1 // 19 D2|19 51.0 cM // 11554 /	Adrb1	1.0341E-11	2.16601	Week 3 up vs Week 1
10467124	NM_007392 // Acta2 // actin, alpha 2, smooth muscle, aorta // 19 C3 // 11475 ///	Acta2	0.0100163	2.16746	Week 3 up vs Week 1
10485402	NM_010218 // Fjx1 // four jointed box 1 (Drosophila) // 2 E2 // 14221 /// ENSMUS	Fjx1	0.000049776	2.16908	Week 3 up vs Week 1
10605571	NM_212444 // Gyk // glycerol kinase // X C-D|X 33.0 cM // 14933 /// NM_008194 //	Gyk	0.000584029	2.16982	Week 3 up vs Week 1
10342744	---		7.35353E-08	2.17084	Week 3 up vs Week 1
10339815	---		3.16504E-05	2.17123	Week 3 up vs Week 1
10354019	BC072639 // 2010300C02Rik // RIKEN cDNA 2010300C02 gene // 1 B // 72097 /// BC02	2010300C02Rik	5.88371E-09	2.1713	Week 3 up vs Week 1
10486197	NM_145530 // Rhov // ras homolog gene family, member V // 2 E5 // 228543 /// ENS	Rhov	1.34154E-05	2.17196	Week 3 up vs Week 1
10396440	XM_204772 // Gm5068 // predicted gene 5068 // 12 C3 // 277089	Gm5068	1.67162E-06	2.17233	Week 3 up vs Week 1
10480314	---		8.4E-13	2.17358	Week 3 up vs Week 1
10342992	---		1.2398E-11	2.17447	Week 3 up vs Week 1
10338774	---		2.47654E-06	2.17489	Week 3 up vs Week 1
10597575	NM_019676 // Plcd1 // phospholipase C, delta 1 // 9 F3 // 18799 /// ENSMUST00000	Plcd1	1.51382E-08	2.17529	Week 3 up vs Week 1
10530029	NM_144945 // Lgi2 // leucine-rich repeat LGI family, member 2 // 5 C1 // 246316	Lgi2	3.70238E-06	2.17673	Week 3 up vs Week 1
10341522	---		0.000486489	2.18056	Week 3 up vs Week 1
10340684	---		5.53893E-08	2.18203	Week 3 up vs Week 1
10341838	---		4.84857E-05	2.18209	Week 3 up vs Week 1
10339363	---		0.000061045	2.18308	Week 3 up vs Week 1
10381298	NM_019444 // Ramp2 // receptor (calcitonin) activity modifying protein 2 // 11 D	Ramp2	0.00134399	2.18309	Week 3 up vs Week 1
10595953	NM_177775 // Esyt3 // extended synaptotagmin-like protein 3 // 9 E3.3|9 52.0 cM	Esyt3	1.08398E-07	2.18315	Week 3 up vs Week 1
10342920	---		0.000198595	2.18382	Week 3 up vs Week 1
10387821	NM_007440 // Alox12 // arachidonate 12-lipoxygenase // 11 B3|11 40.0 cM // 11684	Alox12	3.3114E-06	2.18488	Week 3 up vs Week 1
10399005	NM_007763 // Crip1 // cysteine-rich protein 1 (intestinal) // 12 F1|12 57.9 cM /	Crip1	4.10457E-06	2.185	Week 3 up vs Week 1
10343937	---		0.0017007	2.18571	Week 3 up vs Week 1
10340759	---		7.22776E-06	2.18582	Week 3 up vs Week 1
10494369	NM_153053 // Sf3b4 // splicing factor 3b, subunit 4 // 3 F2.1 // 107701 /// ENSM	Sf3b4	7.89222E-07	2.18709	Week 3 up vs Week 1
10530998	NM_178730 // Tmprss11f // transmembrane protease, serine 11f // 5 E1 // 243083 /	Tmprss11f	0.000807019	2.18732	Week 3 up vs Week 1
10564290	NM_021366 // Klf13 // Kruppel-like factor 13 // 7 C // 50794 /// ENSMUST00000063	Klf13	1.06679E-10	2.18856	Week 3 up vs Week 1
10404063	NM_175660 // Hist1h2ab // histone cluster 1, H2ab // --- // 319172 /// BC117110	Hist1h2ab	4.17787E-05	2.18953	Week 3 up vs Week 1
10582069	NM_028725 // Sdr42e1 // short chain dehydrogenase/reductase family 42E, member 1	Sdr42e1	4.30255E-05	2.19111	Week 3 up vs Week 1
10339994	---		0.0118811	2.19237	Week 3 up vs Week 1
10581664	NM_029646 // Il34 // interleukin 34 // 8 E1 // 76527 /// NM_001135100 // Il34 //	Il34	6.57598E-08	2.19409	Week 3 up vs Week 1
10396800	ENSMUST00000039928 // Plekhh1 // pleckstrin homology domain containing, family H	Plekhh1	2.97075E-07	2.19581	Week 3 up vs Week 1
10362201	NM_010217 // Ctgf // connective tissue growth factor // 10 A3-B1|10 17.0 cM // 1	Ctgf	0.00136085	2.19617	Week 3 up vs Week 1
10393926	NM_026428 // Dcxr // dicarbonyl L-xylulose reductase // 11 E2 // 67880 /// ENSMU	Dcxr	2.60276E-09	2.19804	Week 3 up vs Week 1
10584835	NM_176993 // Mpzl3 // myelin protein zero-like 3 // 9 A5.2 // 319742 /// NM_0010	Mpzl3	3.32583E-06	2.19824	Week 3 up vs Week 1
10338202	---		1.61111E-08	2.199	Week 3 up vs Week 1
10438738	NM_009744 // Bcl6 // B-cell leukemia/lymphoma 6 // 16 B1|16 13.9 cM // 12053 ///	Bcl6	2.2675E-08	2.20084	Week 3 up vs Week 1
10341131	---		0.0171981	2.2009	Week 3 up vs Week 1
10463632	NM_029186 // Tmem180 // transmembrane protein 180 // 19 D1 // 75146 /// ENSMUST0	Tmem180	2.66169E-10	2.20141	Week 3 up vs Week 1
10340808	---		1.63775E-05	2.20206	Week 3 up vs Week 1

10507798	NM_008506 // Mycl1 // v-myc myelocytomatosis viral oncogene homolog 1, lung carc	Mycl1	5.01707E-08	2.20208	Week 3 up vs Week 1
10542872	NR_003634 // Rps4y2 // ribosomal protein S4, Y-linked 2 // 6 G3 // 66184	Rps4y2	2.19453E-10	2.20228	Week 3 up vs Week 1
10457628	NM_199055 // Chst9 // carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase	Chst9	0.000822449	2.20504	Week 3 up vs Week 1
10444830	NM_010394 // H2-Q7 // histocompatibility 2, Q region locus 7 // 17 B1|17 19.19 c	H2-Q7	3.5E-14	2.20571	Week 3 up vs Week 1
10338834	---		0.000792592	2.20674	Week 3 up vs Week 1
10527101	NM_199068 // Foxk1 // forkhead box K1 // 5 G2|5 82.0 cM // 17425 /// ENSMUST0000	Foxk1	1.0966E-11	2.20784	Week 3 up vs Week 1
10339629	---		3.2611E-06	2.20792	Week 3 up vs Week 1
10477920	NM_172118 // Myl9 // myosin, light polypeptide 9, regulatory // 2 H1 // 98932 //	Myl9	0.00643021	2.20874	Week 3 up vs Week 1
10515797	NM_172383 // Tmem125 // transmembrane protein 125 // 4 D2.1 // 230678 /// ENSMUS	Tmem125	2.74495E-08	2.20972	Week 3 up vs Week 1
10531009	NM_177024 // Tmprss11b // transmembrane protease, serine 11b // 5 E1 // 319875 /	Tmprss11b	0.0120159	2.21151	Week 3 up vs Week 1
10434229	NM_013805 // Cldn5 // claudin 5 // 16 A3|16 11.65 cM // 12741 /// ENSMUST0000004	Cldn5	3.70113E-05	2.21169	Week 3 up vs Week 1
10465651	NM_007928 // Mark2 // MAP/microtubule affinity-regulating kinase 2 // 19 B|19 3.	Mark2	2.04282E-08	2.21228	Week 3 up vs Week 1
10510574	NM_133753 // Errfi1 // ERBB receptor feedback inhibitor 1 // 4 E1 // 74155 /// E	Errfi1	5.74125E-09	2.2124	Week 3 up vs Week 1
10339985	---		0.000161075	2.21289	Week 3 up vs Week 1
10398996	NM_024223 // Crip2 // cysteine rich protein 2 // 12 F1|12 58.7 cM // 68337 /// E	Crip2	4.50791E-05	2.21377	Week 3 up vs Week 1
10527012	NM_008494 // Lfng // LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferas	Lfng	2.57577E-10	2.21403	Week 3 up vs Week 1
10340446	---		0.000872529	2.21411	Week 3 up vs Week 1
10339254	---		6.76981E-05	2.21428	Week 3 up vs Week 1
10364984	NM_010731 // Zbtb7a // zinc finger and BTB domain containing 7a // 10 B5.3 // 16	Zbtb7a	2.0559E-08	2.2188	Week 3 up vs Week 1
10575799	NM_172285 // Plcg2 // phospholipase C, gamma 2 // 8 E1 // 234779 /// ENSMUST0000	Plcg2	1E-15	2.22127	Week 3 up vs Week 1
10425283	NM_010755 // Maff // v-maf musculoaponeurotic fibrosarcoma oncogene family, prot	Maff	6.85E-13	2.22168	Week 3 up vs Week 1
10349174	NM_011459 // Serpinb8 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb8	0.000633118	2.22424	Week 3 up vs Week 1
10376803	NM_178618 // Fam83g // family with sequence similarity 83, member G // 11 B2 //	Fam83g	3.8535E-06	2.22428	Week 3 up vs Week 1
10349876	NM_182930 // Plekha6 // pleckstrin homology domain containing, family A member 6	Plekha6	6.28517E-09	2.2251	Week 3 up vs Week 1
10607752	NM_009759 // Bmx // BMX non-receptor tyrosine kinase // X F // 12169 /// ENSMUST	Bmx	2.65301E-08	2.22732	Week 3 up vs Week 1
10410776	---		0.00171803	2.22904	Week 3 up vs Week 1
10472916	NM_025866 // Cdca7 // cell division cycle associated 7 // 2 C3 // 66953 /// ENSM	Cdca7	8.97044E-05	2.22972	Week 3 up vs Week 1
10584615	NM_021424 // Pvrl1 // poliovirus receptor-related 1 // 9 B // 58235 /// ENSMUST0	Pvrl1	7.9407E-07	2.23037	Week 3 up vs Week 1
10433885	NM_007679 // Cebpd // CCAAT/enhancer binding protein (C/EBP), delta // 16 A2|16	Cebpd	1.3903E-09	2.23235	Week 3 up vs Week 1
10490384	NM_001081171 // Lama5 // laminin, alpha 5 // 2 H4|2 106.0 cM // 16776 /// ENSMUS	Lama5	4.448E-12	2.23286	Week 3 up vs Week 1
10393166	NM_009180 // St6galnac2 // ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,	St6galnac2	1.1453E-08	2.23375	Week 3 up vs Week 1
10342380	---		0.000106459	2.23398	Week 3 up vs Week 1
10366476	NM_029928 // Ptprb // protein tyrosine phosphatase, receptor type, B // 10 D2 //	Ptprb	0.00288337	2.23513	Week 3 up vs Week 1
10369474	NM_010124 // Eif4ebp2 // eukaryotic translation initiation factor 4E binding pro	Eif4ebp2	9.32E-13	2.23528	Week 3 up vs Week 1
10438272	NM_011172 // Prodh // proline dehydrogenase // 16 A3|16 10.73 cM // 19125 /// EN	Prodh	1.26607E-10	2.23555	Week 3 up vs Week 1
10404359	NM_153546 // Mboat1 // membrane bound O-acyltransferase domain containing 1 // 1	Mboat1	1.20705E-05	2.23621	Week 3 up vs Week 1
10446074	NM_010931 // Uhrf1 // ubiquitin-like, containing PHD and RING finger domains, 1	Uhrf1	4.83967E-05	2.23702	Week 3 up vs Week 1
10565962	NM_008773 // P2ry2 // purinergic receptor P2Y, G-protein coupled 2 // 7 F1 // 18	P2ry2	1.98739E-05	2.23727	Week 3 up vs Week 1
10520362	NM_153526 // Insig1 // insulin induced gene 1 // 5 B1 // 231070 /// ENSMUST00000	Insig1	0.000190181	2.23917	Week 3 up vs Week 1
10579525	NM_032398 // Plvap // plasmalemma vesicle associated protein // 8 B3.3|8 33.5 cM	Plvap	0.00109331	2.24014	Week 3 up vs Week 1
10457007	NM_025861 // Pqlc1 // PQ loop repeat containing 1 // 18 E3 // 66943 /// ENSMUST0	Pqlc1	4.52E-13	2.24026	Week 3 up vs Week 1
10593123	NM_011526 // Tagln // transgelin // 9 A5.2|9 27.0 cM // 21345 /// ENSMUST0000003	Tagln	0.00250591	2.24232	Week 3 up vs Week 1
10496438	NM_007409 // Adh1 // alcohol dehydrogenase 1 (class I) // 3 G3|3 71.2 cM // 1152	Adh1	0.000604092	2.24299	Week 3 up vs Week 1
10342403	---		6.01461E-05	2.24371	Week 3 up vs Week 1
10348906	NM_001039219 // Gm6086 // predicted gene 6086 // 1 D|1 // 619597 /// ENSMUST0000	Gm6086	3.02137E-08	2.24382	Week 3 up vs Week 1
10339306	---		1.26119E-06	2.24445	Week 3 up vs Week 1
10373890	NM_134023 // Tbc1d10a // TBC1 domain family, member 10a // 11 A1 // 103724 /// E	Tbc1d10a	1.1121E-11	2.24466	Week 3 up vs Week 1
10569038	NM_178381 // Ano9 // anoctamin 9 // 7 F5 // 71345	Ano9	3.15899E-07	2.25037	Week 3 up vs Week 1
10428089	NM_145469 // Nipal2 // NIPA-like domain containing 2 // 15 B3.1 // 223473 /// EN	Nipal2	3.08749E-05	2.25099	Week 3 up vs Week 1
10339304	---		1.52314E-06	2.25129	Week 3 up vs Week 1
10401698	AF525300 // 6430527G18Rik // RIKEN cDNA 6430527G18 gene // 12 D2 // 238330 /// B	6430527G18Rik	5.69E-13	2.25151	Week 3 up vs Week 1
10533213	NM_145226 // Oas3 // 2'-5' oligoadenylate synthetase 3 // 5 F|5 67.1 cM // 24672	Oas3	0.000117675	2.2517	Week 3 up vs Week 1
10343866	---		0.00234613	2.25302	Week 3 up vs Week 1
10437073	NM_133229 // Ripply3 // ripply3 homolog (zebrafish) // 16 C4 // 170765 /// ENSMU	Ripply3	2.14853E-07	2.25409	Week 3 up vs Week 1
10516266	NM_153159 // Zc3h12a // zinc finger CCCH type containing 12A // 4 D2.2 // 230738	Zc3h12a	4.67938E-10	2.2542	Week 3 up vs Week 1
10453939	NM_010680 // Lama3 // laminin, alpha 3 // 18 A|18 3.0 cM // 16774 /// ENSMUST000	Lama3	0.000058748	2.25595	Week 3 up vs Week 1
10343184	---		6.49565E-06	2.2582	Week 3 up vs Week 1
10344036	---		2.54784E-06	2.25851	Week 3 up vs Week 1
10341399	---		8.73146E-08	2.26026	Week 3 up vs Week 1
10340723	---		0.000311923	2.26125	Week 3 up vs Week 1
10376201	NM_001083929 // Gpx3 // glutathione peroxidase 3 // 11 B3-B5 // 14778 /// NM_008	Gpx3	0.00136795	2.2618	Week 3 up vs Week 1
10425138	NM_009164 // Sh3bp1 // SH3-domain binding protein 1 // 15 E1 // 20401 /// ENSMUS	Sh3bp1	1.5257E-08	2.26259	Week 3 up vs Week 1
10533246	NM_011852 // Oas1g // 2'-5' oligoadenylate synthetase 1G // 5 F|5 67.0 cM // 239	Oas1g	9.27801E-06	2.263	Week 3 up vs Week 1
10541895	NM_011609 // Tnfrsf1a // tumor necrosis factor receptor superfamily, member 1a /	Tnfrsf1a	8.4E-13	2.26403	Week 3 up vs Week 1
10483199	NM_177074 // Slc38a11 // solute carrier family 38, member 11 // 2 C1.3 // 320106	Slc38a11	3.08659E-05	2.26451	Week 3 up vs Week 1

10430166	NM_029419 // Apol7a // apolipoprotein L 7a // 15 E1 // 75761 /// ENSMUST00000109	Apol7a	2.83325E-06	2.26581	Week 3 up vs Week 1
10444814	NM_001143689 // H2-gs10 // MHC class I like protein GS10 // 17 B1|17 // 436493 /	H2-gs10	6.1299E-10	2.26673	Week 3 up vs Week 1
10408074	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_153	Hist1h4b	1.41071E-06	2.26816	Week 3 up vs Week 1
10480275	NM_028757 // Nebl // nebulette // 2 A2 // 74103 /// ENSMUST00000028080 // Nebl /	Nebl	6.21599E-09	2.26919	Week 3 up vs Week 1
10343059	---		0.000220591	2.26932	Week 3 up vs Week 1
10339884	---		0.000287191	2.26945	Week 3 up vs Week 1
10339497	---		1.06935E-05	2.27126	Week 3 up vs Week 1
10495147	NM_001093754 // Dennd2d // DENN/MADD domain containing 2D // 3 F2.3 // 72121 ///	Dennd2d	1.06074E-05	2.27304	Week 3 up vs Week 1
10411226	NM_007974 // F2rl1 // coagulation factor II (thrombin) receptor-like 1 // 13 D1|	F2rl1	1.21055E-07	2.27561	Week 3 up vs Week 1
10343224	---		0.0197671	2.27717	Week 3 up vs Week 1
10443408	NM_011950 // Mapk13 // mitogen-activated protein kinase 13 // 17 A3-B // 26415 /	Mapk13	1.01586E-06	2.27743	Week 3 up vs Week 1
10339005	---		2.98999E-05	2.27844	Week 3 up vs Week 1
10449775	NM_008716 // Notch3 // Notch gene homolog 3 (Drosophila) // 17 B1|17 20.0 cM //	Notch3	6.53E-13	2.27857	Week 3 up vs Week 1
10603109	NM_011081 // Piga // phosphatidylinositol glycan anchor biosynthesis, class A //	Piga	0.000721665	2.27866	Week 3 up vs Week 1
10561212	NM_175641 // Ltbp4 // latent transforming growth factor beta binding protein 4 /	Ltbp4	1.04616E-06	2.27894	Week 3 up vs Week 1
10338795	---		2.66895E-06	2.27905	Week 3 up vs Week 1
10540028	NM_023184 // Klf15 // Kruppel-like factor 15 // 6 D1 // 66277 /// ENSMUST0000003	Klf15	1.4577E-11	2.27963	Week 3 up vs Week 1
10452770	NM_001033444 // Capn13 // calpain 13 // 17 E2 // 381122 /// ENSMUST00000095208 /	Capn13	0.000233864	2.28076	Week 3 up vs Week 1
10389786	NM_172563 // Hlf // hepatic leukemia factor // 11 C-D|11 52.0 cM // 217082 /// E	Hlf	3.15285E-08	2.28305	Week 3 up vs Week 1
10343362	---		0.000201783	2.28323	Week 3 up vs Week 1
10342570	---		0.00666309	2.28558	Week 3 up vs Week 1
10421810	NM_025427 // 1190002H23Rik // RIKEN cDNA 1190002H23 gene // 14 D3 // 66214 /// E	1190002H23Rik	8.20287E-08	2.29149	Week 3 up vs Week 1
10340429	---		1.46632E-07	2.29503	Week 3 up vs Week 1
10340926	---		0.00215875	2.296	Week 3 up vs Week 1
10450699	AB359227 // H2-Q2 // histocompatibility 2, Q region locus 2 // 17 B1|17 19.15 cM	H2-Q2	4.39E-13	2.2993	Week 3 up vs Week 1
10339852	---		0.00421545	2.2997	Week 3 up vs Week 1
10450154	NM_010378 // H2-Aa // histocompatibility 2, class II antigen A, alpha // 17 B1|1	H2-Aa	2.24868E-06	2.30131	Week 3 up vs Week 1
10460423	NM_021287 // Spnb3 // spectrin beta 3 // 19 A|19 0.0 cM // 20743 /// ENSMUST0000	Spnb3	2.39195E-05	2.3033	Week 3 up vs Week 1
10340279	---		0.000012274	2.30341	Week 3 up vs Week 1
10475517	ENSMUST00000047498 // AA467197 // expressed sequence AA467197 // 2 E5 // 433470	AA467197	2.00488E-06	2.30354	Week 3 up vs Week 1
10543895	BC075651 // 2010107G12Rik // RIKEN cDNA 2010107G12 gene // 6 B1 // 243753 /// EN	2010107G12Rik	2.87921E-07	2.30674	Week 3 up vs Week 1
10427026	NM_019518 // Grasp // GRP1 (general receptor for phosphoinositides 1)-associated	Grasp	2.94538E-06	2.30992	Week 3 up vs Week 1
10341061	---		3.19721E-05	2.31141	Week 3 up vs Week 1
10343305	---		0.000867808	2.31244	Week 3 up vs Week 1
10343411	---		2.70495E-07	2.31257	Week 3 up vs Week 1
10344557	---		4.53243E-06	2.31264	Week 3 up vs Week 1
10499378	NM_013658 // Sema4a // sema domain, immunoglobulin domain (Ig), transmembrane do	Sema4a	2.02072E-07	2.31302	Week 3 up vs Week 1
10534667	NM_008871 // Serpine1 // serine (or cysteine) peptidase inhibitor, clade E, memb	Serpine1	6.33549E-10	2.31373	Week 3 up vs Week 1
10561485	NM_027470 // Pak4 // p21 protein (Cdc42/Rac)-activated kinase 4 // 7 A3 // 70584	Pak4	1.18528E-09	2.3139	Week 3 up vs Week 1
10529605	NM_011716 // Wfs1 // Wolfram syndrome 1 homolog (human) // 5 B3 // 22393 /// ENS	Wfs1	3.83053E-10	2.31407	Week 3 up vs Week 1
10545921	NM_010751 // Mxd1 // MAX dimerization protein 1 // 6 D1|6 35.3 cM // 17119 /// E	Mxd1	4.65682E-07	2.31579	Week 3 up vs Week 1
10343020	---		5.24046E-05	2.3159	Week 3 up vs Week 1
10351825	NM_178598 // Tagln2 // transgelin 2 // 1 H3|1 94.2 cM // 21346 /// ENSMUST000001	Tagln2	4.73329E-08	2.31674	Week 3 up vs Week 1
10343794	---		5.32921E-05	2.31731	Week 3 up vs Week 1
10388532	NM_008750 // Nxn // nucleoredoxin // 11 B5|11 45.2 cM // 18230 /// ENSMUST000000	Nxn	1.64949E-08	2.3185	Week 3 up vs Week 1
10340114	---		2.98752E-06	2.32018	Week 3 up vs Week 1
10355967	NM_183027 // Ap1s3 // adaptor-related protein complex AP-1, sigma 3 // 1 C4 // 2	Ap1s3	3.80516E-05	2.32054	Week 3 up vs Week 1
10568115	NM_080638 // Mvp // major vault protein // 7 F4 // 78388 /// ENSMUST00000032919	Mvp	4.37668E-10	2.32179	Week 3 up vs Week 1
10569646	NM_007631 // Ccnd1 // cyclin D1 // 7 F5|7 72.3 cM // 12443 /// ENSMUST0000009396	Ccnd1	5.11017E-06	2.3221	Week 3 up vs Week 1
10507539	NM_019422 // Elovl1 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl1	2.96497E-09	2.32211	Week 3 up vs Week 1
10343533	---		0.00459331	2.32257	Week 3 up vs Week 1
10448676	NM_023055 // Slc9a3r2 // solute carrier family 9 (sodium/hydrogen exchanger), me	Slc9a3r2	1.61084E-05	2.32361	Week 3 up vs Week 1
10358787	NM_008485 // Lamc2 // laminin, gamma 2 // 1 H1|1 81.1 cM // 16782 /// ENSMUST000	Lamc2	1.16834E-06	2.3247	Week 3 up vs Week 1
10534889	NM_178162 // Agfg2 // ArfGAP with FG repeats 2 // 5 G2 // 231801 /// NM_145566 /	Agfg2	1.26706E-07	2.32514	Week 3 up vs Week 1
10403957	NM_175657 // Hist1h4m // histone cluster 1, H4m // 13 A3.1 // 319161 /// NM_1781	Hist1h4m	9.89705E-07	2.32581	Week 3 up vs Week 1
10408092	NM_175657 // Hist1h4m // histone cluster 1, H4m // 13 A3.1 // 319161 /// NM_1781	Hist1h4m	9.89705E-07	2.32581	Week 3 up vs Week 1
10580181	---		5.3864E-11	2.32602	Week 3 up vs Week 1
10562181	NM_017405 // Lsr // lipolysis stimulated lipoprotein receptor // 7 B1 // 54135 /	Lsr	1.51104E-10	2.32824	Week 3 up vs Week 1
10524588	NM_026718 // Ankrd13a // ankyrin repeat domain 13a // 5 F // 68420 /// ENSMUST00	Ankrd13a	1.52001E-10	2.33012	Week 3 up vs Week 1
10603087	NM_027153 // Pir // pirin // X F5 // 69656 /// ENSMUST00000033749 // Pir // piri	Pir	3.76402E-07	2.33084	Week 3 up vs Week 1
10603911	---		0.000271904	2.33123	Week 3 up vs Week 1
10351873	NM_175026 // Pyhin1 // pyrin and HIN domain family, member 1 // 1 H3 // 236312 /	Pyhin1	8.73999E-05	2.33352	Week 3 up vs Week 1
10586744	NM_007585 // Anxa2 // annexin A2 // 9 C|9 37.0 cM // 12306 /// ENSMUST0000003475	Anxa2	1.8395E-06	2.33467	Week 3 up vs Week 1
10340930	---		0.000275816	2.33479	Week 3 up vs Week 1
10560618	NM_007469 // Apoc1 // apolipoprotein C-I // 7 A3|7 4.0 cM // 11812 /// NM_001110	Apoc1	4.57892E-06	2.33503	Week 3 up vs Week 1

10499560	NM_001037722 // Adam15 // a disintegrin and metallopeptidase domain 15 (metargid	Adam15	0	2.33534	Week 3 up vs Week 1
10381962	NM_207624 // Ace // angiotensin I converting enzyme (peptidyl-dipeptidase A) 1 /	Ace	8.30038E-06	2.33537	Week 3 up vs Week 1
10338517	---		9.98155E-07	2.33541	Week 3 up vs Week 1
10516487	NM_008127 // Gjb4 // gap junction protein, beta 4 // 4 D1-D3|4 57.5 cM // 14621	Gjb4	2.03907E-09	2.33571	Week 3 up vs Week 1
10432032	NM_009504 // Vdr // vitamin D receptor // 15 F1 // 22337 /// ENSMUST00000023119	Vdr	9.40828E-08	2.33668	Week 3 up vs Week 1
10411668	NM_008756 // Ocln // occludin // 13 D1|13 55.9 cM // 18260 /// ENSMUST0000006975	Ocln	7.95005E-08	2.33674	Week 3 up vs Week 1
10561128	NM_028775 // Cyp2s1 // cytochrome P450, family 2, subfamily s, polypeptide 1 //	Cyp2s1	5.77467E-07	2.33823	Week 3 up vs Week 1
10376060	NM_008390 // Irf1 // interferon regulatory factor 1 // 11 B1.3|11 29.0 cM // 163	Irf1	4.12339E-05	2.33925	Week 3 up vs Week 1
10500204	NM_007899 // Ecm1 // extracellular matrix protein 1 // 3 F2.1|3 45.4 cM // 13601	Ecm1	1.35854E-07	2.34008	Week 3 up vs Week 1
10540472	NM_011498 // Bhlhe40 // basic helix-loop-helix family, member e40 // 6 E-F1 // 2	Bhlhe40	5.5809E-09	2.34043	Week 3 up vs Week 1
10432746	NM_133357 // Krt75 // keratin 75 // 15 F2|15 58.75 cM // 109052 /// ENSMUST00000	Krt75	8.78493E-05	2.34197	Week 3 up vs Week 1
10445664	NM_146079 // Guca1b // guanylate cyclase activator 1B // 17 C // 107477 /// ENSM	Guca1b	2.07527E-05	2.34354	Week 3 up vs Week 1
10393341	NM_172572 // Rhbdf2 // rhomboid 5 homolog 2 (Drosophila) // 11 E2 // 217344 ///	Rhbdf2	1.00486E-09	2.34372	Week 3 up vs Week 1
10360522	NM_007422 // Adss // adenylosuccinate synthetase, non muscle // 1 H4 // 11566 //	Adss	1.30581E-05	2.34669	Week 3 up vs Week 1
10550978	NM_001102613 // Phldb3 // pleckstrin homology-like domain, family B, member 3 //	Phldb3	7.97592E-09	2.34688	Week 3 up vs Week 1
10552252	NM_001085385 // 1600014C10Rik // RIKEN cDNA 1600014C10 gene // 7 B1 // 72244 ///	1600014C10Rik	3.32394E-05	2.34744	Week 3 up vs Week 1
10474793	NM_001033254 // Pak6 // p21 protein (Cdc42/Rac)-activated kinase 6 // 2 E5 // 21	Pak6	5.52248E-07	2.34984	Week 3 up vs Week 1
10607738	NM_181315 // Car5b // carbonic anhydrase 5b, mitochondrial // X F5 // 56078 ///	Car5b	0.000748993	2.35212	Week 3 up vs Week 1
10338659	---		2.92484E-07	2.35295	Week 3 up vs Week 1
10526145	BC033455 // 0610007L01Rik // RIKEN cDNA 0610007L01 gene // 5 F // 71667 /// NM_0	0610007L01Rik	3.1534E-08	2.35296	Week 3 up vs Week 1
10439936	NM_030612 // Nfkbiz // nuclear factor of kappa light polypeptide gene enhancer i	Nfkbiz	3.95004E-08	2.35731	Week 3 up vs Week 1
10487994	NM_198029 // Fermt1 // fermitin family homolog 1 (Drosophila) // 2 F2 // 241639	Fermt1	0.000513751	2.35768	Week 3 up vs Week 1
10355536	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961 /// ENSMUST00000050681	Tns1	0.000115549	2.35796	Week 3 up vs Week 1
10546001	BC116955 // 1190003M12Rik // RIKEN cDNA 1190003M12 gene // 6 D1 // 68888 /// ENS	1190003M12Rik	5.45543E-07	2.36012	Week 3 up vs Week 1
10534945	NM_007819 // Cyp3a13 // cytochrome P450, family 3, subfamily a, polypeptide 13 /	Cyp3a13	0.000171555	2.36036	Week 3 up vs Week 1
10458534	NM_029357 // Pcdh1 // protocadherin 1 // 18 B3 // 75599 /// ENSMUST00000057185 /	Pcdh1	8.69667E-10	2.36068	Week 3 up vs Week 1
10411633	NM_008670 // Naip1 // NLR family, apoptosis inhibitory protein 1 // 13 D1-D3|13	Naip1	1.02873E-06	2.36172	Week 3 up vs Week 1
10493990	NM_016740 // S100a11 // S100 calcium binding protein A11 (calgizzarin) // 3 E-F	S100a11	6.12432E-07	2.3666	Week 3 up vs Week 1
10460400	NM_008797 // Pcx // pyruvate carboxylase // 19 A|19 0.0 cM // 18563 /// ENSMUST0	Pcx	2.23748E-08	2.36967	Week 3 up vs Week 1
10343659	---		5.81755E-06	2.37499	Week 3 up vs Week 1
10591494	NM_053190 // S1pr5 // sphingosine-1-phosphate receptor 5 // 9 A4 // 94226 /// EN	S1pr5	7.09918E-08	2.37719	Week 3 up vs Week 1
10340479	---		4.9573E-07	2.37754	Week 3 up vs Week 1
10340438	---		8.50742E-07	2.37758	Week 3 up vs Week 1
10396402	NM_008856 // Prkch // protein kinase C, eta // 12 C3-D1 // 18755 /// ENSMUST0000	Prkch	5.79468E-08	2.38029	Week 3 up vs Week 1
10349580	NM_011082 // Pigr // polymeric immunoglobulin receptor // 1 E3|1 68.2 cM // 1870	Pigr	1.3272E-07	2.38122	Week 3 up vs Week 1
10343467	---		0.00453403	2.38171	Week 3 up vs Week 1
10555389	NM_011671 // Ucp2 // uncoupling protein 2 (mitochondrial, proton carrier) // 7 E	Ucp2	1.17105E-09	2.38258	Week 3 up vs Week 1
10551226	NM_009997 // Cyp2a4 // cytochrome P450, family 2, subfamily a, polypeptide 4 //	Cyp2a4	0.00272139	2.38437	Week 3 up vs Week 1
10582275	NM_011404 // Slc7a5 // solute carrier family 7 (cationic amino acid transporter,	Slc7a5	1.16722E-07	2.38487	Week 3 up vs Week 1
10390117	NM_013565 // Itga3 // integrin alpha 3 // 11 D|11 56.0 cM // 16400 /// ENSMUST00	Itga3	1.75723E-07	2.38507	Week 3 up vs Week 1
10340483	---		1.83644E-05	2.38661	Week 3 up vs Week 1
10344519	---		8.18563E-09	2.38669	Week 3 up vs Week 1
10382106	BC139224 // Gm885 // predicted gene 885 // 11 E1 // 380732 /// BC139225 // Gm885	Gm885	9.83828E-05	2.38716	Week 3 up vs Week 1
10544932	NM_009349 // Inmt // indolethylamine N-methyltransferase // 6 B3 // 21743 /// EN	Inmt	0.000880065	2.38773	Week 3 up vs Week 1
10364375	NM_007793 // Cstb // cystatin B // 10 C1|10 42.0 cM // 13014 /// ENSMUST00000005	Cstb	4.47115E-06	2.38941	Week 3 up vs Week 1
10449191	NM_015830 // Solh // small optic lobes homolog (Drosophila) // 17 A3 // 50817 //	Solh	5.853E-12	2.38969	Week 3 up vs Week 1
10493995	NM_009112 // S100a10 // S100 calcium binding protein A10 (calpactin) // 3 F1-F2|	S100a10	6.40538E-07	2.39138	Week 3 up vs Week 1
10344372	---		0.00142072	2.39226	Week 3 up vs Week 1
10366848	NM_008080 // B4galnt1 // beta-1,4-N-acetyl-galactosaminyl transferase 1 // 10 D3	B4galnt1	4.46185E-10	2.39233	Week 3 up vs Week 1
10480570	NM_001162485 // Arrdc1 // arrestin domain containing 1 // 2 A3 // 215705 /// NM_	Arrdc1	6.21341E-09	2.39639	Week 3 up vs Week 1
10397351	NM_030887 // Jdp2 // Jun dimerization protein 2 // 12 D3 // 81703 /// ENSMUST000	Jdp2	1.11891E-10	2.3964	Week 3 up vs Week 1
10352838	NM_008484 // Lamb3 // laminin, beta 3 // 1 H2-H6|1 104.0 cM // 16780 /// ENSMUST	Lamb3	8.19277E-07	2.39879	Week 3 up vs Week 1
10340952	---		0.00276528	2.39886	Week 3 up vs Week 1
10580469	NM_019626 // Cbln1 // cerebellin 1 precursor protein // 8 C3|8 40.0 cM // 12404	Cbln1	5.55874E-05	2.39922	Week 3 up vs Week 1
10344388	---		7.48774E-07	2.40018	Week 3 up vs Week 1
10524866	NM_001033311 // BC023744 // cDNA sequence BC023744 // 5 F // 231668 /// ENSMUST0	BC023744	5.1567E-11	2.40173	Week 3 up vs Week 1
10465649	NM_007928 // Mark2 // MAP/microtubule affinity-regulating kinase 2 // 19 B|19 3.	Mark2	1.19072E-10	2.40359	Week 3 up vs Week 1
10520126	NM_008713 // Nos3 // nitric oxide synthase 3, endothelial cell // 5 A3|5 9.0 cM	Nos3	1.94094E-07	2.4068	Week 3 up vs Week 1
10467420	NM_016861 // Pdlim1 // PDZ and LIM domain 1 (elfin) // 19 D1 // 54132 /// ENSMUS	Pdlim1	8.54431E-06	2.40963	Week 3 up vs Week 1
10587699	NM_011245 // Rasgrf1 // RAS protein-specific guanine nucleotide-releasing factor	Rasgrf1	9.08225E-05	2.41278	Week 3 up vs Week 1
10589368	NM_172775 // Plxnb1 // plexin B1 // 9 F2 // 235611 /// ENSMUST00000072093 // Plx	Plxnb1	4.9E-13	2.41654	Week 3 up vs Week 1
10429568	NM_010741 // Ly6c1 // lymphocyte antigen 6 complex, locus C1 // 15 D3|15 42.7 cM	Ly6c1	2.65451E-06	2.41799	Week 3 up vs Week 1
10355567	NM_027154 // Tmbim1 // transmembrane BAX inhibitor motif containing 1 // 1 C3 //	Tmbim1	1.62751E-08	2.41879	Week 3 up vs Week 1
10520950	NM_016861 // Pdlim1 // PDZ and LIM domain 1 (elfin) // 19 D1 // 54132 /// ENSMUS	Pdlim1	8.63501E-06	2.42232	Week 3 up vs Week 1
10533198	NM_145227 // Oas2 // 2'-5' oligoadenylate synthetase 2 // 5 F|5 67.2 cM // 24672	Oas2	0.000137733	2.42363	Week 3 up vs Week 1

10341291	---		1.01905E-06	2.42623	Week 3 up vs Week 1
10356601	NM_011066 // Per2 // period homolog 2 (Drosophila) // 1 C5 // 18627 /// ENSMUST0	Per2	1.05037E-10	2.42676	Week 3 up vs Week 1
10380896	NM_001003817 // Erbb2 // v-erb-b2 erythroblastic leukemia viral oncogene homolog	Erbb2	9.16063E-10	2.42826	Week 3 up vs Week 1
10471486	NM_001146350 // Eng // endoglin // 2 B|2 21.4 cM // 13805 /// NM_007932 // Eng /	Eng	0.000819534	2.42954	Week 3 up vs Week 1
10367050	AY053573 // Rdh18 // retinol dehydrogenase 18 // 10 D3 // 380674 /// ENSMUST0000	Rdh18	0.000605413	2.42961	Week 3 up vs Week 1
10540122	NM_009320 // Slc6a6 // solute carrier family 6 (neurotransmitter transporter, ta	Slc6a6	2.32946E-09	2.43082	Week 3 up vs Week 1
10450369	NM_010479 // Hspa1a // heat shock protein 1A // 17 B1 // 193740 /// ENSMUST00000	Hspa1a	3.84618E-05	2.43083	Week 3 up vs Week 1
10417561	NM_183187 // Fam107a // family with sequence similarity 107, member A // 14 A1 /	Fam107a	6.69538E-08	2.43451	Week 3 up vs Week 1
10518069	NM_025994 // Efhd2 // EF hand domain containing 2 // 4 E1|4 69.8 cM // 27984 ///	Efhd2	1.43804E-09	2.43646	Week 3 up vs Week 1
10434815	NM_001127259 // Trp63 // transformation related protein 63 // 16 B1|16 19.3 cM /	Trp63	1.37365E-05	2.43849	Week 3 up vs Week 1
10561527	NM_021895 // Actn4 // actinin alpha 4 // 7 A3 // 60595 /// ENSMUST00000068045 //	Actn4	9.40941E-08	2.43877	Week 3 up vs Week 1
10374236	NM_009477 // Upp1 // uridine phosphorylase 1 // 11 A1-2 // 22271 /// NM_00115940	Upp1	9.58135E-06	2.44094	Week 3 up vs Week 1
10559185	NM_018802 // Syt8 // synaptotagmin VIII // 7 F5 // 55925 /// ENSMUST00000118276	Syt8	1.12731E-05	2.44129	Week 3 up vs Week 1
10442311	NM_153784 // Ccdc64b // coiled-coil domain containing 64B // 17 A3.3 // 212733 /	Ccdc64b	2.32795E-09	2.44294	Week 3 up vs Week 1
10515613	NM_011213 // Ptprf // protein tyrosine phosphatase, receptor type, F // 4 C6-D1	Ptprf	4.46435E-08	2.4446	Week 3 up vs Week 1
10343605	---		3.54614E-10	2.44502	Week 3 up vs Week 1
10599956	XM_001474469 // LOC100040304 // similar to syndecan-1 // X A7.1 // 100040304	LOC100040304	2.37436E-07	2.44504	Week 3 up vs Week 1
10450682	NM_010398 // H2-T23 // histocompatibility 2, T region locus 23 // 17 B1|17 19.73	H2-T23	4.5162E-11	2.44517	Week 3 up vs Week 1
10341509	---		2.42833E-06	2.44566	Week 3 up vs Week 1
10339024	---		4.18927E-06	2.44775	Week 3 up vs Week 1
10393373	NM_011371 // St6galnac1 // ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,	St6galnac1	0.000128583	2.44783	Week 3 up vs Week 1
10409352	NR_027395 // Rnf44 // ring finger protein 44 // 13 B1 // 105239 /// NR_027396 //	Rnf44	5.52E-13	2.44881	Week 3 up vs Week 1
10399465	NM_029007 // Fam84a // family with sequence similarity 84, member A // 12 A3 //	Fam84a	0.000470633	2.45096	Week 3 up vs Week 1
10517169	NM_080559 // Sh3bgrl3 // SH3 domain binding glutamic acid-rich protein-like 3 //	Sh3bgrl3	2.28982E-06	2.45319	Week 3 up vs Week 1
10543785	AB041803 // AB041803 // cDNA sequence AB041803 // 6 A3.3 // 232685 /// ENSMUST00	AB041803	1.97297E-10	2.4542	Week 3 up vs Week 1
10486988	NM_145395 // Duoxa1 // dual oxidase maturation factor 1 // 2 E5 // 213696 /// EN	Duoxa1	3.57429E-07	2.45521	Week 3 up vs Week 1
10339597	---		3.06287E-07	2.45658	Week 3 up vs Week 1
10338388	---		6.82373E-05	2.46067	Week 3 up vs Week 1
10343321	---		1.47263E-06	2.46112	Week 3 up vs Week 1
10427095	NM_153533 // Tenc1 // tensin like C1 domain-containing phosphatase // 15 F3|15 5	Tenc1	4.389E-07	2.46258	Week 3 up vs Week 1
10479165	NM_007903 // Edn3 // endothelin 3 // 2 H4|2 104.0 cM // 13616 /// ENSMUST0000002	Edn3	0.00128036	2.46367	Week 3 up vs Week 1
10404402	NM_008239 // Foxq1 // forkhead box Q1 // 13 A3.2|13 17.0 cM // 15220 /// ENSMUST	Foxq1	2.24204E-07	2.46713	Week 3 up vs Week 1
10534716	---		0.000318384	2.46843	Week 3 up vs Week 1
10587315	NM_010357 // Gsta4 // glutathione S-transferase, alpha 4 // 9 E1 // 14860 /// EN	Gsta4	2.2509E-06	2.47006	Week 3 up vs Week 1
10365482	NM_011595 // Timp3 // tissue inhibitor of metalloproteinase 3 // 10 C1|10 C1-D1|	Timp3	0.000467668	2.47051	Week 3 up vs Week 1
10344079	---		5.97321E-07	2.47075	Week 3 up vs Week 1
10603346	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// NM	Plp2	1.17445E-05	2.47097	Week 3 up vs Week 1
10339979	---		8.57745E-08	2.47215	Week 3 up vs Week 1
10478525	NM_026323 // Wfdc2 // WAP four-disulfide core domain 2 // 2 H3 // 67701 /// ENSM	Wfdc2	4.5885E-07	2.47492	Week 3 up vs Week 1
10467508	NM_008528 // Blnk // B-cell linker // 19 C3|19 31.0 cM // 17060 /// ENSMUST00000	Blnk	1.20671E-07	2.47811	Week 3 up vs Week 1
10405355	NM_153131 // Unc5a // unc-5 homolog A (C. elegans) // 13 B1 // 107448 /// ENSMUS	Unc5a	7.67699E-07	2.48	Week 3 up vs Week 1
10359422	NM_007453 // Prdx6 // peroxiredoxin 6 // 1 H2.1|1 83.6 cM // 11758 /// ENSMUST00	Prdx6	4.81654E-06	2.48104	Week 3 up vs Week 1
10457640	NM_016740 // S100a11 // S100 calcium binding protein A11 (calgizzarin) // 3 E-F	S100a11	5.12631E-07	2.48553	Week 3 up vs Week 1
10516481	NM_008120 // Gja4 // gap junction protein, alpha 4 // 4 D2.2|4 57.6 cM // 14612	Gja4	1.83308E-06	2.48587	Week 3 up vs Week 1
10422280	NM_001033336 // Abcc4 // ATP-binding cassette, sub-family C (CFTR/MRP), member 4	Abcc4	4.22788E-10	2.48786	Week 3 up vs Week 1
10453250	---		9.95226E-06	2.49312	Week 3 up vs Week 1
10339401	---		7.03668E-06	2.49373	Week 3 up vs Week 1
10565712	NM_025408 // Acer3 // alkaline ceramidase 3 // 7 E2 // 66190 /// ENSMUST00000033	Acer3	0.000100827	2.49582	Week 3 up vs Week 1
10582376	---		1.463E-12	2.49607	Week 3 up vs Week 1
10465106	NM_019935 // Ovol1 // OVO homolog-like 1 (Drosophila) // 19 A // 18426 /// ENSMU	Ovol1	8.4522E-08	2.499	Week 3 up vs Week 1
10447361	NM_028639 // Ttc7 // tetratricopeptide repeat domain 7 // 17 E4 // 225049 /// EN	Ttc7	1.85174E-09	2.49994	Week 3 up vs Week 1
10454514	NM_144862 // Lims2 // LIM and senescent cell antigen like domains 2 // 18 B1 //	Lims2	2.54763E-06	2.5017	Week 3 up vs Week 1
10538150	NM_025326 // Tmem176a // transmembrane protein 176A // 6 B2.3 // 66058 /// NM_00	Tmem176a	1.40128E-08	2.50371	Week 3 up vs Week 1
10342995	---		7.07163E-05	2.50773	Week 3 up vs Week 1
10547056	NM_144805 // Tmem40 // transmembrane protein 40 // 6 E3 // 94346 /// ENSMUST0000	Tmem40	6.86211E-08	2.51034	Week 3 up vs Week 1
10340999	---		0.000280666	2.51074	Week 3 up vs Week 1
10343181	---		7.07721E-07	2.51075	Week 3 up vs Week 1
10340781	---		2.36903E-08	2.51183	Week 3 up vs Week 1
10357072	NM_009126 // Serpinb3a // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb3a	0.000180098	2.51281	Week 3 up vs Week 1
10437885	NM_013607 // Myh11 // myosin, heavy polypeptide 11, smooth muscle // 16 A1|16 5.	Myh11	0.00225417	2.51302	Week 3 up vs Week 1
10443764	NM_153062 // Slc37a1 // solute carrier family 37 (glycerol-3-phosphate transport	Slc37a1	4.61661E-09	2.51889	Week 3 up vs Week 1
10339475	---		9.03E-13	2.51939	Week 3 up vs Week 1
10570741	NM_007843 // Defb1 // defensin beta 1 // 8 A4|8 9.0 cM // 13214 /// ENSMUST00000	Defb1	0.000238237	2.52096	Week 3 up vs Week 1
10531022	NM_172880 // Tmprss11e // transmembrane protease, serine 11e // 5 E1 // 243084 /	Tmprss11e	0.00641442	2.52404	Week 3 up vs Week 1
10488655	NM_009743 // Bcl2l1 // BCL2-like 1 // 2 H1|2 87.5 cM // 12048 /// ENSMUST0000010	Bcl2l1	1E-15	2.5259	Week 3 up vs Week 1

10413542	NM_009388 // Tkt // transketolase // 14 B1 // 21881 /// ENSMUST00000022529 // Tk	Tkt	0.00496147	2.53705	Week 3 up vs Week 1
10409170	NM_015759 // Fgd3 // FYVE, RhoGEF and PH domain containing 3 // 13 A5|13 31.0 cM	Fgd3	1.39915E-07	2.53791	Week 3 up vs Week 1
10578203	NM_027998 // Cldn23 // claudin 23 // 8 B1.1 // 71908 /// ENSMUST00000060128 // C	Cldn23	4.27129E-07	2.53926	Week 3 up vs Week 1
10402808	NM_010588 // Jag2 // jagged 2 // 12 F1|12 57.9 cM // 16450 /// ENSMUST0000007582	Jag2	2.525E-12	2.54002	Week 3 up vs Week 1
10361133	---		1.54009E-10	2.54231	Week 3 up vs Week 1
10564539	NM_001024703 // Mctp2 // multiple C2 domains, transmembrane 2 // 7 D1 // 244049	Mctp2	0.000926376	2.54547	Week 3 up vs Week 1
10600131	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	0.000123264	2.54784	Week 3 up vs Week 1
10408861	NM_175417 // 9530008L14Rik // RIKEN cDNA 9530008L14 gene // 13 A4 // 109254 ///	9530008L14Rik	0.00493598	2.54924	Week 3 up vs Week 1
10604984	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	5.75059E-05	2.55003	Week 3 up vs Week 1
10385709	NM_145974 // C330016O10Rik // RIKEN cDNA C330016O10 gene // 11 B1.3 // 212706 //	C330016O10Ril	1.5699E-08	2.55289	Week 3 up vs Week 1
10452316	NM_009778 // C3 // complement component 3 // 17 E1-E3|17 34.3 cM // 12266 /// EN	C3	6.97052E-08	2.55507	Week 3 up vs Week 1
10391914	NM_183288 // Sh3d20 // SH3 domain containing 20 // 11 E1 // 70559 /// BC138292 /	Sh3d20	3.6966E-11	2.56184	Week 3 up vs Week 1
10343141	---		4.34543E-05	2.56505	Week 3 up vs Week 1
10368092	NM_019487 // Hebp2 // heme binding protein 2 // 10 A2 // 56016 /// ENSMUST000000	Hebp2	2.18106E-06	2.56735	Week 3 up vs Week 1
10553092	NM_016974 // Dbp // D site albumin promoter binding protein // 7 B4|7 23.0 cM //	Dbp	5.87685E-10	2.56885	Week 3 up vs Week 1
10456005	NM_001042605 // Cd74 // CD74 antigen (invariant polypeptide of major histocompat	Cd74	3.35183E-09	2.57424	Week 3 up vs Week 1
10425808	NM_009775 // Tspo // translocator protein // 15 E1|15 43.3 cM // 12257 /// ENSMU	Tspo	4.17149E-09	2.57458	Week 3 up vs Week 1
10450075	NM_001001892 // H2-K1 // histocompatibility 2, K1, K region // 17 B1|17 18.44 cM	H2-K1	0	2.57659	Week 3 up vs Week 1
10394954	NM_001161406 // Grhl1 // grainyhead-like 1 (Drosophila) // 12 A1.3 // 195733 ///	Grhl1	0.000001914	2.57987	Week 3 up vs Week 1
10560655	NM_020486 // Bcam // basal cell adhesion molecule // 7 A3 // 57278 /// ENSMUST00	Bcam	3.81E-13	2.58023	Week 3 up vs Week 1
10411359	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// NM	Plp2	6.60293E-06	2.58151	Week 3 up vs Week 1
10573954	ENSMUST00000104947 // Capns2 // calpain, small subunit 2 // 8 C5 // 69543	Capns2	8.97422E-07	2.58692	Week 3 up vs Week 1
10344384	---		8.56697E-06	2.58707	Week 3 up vs Week 1
10342676	---		5.80781E-05	2.58739	Week 3 up vs Week 1
10352827	ENSMUST00000016334 // A130010J15Rik // RIKEN cDNA A130010J15 gene // 1 H6 // 319	A130010J15Rik	2.40017E-05	2.58807	Week 3 up vs Week 1
10561712	NM_011464 // Spint2 // serine protease inhibitor, Kunitz type 2 // 7 B1 // 20733	Spint2	3.81163E-06	2.59001	Week 3 up vs Week 1
10521111	NM_008010 // Fgfr3 // fibroblast growth factor receptor 3 // 5 B|5 20.0 cM // 14	Fgfr3	8.09977E-10	2.59022	Week 3 up vs Week 1
10348670	NM_181405 // Rnpepl1 // arginyl aminopeptidase (aminopeptidase B)-like 1 // 1 D	Rnpepl1	1.149E-12	2.59273	Week 3 up vs Week 1
10355530	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961	Tns1	9.2036E-08	2.593	Week 3 up vs Week 1
10338718	---		3.33619E-06	2.59648	Week 3 up vs Week 1
10431210	NM_009528 // Wnt7b // wingless-related MMTV integration site 7B // 15 E2|15 46.9	Wnt7b	1.87727E-07	2.5974	Week 3 up vs Week 1
10456988	NM_053117 // Pard6g // par-6 partitioning defective 6 homolog gamma (C. elegans)	Pard6g	1.23634E-06	2.59806	Week 3 up vs Week 1
10541799	BC117528 // Lpar5 // lysophosphatidic acid receptor 5 // 6 F2 // 381810 /// ENSM	Lpar5	2.1754E-09	2.59987	Week 3 up vs Week 1
10360684	NM_010145 // Ephx1 // epoxide hydrolase 1, microsomal // 1 H4|1 98.5 cM // 13849	Ephx1	1.4908E-11	2.60087	Week 3 up vs Week 1
10339217	---		2.51156E-10	2.60152	Week 3 up vs Week 1
10502638	NM_178697 // Clca5 // chloride channel calcium activated 5 // 3 H2 // 229933 ///	Clca5	2.82948E-06	2.60774	Week 3 up vs Week 1
10444244	NM_013683 // Tap1 // transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	Tap1	2.32069E-09	2.60921	Week 3 up vs Week 1
10417912	NM_030180 // Usp54 // ubiquitin specific peptidase 54 // 14 A3 // 78787 /// ENSM	Usp54	1.6E-14	2.60939	Week 3 up vs Week 1
10341167	---		7.79754E-07	2.61081	Week 3 up vs Week 1
10444258	NM_010724 // Psmb8 // proteasome (prosome, macropain) subunit, beta type 8 (larg	Psmb8	5.27661E-09	2.61092	Week 3 up vs Week 1
10562856	NM_028021 // Myh14 // myosin, heavy polypeptide 14 // 7 B2 // 71960 /// ENSMUST0	Myh14	2.74691E-06	2.61135	Week 3 up vs Week 1
10341012	---		2.79516E-07	2.61483	Week 3 up vs Week 1
10438592	NM_001083894 // Liph // lipase, member H // 16 B1|16 14.8 cM // 239759 /// NM_15	Liph	0.000429915	2.61753	Week 3 up vs Week 1
10340091	---		5.55022E-06	2.62192	Week 3 up vs Week 1
10398885	NM_001024602 // AW555464 // expressed sequence AW555464 // 12 F1|12 52.67 cM //	AW555464	1.55061E-09	2.62233	Week 3 up vs Week 1
10511309	AK137636 // 9930005F22Rik // RIKEN cDNA 9930005F22 gene // 4 E2 // 435821	9930005F22Rik	2.4953E-11	2.62372	Week 3 up vs Week 1
10420957	NM_001162365 // Ptk2b // PTK2 protein tyrosine kinase 2 beta // 14 D1|14 28.0 cM	Ptk2b	3.75845E-08	2.6245	Week 3 up vs Week 1
10507551	BC022764 // 2610528J11Rik // RIKEN cDNA 2610528J11 gene // 4 D1 // 66451 /// ENS	2610528J11Rik	4.11727E-07	2.6264	Week 3 up vs Week 1
10544108	NM_001033171 // Klrg2 // killer cell lectin-like receptor subfamily G, member 2	Klrg2	5.07444E-07	2.63112	Week 3 up vs Week 1
10407420	NM_019671 // Net1 // neuroepithelial cell transforming gene 1 // 13 A1 // 56349	Net1	6.01366E-08	2.63356	Week 3 up vs Week 1
10490903	NM_024495 // Car13 // carbonic anhydrase 13 // 3 A2 // 71934 /// ENSMUST00000029	Car13	0.000293292	2.6354	Week 3 up vs Week 1
10341430	---		2.28594E-05	2.63839	Week 3 up vs Week 1
10572398	NM_018827 // Crlf1 // cytokine receptor-like factor 1 // 8 0.0 cM // 12931 /// E	Crlf1	1.21006E-09	2.65238	Week 3 up vs Week 1
10426891	NM_027334 // Mettl7a1 // methyltransferase like 7A1 // 15 F3 // 70152 /// ENSMUS	Mettl7a1	1.502E-12	2.65373	Week 3 up vs Week 1
10340630	---		1.01878E-10	2.66551	Week 3 up vs Week 1
10564631	NM_023908 // Slco3a1 // solute carrier organic anion transporter family, member	Slco3a1	2.45632E-10	2.66957	Week 3 up vs Week 1
10375265	NM_176999 // Atp10b // ATPase, class V, type 10B // 11 A5 // 319767 /// ENSMUST0	Atp10b	1.74258E-07	2.67226	Week 3 up vs Week 1
10413733	NM_001025379 // Sema3g // sema domain, immunoglobulin domain (Ig), short basic d	Sema3g	2.88635E-07	2.67295	Week 3 up vs Week 1
10345406	---		6.19834E-07	2.67486	Week 3 up vs Week 1
10462575	NM_023903 // Lipm // lipase, family member M // 19 C1 // 78753 /// ENSMUST000000	Lipm	0.00078558	2.6793	Week 3 up vs Week 1
10338131	---		4.9333E-07	2.68421	Week 3 up vs Week 1
10574220	NM_009142 // Cx3cl1 // chemokine (C-X3-C motif) ligand 1 // 8 C5|8 46.0 cM // 20	Cx3cl1	0	2.68522	Week 3 up vs Week 1
10432907	NM_212487 // Krt78 // keratin 78 // 15 F3 // 332131 /// ENSMUST00000062260 // Kr	Krt78	8.84086E-07	2.68598	Week 3 up vs Week 1
10500272	BC132471 // Gm129 // predicted gene 129 // 3 F2.1 // 229599 /// NM_001033302 //	Gm129	2.0499E-11	2.69573	Week 3 up vs Week 1
10450982	BC089564 // Gpr115 // G protein-coupled receptor 115 // 17 B3 // 78249 /// BC140	Gpr115	3.37268E-07	2.70718	Week 3 up vs Week 1

10537169	NM_009731 // Akr1b7 // aldo-keto reductase family 1, member B7 // 6 B1|6 14.0 cM	Akr1b7	0.000203733	2.70731	Week 3 up vs Week 1
10479925	NM_001159657 // 5430407P10Rik // RIKEN cDNA 5430407P10 gene // 2 A1 // 227545 //	5430407P10Rik	6.01508E-09	2.71256	Week 3 up vs Week 1
10341896	---		6.68667E-06	2.71606	Week 3 up vs Week 1
10588731	NM_009074 // Mst1r // macrophage stimulating 1 receptor (c-met-related tyrosine	Mst1r	1.51327E-07	2.7206	Week 3 up vs Week 1
10509267	NM_009523 // Wnt4 // wingless-related MMTV integration site 4 // 4 D3 // 22417 /	Wnt4	1.41984E-07	2.72313	Week 3 up vs Week 1
10432767	NR_003960 // Gm5478 // predicted gene 5478 // 15 F2|15 // 432987	Gm5478	2.63735E-07	2.72567	Week 3 up vs Week 1
10459225	---		4.01001E-05	2.72664	Week 3 up vs Week 1
10589654	NM_001146059 // Als2cl // ALS2 C-terminal like // 9 F3|9 64.01 cM // 235633 ///	Als2cl	3.953E-12	2.72794	Week 3 up vs Week 1
10341611	---		1.3231E-07	2.72932	Week 3 up vs Week 1
10572097	NM_028182 // Sh2d4a // SH2 domain containing 4A // 8 C1 // 72281 /// ENSMUST0000	Sh2d4a	3.99015E-05	2.72941	Week 3 up vs Week 1
10478114	NM_001145015 // Gm14203 // predicted gene 14203 // 2 H1 // 545481 /// ENSMUST000	Gm14203	2.99845E-10	2.73695	Week 3 up vs Week 1
10447383	NM_008532 // Epcam // epithelial cell adhesion molecule // 17 E4 // 17075 /// EN	Epcam	0.000113152	2.74312	Week 3 up vs Week 1
10377790	NM_153081 // Slc16a11 // solute carrier family 16 (monocarboxylic acid transport	Slc16a11	6.40563E-07	2.7444	Week 3 up vs Week 1
10474467	NM_172979 // Muc15 // mucin 15 // 2 E3 // 269328 /// ENSMUST00000111017 // Muc15	Muc15	0.00117735	2.74458	Week 3 up vs Week 1
10498361	NM_032399 // Gpr87 // G protein-coupled receptor 87 // 3 D // 84111 /// ENSMUST0	Gpr87	0.000650026	2.74804	Week 3 up vs Week 1
10351623	NM_172647 // F11r // F11 receptor // 1 H2|1 93.3 cM // 16456 /// ENSMUST00000043	F11r	1.01447E-07	2.75067	Week 3 up vs Week 1
10551282	XR_033870 // LOC100047728 // similar to Cytochrome P450 2A5 (CYPIIA5) (Coumarin	LOC100047728	0.000183933	2.75076	Week 3 up vs Week 1
10517609	NM_028176 // Cda // cytidine deaminase // 4 D3 // 72269 /// ENSMUST00000030535 /	Cda	1.82269E-08	2.75243	Week 3 up vs Week 1
10500122	NM_134253 // Bnipl // BCL2/adenovirus E1B 19kD interacting protein like // 3 F2.	Bnipl	7.94223E-06	2.75255	Week 3 up vs Week 1
10437451	NM_145359 // Fam100a // family with sequence similarity 100, member A // 16 A1 /	Fam100a	0	2.758	Week 3 up vs Week 1
10343035	---		3.18848E-09	2.76003	Week 3 up vs Week 1
10341245	---		4.51746E-08	2.76325	Week 3 up vs Week 1
10493820	NM_011313 // S100a6 // S100 calcium binding protein A6 (calcyclin) // 3 F1-F2|3	S100a6	1.8841E-06	2.76502	Week 3 up vs Week 1
10548892	NM_007486 // Arhgdib // Rho, GDP dissociation inhibitor (GDI) beta // 6 G1 // 11	Arhgdib	1.69501E-06	2.76727	Week 3 up vs Week 1
10439292	NM_001082546 // BC100530 // cDNA sequence BC100530 // 16 B3 // 100034684 /// NM_	BC100530	0.000196143	2.76775	Week 3 up vs Week 1
10595070	BC120577 // Fam83b // family with sequence similarity 83, member B // 9 D // 208	Fam83b	0.000789854	2.76829	Week 3 up vs Week 1
10473022	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// EN	Plp2	1.97984E-06	2.77053	Week 3 up vs Week 1
10592044	NM_144936 // Tmem45b // transmembrane protein 45b // 9 A4 // 235135 /// ENSMUST0	Tmem45b	7.90302E-05	2.77365	Week 3 up vs Week 1
10343128	---		4.99406E-05	2.77775	Week 3 up vs Week 1
10493798	NM_026416 // S100a16 // S100 calcium binding protein A16 // 3 F1-F2 // 67860 ///	S100a16	8.75589E-07	2.78138	Week 3 up vs Week 1
10443131	NM_080553 // Itpr3 // inositol 1,4,5-triphosphate receptor 3 // 17 A3.3|17 19.0	Itpr3	3.29606E-10	2.7823	Week 3 up vs Week 1
10378409	---		4.02872E-08	2.78756	Week 3 up vs Week 1
10499348	NM_024246 // Tmem79 // transmembrane protein 79 // 3 F1 // 71913 /// ENSMUST0000	Tmem79	5.90593E-08	2.78788	Week 3 up vs Week 1
10368947	NM_172393 // Aim1 // absent in melanoma 1 // 10 B2|10 29.0 cM // 11630 /// ENSMU	Aim1	0.000270965	2.79284	Week 3 up vs Week 1
10525086	NM_133221 // Slc24a6 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a6	5.4261E-11	2.79369	Week 3 up vs Week 1
10541910	NM_011708 // Vwf // Von Willebrand factor homolog // 6 F3|6 60.8 cM // 22371 ///	Vwf	0.000213234	2.79711	Week 3 up vs Week 1
10524621	NM_011854 // Oasl2 // 2'-5' oligoadenylate synthetase-like 2 // 5 F // 23962 ///	Oasl2	1.52713E-06	2.79851	Week 3 up vs Week 1
10444780	NM_010380 // H2-D1 // histocompatibility 2, D region locus 1 // 17 B1|17 19.09 c	H2-D1	3.4E-14	2.80359	Week 3 up vs Week 1
10432785	NM_027011 // Krt5 // keratin 5 // 15 F2|15 58.79 cM // 110308 /// ENSMUST0000002	Krt5	4.12692E-06	2.80908	Week 3 up vs Week 1
10441794	NM_030726 // Mrgprh // MAS-related GPR, member H // 17 A1 // 80978 /// ENSMUST00	Mrgprh	2.86736E-07	2.81561	Week 3 up vs Week 1
10559673	NM_029384 // 2210411K11Rik // RIKEN cDNA 2210411K11 gene // 7 A1 // 664968 /// E	2210411K11Rik	2.57E-13	2.81996	Week 3 up vs Week 1
10349872	---		5.96989E-10	2.82108	Week 3 up vs Week 1
10343378	---		0.000196275	2.82792	Week 3 up vs Week 1
10605051	NM_011907 // Trex2 // three prime repair exonuclease 2 // X A6 // 24102 /// ENSM	Trex2	8.25067E-08	2.82972	Week 3 up vs Week 1
10542355	NM_010128 // Emp1 // epithelial membrane protein 1 // 6 G1|6 65.0 cM // 13730 //	Emp1	9.79988E-07	2.83566	Week 3 up vs Week 1
10432636	NM_174992 // BC004728 // cDNA sequence BC004728 // 15 F1 // 207818 /// NM_001033	BC004728	2.3256E-11	2.8374	Week 3 up vs Week 1
10601044	NM_023608 // Gdpd2 // glycerophosphodiester phosphodiesterase domain containing	Gdpd2	1.83492E-08	2.83847	Week 3 up vs Week 1
10451953	NM_029796 // Lrg1 // leucine-rich alpha-2-glycoprotein 1 // 17 D|17 10.0 cM // 7	Lrg1	2.78537E-09	2.83931	Week 3 up vs Week 1
10530819	NM_175606 // Hopx // HOP homeobox // 5 C3.3 // 74318 /// NM_001159900 // Hopx //	Hopx	5.19722E-06	2.84092	Week 3 up vs Week 1
10341672	---		0.00143587	2.84233	Week 3 up vs Week 1
10343290	---		1.57512E-05	2.84459	Week 3 up vs Week 1
10600093	NM_009549 // Zfp185 // zinc finger protein 185 // X A7.3|X 28.95 cM // 22673 ///	Zfp185	8.64557E-06	2.84525	Week 3 up vs Week 1
10431229	NM_009886 // Celsr1 // cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo	Celsr1	9.56703E-08	2.85044	Week 3 up vs Week 1
10548879	NM_008597 // Mgp // matrix Gla protein // 6 G1 // 17313 /// ENSMUST00000032342 /	Mgp	1.90208E-05	2.85145	Week 3 up vs Week 1
10342469	---		2.86426E-06	2.8518	Week 3 up vs Week 1
10338771	---		3.72865E-06	2.85215	Week 3 up vs Week 1
10461934	NM_153417 // Trpm6 // transient receptor potential cation channel, subfamily M,	Trpm6	9.43839E-06	2.85218	Week 3 up vs Week 1
10477052	BC016127 // 2310046K01Rik // RIKEN cDNA 2310046K01 gene // 2 H1 // 69698 /// NM_	2310046K01Rik	7.2E-14	2.85371	Week 3 up vs Week 1
10434808	NM_175165 // Tprg // transformation related protein 63 regulated // 16 B1 // 713	Tprg	1.50035E-05	2.85535	Week 3 up vs Week 1
10339043	---		5.81962E-05	2.85547	Week 3 up vs Week 1
10523717	NM_009263 // Spp1 // secreted phosphoprotein 1 // 5 E5|5 56.0 cM // 20750 /// EN	Spp1	0.000133195	2.85784	Week 3 up vs Week 1
10371220	NM_010304 // Gna15 // guanine nucleotide binding protein, alpha 15 // 10 C1|10 4	Gna15	8.04302E-07	2.85837	Week 3 up vs Week 1
10447317	NM_010137 // Epas1 // endothelial PAS domain protein 1 // 17 E4 // 13819 /// ENS	Epas1	3E-15	2.85846	Week 3 up vs Week 1
10405566	NM_177809 // AU042651 // expressed sequence AU042651 // 13 B1 // 328258 /// ENSM	AU042651	7.95323E-09	2.85949	Week 3 up vs Week 1
10605034	NM_183094 // Xlr4c // X-linked lymphocyte-regulated 4C // X A7.3 // 72891 /// NM	Xlr4c	0.000820944	2.86387	Week 3 up vs Week 1

10530986	NM_177162 // 9930032O22Rik // RIKEN cDNA 9930032O22 gene // 5 E1 // 320454 /// E	9930032O22Rik	0.00145083	2.86623	Week 3 up vs Week 1
10575052	NM_009864 // Cdh1 // cadherin 1 // 8 D|8 53.3 cM // 12550 /// ENSMUST00000000312	Cdh1	2.09723E-08	2.86673	Week 3 up vs Week 1
10345404	AK082264 // C230030N03Rik // RIKEN cDNA C230030N03 gene // 1 B // 241052	C230030N03Rik	1.73206E-06	2.86705	Week 3 up vs Week 1
10400405	NM_010907 // Nfkbia // nuclear factor of kappa light polypeptide gene enhancer i	Nfkbia	7.04672E-09	2.87311	Week 3 up vs Week 1
10344125	---		2.2428E-11	2.87851	Week 3 up vs Week 1
10550972	NM_001102613 // Phldb3 // pleckstrin homology-like domain, family B, member 3 //	Phldb3	3.12554E-07	2.88075	Week 3 up vs Week 1
10476033	NM_183262 // Stk35 // serine/threonine kinase 35 // 2 F1 // 67333 /// NM_0010386	Stk35	4.13436E-05	2.88387	Week 3 up vs Week 1
10450367	NM_010479 // Hspa1a // heat shock protein 1A // 17 B1 // 193740 /// NM_010478 //	Hspa1a	1.34624E-05	2.88415	Week 3 up vs Week 1
10338365	---		0.000339342	2.88847	Week 3 up vs Week 1
10516735	NM_023476 // Tinagl1 // tubulointerstitial nephritis antigen-like 1 // 4 D3 // 9	Tinagl1	4.66988E-09	2.88998	Week 3 up vs Week 1
10552156	NM_027897 // Rhpn2 // rhophilin, Rho GTPase binding protein 2 // 7 B1-B2|7 11.0	Rhpn2	2.16004E-06	2.89121	Week 3 up vs Week 1
10496425	NM_009626 // Adh7 // alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide	Adh7	8.72057E-05	2.89823	Week 3 up vs Week 1
10584870	NM_001013373 // Tmprss13 // transmembrane protease, serine 13 // 9 A5.2 // 21453	Tmprss13	5.49128E-07	2.89902	Week 3 up vs Week 1
10349562	NM_177604 // AA986860 // expressed sequence AA986860 // 1 E4 // 212439 /// ENSMU	AA986860	1.11086E-07	2.8999	Week 3 up vs Week 1
10464754	NM_007485 // Rhod // ras homolog gene family, member D // 19 A // 11854 /// ENSM	Rhod	3.48852E-07	2.90082	Week 3 up vs Week 1
10369290	NM_029083 // Ddit4 // DNA-damage-inducible transcript 4 // 10 B3 // 74747 /// EN	Ddit4	2.26312E-10	2.90088	Week 3 up vs Week 1
10604528	NM_134163 // Mbnl3 // muscleblind-like 3 (Drosophila) // X A5 // 171170 /// ENSM	Mbnl3	2.19855E-05	2.90176	Week 3 up vs Week 1
10342305	---		0.000036561	2.90476	Week 3 up vs Week 1
10509965	NM_010139 // Epha2 // Eph receptor A2 // 4 D-E|4 73.2 cM // 13836 /// ENSMUST000	Epha2	4.66991E-08	2.91001	Week 3 up vs Week 1
10386455	NM_009026 // Rasd1 // RAS, dexamethasone-induced 1 // 11 B2 // 19416 /// ENSMUST	Rasd1	6.1806E-11	2.91287	Week 3 up vs Week 1
10431410	NM_011161 // Mapk11 // mitogen-activated protein kinase 11 // --- // 19094 /// E	Mapk11	2.50784E-09	2.91438	Week 3 up vs Week 1
10345752	NM_010555 // Il1r2 // interleukin 1 receptor, type II // 1 B|1 19.5 cM // 16178	Il1r2	1.86385E-07	2.91506	Week 3 up vs Week 1
10501586	NM_007901 // S1pr1 // sphingosine-1-phosphate receptor 1 // 3 G1 // 13609 /// EN	S1pr1	1.18885E-06	2.9175	Week 3 up vs Week 1
10342425	---		9.05314E-09	2.91821	Week 3 up vs Week 1
10437639	NM_007929 // Emp2 // epithelial membrane protein 2 // 16 A1|16 2.4 cM // 13731 /	Emp2	2.1191E-11	2.92232	Week 3 up vs Week 1
10499329	NM_021375 // Rhbg // Rhesus blood group-associated B glycoprotein // 3 F1|3 42.0	Rhbg	4.85408E-07	2.92537	Week 3 up vs Week 1
10343722	---		1.0332E-06	2.93202	Week 3 up vs Week 1
10523563	NM_173370 // Cds1 // CDP-diacylglycerol synthase 1 // 5 E4 // 74596 /// ENSMUST0	Cds1	1.14009E-08	2.93476	Week 3 up vs Week 1
10574259	NM_018882 // Gpr56 // G protein-coupled receptor 56 // 8 D1|8 45.0 cM // 14766 /	Gpr56	6E-15	2.93583	Week 3 up vs Week 1
10382713	NM_001005608 // Itgb4 // integrin beta 4 // 11 E2|11 76.0 cM // 192897 /// NM_13	Itgb4	4.27422E-08	2.93776	Week 3 up vs Week 1
10596303	NM_019807 // Acpp // acid phosphatase, prostate // 9 F1 // 56318 /// NM_207668 /	Acpp	1.25336E-06	2.93789	Week 3 up vs Week 1
10340110	---		0.000139807	2.93954	Week 3 up vs Week 1
10423654	NM_054049 // Osr2 // odd-skipped related 2 (Drosophila) // 15 B3.1|15 14.0 cM //	Osr2	1.38796E-06	2.94702	Week 3 up vs Week 1
10551169	NM_146184 // B3gnt8 // UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfera	B3gnt8	2.58954E-10	2.95284	Week 3 up vs Week 1
10421143	NM_010082 // Adam28 // a disintegrin and metallopeptidase domain 28 // 14 D2 //	Adam28	1.03454E-05	2.95808	Week 3 up vs Week 1
10343551	---		0.00356653	2.96127	Week 3 up vs Week 1
10451551	NM_008189 // Guca1a // guanylate cyclase activator 1a (retina) // 17 D // 14913	Guca1a	9.45744E-05	2.96448	Week 3 up vs Week 1
10379731	NM_007969 // Expi // extracellular proteinase inhibitor // 11 C // 14038 /// ENS	Expi	3.56674E-07	2.96826	Week 3 up vs Week 1
10389022	NM_177390 // Myo1d // myosin ID // 11 B5|11 46.0 cM // 338367 /// ENSMUST0000004	Myo1d	2.136E-12	2.96893	Week 3 up vs Week 1
10340885	---		9.33797E-06	2.97025	Week 3 up vs Week 1
10583071	NM_010809 // Mmp3 // matrix metallopeptidase 3 // 9 A1|9 1.0 cM // 17392 /// ENS	Mmp3	1.53903E-06	2.97414	Week 3 up vs Week 1
10368343	NM_007482 // Arg1 // arginase, liver // 10 A4 // 11846 /// ENSMUST00000020161 //	Arg1	5.54239E-05	2.98106	Week 3 up vs Week 1
10423623	BC030476 // BC030476 // cDNA sequence BC030476 // 15 B3.1 // 239368 /// BC099414	BC030476	0.00239402	2.98515	Week 3 up vs Week 1
10469066	NM_028804 // Ccdc3 // coiled-coil domain containing 3 // 2 A1 // 74186 /// ENSMU	Ccdc3	8.58721E-07	2.99175	Week 3 up vs Week 1
10370931	NM_021462 // Mknk2 // MAP kinase-interacting serine/threonine kinase 2 // 10 C1	Mknk2	4.0725E-11	2.99547	Week 3 up vs Week 1
10429772	NM_144848 // Eppk1 // epiplakin 1 // 15 D3 // 223650 /// AY312170 // Eppk1 // ep	Eppk1	1.13158E-08	2.99621	Week 3 up vs Week 1
10566993	NM_173739 // Galntl4 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylg	Galntl4	9.37515E-06	3.00052	Week 3 up vs Week 1
10588263	NM_033314 // Slco2a1 // solute carrier organic anion transporter family, member	Slco2a1	3.62109E-09	3.00255	Week 3 up vs Week 1
10373467	NM_010153 // Erbb3 // v-erb-b2 erythroblastic leukemia viral oncogene homolog 3	Erbb3	6.19734E-08	3.00297	Week 3 up vs Week 1
10342476	---		0.0114754	3.0074	Week 3 up vs Week 1
10580635	NM_053200 // Ces3 // carboxylesterase 3 // 8 C5 // 104158 /// ENSMUST00000034172	Ces3	0.000803162	3.01215	Week 3 up vs Week 1
10340593	---		7.88958E-09	3.01324	Week 3 up vs Week 1
10521459	NM_175249 // Psapl1 // prosaposin-like 1 // 5 B3 // 76943 /// ENSMUST00000052224	Psapl1	1.18022E-07	3.01506	Week 3 up vs Week 1
10596637	NM_178907 // Mapkapk3 // mitogen-activated protein kinase-activated protein kina	Mapkapk3	5.54007E-08	3.02357	Week 3 up vs Week 1
10416777	NM_009769 // Klf5 // Kruppel-like factor 5 // 14 E2.2 // 12224 /// ENSMUST000000	Klf5	6.154E-08	3.03217	Week 3 up vs Week 1
10606495	NM_181579 // Pof1b // premature ovarian failure 1B // X E1 // 69693 /// ENSMUST0	Pof1b	0.00120964	3.03929	Week 3 up vs Week 1
10497501	XM_975226 // Naaladl2 // N-acetylated alpha-linked acidic dipeptidase-like 2 //	Naaladl2	0.000779379	3.04594	Week 3 up vs Week 1
10367066	NM_027301 // Sdr9c7 // 4short chain dehydrogenase/reductase family 9C, member 7	Sdr9c7	3.18982E-06	3.05804	Week 3 up vs Week 1
10349166	NM_198028 // Serpinb10 // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb10	1.34911E-05	3.05805	Week 3 up vs Week 1
10493910	NM_001034860 // Gm4858 // predicted gene 4858 // 3 F1|3 // 229571 /// ENSMUST000	Gm4858	6.76508E-05	3.06304	Week 3 up vs Week 1
10342006	---		2.48879E-10	3.0672	Week 3 up vs Week 1
10487405	NM_138750 // Prom2 // prominin 2 // 2 F1 // 192212 /// NM_178047 // Prom2 // pro	Prom2	2.13342E-07	3.07144	Week 3 up vs Week 1
10496457	ENSMUST00000090166 // Adh6b // alcohol dehydrogenase 6B (class V) // 3 G3 // 229	Adh6b	0.000492109	3.07437	Week 3 up vs Week 1
10574572	BC027185 // 2210023G05Rik // RIKEN cDNA 2210023G05 gene // 8 D3 // 72361 /// ENS	2210023G05Rik	8.25037E-05	3.07997	Week 3 up vs Week 1
10373610	NM_146318 // Olfr767 // olfactory receptor 767 // --- // 258315 /// ENSMUST00000	Olfr767	0.000013361	3.08178	Week 3 up vs Week 1

10520862	NM_008037 // Fosl2 // fos-like antigen 2 // 5 B1|5 18.1 cM // 14284 /// ENSMUST0	Fosl2	1.23758E-08	3.08888	Week 3 up vs Week 1
10339060	---		4.05904E-07	3.10026	Week 3 up vs Week 1
10358038	NM_145417 // Rnpep // arginyl aminopeptidase (aminopeptidase B) // 1 E4 // 21561	Rnpep	4.14926E-07	3.10101	Week 3 up vs Week 1
10373452	BC132471 // Gm129 // predicted gene 129 // 3 F2.1 // 229599 /// NM_001033302 //	Gm129	3.24732E-09	3.10142	Week 3 up vs Week 1
10575833	NM_008290 // Hsd17b2 // hydroxysteroid (17-beta) dehydrogenase 2 // 8 E1 // 1548	Hsd17b2	0.000122835	3.1031	Week 3 up vs Week 1
10513320	NM_025968 // Ptgr1 // prostaglandin reductase 1 // 4 C1 // 67103 /// ENSMUST0000	Ptgr1	0.000459541	3.10482	Week 3 up vs Week 1
10441270	NM_023663 // Ripk4 // receptor-interacting serine-threonine kinase 4 // 16 C4 //	Ripk4	7.99853E-06	3.10932	Week 3 up vs Week 1
10526363	NM_008898 // Por // P450 (cytochrome) oxidoreductase // 5 G2|5 75.0 cM // 18984	Por	1.88284E-10	3.11213	Week 3 up vs Week 1
10391895	NM_133715 // Arhgap27 // Rho GTPase activating protein 27 // 11 E1 // 544817 ///	Arhgap27	1.87921E-09	3.11973	Week 3 up vs Week 1
10342288	---		8.57019E-06	3.12202	Week 3 up vs Week 1
10408200	NM_175655 // Hist1h4f // histone cluster 1, H4f // --- // 319157	Hist1h4f	2.98491E-06	3.1243	Week 3 up vs Week 1
10606989	NM_001077364 // Tsc22d3 // TSC22 domain family, member 3 // X F1 // 14605 /// NM	Tsc22d3	1.311E-12	3.13122	Week 3 up vs Week 1
10530974	NM_001033233 // Tmprss11a // transmembrane protease, serine 11a // 5 E1 // 19459	Tmprss11a	0.0123499	3.13285	Week 3 up vs Week 1
10505299	NM_138653 // Bspry // B-box and SPRY domain containing // 4 C1 // 192120 /// ENS	Bspry	4.00778E-08	3.13598	Week 3 up vs Week 1
10416290	NM_180588 // Reep4 // receptor accessory protein 4 // 14 D2 // 72549 /// ENSMUST	Reep4	1.09597E-08	3.13639	Week 3 up vs Week 1
10417568	NM_146050 // Oit1 // oncoprotein induced transcript 1 // 14 A1 // 18300 /// ENSM	Oit1	5.04831E-07	3.14128	Week 3 up vs Week 1
10457686	NM_013505 // Dsc2 // desmocollin 2 // 18 A2|18 7.0 cM // 13506 /// ENSMUST000000	Dsc2	0.000186094	3.14883	Week 3 up vs Week 1
10508917	NM_001162970 // Aim1l // absent in melanoma 1-like // 4 D3 // 230806 /// BC15073	Aim1l	2.23057E-08	3.15479	Week 3 up vs Week 1
10555460	NM_019990 // Stard10 // START domain containing 10 // 7 E3 // 56018 /// ENSMUST0	Stard10	7.949E-11	3.15632	Week 3 up vs Week 1
10388194	NM_153060 // Spns2 // spinster homolog 2 (Drosophila) // 11 B4 // 216892 /// ENS	Spns2	5.5385E-11	3.16134	Week 3 up vs Week 1
10506583	NM_177667 // Ttc22 // tetratricopeptide repeat domain 22 // 4 C7 // 230576 /// E	Ttc22	3.6439E-08	3.1738	Week 3 up vs Week 1
10526241	NM_009902 // Cldn3 // claudin 3 // 5 G2|5 75.0 cM // 12739 /// ENSMUST0000009424	Cldn3	1.86963E-10	3.17704	Week 3 up vs Week 1
10532857	NM_019821 // Gltp // glycolipid transfer protein // 5 F // 56356 /// ENSMUST0000	Gltp	4.3271E-11	3.18189	Week 3 up vs Week 1
10591643	NM_031874 // Rab3d // RAB3D, member RAS oncogene family // 9 A2-A3 // 19340 ///	Rab3d	5.41256E-07	3.18935	Week 3 up vs Week 1
10558795	NM_019762 // Pkp3 // plakophilin 3 // 7 F5 // 56460 /// NM_001162924 // Pkp3 //	Pkp3	8.85665E-08	3.19402	Week 3 up vs Week 1
10526410	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	9.75512E-08	3.19663	Week 3 up vs Week 1
10400072	NM_001146196 // Scin // scinderin // 12 B1 // 20259 /// NM_009132 // Scin // sci	Scin	0.000453446	3.20247	Week 3 up vs Week 1
10339834	---		4.47614E-05	3.20311	Week 3 up vs Week 1
10512774	NM_178893 // Coro2a // coronin, actin binding protein 2A // 4 B1 // 107684 /// E	Coro2a	6.62684E-08	3.20675	Week 3 up vs Week 1
10408928	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	5.55873E-08	3.2216	Week 3 up vs Week 1
10493803	NM_011310 // S100a3 // S100 calcium binding protein A3 // 3 F1-F2|3 43.6 cM // 2	S100a3	1.4029E-07	3.2288	Week 3 up vs Week 1
10451893	NM_145934 // Stap2 // signal transducing adaptor family member 2 // 17 D // 1067	Stap2	7.50148E-08	3.23318	Week 3 up vs Week 1
10513008	NM_010637 // Klf4 // Kruppel-like factor 4 (gut) // 4 B3|4 19.7 cM // 16600 ///	Klf4	8.99832E-07	3.23431	Week 3 up vs Week 1
10565775	NM_026384 // Dgat2 // diacylglycerol O-acyltransferase 2 // 7 F1 // 67800 /// EN	Dgat2	3.89344E-09	3.23473	Week 3 up vs Week 1
10561453	NM_011756 // Zfp36 // zinc finger protein 36 // 7 A3|7 10.2 cM // 22695 /// ENSM	Zfp36	4.9E-14	3.23616	Week 3 up vs Week 1
10564818	NM_008486 // Anpep // alanyl (membrane) aminopeptidase // 7 D3 // 16790 /// ENSM	Anpep	2.13021E-06	3.24671	Week 3 up vs Week 1
10442357	NM_027220 // Prss32 // protease, serine, 32 // 17 A3.3|17 10.73 cM // 69814 ///	Prss32	4.60881E-08	3.24816	Week 3 up vs Week 1
10404783	NM_010104 // Edn1 // endothelin 1 // 13 A4|13 26.0 cM // 13614 /// ENSMUST000000	Edn1	1.06E-13	3.25238	Week 3 up vs Week 1
10455395	NM_001081180 // Spink5 // serine peptidase inhibitor, Kazal type 5 // 18 B3|18 2	Spink5	1.29838E-06	3.2579	Week 3 up vs Week 1
10560672	NM_023224 // Cblc // Casitas B-lineage lymphoma c // 7 A3 // 80794 /// NM_001161	Cblc	2.9524E-08	3.25985	Week 3 up vs Week 1
10390841	NM_010661 // Krt12 // keratin 12 // 11 D|11 58.0 cM // 268482 /// ENSMUST0000001	Krt12	0.0182156	3.26601	Week 3 up vs Week 1
10349108	NM_009257 // Serpinb5 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb5	0.00238633	3.27292	Week 3 up vs Week 1
10577954	NM_001080813 // Rab11fip1 // RAB11 family interacting protein 1 (class I) // 8 A	Rab11fip1	5.98332E-08	3.27743	Week 3 up vs Week 1
10373542	NM_016811 // Dgka // diacylglycerol kinase, alpha // 10 D3|10 71.0 cM // 13139 /	Dgka	3.32193E-08	3.29428	Week 3 up vs Week 1
10338846	---		1.94526E-06	3.30592	Week 3 up vs Week 1
10349138	NM_025867 // Serpinb11 // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb11	0.000647471	3.30667	Week 3 up vs Week 1
10414065	NM_013473 // Anxa8 // annexin A8 // 14 B|14 13.0 cM // 11752 /// ENSMUST00000022	Anxa8	0.000641447	3.30784	Week 3 up vs Week 1
10580765	NM_026385 // Pllp // plasma membrane proteolipid // 8 C5 // 67801 /// ENSMUST000	Pllp	1.76944E-09	3.30892	Week 3 up vs Week 1
10380927	NM_010346 // Grb7 // growth factor receptor bound protein 7 // 11 D|11 57.0 cM /	Grb7	1.62483E-06	3.31168	Week 3 up vs Week 1
10449741	NM_010831 // Sik1 // salt inducible kinase 1 // 17 B1|17 18.18 cM // 17691 /// E	Sik1	2.1629E-11	3.31999	Week 3 up vs Week 1
10383289	NM_130862 // Baiap2 // brain-specific angiogenesis inhibitor 1-associated protei	Baiap2	2.14629E-10	3.32305	Week 3 up vs Week 1
10516765	NM_172702 // Serinc2 // serine incorporator 2 // 4 D2.2 // 230779 /// BC031720 /	Serinc2	4.34911E-09	3.33316	Week 3 up vs Week 1
10505779	NM_139306 // Acer2 // alkaline ceramidase 2 // 4 C4 // 230379 /// ENSMUST0000004	Acer2	1.02532E-07	3.33561	Week 3 up vs Week 1
10468344	NM_007732 // Col17a1 // collagen, type XVII, alpha 1 // 19 D1|19 49.0 cM // 1282	Col17a1	0.000116382	3.3425	Week 3 up vs Week 1
10465314	NM_007600 // Capn1 // calpain 1 // 19 A|19 3.0 cM // 12333 /// NM_001110504 // C	Capn1	3.09519E-09	3.34267	Week 3 up vs Week 1
10458709	NM_001033280 // Gm94 // predicted gene 94 // 18 B3 // 225443 /// ENSMUST00000096	Gm94	3.78863E-06	3.3516	Week 3 up vs Week 1
10449284	NM_013642 // Dusp1 // dual specificity phosphatase 1 // 17 A2-C|17 13.0 cM // 19	Dusp1	5.80369E-07	3.35498	Week 3 up vs Week 1
10376765	NM_007436 // Aldh3a1 // aldehyde dehydrogenase family 3, subfamily A1 // 11 B2|1	Aldh3a1	0.00275208	3.36798	Week 3 up vs Week 1
10458828	NM_033037 // Cdo1 // cysteine dioxygenase 1, cytosolic // 18 C|18 23.0 cM // 125	Cdo1	6.0116E-06	3.37105	Week 3 up vs Week 1
10499545	NM_010108 // Efna3 // ephrin A3 // 3 F1|3 48.0 cM // 13638 /// ENSMUST0000002967	Efna3	3.25943E-09	3.37252	Week 3 up vs Week 1
10439500	NM_178924 // Upk1b // uroplakin 1B // 16 B5-C2 // 22268 /// ENSMUST00000057767 /	Upk1b	0.000126374	3.37518	Week 3 up vs Week 1
10345065	NM_001077353 // Gsta3 // glutathione S-transferase, alpha 3 // 1 A4|1 15.0 cM //	Gsta3	1.30499E-06	3.38292	Week 3 up vs Week 1
10344096	---		0.000443965	3.3848	Week 3 up vs Week 1
10597935	NM_133974 // Cdcp1 // CUB domain containing protein 1 // 9 F4 // 109332 /// ENSM	Cdcp1	1.33342E-06	3.3964	Week 3 up vs Week 1
10524631	NM_145209 // Oasl1 // 2'-5' oligoadenylate synthetase-like 1 // 5 F // 231655 //	Oasl1	3.02199E-07	3.39783	Week 3 up vs Week 1

10407416	NM_027416 // Calml3 // calmodulin-like 3 // 13 A1 // 70405 /// ENSMUST0000007769	Calml3	7.32745E-05	3.39796	Week 3 up vs Week 1
10483249	NM_015736 // Galnt3 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylga	Galnt3	2.88737E-06	3.40249	Week 3 up vs Week 1
10588043	NM_009034 // Rbp2 // retinol binding protein 2, cellular // 9 E3.3|9 57.0 cM //	Rbp2	2.11464E-05	3.42011	Week 3 up vs Week 1
10574023	NM_008630 // Mt2 // metallothionein 2 // 8 C5|8 45.0 cM // 17750 /// ENSMUST0000	Mt2	2.26733E-08	3.42051	Week 3 up vs Week 1
10343130	---		3.62312E-09	3.42979	Week 3 up vs Week 1
10339420	---		2.90727E-09	3.43244	Week 3 up vs Week 1
10416850	NM_022886 // Scel // sciellin // 14 E // 64929 /// ENSMUST00000095576 // Scel //	Scel	2.60236E-05	3.43497	Week 3 up vs Week 1
10457669	NM_007882 // Dsc3 // desmocollin 3 // 18 A2|18 7.0 cM // 13507 /// ENSMUST000001	Dsc3	0.00125165	3.43655	Week 3 up vs Week 1
10552480	NM_019974 // Klk11 // kallikrein related-peptidase 11 // 7 B4 // 56538 /// ENSMU	Klk11	3.29825E-09	3.43948	Week 3 up vs Week 1
10560329	NM_016868 // Hif3a // hypoxia inducible factor 3, alpha subunit // 7 A2 // 53417	Hif3a	8.27E-13	3.44284	Week 3 up vs Week 1
10556266	NM_009516 // Wee1 // WEE 1 homolog 1 (S. pombe) // 7 F1 // 22390 /// ENSMUST0000	Wee1	5.77892E-10	3.44309	Week 3 up vs Week 1
10529819	NM_008009 // Fgfbp1 // fibroblast growth factor binding protein 1 // 5 B3 // 141	Fgfbp1	4.37629E-05	3.44731	Week 3 up vs Week 1
10378216	NM_016745 // Atp2a3 // ATPase, Ca++ transporting, ubiquitous // 11 B4 // 53313 /	Atp2a3	4.32031E-08	3.45813	Week 3 up vs Week 1
10370497	NM_172134 // Pdxk // pyridoxal (pyridoxine, vitamin B6) kinase // 10 C1|10 42.1	Pdxk	3.81751E-10	3.45946	Week 3 up vs Week 1
10502590	NM_207208 // Clca6 // chloride channel calcium activated 6 // 3 H2 // 99663 ///	Clca6	1.63851E-08	3.46099	Week 3 up vs Week 1
10439087	NM_146071 // Muc20 // mucin 20 // 16 B3 // 224116 /// NM_001145874 // Muc20 // m	Muc20	2.9646E-07	3.46421	Week 3 up vs Week 1
10414360	NM_001145953 // Lgals3 // lectin, galactose binding, soluble 3 // 14 C1 // 16854	Lgals3	5.55219E-07	3.47216	Week 3 up vs Week 1
10435514	NM_134109 // Ildr1 // immunoglobulin-like domain containing receptor 1 // 16 B3	Ildr1	6.48302E-08	3.47806	Week 3 up vs Week 1
10583732	NM_010700 // Ldlr // low density lipoprotein receptor // 9 A3|9 5.0 cM // 16835	Ldlr	4.43132E-07	3.48604	Week 3 up vs Week 1
10340530	---		6E-15	3.49365	Week 3 up vs Week 1
10394471	NM_011519 // Sdc1 // syndecan 1 // 12 A1.1|12 1.0 cM // 20969 /// ENSMUST0000002	Sdc1	1.17652E-05	3.494	Week 3 up vs Week 1
10361887	NM_022032 // Perp // PERP, TP53 apoptosis effector // 10 A2 // 64058 /// ENSMUST	Perp	1.14099E-06	3.50813	Week 3 up vs Week 1
10388834	NM_022411 // Slc13a2 // solute carrier family 13 (sodium-dependent dicarboxylate	Slc13a2	8.1821E-08	3.51671	Week 3 up vs Week 1
10338782	---		7.48574E-05	3.52503	Week 3 up vs Week 1
10471535	NM_146119 // Fam129b // family with sequence similarity 129, member B // 2 B //	Fam129b	4.6667E-09	3.5363	Week 3 up vs Week 1
10394119	NM_178763 // Zfp750 // zinc finger protein 750 // 11 E2 // 319530 /// ENSMUST000	Zfp750	1.5053E-06	3.54811	Week 3 up vs Week 1
10416689	NM_001030294 // Olfm4 // olfactomedin 4 // 14 D3 // 380924 /// ENSMUST0000008873	Olfm4	2.31235E-08	3.55039	Week 3 up vs Week 1
10548011	NM_198604 // Plekhg6 // pleckstrin homology domain containing, family G (with Rh	Plekhg6	1.35108E-09	3.55213	Week 3 up vs Week 1
10517401	NM_001013756 // Grhl3 // grainyhead-like 3 (Drosophila) // 4 D3 // 230824 /// EN	Grhl3	1.60606E-07	3.55848	Week 3 up vs Week 1
10463836	NM_010362 // Gsto1 // glutathione S-transferase omega 1 // 19 D1 // 14873 /// EN	Gsto1	3.05736E-08	3.56224	Week 3 up vs Week 1
10459288	NM_007420 // Adrb2 // adrenergic receptor, beta 2 // 18 E1|18 34.0 cM // 11555 /	Adrb2	9.4613E-08	3.57413	Week 3 up vs Week 1
10522411	BC016523 // C130090K23Rik // RIKEN cDNA C130090K23 gene // 5 C3.2 // 231293 ///	C130090K23Rik	7.22369E-06	3.57472	Week 3 up vs Week 1
10516484	NM_008126 // Gjb3 // gap junction protein, beta 3 // 4 D2.2|4 58.0 cM // 14620 /	Gjb3	3.87489E-07	3.58338	Week 3 up vs Week 1
10487441	NM_010762 // Mal // myelin and lymphocyte protein, T-cell differentiation protei	Mal	3.57312E-06	3.58692	Week 3 up vs Week 1
10360398	NM_008327 // Ifi202b // interferon activated gene 202B // 1 H3 // 26388 /// NM_0	Ifi202b	0.000089346	3.59271	Week 3 up vs Week 1
10485445	NM_007914 // Ehf // ets homologous factor // 2 E2 // 13661 /// ENSMUST0000009047	Ehf	2.97382E-05	3.59596	Week 3 up vs Week 1
10608719	---		2.59227E-06	3.6028	Week 3 up vs Week 1
10429584	---		5.79331E-06	3.60728	Week 3 up vs Week 1
10565705	NM_011010 // Omp // olfactory marker protein // 7 E2|7 48.0 cM // 18378 /// ENSM	Omp	1.03303E-10	3.60879	Week 3 up vs Week 1
10506571	NM_053272 // Dhcr24 // 24-dehydrocholesterol reductase // 4 C7 // 74754 /// ENSM	Dhcr24	2.6088E-08	3.61198	Week 3 up vs Week 1
10517587	NM_007431 // Alpl // alkaline phosphatase, liver/bone/kidney // 4 D3|4 70.2 cM /	Alpl	1.17288E-08	3.61319	Week 3 up vs Week 1
10350159	NM_133664 // Lad1 // ladinin // 1 E4 // 16763 /// ENSMUST00000038760 // Lad1 //	Lad1	6.16534E-07	3.61998	Week 3 up vs Week 1
10366546	NM_027468 // Cpm // carboxypeptidase M // 10 D2 // 70574 /// ENSMUST00000020399	Cpm	3.11555E-09	3.62449	Week 3 up vs Week 1
10467115	NM_024204 // Ankrd22 // ankyrin repeat domain 22 // 19 C1|19 24.0 cM // 52024 //	Ankrd22	9.20904E-06	3.62988	Week 3 up vs Week 1
10480238	NM_145838 // St8sia6 // ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransfera	St8sia6	9.10728E-07	3.65154	Week 3 up vs Week 1
10492815	NM_177260 // Tmem154 // transmembrane protein 154 // 3 F1 // 320782 /// ENSMUST0	Tmem154	4.75016E-07	3.65202	Week 3 up vs Week 1
10368317	NM_134005 // Enpp3 // ectonucleotide pyrophosphatase/phosphodiesterase 3 // 10 A	Enpp3	1.4154E-06	3.65597	Week 3 up vs Week 1
10341932	---		0.0014383	3.6776	Week 3 up vs Week 1
10390691	NM_145434 // Nr1d1 // nuclear receptor subfamily 1, group D, member 1 // 11 D //	Nr1d1	1.146E-12	3.68199	Week 3 up vs Week 1
10526452	NM_027158 // 2310043J07Rik // RIKEN cDNA 2310043J07 gene // --- // 69665 /// ENS	2310043J07Rik	1.63845E-05	3.71618	Week 3 up vs Week 1
10352815	NM_016851 // Irf6 // interferon regulatory factor 6 // 1 H6|1 104.0 cM // 54139	Irf6	2.39003E-05	3.71968	Week 3 up vs Week 1
10565689	NM_007602 // Capn5 // calpain 5 // 7 E2 // 12337 /// ENSMUST00000040971 // Capn5	Capn5	1.64018E-08	3.72403	Week 3 up vs Week 1
10452815	NM_011723 // Xdh // xanthine dehydrogenase // 17 E2|17 45.3 cM // 22436 /// ENSM	Xdh	1.5695E-11	3.75338	Week 3 up vs Week 1
10481627	NM_008491 // Lcn2 // lipocalin 2 // 2 A3|2 27.0 cM // 16819 /// ENSMUST000000507	Lcn2	1.13398E-07	3.76745	Week 3 up vs Week 1
10591522	NM_001110300 // Ap1m2 // adaptor protein complex AP-1, mu 2 subunit // 9 A3|9 9.	Ap1m2	1.03136E-06	3.77102	Week 3 up vs Week 1
10400304	NM_028133 // Egln3 // EGL nine homolog 3 (C. elegans) // 12 C1 // 112407 /// ENS	Egln3	8.27976E-05	3.77598	Week 3 up vs Week 1
10420114	NM_001161715 // Tgm1 // transglutaminase 1, K polypeptide // 14 C1 // 21816 ///	Tgm1	2.17765E-07	3.77927	Week 3 up vs Week 1
10558769	NM_026820 // Ifitm1 // interferon induced transmembrane protein 1 // 7 F5 // 687	Ifitm1	8.40271E-08	3.80308	Week 3 up vs Week 1
10517009	NM_031393 // Sytl1 // synaptotagmin-like 1 // 4 D2.3 // 269589 /// ENSMUST000000	Sytl1	1.71269E-08	3.81332	Week 3 up vs Week 1
10550660	NM_001010836 // Ppp1r13l // protein phosphatase 1, regulatory (inhibitor) subuni	Ppp1r13l	3.64496E-10	3.81417	Week 3 up vs Week 1
10424245	NM_173862 // Fam83a // family with sequence similarity 83, member A // 15 D1 //	Fam83a	0.000909751	3.82658	Week 3 up vs Week 1
10562223	NM_008557 // Fxyd3 // FXYD domain-containing ion transport regulator 3 // 7 B1 /	Fxyd3	2.50657E-08	3.8349	Week 3 up vs Week 1
10444554	NM_023557 // Slc44a4 // solute carrier family 44, member 4 // 17 B2 // 70129 ///	Slc44a4	8.62895E-09	3.84265	Week 3 up vs Week 1
10593260	NM_172922 // Ankk1 // ankyrin repeat and kinase domain containing 1 // 9 A5.3 //	Ankk1	4.36293E-08	3.85217	Week 3 up vs Week 1
10404649	NM_023842 // Dsp // desmoplakin // 13 A3.3 // 109620	Dsp	2.75188E-05	3.87403	Week 3 up vs Week 1

10558687	NM_029821 // 1190003J15Rik // RIKEN cDNA 1190003J15 gene // 7 F5 // 76974 /// EN	1190003J15Rik	1.40787E-05	3.8855	Week 3 up vs Week 1
10554034	DQ646881 // Lass3 // LAG1 homolog, ceramide synthase 3 // 7 C // 545975 /// DQ35	Lass3	2.36357E-06	3.88711	Week 3 up vs Week 1
10381049	NM_001080925 // Rapgefl1 // Rap guanine nucleotide exchange factor (GEF)-like 1	Rapgefl1	5.7625E-07	3.9019	Week 3 up vs Week 1
10544417	NM_023580 // Epha1 // Eph receptor A1 // 6 B2.1 // 13835 /// ENSMUST00000073387	Epha1	1.14445E-06	3.94831	Week 3 up vs Week 1
10392056	NM_007805 // Cyb561 // cytochrome b-561 // 11 E1|11 65.0 cM // 13056 /// ENSMUST	Cyb561	0	3.97579	Week 3 up vs Week 1
10389990	NM_027984 // Epn3 // epsin 3 // 11 C // 71889 /// ENSMUST00000010224 // Epn3 //	Epn3	1.45688E-08	3.99263	Week 3 up vs Week 1
10430006	NM_028064 // Slc39a4 // solute carrier family 39 (zinc transporter), member 4 //	Slc39a4	6.09332E-09	4.05254	Week 3 up vs Week 1
10445251	NM_133776 // Gpr110 // G protein-coupled receptor 110 // 17 B3 // 77596 /// ENSM	Gpr110	7.44524E-06	4.05538	Week 3 up vs Week 1
10574560	BC117742 // 2310038E17Rik // RIKEN cDNA 2310038E17 gene // 8 D3 // 71903 /// BC1	2310038E17Rik	1.08469E-07	4.06553	Week 3 up vs Week 1
10584604	NM_023655 // Trim29 // tripartite motif-containing 29 // 9 A5.1 // 72169 /// ENS	Trim29	8.93738E-06	4.11166	Week 3 up vs Week 1
10432734	BC118024 // 4732456N10Rik // RIKEN cDNA 4732456N10 gene // 15 F2 // 239673 /// N	4732456N10Rik	2.81395E-08	4.11802	Week 3 up vs Week 1
10371111	NM_013769 // Tjp3 // tight junction protein 3 // 10 C1 // 27375 /// ENSMUST00000	Tjp3	3.54542E-09	4.12501	Week 3 up vs Week 1
10539135	NM_007599 // Capg // capping protein (actin filament), gelsolin-like // 6 C3 //	Capg	1.79133E-07	4.12799	Week 3 up vs Week 1
10534395	NM_009903 // Cldn4 // claudin 4 // 5 G2|5 75.0 cM // 12740 /// ENSMUST0000005140	Cldn4	7.77349E-07	4.13885	Week 3 up vs Week 1
10500140	NM_001085383 // Anxa9 // annexin A9 // 3 F2 // 71790 /// NM_023628 // Anxa9 // a	Anxa9	1.33449E-07	4.14128	Week 3 up vs Week 1
10517213	NM_001081047 // Cnksr1 // connector enhancer of kinase suppressor of Ras 1 // 4	Cnksr1	1.56588E-10	4.1454	Week 3 up vs Week 1
10594277	NM_028748 // Paqr5 // progestin and adipoQ receptor family member V // 9 C // 74	Paqr5	2.16456E-08	4.14904	Week 3 up vs Week 1
10511560	NM_194055 // Esrp1 // epithelial splicing regulatory protein 1 // 4 A1 // 207920	Esrp1	1.59942E-05	4.17272	Week 3 up vs Week 1
10545168	NM_020047 // Tacstd2 // tumor-associated calcium signal transducer 2 // --- // 5	Tacstd2	1.09596E-05	4.17372	Week 3 up vs Week 1
10391036	NM_008471 // Krt19 // keratin 19 // 11 D|11 58.51 cM // 16669 /// ENSMUST0000000	Krt19	2.66568E-07	4.18038	Week 3 up vs Week 1
10351588	NM_027893 // Pvrl4 // poliovirus receptor-related 4 // --- // 71740 /// NM_00112	Pvrl4	1.68173E-07	4.1972	Week 3 up vs Week 1
10466659	NM_010266 // Gda // guanine deaminase // 19 B|19 15.5 cM // 14544 /// ENSMUST000	Gda	2.59257E-07	4.22881	Week 3 up vs Week 1
10391061	NM_008470 // Krt16 // keratin 16 // 11 D // 16666 /// ENSMUST00000007280 // Krt1	Krt16	1.86591E-05	4.24564	Week 3 up vs Week 1
10584827	NM_007962 // Mpzl2 // myelin protein zero-like 2 // 9 A5.2|9 26.0 cM // 14012 //	Mpzl2	2.42597E-06	4.25129	Week 3 up vs Week 1
10391103	NM_010593 // Jup // junction plakoglobin // 11 D|11 60.0 cM // 16480 /// ENSMUST	Jup	8.0814E-11	4.26772	Week 3 up vs Week 1
10512156	NM_016689 // Aqp3 // aquaporin 3 // --- // 11828 /// ENSMUST00000055327 // Aqp3	Aqp3	7.33518E-07	4.26873	Week 3 up vs Week 1
10558880	NM_133191 // Eps8l2 // EPS8-like 2 // 7 F5 // 98845 /// ENSMUST00000026577 // Ep	Eps8l2	6.18554E-09	4.26902	Week 3 up vs Week 1
10535524	NM_033039 // Ocm // oncomodulin // 5 G1-3|5 84.0 cM // 18261	Ocm	1.88298E-07	4.27213	Week 3 up vs Week 1
10393197	NM_025276 // Evpl // envoplakin // 11 E1 // 14027 /// ENSMUST00000037007 // Evpl	Evpl	8.57313E-08	4.28946	Week 3 up vs Week 1
10580286	NM_145388 // Best2 // bestrophin 2 // 8 C3 // 212989 /// NM_001130194 // Best2 /	Best2	2.41005E-07	4.32858	Week 3 up vs Week 1
10559420	NM_181820 // Tmc4 // transmembrane channel-like gene family 4 // 7 A1 // 353499	Tmc4	4.96724E-07	4.3313	Week 3 up vs Week 1
10469984	NM_146117 // Lrrc26 // leucine rich repeat containing 26 // 2 A3 // 227618 /// E	Lrrc26	7.12309E-07	4.33159	Week 3 up vs Week 1
10429500	NM_020519 // Slurp1 // secreted Ly6/Plaur domain containing 1 // 15 D3 // 57277	Slurp1	0.000478185	4.33907	Week 3 up vs Week 1
10570434	NM_026820 // Ifitm1 // interferon induced transmembrane protein 1 // 7 F5 // 687	Ifitm1	9.51183E-08	4.35752	Week 3 up vs Week 1
10341974	---		1.29625E-05	4.38021	Week 3 up vs Week 1
10427052	NM_033073 // Krt7 // keratin 7 // 15 F2|15 58.7 cM // 110310 /// ENSMUST00000068	Krt7	1.16728E-06	4.38777	Week 3 up vs Week 1
10416273	NM_145981 // Phyhip // phytanoyl-CoA hydroxylase interacting protein // 14 D2 //	Phyhip	2.99127E-09	4.39717	Week 3 up vs Week 1
10517067	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	1.28908E-06	4.39988	Week 3 up vs Week 1
10391025	NM_008469 // Krt15 // keratin 15 // 11 D|11 58.5 cM // 16665 /// ENSMUST00000107	Krt15	3.42575E-09	4.44441	Week 3 up vs Week 1
10581455	NM_176838 // Esrp2 // epithelial splicing regulatory protein 2 // 8 D3 // 77411	Esrp2	7.53068E-08	4.47728	Week 3 up vs Week 1
10419034	BC049685 // 2610528A11Rik // RIKEN cDNA 2610528A11 gene // 14 B // 70045	2610528A11Rik	8.53032E-05	4.48089	Week 3 up vs Week 1
10502606	NM_207208 // Clca6 // chloride channel calcium activated 6 // 3 H2 // 99663 ///	Clca6	5.81464E-08	4.48241	Week 3 up vs Week 1
10518526	NM_001039554 // Angptl7 // angiopoietin-like 7 // 4 E1 // 654812 /// ENSMUST0000	Angptl7	3.51409E-07	4.5252	Week 3 up vs Week 1
10558840	NM_025886 // Rassf7 // Ras association (RalGDS/AF-6) domain family (N-terminal)	Rassf7	1.36094E-08	4.52741	Week 3 up vs Week 1
10507152	NM_172306 // Cyp4a12b // cytochrome P450, family 4, subfamily a, polypeptide 12B	Cyp4a12b	2.62069E-05	4.52885	Week 3 up vs Week 1
10439282	NM_001033239 // Csta // cystatin A // 16 B3 // 209294 /// ENSMUST00000096090 //	Csta	1.11318E-05	4.53238	Week 3 up vs Week 1
10489204	NM_009373 // Tgm2 // transglutaminase 2, C polypeptide // 2 H1|2 89.0 cM // 2181	Tgm2	9.41483E-10	4.53565	Week 3 up vs Week 1
10550980	NM_133743 // Lypd3 // Ly6/Plaur domain containing 3 // 7 A3 // 72434 /// ENSMUST	Lypd3	5.00307E-06	4.54213	Week 3 up vs Week 1
10569102	NM_016850 // Irf7 // interferon regulatory factor 7 // 7 F5 // 54123 /// ENSMUST	Irf7	2.62978E-08	4.55301	Week 3 up vs Week 1
10542335	NM_181444 // Gprc5a // G protein-coupled receptor, family C, group 5, member A /	Gprc5a	1.44816E-09	4.56632	Week 3 up vs Week 1
10460259	ENSMUST00000100032 // Aldh3b2 // aldehyde dehydrogenase 3 family, member B2 // 1	Aldh3b2	3.15775E-07	4.59419	Week 3 up vs Week 1
10507137	NM_026018 // Pdzk1ip1 // PDZK1 interacting protein 1 // 4 D1 // 67182 /// ENSMUS	Pdzk1ip1	5.73908E-09	4.65454	Week 3 up vs Week 1
10572635	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	1.89682E-06	4.68501	Week 3 up vs Week 1
10474936	NM_016907 // Spint1 // serine protease inhibitor, Kunitz type 1 // 2 E5 // 20732	Spint1	5.07282E-08	4.7124	Week 3 up vs Week 1
10531724	NM_139198 // Plac8 // placenta-specific 8 // 5 E3|5 54.0 cM // 231507 /// ENSMUS	Plac8	3.13595E-07	4.72688	Week 3 up vs Week 1
10404132	NM_001111110 // Cmah // cytidine monophospho-N-acetylneuraminic acid hydroxylase	Cmah	3.67584E-07	4.72711	Week 3 up vs Week 1
10507143	NM_177406 // Cyp4a12a // cytochrome P450, family 4, subfamily a, polypeptide 12a	Cyp4a12a	5.55883E-06	4.74695	Week 3 up vs Week 1
10592001	NM_011176 // St14 // suppression of tumorigenicity 14 (colon carcinoma) // 9 A4|	St14	1.59968E-08	4.80745	Week 3 up vs Week 1
10343030	---		0.000935332	4.82309	Week 3 up vs Week 1
10377439	NM_001159367 // Per1 // period homolog 1 (Drosophila) // 11 B // 18626 /// NM_01	Per1	2.69E-13	4.83586	Week 3 up vs Week 1
10551293	NM_007817 // Cyp2f2 // cytochrome P450, family 2, subfamily f, polypeptide 2 //	Cyp2f2	0.000417985	4.87674	Week 3 up vs Week 1
10568332	NM_133351 // Prss8 // protease, serine, 8 (prostasin) // 7 F3 // 76560 /// ENSMU	Prss8	9.44502E-09	4.90162	Week 3 up vs Week 1
10508829	NM_016693 // Map3k6 // mitogen-activated protein kinase kinase kinase 6 // 4 D2.	Map3k6	5E-15	4.93372	Week 3 up vs Week 1
10493794	NM_025393 // S100a14 // S100 calcium binding protein A14 // 3 F2 // 66166 /// EN	S100a14	1.94211E-06	4.95585	Week 3 up vs Week 1
10535174	NM_001161548 // Tmem184a // transmembrane protein 184a // 5 G2 // 231832 /// NM_	Tmem184a	5.44494E-08	4.98745	Week 3 up vs Week 1

10474526	NM_207206 // Lpcat4 // lysophosphatidylcholine acyltransferase 4 // 2 E3 // 9901	Lpcat4	2.0502E-10	5.02567	Week 3 up vs Week 1
10597182	BC157956 // Nbeal2 // neurobeachin-like 2 // 9 F2 // 235627 /// BC172118 // Nbea	Nbeal2	1.1618E-11	5.02587	Week 3 up vs Week 1
10460251	AK081788 // 1700055N04Rik // RIKEN cDNA 1700055N04 gene // 19 A // 73458 /// XM_	1700055N04Rik	5.95107E-07	5.14641	Week 3 up vs Week 1
10358124	NM_019645 // Pkp1 // plakophilin 1 // 1 E4 // 18772 /// ENSMUST00000027667 // Pk	Pkp1	3.63193E-08	5.17386	Week 3 up vs Week 1
10391052	NM_016958 // Krt14 // keratin 14 // 11 D|11 58.6 cM // 16664 /// ENSMUST00000007	Krt14	3.78754E-08	5.17626	Week 3 up vs Week 1
10341175	---		1.88924E-05	5.21059	Week 3 up vs Week 1
10339282	---		4.68086E-05	5.21973	Week 3 up vs Week 1
10390748	NM_172564 // Tns4 // tensin 4 // 11 D // 217169 /// ENSMUST00000017751 // Tns4 /	Tns4	6.11804E-06	5.24076	Week 3 up vs Week 1
10593035	NM_145403 // Tmprss4 // transmembrane protease, serine 4 // 9 A5.2 // 214523 ///	Tmprss4	1.85184E-09	5.25874	Week 3 up vs Week 1
10429691	NM_134087 // Fam83h // family with sequence similarity 83, member H // 15 D3 //	Fam83h	3.19516E-09	5.27395	Week 3 up vs Week 1
10432682	NM_028770 // Krt80 // keratin 80 // 15 F3|15 // 74127 /// ENSMUST00000077196 //	Krt80	4.31437E-09	5.27468	Week 3 up vs Week 1
10449807	NM_001033163 // Ephx3 // epoxide hydrolase 3 // 17 B1 // 71932 /// ENSMUST000000	Ephx3	1.81532E-09	5.29002	Week 3 up vs Week 1
10341626	---		1.28E-13	5.29774	Week 3 up vs Week 1
10484520	BC120879 // 4833423E24Rik // RIKEN cDNA 4833423E24 gene // 2 D // 228151 /// ENS	4833423E24Rik	1.0964E-06	5.33623	Week 3 up vs Week 1
10515282	NM_133681 // Tspan1 // tetraspanin 1 // 4 C7 // 66805 /// ENSMUST00000030465 //	Tspan1	4.67453E-09	5.36375	Week 3 up vs Week 1
10424113	NM_178920 // Mal2 // mal, T-cell differentiation protein 2 // 15 D1 // 105853 //	Mal2	9.87772E-05	5.37198	Week 3 up vs Week 1
10521892	NM_011402 // Slc34a2 // solute carrier family 34 (sodium phosphate), member 2 //	Slc34a2	1.81852E-06	5.41439	Week 3 up vs Week 1
10349953	NM_027979 // Chit1 // chitinase 1 (chitotriosidase) // 1 E4 // 71884 /// ENSMUST	Chit1	9.51434E-09	5.42669	Week 3 up vs Week 1
10454154	NM_030596 // Dsg3 // desmoglein 3 // 18 A2|18 7.04 cM // 13512 /// ENSMUST000000	Dsg3	1.72536E-06	5.43684	Week 3 up vs Week 1
10470101	NM_027085 // Clic3 // chloride intracellular channel 3 // 2 A3 // 69454 /// ENSM	Clic3	3.60789E-07	5.5557	Week 3 up vs Week 1
10445061	NM_001099632 // Rnf39 // ring finger protein 39 // 17 B1 // 386454 /// ENSMUST00	Rnf39	2.07605E-09	5.55681	Week 3 up vs Week 1
10521537	NM_001081106 // Cytl1 // cytokine-like 1 // 5 B3 // 231162 /// ENSMUST0000007355	Cytl1	1.97566E-10	5.56162	Week 3 up vs Week 1
10599008	NM_020049 // Slc6a14 // solute carrier family 6 (neurotransmitter transporter),	Slc6a14	9.75054E-07	5.65142	Week 3 up vs Week 1
10442381	NM_175440 // Prss27 // protease, serine 27 // 17 A3.3|17 10.6 cM // 213171 /// E	Prss27	2.6105E-11	5.65149	Week 3 up vs Week 1
10549655	NM_026146 // Eps8l1 // EPS8-like 1 // 7 A1 // 67425 /// ENSMUST00000086372 // Ep	Eps8l1	3.59504E-08	5.69463	Week 3 up vs Week 1
10358027	NM_007921 // Elf3 // E74-like factor 3 // 1 F // 13710 /// ENSMUST00000003135 //	Elf3	1.32672E-07	5.70345	Week 3 up vs Week 1
10460253	ENSMUST00000100032 // Aldh3b2 // aldehyde dehydrogenase 3 family, member B2 // 1	Aldh3b2	1.7148E-06	5.73146	Week 3 up vs Week 1
10343508	---		6.69135E-09	5.77247	Week 3 up vs Week 1
10437516	NM_008909 // Ppl // periplakin // 16 A-B1|16 4.4 cM // 19041 /// ENSMUST00000035	Ppl	1.44023E-07	5.78004	Week 3 up vs Week 1
10445678	BC006605 // AI661453 // expressed sequence AI661453 // 17 C // 224833 /// NM_145	AI661453	2.43344E-08	5.8184	Week 3 up vs Week 1
10502575	NM_139148 // Clca4 // chloride channel calcium activated 4 // 3 H2-H3 // 229927	Clca4	1.4026E-08	5.82819	Week 3 up vs Week 1
10424676	NM_008529 // Ly6e // lymphocyte antigen 6 complex, locus E // 15 D3|15 41.7 cM /	Ly6e	1.4201E-11	5.88149	Week 3 up vs Week 1
10561008	NM_001039185 // Ceacam1 // carcinoembryonic antigen-related cell adhesion molecu	Ceacam1	9.57134E-10	6.00909	Week 3 up vs Week 1
10593225	NM_001033324 // Zbtb16 // zinc finger and BTB domain containing 16 // 9 A5.3|9 2	Zbtb16	3E-15	6.06761	Week 3 up vs Week 1
10493474	NM_013605 // Muc1 // mucin 1, transmembrane // 3 F1|3 44.8 cM // 17829 /// ENSMU	Muc1	6.75506E-09	6.07571	Week 3 up vs Week 1
10557862	NM_001082960 // Itgam // integrin alpha M // 7 F4 // 16409 /// NM_008401 // Itga	Itgam	8.92382E-09	6.12635	Week 3 up vs Week 1
10448409	NM_133731 // Prss22 // protease, serine, 22 // 17 A3.3|17 10.7 cM // 70835 /// E	Prss22	2.584E-08	6.14767	Week 3 up vs Week 1
10344101	---		3.74154E-05	6.19567	Week 3 up vs Week 1
10432774	NM_010669 // Krt6b // keratin 6B // 15 F2|15 58.76 cM // 16688 /// ENSMUST000000	Krt6b	1.14571E-07	6.20125	Week 3 up vs Week 1
10432780	NM_008476 // Krt6a // keratin 6A // 15 F2|15 58.77 cM // 16687 /// ENSMUST000000	Krt6a	7.37318E-08	6.33712	Week 3 up vs Week 1
10409713	NM_022317 // Slc28a3 // solute carrier family 28 (sodium-coupled nucleoside tran	Slc28a3	1.70398E-08	6.43862	Week 3 up vs Week 1
10377673	NM_016887 // Cldn7 // claudin 7 // 11 B4 // 53624 /// ENSMUST00000018713 // Cldn	Cldn7	9.99987E-09	6.47677	Week 3 up vs Week 1
10487447	NM_145532 // Mall // mal, T-cell differentiation protein-like // 2 F1 // 228576	Mall	2.4046E-11	6.48248	Week 3 up vs Week 1
10341452	---		1.68468E-08	6.81152	Week 3 up vs Week 1
10356764	NM_172411 // 2310007B03Rik // RIKEN cDNA 2310007B03 gene // 1 D // 71874 /// NM_	2310007B03Rik	3.69469E-09	6.931	Week 3 up vs Week 1
10499412	NM_016899 // Rab25 // RAB25, member RAS oncogene family // 3 E3-F1 // 53868 ///	Rab25	1.24805E-08	6.93389	Week 3 up vs Week 1
10444674	NM_023463 // Ly6g6c // lymphocyte antigen 6 complex, locus G6C // 17 B1 // 68468	Ly6g6c	5.48742E-07	7.08253	Week 3 up vs Week 1
10460782	NM_130453 // Gpha2 // glycoprotein hormone alpha 2 // 19 A // 170458 /// ENSMUST	Gpha2	2.4075E-11	7.13151	Week 3 up vs Week 1
10449452	NM_010220 // Fkbp5 // FK506 binding protein 5 // 17 A3.3|17 13.0 cM // 14229 ///	Fkbp5	0	7.23802	Week 3 up vs Week 1
10338332	---		1.78705E-05	7.27308	Week 3 up vs Week 1
10435112	NM_080457 // Muc4 // mucin 4 // 16 B3 // 140474 /// ENSMUST00000096106 // Muc4 /	Muc4	3.7003E-09	7.34089	Week 3 up vs Week 1
10393936	NM_007621 // Cbr2 // carbonyl reductase 2 // 11 E2|11 72.5 cM // 12409 /// ENSMU	Cbr2	1.96256E-10	7.46896	Week 3 up vs Week 1
10391013	NM_010662 // Krt13 // keratin 13 // 11 D|11 58.49 cM // 16663 /// ENSMUST0000000	Krt13	3.90432E-10	7.48905	Week 3 up vs Week 1
10365640	NM_145423 // Slc5a8 // solute carrier family 5 (iodide transporter), member 8 //	Slc5a8	3.77424E-10	7.54461	Week 3 up vs Week 1
10432886	NM_008475 // Krt4 // keratin 4 // 15 F3|15 58.84 cM // 16682 /// ENSMUST00000023	Krt4	6.02949E-09	7.56735	Week 3 up vs Week 1
10469786	NM_153511 // Il1f9 // interleukin 1 family, member 9 // 2 A3|2 10.25 cM // 21525	Il1f9	1.42659E-10	7.88516	Week 3 up vs Week 1
10561478	NM_001081115 // Nccrp1 // non-specific cytotoxic cell receptor protein 1 homolog	Nccrp1	2.82452E-10	8.18463	Week 3 up vs Week 1
10391066	NM_010663 // Krt17 // keratin 17 // 11 D|11 58.7 cM // 16667 /// ENSMUST00000080	Krt17	1.421E-09	8.3029	Week 3 up vs Week 1
10387838	NM_145684 // Alox12e // arachidonate lipoxygenase, epidermal // 11 B3|11 40.0 cM	Alox12e	2.77976E-06	8.51362	Week 3 up vs Week 1
10464137	BC090250 // 9930023K05Rik // RIKEN cDNA 9930023K05 gene // 19 D2 // 226245 /// B	9930023K05Rik	2.00765E-08	8.59055	Week 3 up vs Week 1
10429506	NM_026671 // Lypd2 // Ly6/Plaur domain containing 2 // 15 E1 // 68311 /// ENSMUS	Lypd2	2.68363E-05	9.05386	Week 3 up vs Week 1
10426767	NM_009701 // Aqp5 // aquaporin 5 // 15 F1|15 56.8 cM // 11830 /// ENSMUST0000004	Aqp5	1.73893E-07	9.21118	Week 3 up vs Week 1
10539739	NM_026414 // Asprv1 // aspartic peptidase, retroviral-like 1 // 6 D1 // 67855 //	Asprv1	1.92898E-10	9.86837	Week 3 up vs Week 1
10450525	AB242596 // Gm9573 // predicted gene 9573 // 17 B1|17 // 672682	Gm9573	1.28017E-09	10.1586	Week 3 up vs Week 1
10521038	NM_019810 // Slc5a1 // solute carrier family 5 (sodium/glucose cotransporter), m	Slc5a1	3.51701E-10	10.4986	Week 3 up vs Week 1

10387855	NM_009660 // Alox15 // arachidonate 15-lipoxygenase // 11 B3|11 40.0 cM // 11687	Alox15	1.55481E-09	10.7514	Week 3 up vs Week 1
10585186	NM_029639 // 1600029D21Rik // RIKEN cDNA 1600029D21 gene // 9 B // 76509 /// ENS	1600029D21Rik	3.913E-11	12.8511	Week 3 up vs Week 1
10550509	NM_009402 // Pglyrp1 // peptidoglycan recognition protein 1 // 7 A3 // 21946 ///	Pglyrp1	1.44E-13	16.6075	Week 3 up vs Week 1
10606178	NR_001463 // Xist // inactive X specific transcripts // X D // 213742 /// NR_001	Xist	0.00154878	24.8225	Week 3 up vs Week 1
10424662	NM_028216 // Psca // prostate stem cell antigen // 15 D3 // 72373 /// ENSMUST000	Psca	2.35248E-09	38.2716	Week 3 up vs Week 1

Week 3 vs 2 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 3 vs. Week 2)	Fold-Change(Week 3 vs. Week 2)	Fold-Change(Week 3 vs. Week 2) (Description)
10598075	---		5.93789E-09	-5.53107	Week 3 down vs Week 2
10608573	---		0.00617846	-5.10947	Week 3 down vs Week 2
10608576	---		0.00617846	-5.10947	Week 3 down vs Week 2
10598041	---		1.87141E-07	-5.02588	Week 3 down vs Week 2
10598018	---		1.11623E-07	-4.96554	Week 3 down vs Week 2
10598077	---		3.79699E-08	-4.85839	Week 3 down vs Week 2
10608222	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.0073229	-4.82002	Week 3 down vs Week 2
10608321	---		0.0073229	-4.82002	Week 3 down vs Week 2
10608448	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.0073229	-4.82002	Week 3 down vs Week 2
10598064	---		6.14744E-08	-4.63335	Week 3 down vs Week 2
10338067	---		5.16876E-09	-4.59406	Week 3 down vs Week 2
10340926	---		1.53871E-06	-4.56907	Week 3 down vs Week 2
10608426	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00812172	-4.51866	Week 3 down vs Week 2
10598081	---		2.83313E-08	-4.50699	Week 3 down vs Week 2
10582582	---		9.01438E-05	-4.50043	Week 3 down vs Week 2
10582584	---		9.01438E-05	-4.50043	Week 3 down vs Week 2
10455015	NR_027885 // Vaultrc5 // vault RNA component 5 // --- // 378472	Vaultrc5	3.51449E-06	-4.49238	Week 3 down vs Week 2
10608474	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00924715	-4.47143	Week 3 down vs Week 2
10474102	---		1.26842E-06	-4.45401	Week 3 down vs Week 2
10608583	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00872503	-4.45015	Week 3 down vs Week 2
10608567	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.00845831	-4.40253	Week 3 down vs Week 2
10556734	NM_054094 // Acsm1 // acyl-CoA synthetase medium-chain family member 1 // 7 F3 /	Acsm1	0.000286323	-4.35587	Week 3 down vs Week 2
10341453	---		0.000118985	-4.3298	Week 3 down vs Week 2
10608531	---		0.00562301	-4.2915	Week 3 down vs Week 2
10608382	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0114809	-4.2847	Week 3 down vs Week 2
10598062	---		1.66347E-07	-4.13363	Week 3 down vs Week 2
10608293	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.0213593	-4.12098	Week 3 down vs Week 2
10598083	---		2.37671E-08	-4.03844	Week 3 down vs Week 2
10343674	---		1.33226E-07	-3.98429	Week 3 down vs Week 2
10608480	XR_030669 // LOC100039147 // similar to spermiogenesis specific transcript on th	LOC100039147	0.0188912	-3.97908	Week 3 down vs Week 2
10608596	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0119729	-3.90785	Week 3 down vs Week 2
10608209	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0166303	-3.87661	Week 3 down vs Week 2
10598225	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	1.30168E-05	-3.81015	Week 3 down vs Week 2
10608394	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0210574	-3.79926	Week 3 down vs Week 2
10599086			0.000013808	-3.70198	Week 3 down vs Week 2
10608308	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0238819	-3.68582	Week 3 down vs Week 2
10598073	---		6.84366E-08	-3.6816	Week 3 down vs Week 2
10598220			2.00401E-05	-3.63538	Week 3 down vs Week 2
10338732	---		0.00112495	-3.62594	Week 3 down vs Week 2
10598218	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	1.75603E-05	-3.61756	Week 3 down vs Week 2
10603232	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	1.71129E-05	-3.59176	Week 3 down vs Week 2
10603237	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	1.71129E-05	-3.59176	Week 3 down vs Week 2
10598183	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	1.44166E-05	-3.57928	Week 3 down vs Week 2
10598057	---		9.2038E-06	-3.57475	Week 3 down vs Week 2
10608247	ENSMUST00000105540 // LOC100042196 // similar to spermiogenesis specific transcr	LOC100042196	0.0232157	-3.54868	Week 3 down vs Week 2
10582884	---		9.08615E-08	-3.49569	Week 3 down vs Week 2
10549917	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_1989	Vmn2r43	1.90633E-08	-3.45782	Week 3 down vs Week 2
10598053	---		1.06772E-05	-3.44664	Week 3 down vs Week 2
10608551			0.0207276	-3.44421	Week 3 down vs Week 2
10338065	---		1.08338E-07	-3.42871	Week 3 down vs Week 2
10608482	ENSMUST00000115889 // LOC665746 // similar to spermiogenesis specific transcript	LOC665746	0.0226557	-3.42694	Week 3 down vs Week 2
10461162	NR_004445 // Snord22 // small nucleolar RNA, C/D box 22 // --- // 100127111	Snord22	1.9616E-07	-3.37297	Week 3 down vs Week 2
10405876	ENSMUST00000079272 // Gm10324 // predicted gene 10324 // 13 B3|13 // 628709	Gm10324	4.24507E-09	-3.3588	Week 3 down vs Week 2
10599096	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.92759E-06	-3.3374	Week 3 down vs Week 2
10603975	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.92759E-06	-3.3374	Week 3 down vs Week 2
10603986	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	5.19964E-06	-3.32232	Week 3 down vs Week 2
10604023	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	5.19964E-06	-3.32232	Week 3 down vs Week 2
10598023	---		2.77591E-07	-3.32187	Week 3 down vs Week 2
10341771	---		0.00194816	-3.32165	Week 3 down vs Week 2
10599075	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	8.12987E-06	-3.31157	Week 3 down vs Week 2
10599107	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	8.12987E-06	-3.31157	Week 3 down vs Week 2
10603964	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	8.12987E-06	-3.31157	Week 3 down vs Week 2
10603997	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	8.12987E-06	-3.31157	Week 3 down vs Week 2

10604008	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	8.12987E-06	-3.31157	Week 3 down vs Week 2
10582918	---		6.98419E-07	-3.29714	Week 3 down vs Week 2
10582580	---		0.00014755	-3.28038	Week 3 down vs Week 2
10608273	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.0248841	-3.26951	Week 3 down vs Week 2
10338064	---		1.5726E-07	-3.24821	Week 3 down vs Week 2
10559890	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	2.60072E-07	-3.24769	Week 3 down vs Week 2
10608342	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.0236518	-3.24708	Week 3 down vs Week 2
10362422	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00184466	-3.23761	Week 3 down vs Week 2
10559901	NM_009493 // Vmn2r42 // vomeronasal 2, receptor 42 // 7 A1|7 4.5 cM // 22310 ///	Vmn2r42	7.80747E-08	-3.21771	Week 3 down vs Week 2
10599064	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.0477E-06	-3.21135	Week 3 down vs Week 2
10454113	NM_010079 // Dsg1a // desmoglein 1 alpha // 18 A2|18 7.01 cM // 13510 /// NM_181	Dsg1a	0.00653695	-3.21005	Week 3 down vs Week 2
10598071	---		1.56679E-05	-3.20612	Week 3 down vs Week 2
10340718	---		5.17399E-07	-3.19748	Week 3 down vs Week 2
10559883	NM_009493 // Vmn2r42 // vomeronasal 2, receptor 42 // 7 A1|7 4.5 cM // 22310 ///	Vmn2r42	1.11583E-07	-3.14565	Week 3 down vs Week 2
10559894	NM_001105066 // Vmn2r34 // vomeronasal 2, receptor 34 // 7 A1 // 100042636 /// N	Vmn2r34	1.05244E-07	-3.12308	Week 3 down vs Week 2
10378438	---		7.47312E-05	-3.09298	Week 3 down vs Week 2
10598089	---		2.93322E-07	-3.08752	Week 3 down vs Week 2
10549904	NM_009489 // Vmn2r37 // vomeronasal 2, receptor 37 // 7 A1 // 22305 /// NM_00110	Vmn2r37	2.53808E-07	-3.08172	Week 3 down vs Week 2
10559931	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	4.39859E-07	-3.07809	Week 3 down vs Week 2
10375173	---		6.02154E-06	-3.05565	Week 3 down vs Week 2
10608488	ENSMUST00000108733 // LOC665128 // similar to spermiogenesis specific transcript	LOC665128	0.023335	-3.04975	Week 3 down vs Week 2
10598079	---		1.89028E-06	-3.04651	Week 3 down vs Week 2
10549923	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	6.54416E-07	-3.03974	Week 3 down vs Week 2
10549938	NM_001105066 // Vmn2r34 // vomeronasal 2, receptor 34 // 7 A1 // 100042636 /// N	Vmn2r34	3.64323E-07	-3.03105	Week 3 down vs Week 2
10608521	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.0245961	-3.02551	Week 3 down vs Week 2
10559871	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	5.4186E-07	-3.02151	Week 3 down vs Week 2
10513420	NM_001134675 // Mup7 // major urinary protein 7 // 4 B3|4 // 100041658 /// NM_00	Mup7	6.54827E-08	-2.98397	Week 3 down vs Week 2
10608260	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.0248583	-2.9557	Week 3 down vs Week 2
10513504	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_00116301	Mup2	1.32715E-07	-2.9502	Week 3 down vs Week 2
10513437	NM_008647 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_001045550 /	Mup2	1.22891E-07	-2.94567	Week 3 down vs Week 2
10362424	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00498992	-2.94552	Week 3 down vs Week 2
10603953	NM_001040669 // Gm5169 // predicted gene 5169 // X A2 // 382277 /// NM_001109970	Gm5169	1.49422E-05	-2.94426	Week 3 down vs Week 2
10339223	---		7.59631E-06	-2.94396	Week 3 down vs Week 2
10603926	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.69775E-06	-2.93337	Week 3 down vs Week 2
10339660	---		6.78302E-09	-2.92894	Week 3 down vs Week 2
10513428	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_008647 /	Mup2	9.87167E-08	-2.92848	Week 3 down vs Week 2
10559908	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	2.77236E-07	-2.92701	Week 3 down vs Week 2
10419122	ENSMUST00000095981 // Gm8020 // predicted gene 8020 // 14 B // 666280	Gm8020	1.77005E-06	-2.92598	Week 3 down vs Week 2
10414241	ENSMUST00000064162 // 1700024B05Rik // RIKEN cDNA 1700024B05 gene // 14 B // 755	1700024B05Rik	6.79336E-07	-2.91687	Week 3 down vs Week 2
10513455	NM_008647 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_001163011 /	Mup2	1.75363E-07	-2.89971	Week 3 down vs Week 2
10559928	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	2.6244E-06	-2.88748	Week 3 down vs Week 2
10362674	NR_002842 // Rnu3a // U3A small nuclear RNA // 10 B1 // 19850	Rnu3a	6.70872E-08	-2.87648	Week 3 down vs Week 2
10582860	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	6.7744E-07	-2.87076	Week 3 down vs Week 2
10582877	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	6.7744E-07	-2.87076	Week 3 down vs Week 2
10608668	---		1.50915E-08	-2.86579	Week 3 down vs Week 2
10603911	---		1.87927E-05	-2.86571	Week 3 down vs Week 2
10530960	NM_145561 // Tmprss11d // transmembrane protease, serine 11d // 5 E1 // 231382 /	Tmprss11d	0.00832752	-2.86033	Week 3 down vs Week 2
10598091	---		1.11183E-06	-2.8593	Week 3 down vs Week 2
10341357	---		1.48616E-08	-2.85249	Week 3 down vs Week 2
10550760	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20686	V1rd14	5.96442E-07	-2.84889	Week 3 down vs Week 2
10530974	NM_001033233 // Tmprss11a // transmembrane protease, serine 11a // 5 E1 // 19459	Tmprss11a	0.0206894	-2.84594	Week 3 down vs Week 2
10419119	ENSMUST00000095981 // Gm8020 // predicted gene 8020 // 14 B // 666280	Gm8020	3.43918E-06	-2.83891	Week 3 down vs Week 2
10338047	---		2.12046E-07	-2.8331	Week 3 down vs Week 2
10555233	---		1.06579E-06	-2.83243	Week 3 down vs Week 2
10505254	---		3.84013E-07	-2.82784	Week 3 down vs Week 2
10560752	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	7.45647E-07	-2.82543	Week 3 down vs Week 2
10603936	NM_001025607 // Gm5168 // predicted gene 5168 // X A2|X // 382275 /// NM_0011049	Gm5168	1.70034E-05	-2.80872	Week 3 down vs Week 2
10554162	---		5.12886E-08	-2.79879	Week 3 down vs Week 2
10550320	---		1.22653E-07	-2.7929	Week 3 down vs Week 2
10513472	NM_008647 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_001045550 /	Mup2	1.84087E-07	-2.77712	Week 3 down vs Week 2
10519811	NR_001584 // Speer8-ps1 // spermatogenesis associated glutamate (E)-rich protein	Speer8-ps1	6.71947E-06	-2.77648	Week 3 down vs Week 2
10419147	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	6.26603E-06	-2.76461	Week 3 down vs Week 2
10528821	NM_001134299 // Gm10220 // predicted gene 10220 // 5 B1 // 434689 /// NM_207657	Gm10220	8.24684E-08	-2.76352	Week 3 down vs Week 2
10513467	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_00116301	Mup2	6.48158E-07	-2.76333	Week 3 down vs Week 2
10380059	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	3.35835E-07	-2.75441	Week 3 down vs Week 2

10380061	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	3.35835E-07	-2.75441	Week 3 down vs Week 2
10380063	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	3.35835E-07	-2.75441	Week 3 down vs Week 2
10380065	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	3.35835E-07	-2.75441	Week 3 down vs Week 2
10608460	ENSMUST00000115908 // LOC665698 // similar to spermiogenesis specific transcript	LOC665698	0.0233776	-2.75425	Week 3 down vs Week 2
10560742	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2068	V1rd21	5.74303E-07	-2.74903	Week 3 down vs Week 2
10582572	---		5.71308E-05	-2.74372	Week 3 down vs Week 2
10419128	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	7.10781E-06	-2.74338	Week 3 down vs Week 2
10419132	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	7.10781E-06	-2.74338	Week 3 down vs Week 2
10419116	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	8.27918E-06	-2.74193	Week 3 down vs Week 2
10560789	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2068	V1rd21	5.37308E-07	-2.73814	Week 3 down vs Week 2
10559880	NM_001105065 // Vmn2r33 // vomeronasal 2, receptor33 // 7 A1 // 624512 /// NM_00	Vmn2r33	1.82319E-06	-2.73767	Week 3 down vs Week 2
10550768	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2075	V1rd21	2.92299E-07	-2.73512	Week 3 down vs Week 2
10549921	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_1989	Vmn2r43	1.46704E-06	-2.73474	Week 3 down vs Week 2
10403021	ENSMUST00000103517 // Gm7016 // predicted gene 7016 // 12 F2|12 // 629908 /// EN	Gm7016	3.00525E-06	-2.72857	Week 3 down vs Week 2
10417235	EF651820 // Gm3264 // predicted gene 3264 // 14 A1|14 // 100041306 /// CT010181	Gm3264	1.21008E-06	-2.72686	Week 3 down vs Week 2
10417315	EF651820 // Gm3264 // predicted gene 3264 // 14 A1|14 // 100041306 /// EF651808	Gm3264	1.21008E-06	-2.72686	Week 3 down vs Week 2
10362420	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00141542	-2.72528	Week 3 down vs Week 2
10560744	NM_203489 // V1rd15 // vomeronasal 1 receptor, D15 // 7 A3 // 209824 /// NM_2068	V1rd15	1.32653E-06	-2.71779	Week 3 down vs Week 2
10523325	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	9.73588E-07	-2.70734	Week 3 down vs Week 2
10551250	---		4.56536E-07	-2.70369	Week 3 down vs Week 2
10528815	NM_207657 // 5031410I06Rik // RIKEN cDNA 5031410I06 gene // 5 B1 // 381622 /// N	5031410I06Rik	1.63336E-07	-2.69852	Week 3 down vs Week 2
10419140	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	1.59573E-06	-2.68786	Week 3 down vs Week 2
10600480	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000684907	-2.67959	Week 3 down vs Week 2
10603230	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000684907	-2.67959	Week 3 down vs Week 2
10605353	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000684907	-2.67959	Week 3 down vs Week 2
10528177	NM_001122661 // Speer4e // spermatogenesis associated glutamate (E)-rich protein	Speer4e	3.50296E-06	-2.6772	Week 3 down vs Week 2
10550770	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// BC11587	V1rd21	6.43542E-07	-2.65641	Week 3 down vs Week 2
10347919	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	8.02006E-07	-2.65573	Week 3 down vs Week 2
10356291	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	8.02006E-07	-2.65573	Week 3 down vs Week 2
10528804	NM_207657 // 5031410I06Rik // RIKEN cDNA 5031410I06 gene // 5 B1 // 381622 /// N	5031410I06Rik	5.09262E-07	-2.65407	Week 3 down vs Week 2
10560730	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2034	V1rd21	8.0538E-07	-2.6517	Week 3 down vs Week 2
10560783	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_0307	V1rd21	8.0538E-07	-2.6517	Week 3 down vs Week 2
10550208	ENSMUST00000098805 // Gm3994 // predicted gene 3994 // 7 A1|7 // 100042728 /// E	Gm3994	8.76085E-06	-2.63981	Week 3 down vs Week 2
10550189	ENSMUST00000098806 // Gm10679 // predicted gene 10679 // 7 A2 // 100042753 /// E	Gm10679	6.30569E-06	-2.6383	Week 3 down vs Week 2
10419125	XR_032222 // Gm5929 // predicted gene 5929 // 14 B // 546249 /// XR_032222 // Gm	Gm5929	9.01836E-06	-2.63803	Week 3 down vs Week 2
10419111	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	2.38784E-06	-2.63603	Week 3 down vs Week 2
10550782	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20686	V1rd14	1.10204E-06	-2.63319	Week 3 down vs Week 2
10560791	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	8.14709E-07	-2.63258	Week 3 down vs Week 2
10560728	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20754	V1rd14	7.48748E-07	-2.63256	Week 3 down vs Week 2
10603914	NM_001109969 // Gm10058 // predicted gene 10058 // X A2|X // 100039240 /// NM_00	Gm10058	0.00002524	-2.62911	Week 3 down vs Week 2
10442493	---		1.13598E-07	-2.6177	Week 3 down vs Week 2
10528810	NM_029376 // Speer4a // spermatogenesis associated glutamate (E)-rich protein 4a	Speer4a	8.9778E-07	-2.61342	Week 3 down vs Week 2
10560740	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// BC15440	V1rd21	8.29419E-07	-2.60177	Week 3 down vs Week 2
10560787	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// BC15440	V1rd21	8.29419E-07	-2.60177	Week 3 down vs Week 2
10528183	NM_001122661 // Speer4e // spermatogenesis associated glutamate (E)-rich protein	Speer4e	5.35029E-06	-2.59862	Week 3 down vs Week 2
10564183	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000079932	-2.59559	Week 3 down vs Week 2
10408861	NM_175417 // 9530008L14Rik // RIKEN cDNA 9530008L14 gene // 13 A4 // 109254 ///	9530008L14Rik	0.00428582	-2.59459	Week 3 down vs Week 2
10560795	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20686	V1rd14	6.83693E-07	-2.5862	Week 3 down vs Week 2
10550786	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	1.03565E-06	-2.58406	Week 3 down vs Week 2
10582916	---		3.96708E-06	-2.58335	Week 3 down vs Week 2
10513497	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_00116301	Mup2	3.90249E-07	-2.58029	Week 3 down vs Week 2
10564161	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.10354E-05	-2.57103	Week 3 down vs Week 2
10608280	---		0.00441141	-2.57102	Week 3 down vs Week 2
10608325	---		0.00441141	-2.57102	Week 3 down vs Week 2
10608499	---		0.00441141	-2.57102	Week 3 down vs Week 2
10560754	---		1.16364E-06	-2.56959	Week 3 down vs Week 2
10339585	---		2.82024E-07	-2.56519	Week 3 down vs Week 2
10580635	NM_053200 // Ces3 // carboxylesterase 3 // 8 C5 // 104158 /// ENSMUST00000034172	Ces3	0.00328745	-2.5606	Week 3 down vs Week 2
10598032	---		1.40997E-06	-2.55897	Week 3 down vs Week 2
10417415	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	1.01017E-06	-2.55872	Week 3 down vs Week 2
10410248	ENSMUST00000071320 // Zfp640 // zinc finger protein 640 // 13 B3|13 // 386626 //	Zfp640	1.1757E-07	-2.55543	Week 3 down vs Week 2
10560732	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2075	V1rd21	9.39562E-07	-2.55536	Week 3 down vs Week 2
10560760	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	6.53885E-07	-2.5518	Week 3 down vs Week 2
10560773	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	6.53885E-07	-2.5518	Week 3 down vs Week 2
10560803	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	6.53885E-07	-2.5518	Week 3 down vs Week 2

10564163	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564167	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564171	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564173	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564175	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564179	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564181	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564185	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564187	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564189	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564191	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564193	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564195	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564197	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564199	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564201	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564205	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10564207	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	8.35698E-05	-2.55041	Week 3 down vs Week 2
10582562	---		1.31787E-05	-2.54956	Week 3 down vs Week 2
10362428	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0100071	-2.54817	Week 3 down vs Week 2
10417264	NM_001024712 // 544988 // predicted gene, 544988 // 14 A1 // 544988 /// BC080297	544988	8.60881E-07	-2.54676	Week 3 down vs Week 2
10417446	EF651825 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 /// N	D830030K20Rik	1.27246E-06	-2.54624	Week 3 down vs Week 2
10417452	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	1.27246E-06	-2.54624	Week 3 down vs Week 2
10417286			1.20655E-06	-2.54107	Week 3 down vs Week 2
10560797	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20754	V1rd14	1.24428E-06	-2.54098	Week 3 down vs Week 2
10550193	ENSMUST00000098805 // Gm3994 // predicted gene 3994 // 7 A1|7 // 100042728 /// E	Gm3994	1.40782E-05	-2.54005	Week 3 down vs Week 2
10564159	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	9.60345E-05	-2.53828	Week 3 down vs Week 2
10582890	---		5.34865E-07	-2.53637	Week 3 down vs Week 2
10339836	---		7.19338E-08	-2.53594	Week 3 down vs Week 2
10519805	NM_025759 // Speer4d // spermatogenesis associated glutamate (E)-rich protein 4d	Speer4d	4.34046E-06	-2.53378	Week 3 down vs Week 2
10587778	---		0.00186443	-2.53221	Week 3 down vs Week 2
10338066	---		3.93549E-07	-2.52581	Week 3 down vs Week 2
10417226			1.60104E-06	-2.52146	Week 3 down vs Week 2
10560785	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2034	V1rd21	1.21231E-06	-2.52053	Week 3 down vs Week 2
10451677	---		1.40526E-07	-2.51649	Week 3 down vs Week 2
10523756	---		1.40526E-07	-2.51649	Week 3 down vs Week 2
10537504	---		1.40526E-07	-2.51649	Week 3 down vs Week 2
10338374	---		2.14672E-08	-2.5149	Week 3 down vs Week 2
10412520			1.03983E-06	-2.51351	Week 3 down vs Week 2
10417245	---		2.04424E-06	-2.51235	Week 3 down vs Week 2
10505240	---		3.78731E-07	-2.5119	Week 3 down vs Week 2
10417319	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	1.50575E-06	-2.51185	Week 3 down vs Week 2
10564143	---		0.000232856	-2.51178	Week 3 down vs Week 2
10564147	---		0.000232856	-2.51178	Week 3 down vs Week 2
10412513	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	5.86548E-06	-2.51089	Week 3 down vs Week 2
10417773	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// NM_00102	Gm5458	2.0582E-06	-2.51021	Week 3 down vs Week 2
10341658	---		1.89382E-06	-2.50477	Week 3 down vs Week 2
10344210	---		4.79363E-06	-2.50147	Week 3 down vs Week 2
10528794	NM_029376 // Speer4a // spermatogenesis associated glutamate (E)-rich protein 4a	Speer4a	4.06086E-06	-2.50057	Week 3 down vs Week 2
10564041	---		0.000242445	-2.50024	Week 3 down vs Week 2
10574415	ENSMUST00000065508 // 1700047G07Rik // RIKEN cDNA 1700047G07 gene // --- // 7332	1700047G07Rik	2.96573E-09	-2.49758	Week 3 down vs Week 2
10564177	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000065829	-2.49688	Week 3 down vs Week 2
10417504	BC100412 // 1700001E04Rik // RIKEN cDNA 1700001E04 gene // 14 A1 // 75438 /// EF	1700001E04Rik	2.46462E-06	-2.49481	Week 3 down vs Week 2
10347915	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	7.06814E-06	-2.4938	Week 3 down vs Week 2
10550778	NM_001122682 // LOC100043604 // V3R8-like protein // 7 A3 // 100043604	LOC100043604	9.25222E-07	-2.49258	Week 3 down vs Week 2
10560767	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	9.25222E-07	-2.49258	Week 3 down vs Week 2
10474497	NM_001011773 // Olfr1287 // olfactory receptor 1287 // 2 E3 // 257935 /// NM_207	Olfr1287	1.92598E-07	-2.48835	Week 3 down vs Week 2
10564135	---		0.000218092	-2.48771	Week 3 down vs Week 2
10599673	BC145074 // 4930527E24Rik // RIKEN cDNA 4930527E24 gene // X A5 // 75140 /// ENS	4930527E24Rik	3.48696E-05	-2.48516	Week 3 down vs Week 2
10417239			2.61512E-06	-2.48495	Week 3 down vs Week 2
10528191	NM_025759 // Speer4d // spermatogenesis associated glutamate (E)-rich protein 4d	Speer4d	7.81505E-06	-2.48098	Week 3 down vs Week 2
10412537	EF651810 // B930046C15Rik // RIKEN cDNA B930046C15 gene // 14 A1 // 544998 /// E	B930046C15Rik	1.15075E-06	-2.47418	Week 3 down vs Week 2
10417492	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// NM_00102	Gm5458	1.74403E-06	-2.4733	Week 3 down vs Week 2
10564165	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	9.02144E-05	-2.47094	Week 3 down vs Week 2
10513512	NM_001163011 // Mup1 // major urinary protein 1 // 4 B3|4 27.8 cM // 17840 /// N	Mup1	2.32194E-06	-2.47014	Week 3 down vs Week 2

10417258	NM_001024712 // 544988 // predicted gene, 544988 // 14 A1 // 544988 /// ENSMUST0	544988	2.31153E-06	-2.4689	Week 3 down vs Week 2
10564011	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000296757	-2.46735	Week 3 down vs Week 2
10417359	EF651808 // Hn1l // hematological and neurological expressed 1-like // 17 A3.3|1	Hn1l	9.58029E-07	-2.46676	Week 3 down vs Week 2
10375791	NM_146909 // Olfr51 // olfactory receptor 51 // 11 B1.3 // 18351 /// NM_147041 /	Olfr51	1.9474E-07	-2.46652	Week 3 down vs Week 2
10505246	---		6.64515E-06	-2.465	Week 3 down vs Week 2
10505258	---		6.64515E-06	-2.465	Week 3 down vs Week 2
10417421	EF651808 // Hn1l // hematological and neurological expressed 1-like // 17 A3.3|1	Hn1l	1.06708E-06	-2.46458	Week 3 down vs Week 2
10560780	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2075	V1rd21	3.34353E-06	-2.46456	Week 3 down vs Week 2
10563937	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10563947	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10563951	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10563953	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10563957	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10563995	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10563997	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10563999	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10564001	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10564003	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10564007	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10564029	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10564031	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000285789	-2.46225	Week 3 down vs Week 2
10564035	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564039	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564051	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564059	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564061	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564063	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564065	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000285789	-2.46225	Week 3 down vs Week 2
10564067	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564071	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564075	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564081	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564083	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564131	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564133	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564141	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564145	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564149	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564151	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564153	---		0.000285789	-2.46225	Week 3 down vs Week 2
10564155	---		0.000285789	-2.46225	Week 3 down vs Week 2
10549929	NM_001105065 // Vmn2r33 // vomeronasal 2, receptor33 // 7 A1 // 624512 /// NM_00	Vmn2r33	9.20075E-06	-2.45966	Week 3 down vs Week 2
10542221	---		4.15285E-07	-2.45778	Week 3 down vs Week 2
10523337	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	4.62487E-05	-2.45766	Week 3 down vs Week 2
10536025	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	4.62487E-05	-2.45766	Week 3 down vs Week 2
10550765	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	3.10459E-06	-2.45688	Week 3 down vs Week 2
10564019	---		0.000215342	-2.45577	Week 3 down vs Week 2
10563935	---		0.000298462	-2.4512	Week 3 down vs Week 2
10564045	---		0.000298462	-2.4512	Week 3 down vs Week 2
10564047	---		0.000298462	-2.4512	Week 3 down vs Week 2
10528207	NM_001159557 // Cd36 // CD36 antigen // 5 A3|5 2.0 cM // 12491 /// NM_001159558	Cd36	0.00714053	-2.4484	Week 3 down vs Week 2
10536052	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	3.62558E-05	-2.44556	Week 3 down vs Week 2
10536143	ENSMUST00000099243 // LOC624931 // similar to D5Ertd577e protein // --- // 62493	LOC624931	3.62558E-05	-2.44556	Week 3 down vs Week 2
10564169	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	8.87118E-05	-2.43799	Week 3 down vs Week 2
10410244	ENSMUST00000071320 // Zfp640 // zinc finger protein 640 // 13 B3|13 // 386626 //	Zfp640	5.82769E-08	-2.43732	Week 3 down vs Week 2
10542894	---		1.01072E-07	-2.43628	Week 3 down vs Week 2
10412503			1.22713E-06	-2.43524	Week 3 down vs Week 2
10414234	NM_001013816 // Gm5622 // predicted gene 5622 // 14 C2|14 // 434459 /// NM_00101	Gm5622	1.20722E-06	-2.43502	Week 3 down vs Week 2
10582896	---		5.07684E-06	-2.43492	Week 3 down vs Week 2
10603242	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000542203	-2.43456	Week 3 down vs Week 2
10602221	---		2.47223E-06	-2.43076	Week 3 down vs Week 2
10598169	BC147588 // 4930449I24Rik // RIKEN cDNA 4930449I24 gene // 5 G3 // 67410 /// BC1	4930449I24Rik	6.01165E-05	-2.42427	Week 3 down vs Week 2
10417326	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	1.54581E-06	-2.42009	Week 3 down vs Week 2
10338214	---		6.49821E-06	-2.4177	Week 3 down vs Week 2
10417371	AK049619 // ENSMUSG00000068790 // predicted gene, ENSMUSG00000068790 // 14 A1|14	ENSMUSG0000	1.18301E-06	-2.40902	Week 3 down vs Week 2

10582882	---		5.09902E-06	-2.40549	Week 3 down vs Week 2
10564013	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000372655	-2.40448	Week 3 down vs Week 2
10564017	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000372655	-2.40448	Week 3 down vs Week 2
10417458	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// ENSMUST0	Gm5458	0.000013629	-2.39786	Week 3 down vs Week 2
10599058	---		4.65348E-05	-2.39416	Week 3 down vs Week 2
10599060	---		4.65348E-05	-2.39416	Week 3 down vs Week 2
10599062	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10599073	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10599094	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10599105	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10603962	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10603973	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10603984	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10603995	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10604006	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10604017	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10604021	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	4.65348E-05	-2.39416	Week 3 down vs Week 2
10608438	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00840068	-2.39353	Week 3 down vs Week 2
10417501	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	5.97029E-06	-2.39325	Week 3 down vs Week 2
10598227	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000279	-2.39119	Week 3 down vs Week 2
10550762	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	2.60522E-06	-2.38681	Week 3 down vs Week 2
10550775			2.60522E-06	-2.38681	Week 3 down vs Week 2
10357001	---		7.14525E-06	-2.38638	Week 3 down vs Week 2
10412549	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	3.29894E-06	-2.37943	Week 3 down vs Week 2
10417302	ENSMUST00000090652 // 544988 // predicted gene, 544988 // 14 A1 // 544988 /// EN	544988	1.8221E-06	-2.37092	Week 3 down vs Week 2
10537169	NM_009731 // Akr1b7 // aldo-keto reductase family 1, member B7 // 6 B1|6 14.0 cM	Akr1b7	0.000906086	-2.36993	Week 3 down vs Week 2
10417373	EF651835 // ENSMUSG00000079376 // predicted gene, ENSMUSG00000079376 // 14 A1|14	ENSMUSG0000	1.07678E-06	-2.3674	Week 3 down vs Week 2
10599084	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.00025763	-2.35926	Week 3 down vs Week 2
10608136	---		1.42069E-06	-2.35402	Week 3 down vs Week 2
10522558	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	2.43225E-05	-2.35242	Week 3 down vs Week 2
10414218	NM_029131 // 4930503E14Rik // RIKEN cDNA 4930503E14 gene // 14 C1 // 74954 /// N	4930503E14Rik	9.25416E-09	-2.34975	Week 3 down vs Week 2
10414228	NM_001013816 // Gm5622 // predicted gene 5622 // 14 C2|14 // 434459 /// NM_00101	Gm5622	3.98296E-06	-2.34948	Week 3 down vs Week 2
10536103	ENSMUST00000099243 // LOC624931 // similar to D5Ertd577e protein // --- // 62493	LOC624931	0.000048088	-2.34755	Week 3 down vs Week 2
10536107	ENSMUST00000110576 // LOC625240 // similar to D5Ertd577e protein // --- // 62524	LOC625240	6.22541E-06	-2.34551	Week 3 down vs Week 2
10599092	---		0.000630037	-2.34242	Week 3 down vs Week 2
10340732	---		9.06488E-06	-2.34216	Week 3 down vs Week 2
10536163			5.17737E-07	-2.34152	Week 3 down vs Week 2
10419726	---		9.17403E-07	-2.34083	Week 3 down vs Week 2
10417411	EF651836 // ENSMUSG00000079376 // predicted gene, ENSMUSG00000079376 // 14 A1|14	ENSMUSG0000	3.62958E-06	-2.3382	Week 3 down vs Week 2
10550822	NM_207545 // V1rd17 // vomeronasal 1 receptor, D17 // 7 A3 // 404286 /// ENSMUST	V1rd17	5.57193E-07	-2.33761	Week 3 down vs Week 2
10342576	---		2.75158E-06	-2.33081	Week 3 down vs Week 2
10342760	---		5.71953E-08	-2.32832	Week 3 down vs Week 2
10598087	ENSMUST00000082419 // ND6 // NADH dehydrogenase subunit 6 // --- // 17722	ND6	1.8533E-07	-2.32701	Week 3 down vs Week 2
10467206	NM_016854 // Ppp1r3c // protein phosphatase 1, regulatory (inhibitor) subunit 3C	Ppp1r3c	0.0024258	-2.314	Week 3 down vs Week 2
10406896	---		5.51246E-06	-2.30912	Week 3 down vs Week 2
10560764	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	4.24666E-06	-2.30904	Week 3 down vs Week 2
10560777	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	4.24666E-06	-2.30904	Week 3 down vs Week 2
10410216	---		7.23167E-08	-2.30805	Week 3 down vs Week 2
10564033	---		0.000702563	-2.30677	Week 3 down vs Week 2
10417461	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	1.37692E-06	-2.30402	Week 3 down vs Week 2
10557175	---		2.86163E-05	-2.30262	Week 3 down vs Week 2
10542518	---		7.50873E-08	-2.30246	Week 3 down vs Week 2
10563993	---		0.000637834	-2.30134	Week 3 down vs Week 2
10564021	---		0.000637834	-2.30134	Week 3 down vs Week 2
10564025	---		0.000637834	-2.30134	Week 3 down vs Week 2
10417485	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	1.42756E-06	-2.30055	Week 3 down vs Week 2
10400803	---		3.2754E-07	-2.2968	Week 3 down vs Week 2
10405879	NM_001102602 // Vmn2r85 // vomeronasal 2, receptor 85 // 10 D3 // 623734 /// NM_	Vmn2r85	6.85142E-08	-2.29519	Week 3 down vs Week 2
10582879	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	0.000010096	-2.29272	Week 3 down vs Week 2
10564023	---		0.000623167	-2.28652	Week 3 down vs Week 2
10531009	NM_177024 // Tmprss11b // transmembrane protease, serine 11b // 5 E1 // 319875 /	Tmprss11b	0.0092503	-2.2853	Week 3 down vs Week 2
10598229	---		0.000450296	-2.28467	Week 3 down vs Week 2
10598187	---		0.000690953	-2.28467	Week 3 down vs Week 2
10603228	---		0.00108684	-2.28426	Week 3 down vs Week 2
10403057	ENSMUST00000103538 // LOC641089 // similar to Ig heavy chain V region BCL1 precu	LOC641089	3.45937E-06	-2.28281	Week 3 down vs Week 2

10536122	---		2.50426E-06	-2.28164	Week 3 down vs Week 2
10417253	BC100412 // 1700001E04Rik // RIKEN cDNA 1700001E04 gene // 14 A1 // 75438 /// NM	1700001E04Rik	1.19529E-05	-2.28117	Week 3 down vs Week 2
10417281	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	1.19529E-05	-2.28117	Week 3 down vs Week 2
10342815	---		8.80057E-05	-2.27822	Week 3 down vs Week 2
10559878	BC071238 // 2810047C21Rik1 // RIKEN cDNA 2810047C21 gene 1 // 7 A1 // 72716 ///	2810047C21Rik	4.44089E-08	-2.27785	Week 3 down vs Week 2
10550772	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	5.54188E-06	-2.27282	Week 3 down vs Week 2
10560807	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	5.54188E-06	-2.27282	Week 3 down vs Week 2
10412543	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	6.11629E-06	-2.26992	Week 3 down vs Week 2
10563899	---		0.00016502	-2.26955	Week 3 down vs Week 2
10492953	---		6.74355E-07	-2.26939	Week 3 down vs Week 2
10347931	AK149712 // G530012D18Rik // RIKEN cDNA G530012D1 gene // --- // 100038536	G530012D18Rik	2.27912E-06	-2.26703	Week 3 down vs Week 2
10608523	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.0177151	-2.26247	Week 3 down vs Week 2
10582899	---		3.20468E-07	-2.25771	Week 3 down vs Week 2
10347925	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	5.31135E-05	-2.25262	Week 3 down vs Week 2
10560153	NM_145707 // Obox3 // oocyte specific homeobox 3 // 7 A2 // 246791 /// NM_145709	Obox3	2.04519E-06	-2.25171	Week 3 down vs Week 2
10414250	NM_029131 // 4930503E14Rik // RIKEN cDNA 4930503E14 gene // 14 C1 // 74954 /// E	4930503E14Rik	1.24726E-06	-2.2443	Week 3 down vs Week 2
10403034	BC092065 // Igh // immunoglobulin heavy chain complex // 12 F2|12 58.0 cM // 111	Igh	8.04632E-05	-2.24376	Week 3 down vs Week 2
10563955	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000544673	-2.24072	Week 3 down vs Week 2
10564137	---		0.000607889	-2.24066	Week 3 down vs Week 2
10563965	---		0.00102806	-2.24065	Week 3 down vs Week 2
10563967	---		0.00102806	-2.24065	Week 3 down vs Week 2
10563971	---		0.00102806	-2.24065	Week 3 down vs Week 2
10564043	---		0.00102806	-2.24065	Week 3 down vs Week 2
10408130	ENSMUST00000072369 // V1rh15 // vomeronasal 1 receptor, H15 // --- // 252911	V1rh15	6.49763E-07	-2.23764	Week 3 down vs Week 2
10343644	---		1.20645E-05	-2.23454	Week 3 down vs Week 2
10523316	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	3.06067E-05	-2.2312	Week 3 down vs Week 2
10523346	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	3.06067E-05	-2.2312	Week 3 down vs Week 2
10536033	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	3.06067E-05	-2.2312	Week 3 down vs Week 2
10536044			3.06067E-05	-2.2312	Week 3 down vs Week 2
10343917	---		6.12142E-07	-2.23074	Week 3 down vs Week 2
10508719	---		4.47756E-05	-2.22904	Week 3 down vs Week 2
10342260	---		7.20799E-05	-2.22885	Week 3 down vs Week 2
10546807	---		1.42008E-07	-2.22772	Week 3 down vs Week 2
10342690	---		0.000294333	-2.22579	Week 3 down vs Week 2
10538704	---		5.81132E-08	-2.22142	Week 3 down vs Week 2
10563897	---		0.000466659	-2.21457	Week 3 down vs Week 2
10550197	NM_027802 // Obox1 // oocyte specific homeobox 1 // 7 A2|7 3.0 cM // 71468 /// N	Obox1	3.10153E-07	-2.21419	Week 3 down vs Week 2
10564089	---		0.000771789	-2.21309	Week 3 down vs Week 2
10603005	XR_033102 // LOC676160 // similar to thyroid hormone receptor associated protein	LOC676160	2.99236E-06	-2.21242	Week 3 down vs Week 2
10603538	NM_026492 // Ssxb1 // synovial sarcoma, X member B, breakpoint 1 // X A1.1 // 67	Ssxb1	0.000233349	-2.21119	Week 3 down vs Week 2
10356274	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	1.25911E-05	-2.20964	Week 3 down vs Week 2
10461723	BC038020 // Fam111a // family with sequence similarity 111, member A // 19 B|19	Fam111a	0.000291459	-2.2054	Week 3 down vs Week 2
10403063	BC092065 // Igh // immunoglobulin heavy chain complex // 12 F2|12 58.0 cM // 111	Igh	3.66006E-05	-2.20092	Week 3 down vs Week 2
10362434	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0136531	-2.20036	Week 3 down vs Week 2
10339292	---		6.85047E-06	-2.19922	Week 3 down vs Week 2
10535989	NM_177913 // A430089I19Rik // RIKEN cDNA A430089I19 gene // 5 E3 // 331195 /// E	A430089I19Rik	6.88678E-07	-2.19919	Week 3 down vs Week 2
10536085	NM_177913 // A430089I19Rik // RIKEN cDNA A430089I19 gene // 5 E3 // 331195 /// E	A430089I19Rik	6.88678E-07	-2.19919	Week 3 down vs Week 2
10536136	BC061212 // BC061212 // cDNA sequence BC061212 // 5 E3 // 381724 /// BC147369 //	BC061212	6.88678E-07	-2.19919	Week 3 down vs Week 2
10539973	NM_011684 // V1ra2 // vomeronasal 1 receptor, A2 // 6 D1 // 22297 /// NM_053218	V1ra2	2.84032E-06	-2.19689	Week 3 down vs Week 2
10564069	---		0.00111953	-2.19676	Week 3 down vs Week 2
10564073	---		0.00111953	-2.19676	Week 3 down vs Week 2
10564027	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564077	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564079	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564085	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564087	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564091	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564093	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564095	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564097	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564099	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564101	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564103	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564105	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564107	---		0.000981272	-2.19612	Week 3 down vs Week 2

10564113	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564115	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564119	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564121	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564123	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564125	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564127	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564129	---		0.000981272	-2.19612	Week 3 down vs Week 2
10564139	---		0.000981272	-2.19612	Week 3 down vs Week 2
10338718	---		4.86481E-05	-2.19528	Week 3 down vs Week 2
10563975	---		0.00108926	-2.18992	Week 3 down vs Week 2
10563981	---		0.00108926	-2.18992	Week 3 down vs Week 2
10563987	---		0.00108926	-2.18992	Week 3 down vs Week 2
10564009	---		0.00108926	-2.18992	Week 3 down vs Week 2
10445428	---		2.69655E-05	-2.18722	Week 3 down vs Week 2
10510191	ENSMUST00000092750 // Gm13164 // predicted gene 13164 // 4 E1|4 // 667666 /// EN	Gm13164	2.70569E-05	-2.18711	Week 3 down vs Week 2
10536151	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	0.000041067	-2.18351	Week 3 down vs Week 2
10564037	---		0.000554262	-2.18327	Week 3 down vs Week 2
10397604	---		9.58714E-08	-2.18046	Week 3 down vs Week 2
10342401	---		7.08598E-05	-2.17894	Week 3 down vs Week 2
10560160	NM_145707 // Obox3 // oocyte specific homeobox 3 // 7 A2 // 246791 /// NM_145709	Obox3	8.03136E-06	-2.17873	Week 3 down vs Week 2
10341351	---		2.1447E-06	-2.17561	Week 3 down vs Week 2
10536111	---		6.33918E-06	-2.17467	Week 3 down vs Week 2
10409202	---		1.14824E-05	-2.17331	Week 3 down vs Week 2
10419108	ENSMUST00000064841 // Gm9890 // predicted gene 9890 // 14 B // 632737 /// ENSMUS	Gm9890	5.30817E-06	-2.17205	Week 3 down vs Week 2
10564005	---		0.00109145	-2.17041	Week 3 down vs Week 2
10531518	BC061212 // BC061212 // cDNA sequence BC061212 // 5 E3 // 381724 /// BC147369 //	BC061212	6.61494E-07	-2.16786	Week 3 down vs Week 2
10522585	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	0.000042044	-2.16692	Week 3 down vs Week 2
10410224	ENSMUST00000099416 // Vmn2r-ps104 // vomeronasal 2, receptor, pseudogene 104 //	Vmn2r-ps104	2.62717E-06	-2.1641	Week 3 down vs Week 2
10405870	NM_001100616 // Vmn2r121 // vomeronasal 2, receptor 121 // X E3 // 100038941 ///	Vmn2r121	2.76319E-07	-2.15975	Week 3 down vs Week 2
10582888	---		3.09384E-06	-2.15323	Week 3 down vs Week 2
10505249	---		8.35983E-06	-2.15097	Week 3 down vs Week 2
10463138	NM_028615 // Dppa2 // developmental pluripotency associated 2 // 16 B5 // 73703	Dppa2	7.88832E-07	-2.14282	Week 3 down vs Week 2
10564111	---		0.000824814	-2.14247	Week 3 down vs Week 2
10563943	---		0.00106515	-2.1407	Week 3 down vs Week 2
10340018	---		0.00224075	-2.13476	Week 3 down vs Week 2
10577361			3.21317E-05	-2.13439	Week 3 down vs Week 2
10550183	NR_003269 // Obox2 // oocyte specific homeobox 2 // 7 A2 // 246792 /// NM_027802	Obox2	1.33415E-07	-2.13121	Week 3 down vs Week 2
10550202	NR_003269 // Obox2 // oocyte specific homeobox 2 // 7 A2 // 246792 /// NM_027802	Obox2	1.33415E-07	-2.13121	Week 3 down vs Week 2
10419162	NM_029131 // 4930503E14Rik // RIKEN cDNA 4930503E14 gene // 14 C1 // 74954 /// N	4930503E14Rik	6.29486E-08	-2.12769	Week 3 down vs Week 2
10340717	---		2.78306E-06	-2.12682	Week 3 down vs Week 2
10577388	ENSMUST00000098907 // 4930467E23Rik // RIKEN cDNA 4930467E23 gene // 8 A1.3 // 6	4930467E23Rik	4.24226E-05	-2.12501	Week 3 down vs Week 2
10536090	---		8.04598E-06	-2.12217	Week 3 down vs Week 2
10343502	---		4.87687E-07	-2.12168	Week 3 down vs Week 2
10338743	---		0.000178993	-2.121	Week 3 down vs Week 2
10410237	ENSMUST00000091541 // 2410141K09Rik // RIKEN cDNA 2410141K09 gene // 13 B3 // 76	2410141K09Rik	3.84913E-06	-2.11792	Week 3 down vs Week 2
10536006	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	2.22654E-06	-2.113	Week 3 down vs Week 2
10597074	---		2.05791E-05	-2.11299	Week 3 down vs Week 2
10407435	NM_134066 // Akr1c18 // aldo-keto reductase family 1, member C18 // 13 A1 // 105	Akr1c18	0.00194575	-2.11139	Week 3 down vs Week 2
10417310	ENSMUST00000112775 // Gm8160 // predicted gene 8160 // 14 A1|14 // 666555	Gm8160	8.34691E-08	-2.10911	Week 3 down vs Week 2
10563913	---		0.00176156	-2.10908	Week 3 down vs Week 2
10563917	---		0.00176156	-2.10908	Week 3 down vs Week 2
10563923	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.00176156	-2.10908	Week 3 down vs Week 2
10427622	XR_030763 // LOC100045342 // hypothetical protein LOC100045342 // --- // 1000453	LOC100045342	0.000105269	-2.10494	Week 3 down vs Week 2
10410204	ENSMUST00000081507 // Nlrp4f // NLR family, pyrin domain containing 4F // 13 B3	Nlrp4f	3.28743E-07	-2.10102	Week 3 down vs Week 2
10531512	BC061212 // BC061212 // cDNA sequence BC061212 // 5 E3 // 381724 /// BC147369 //	BC061212	8.00555E-07	-2.09795	Week 3 down vs Week 2
10531523	BC061212 // BC061212 // cDNA sequence BC061212 // 5 E3 // 381724 /// BC147369 //	BC061212	8.00555E-07	-2.09795	Week 3 down vs Week 2
10565813	NR_002172 // Gm5774 // predicted gene 5774 // 7 E2|7 // 449630	Gm5774	2.37967E-05	-2.09656	Week 3 down vs Week 2
10537817	NM_146655 // Olfr441 // olfactory receptor 441 // --- // 258649 /// NM_146654 //	Olfr441	7.29967E-06	-2.09571	Week 3 down vs Week 2
10343247	---		1.74275E-06	-2.09049	Week 3 down vs Week 2
10338025	---		9.93562E-05	-2.0903	Week 3 down vs Week 2
10563905	---		0.00249466	-2.08916	Week 3 down vs Week 2
10563907	---		0.00249466	-2.08916	Week 3 down vs Week 2
10375574	NM_207227 // Olfr1373 // olfactory receptor 1373 // 11 B1.3 // 211472 /// NM_146	Olfr1373	2.66261E-06	-2.08716	Week 3 down vs Week 2
10338036	---		0.000150507	-2.08531	Week 3 down vs Week 2

10564053	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.00130114	-2.08433	Week 3 down vs Week 2
10564055	---		0.00130114	-2.08433	Week 3 down vs Week 2
10410254	AY149175 // Zfp640 // zinc finger protein 640 // 13 B3|13 // 386626 /// ENSMUST0	Zfp640	3.11968E-07	-2.08135	Week 3 down vs Week 2
10505537	NM_001081644 // Gm428 // predicted gene 428 // 4 C3 // 242502 /// ENSMUST0000008	Gm428	3.20871E-06	-2.07954	Week 3 down vs Week 2
10505550	NM_001081644 // Gm428 // predicted gene 428 // 4 C3 // 242502 /// ENSMUST0000008	Gm428	3.20871E-06	-2.07954	Week 3 down vs Week 2
10531049	---		1.11455E-06	-2.07953	Week 3 down vs Week 2
10564015	---		0.000634349	-2.07648	Week 3 down vs Week 2
10425761	---		7.29436E-06	-2.07403	Week 3 down vs Week 2
10505556	NM_001081644 // Gm428 // predicted gene 428 // 4 C3 // 242502 /// ENSMUST0000008	Gm428	3.80468E-06	-2.07021	Week 3 down vs Week 2
10608693	---		1.59658E-05	-2.07013	Week 3 down vs Week 2
10607950	---		3.24519E-06	-2.06928	Week 3 down vs Week 2
10556037	NM_147033 // Olfr714 // olfactory receptor 714 // --- // 259035 /// NM_147033 //	Olfr714	3.41205E-08	-2.06881	Week 3 down vs Week 2
10563909	---		0.00337425	-2.0683	Week 3 down vs Week 2
10505268	---		5.61392E-06	-2.0666	Week 3 down vs Week 2
10536118			1.92677E-05	-2.0651	Week 3 down vs Week 2
10338454	---		0.0010691	-2.06419	Week 3 down vs Week 2
10563963	---		0.000974103	-2.06385	Week 3 down vs Week 2
10563969	---		0.000974103	-2.06385	Week 3 down vs Week 2
10563977	---		0.000974103	-2.06385	Week 3 down vs Week 2
10563979	---		0.000974103	-2.06385	Week 3 down vs Week 2
10563983	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000974103	-2.06385	Week 3 down vs Week 2
10563985	---		0.000974103	-2.06385	Week 3 down vs Week 2
10397545	NM_178657 // Oog1 // oogenesin 1 // 12 D2 // 193322 /// NM_001105254 // Gm10436	Oog1	5.3216E-09	-2.06	Week 3 down vs Week 2
10547689	NM_019917 // Vmn2r26 // vomeronasal 2, receptor 26 // 6 F2 // 56552 /// NM_01991	Vmn2r26	2.28453E-08	-2.05946	Week 3 down vs Week 2
10530726	BC061212 // BC061212 // cDNA sequence BC061212 // 5 E3 // 381724 /// BC147369 //	BC061212	2.53107E-06	-2.05693	Week 3 down vs Week 2
10531507	BC061212 // BC061212 // cDNA sequence BC061212 // 5 E3 // 381724 /// BC147369 //	BC061212	2.53107E-06	-2.05693	Week 3 down vs Week 2
10342580	---		0.000262431	-2.05503	Week 3 down vs Week 2
10435185	---		4.35044E-05	-2.05381	Week 3 down vs Week 2
10410235	XR_030628 // LOC100044384 // hypothetical protein LOC100044384 // --- // 1000443	LOC100044384	0.00006361	-2.05232	Week 3 down vs Week 2
10579060	ENSMUST00000098907 // 4930467E23Rik // RIKEN cDNA 4930467E23 gene // 8 A1.3 // 6	4930467E23Rik	7.59006E-05	-2.05199	Week 3 down vs Week 2
10540298	NM_007697 // Chl1 // cell adhesion molecule with homology to L1CAM // --- // 126	Chl1	0.00395788	-2.04958	Week 3 down vs Week 2
10598085	ENSMUST00000119235 // ATP6 // ATP synthase F0 subunit 6 // --- // 17705 /// ENSM	ATP6	5.64281E-05	-2.0479	Week 3 down vs Week 2
10535994	NM_177913 // A430089I19Rik // RIKEN cDNA A430089I19 gene // 5 E3 // 331195 /// E	A430089I19Rik	1.00205E-06	-2.0464	Week 3 down vs Week 2
10564203	---		0.00343004	-2.04626	Week 3 down vs Week 2
10555762	NM_147054 // Olfr584 // olfactory receptor 584 // --- // 259056 /// NM_147053 //	Olfr584	1.50524E-06	-2.04584	Week 3 down vs Week 2
10536126	BC061212 // BC061212 // cDNA sequence BC061212 // 5 E3 // 381724 /// BC147369 //	BC061212	1.04764E-06	-2.04402	Week 3 down vs Week 2
10505543	NM_001081644 // Gm428 // predicted gene 428 // 4 C3 // 242502 /// ENSMUST0000008	Gm428	4.14061E-06	-2.04341	Week 3 down vs Week 2
10529264	NM_133903 // Spon2 // spondin 2, extracellular matrix protein // 5 B1 // 100689	Spon2	6.39373E-05	-2.04335	Week 3 down vs Week 2
10403060	ENSMUST00000103538 // LOC641089 // similar to Ig heavy chain V region BCL1 precu	LOC641089	1.39746E-05	-2.04219	Week 3 down vs Week 2
10347921	ENSMUST00000093501 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621	A530040E14Rik	1.40078E-05	-2.04175	Week 3 down vs Week 2
10589846	---		5.3948E-08	-2.04126	Week 3 down vs Week 2
10405743	---		0.000014425	-2.03917	Week 3 down vs Week 2
10492424	---		4.36563E-06	-2.03903	Week 3 down vs Week 2
10464601	---		1.23971E-06	-2.03799	Week 3 down vs Week 2
10343400	---		3.12852E-07	-2.03697	Week 3 down vs Week 2
10417408	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	4.71486E-05	-2.03433	Week 3 down vs Week 2
10563989	---		0.00131559	-2.0332	Week 3 down vs Week 2
10512884	---		1.76524E-06	-2.0325	Week 3 down vs Week 2
10338035	---		6.00027E-07	-2.03138	Week 3 down vs Week 2
10579054	ENSMUST00000098907 // 4930467E23Rik // RIKEN cDNA 4930467E23 gene // 8 A1.3 // 6	4930467E23Rik	0.000123515	-2.03072	Week 3 down vs Week 2
10423570	---		0.000133147	-2.03046	Week 3 down vs Week 2
10403988	NM_145844 // V1rh2 // vomeronasal 1 receptor, H2 // 13 A3.1 // 252906 /// NM_134	V1rh2	3.81711E-06	-2.02934	Week 3 down vs Week 2
10538781	AF037047 // Gm8479 // thiopurine S-methyltransferase pseudogene // 6 C1|6 // 667	Gm8479	7.44014E-07	-2.02851	Week 3 down vs Week 2
10346114	---		8.10353E-08	-2.02732	Week 3 down vs Week 2
10410252	---		3.63391E-07	-2.02098	Week 3 down vs Week 2
10388286	NM_001159775 // Olfr391 // olfactory receptor 391 // 11 B4 // 258236 /// ENSMUST	Olfr391	1.34395E-05	-2.01975	Week 3 down vs Week 2
10338004	---		2.17114E-05	-2.0191	Week 3 down vs Week 2
10338042	---		4.85979E-05	-2.01583	Week 3 down vs Week 2
10368222	NM_053264 // 4930444G20Rik // RIKEN cDNA 4930444G20 gene // 10 A3 // 114671 ///	4930444G20Rik	1.25748E-05	-2.01155	Week 3 down vs Week 2
10588073	NM_001134660 // Gm6400 // predicted gene 6400 // 9 E3.3 // 623166	Gm6400	1.77406E-07	-2.01048	Week 3 down vs Week 2
10523168	NM_053087 // Epgn // epithelial mitogen // 5 E2 // 71920 /// ENSMUST00000041516	Epgn	0.000659237	-2.0079	Week 3 down vs Week 2
10409711	---		1.27475E-06	-2.00635	Week 3 down vs Week 2
10563945	---		0.00112993	-2.00017	Week 3 down vs Week 2
10462912	NM_020278 // Lgi1 // leucine-rich repeat LGI family, member 1 // 19 C3 // 56839	Lgi1	0.00303627	2.00042	Week 3 up vs Week 2
10436456	NM_011173 // Pros1 // protein S (alpha) // 16 C1.3 // 19128 /// ENSMUST000000236	Pros1	3.49982E-05	2.00061	Week 3 up vs Week 2

10358525	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.00359713	2.00107	Week 3 up vs Week 2
10557459	NM_011952 // Mapk3 // mitogen-activated protein kinase 3 // 7 F3|7 61.0 cM // 26	Mapk3	2.08538E-10	2.00151	Week 3 up vs Week 2
10353192	NM_010164 // Eya1 // eyes absent 1 homolog (Drosophila) // 1 A3|1 10.4 cM // 140	Eya1	0.000569672	2.00156	Week 3 up vs Week 2
10538150	NM_025326 // Tmem176a // transmembrane protein 176A // 6 B2.3 // 66058 /// NM_00	Tmem176a	1.62879E-06	2.00302	Week 3 up vs Week 2
10500685	NM_144900 // Atp1a1 // ATPase, Na+/K+ transporting, alpha 1 polypeptide // 3 F3|	Atp1a1	8.16014E-09	2.00319	Week 3 up vs Week 2
10593671	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	0.002637	2.00321	Week 3 up vs Week 2
10338099	---		0.000947585	2.00369	Week 3 up vs Week 2
10344219	---		3.75013E-07	2.00419	Week 3 up vs Week 2
10470050	NM_007379 // Abca2 // ATP-binding cassette, sub-family A (ABC1), member 2 // 2 A	Abca2	3.2787E-11	2.00484	Week 3 up vs Week 2
10415065	NM_022993 // Lrp10 // low-density lipoprotein receptor-related protein 10 // 14	Lrp10	5.985E-12	2.00511	Week 3 up vs Week 2
10373530	NM_183417 // Cdk2 // cyclin-dependent kinase 2 // 10 D3 // 12566 /// NM_016756 /	Cdk2	8.61787E-06	2.00533	Week 3 up vs Week 2
10551185	NM_011577 // Tgfb1 // transforming growth factor, beta 1 // 7 A3|7 6.5 cM // 218	Tgfb1	4.05233E-10	2.00542	Week 3 up vs Week 2
10538640	NM_011920 // Abcg2 // ATP-binding cassette, sub-family G (WHITE), member 2 // 6	Abcg2	0.00074672	2.00562	Week 3 up vs Week 2
10343481	---		0.000272284	2.00659	Week 3 up vs Week 2
10344254	---		0.00090374	2.00663	Week 3 up vs Week 2
10526363	NM_008898 // Por // P450 (cytochrome) oxidoreductase // 5 G2|5 75.0 cM // 18984	Por	1.36272E-06	2.00703	Week 3 up vs Week 2
10567838	NM_023712 // Spns1 // spinster homolog 1 (Drosophila) // 7 F4 // 73658 /// ENSMU	Spns1	6.212E-12	2.00727	Week 3 up vs Week 2
10418171	NM_001101433 // Zcchc24 // zinc finger, CCHC domain containing 24 // 14 A3 // 71	Zcchc24	0.000051425	2.00812	Week 3 up vs Week 2
10548043	NM_145983 // Kcna5 // potassium voltage-gated channel, shaker-related subfamily,	Kcna5	4.55182E-05	2.00879	Week 3 up vs Week 2
10341077	---		0.00018318	2.00893	Week 3 up vs Week 2
10575880	NM_054095 // Necab2 // N-terminal EF-hand calcium binding protein 2 // --- // 11	Necab2	2.02164E-05	2.01021	Week 3 up vs Week 2
10357103	NM_001081386 // Cdh19 // cadherin 19, type 2 // 1 E2.1 // 227485 /// ENSMUST0000	Cdh19	0.000120705	2.01119	Week 3 up vs Week 2
10457888	NM_001004361 // 5730494M16Rik // RIKEN cDNA 5730494M16 gene // 18 A2 // 66648 //	5730494M16Rik	8.86589E-07	2.01168	Week 3 up vs Week 2
10343895	---		4.68245E-05	2.01178	Week 3 up vs Week 2
10541075	NM_001012477 // Cxcl12 // chemokine (C-X-C motif) ligand 12 // 6 F1|6 53.0 cM //	Cxcl12	0.000774056	2.01195	Week 3 up vs Week 2
10517274	NM_029100 // Sepn1 // selenoprotein N, 1 // 4 D3 // 74777 /// ENSMUST00000060435	Sepn1	7.68789E-06	2.01201	Week 3 up vs Week 2
10534862	NM_008788 // Pcolce // procollagen C-endopeptidase enhancer protein // 5 G2|5 78	Pcolce	0.000222284	2.01232	Week 3 up vs Week 2
10571444	NM_007514 // Slc7a2 // solute carrier family 7 (cationic amino acid transporter,	Slc7a2	6.78305E-05	2.01446	Week 3 up vs Week 2
10574018	NM_013603 // Mt3 // metallothionein 3 // 8 C5|8 45.0 cM // 17751 /// ENSMUST0000	Mt3	5.80737E-06	2.01453	Week 3 up vs Week 2
10340850	---		0.000949062	2.01526	Week 3 up vs Week 2
10548656	X63004 // Prpmp5 // proline-rich protein MP5 // 6 G1 // 381832 /// X63004 // Prp	Prpmp5	0.00362511	2.01564	Week 3 up vs Week 2
10586118	NM_138304 // Calml4 // calmodulin-like 4 // 9 B // 75600 /// NM_001102468 // Cal	Calml4	2.87362E-07	2.01611	Week 3 up vs Week 2
10586240	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	1.42626E-06	2.01611	Week 3 up vs Week 2
10474229	NM_001111060 // Cd59a // CD59a antigen // 2 55.0 cM // 12509 /// NM_007652 // Cd	Cd59a	0.000209881	2.01622	Week 3 up vs Week 2
10595695	NM_009573 // Zic1 // zinc finger protein of the cerebellum 1 // 9 E3.3|9 61.0 cM	Zic1	0.00244761	2.01696	Week 3 up vs Week 2
10339145	---		2.73085E-05	2.01768	Week 3 up vs Week 2
10471833	NM_010710 // Lhx2 // LIM homeobox protein 2 // 2 B // 16870 /// ENSMUST000000002	Lhx2	8.46408E-07	2.01797	Week 3 up vs Week 2
10338361	---		6.16226E-06	2.018	Week 3 up vs Week 2
10505028	AK141895 // Slc44a1 // solute carrier family 44, member 1 // 4 B2 // 100434	Slc44a1	0.000606699	2.01822	Week 3 up vs Week 2
10462618	NM_010501 // Ifit3 // interferon-induced protein with tetratricopeptide repeats	Ifit3	0.000201261	2.01845	Week 3 up vs Week 2
10460616	NM_007687 // Cfl1 // cofilin 1, non-muscle // 19 A // 12631 /// ENSMUST000001165	Cfl1	6.27059E-07	2.01878	Week 3 up vs Week 2
10343843	---		2.61264E-05	2.0191	Week 3 up vs Week 2
10463224	BC054384 // Marveld1 // MARVEL (membrane-associating) domain containing 1 // 19	Marveld1	2.65771E-08	2.01952	Week 3 up vs Week 2
10571241	NM_001098233 // Purg // purine-rich element binding protein G // 8 A4 // 75029 /	Purg	6.81113E-06	2.01977	Week 3 up vs Week 2
10343977	---		0.000620417	2.02002	Week 3 up vs Week 2
10338338	---		0.00799811	2.02016	Week 3 up vs Week 2
10338420	---		0.00164797	2.02064	Week 3 up vs Week 2
10379013	NM_008028 // Flot2 // flotillin 2 // 11 B5|11 46.0 cM // 14252 /// NM_001040403	Flot2	7.13713E-09	2.02186	Week 3 up vs Week 2
10341934	---		7.91588E-09	2.02189	Week 3 up vs Week 2
10422013	NM_010636 // Klf12 // Kruppel-like factor 12 // --- // 16597 /// ENSMUST00000097	Klf12	6.44237E-06	2.02228	Week 3 up vs Week 2
10396421	NM_010431 // Hif1a // hypoxia inducible factor 1, alpha subunit // 12 C3|12 31.0	Hif1a	1.48535E-05	2.02315	Week 3 up vs Week 2
10436602	---		8.12502E-05	2.02319	Week 3 up vs Week 2
10370242	NM_021568 // Pcbp3 // poly(rC) binding protein 3 // 10 B5.1-B5.3 // 59093 /// EN	Pcbp3	0.00126057	2.02343	Week 3 up vs Week 2
10551852	NM_001081114 // Clip3 // CAP-GLY domain containing linker protein 3 // 7 B1 // 7	Clip3	3.03104E-06	2.02345	Week 3 up vs Week 2
10408935	ENSMUST00000099550 // Gm10786 // predicted gene 10786 // --- // 100038539	Gm10786	8.17134E-06	2.02401	Week 3 up vs Week 2
10341720	---		5.61558E-06	2.02451	Week 3 up vs Week 2
10381962	NM_207624 // Ace // angiotensin I converting enzyme (peptidyl-dipeptidase A) 1 /	Ace	9.39049E-05	2.02453	Week 3 up vs Week 2
10606868	NM_009052 // Bex1 // brain expressed gene 1 // X F1|X 57.5 cM // 19716 /// ENSMU	Bex1	4.67173E-05	2.02467	Week 3 up vs Week 2
10460603	NM_021474 // Efemp2 // epidermal growth factor-containing fibulin-like extracell	Efemp2	5.47308E-06	2.0248	Week 3 up vs Week 2
10494227	NM_029789 // Lass2 // LAG1 homolog, ceramide synthase 2 // 3 F2 // 76893 /// ENS	Lass2	6.95297E-08	2.02515	Week 3 up vs Week 2
10547740	NM_144938 // C1s // complement component 1, s subcomponent // 6 F2 // 50908 ///	C1s	0.000672967	2.0252	Week 3 up vs Week 2
10341371	---		0.00197796	2.02523	Week 3 up vs Week 2
10526508	NM_025562 // Fis1 // fission 1 (mitochondrial outer membrane) homolog (yeast) //	Fis1	4E-15	2.02571	Week 3 up vs Week 2
10351825	NM_178598 // Tagln2 // transgelin 2 // 1 H3|1 94.2 cM // 21346 /// ENSMUST000001	Tagln2	8.99245E-07	2.02599	Week 3 up vs Week 2
10407072	NM_029001 // Elovl7 // ELOVL family member 7, elongation of long chain fatty aci	Elovl7	0.000087979	2.02745	Week 3 up vs Week 2

10343621	---		2.09367E-08	2.02757	Week 3 up vs Week 2
10344353	---		1.08984E-08	2.02781	Week 3 up vs Week 2
10340638	---		0.00398084	2.02804	Week 3 up vs Week 2
10338474	---		3.02916E-09	2.02928	Week 3 up vs Week 2
10455108	NM_053141 // Pcdhb16 // protocadherin beta 16 // 18 B3 // 93887 /// ENSMUST00000	Pcdhb16	9.87703E-07	2.02944	Week 3 up vs Week 2
10341296	---		0.000507511	2.03005	Week 3 up vs Week 2
10388430	NM_011340 // Serpinf1 // serine (or cysteine) peptidase inhibitor, clade F, memb	Serpinf1	0.00122821	2.03023	Week 3 up vs Week 2
10388545	NM_198895 // Abr // active BCR-related gene // 11 B5|11 45.0 cM // 109934 /// NM	Abr	1.2455E-11	2.03121	Week 3 up vs Week 2
10517336	NM_013885 // Clic4 // chloride intracellular channel 4 (mitochondrial) // 4 D3 /	Clic4	6.16953E-05	2.03145	Week 3 up vs Week 2
10363173	NM_010288 // Gja1 // gap junction protein, alpha 1 // 10 B4|10 29.0 cM // 14609	Gja1	0.000167948	2.03165	Week 3 up vs Week 2
10342282	---		1.45454E-08	2.03215	Week 3 up vs Week 2
10516529	NM_172875 // Adc // arginine decarboxylase // 4 D2.2 // 242669 /// ENSMUST000001	Adc	4.25827E-09	2.03269	Week 3 up vs Week 2
10510482	NM_023051 // Clstn1 // calsyntenin 1 // --- // 65945 /// ENSMUST00000039144 // C	Clstn1	1.71433E-08	2.0329	Week 3 up vs Week 2
10409876	NM_007796 // Ctla2a // cytotoxic T lymphocyte-associated protein 2 alpha // 13 B	Ctla2a	0.00115489	2.03301	Week 3 up vs Week 2
10413932	NM_178791 // E130203B14Rik // RIKEN cDNA E130203B14 gene // 14 B // 320736 /// E	E130203B14Rik	0.000323396	2.03317	Week 3 up vs Week 2
10439766	NM_021496 // Pvrl3 // poliovirus receptor-related 3 // 16 B5 // 58998 /// NM_021	Pvrl3	0.000357614	2.03321	Week 3 up vs Week 2
10358670	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000345242	2.03339	Week 3 up vs Week 2
10340334	---		0.00352778	2.03388	Week 3 up vs Week 2
10541910	NM_011708 // Vwf // Von Willebrand factor homolog // 6 F3|6 60.8 cM // 22371 ///	Vwf	0.00620259	2.03501	Week 3 up vs Week 2
10492798	NM_009144 // Sfrp2 // secreted frizzled-related protein 2 // 3 E3|3 38.5 cM // 2	Sfrp2	0.00920877	2.03528	Week 3 up vs Week 2
10523766	NM_133897 // Lrrc8c // leucine rich repeat containing 8 family, member C // 5 E5	Lrrc8c	4.15119E-06	2.03541	Week 3 up vs Week 2
10502131	XM_914534 // Lrit3 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit3	0.000726973	2.03638	Week 3 up vs Week 2
10605256	NM_010227 // Flna // filamin, alpha // X A7.3 // 192176 /// ENSMUST00000114299 /	Flna	1.29253E-05	2.03654	Week 3 up vs Week 2
10573234	NM_181039 // Lphn1 // latrophilin 1 // 8 C3 // 330814 /// ENSMUST00000045393 //	Lphn1	6.81926E-07	2.03711	Week 3 up vs Week 2
10342828	---		0.000304714	2.03782	Week 3 up vs Week 2
10343057	---		6.59389E-05	2.03825	Week 3 up vs Week 2
10367734	NM_177387 // Ust // uronyl-2-sulfotransferase // 10 A1 // 338362 /// ENSMUST0000	Ust	4.80774E-07	2.03878	Week 3 up vs Week 2
10352234	NM_001081175 // Itpkb // inositol 1,4,5-trisphosphate 3-kinase B // 1 H5|1 100.0	Itpkb	6.79428E-06	2.03895	Week 3 up vs Week 2
10341707	---		0.00253369	2.03913	Week 3 up vs Week 2
10551120	NM_001160400 // Megf8 // multiple EGF-like-domains 8 // 7 A3 // 269878 /// ENSMU	Megf8	6.4821E-11	2.03987	Week 3 up vs Week 2
10474700	NM_011580 // Thbs1 // thrombospondin 1 // 2 F1-F3|2 65.0 cM // 21825 /// ENSMUST	Thbs1	0.000723708	2.0399	Week 3 up vs Week 2
10343612	---		0.0013586	2.04049	Week 3 up vs Week 2
10343793	---		7.80086E-06	2.0408	Week 3 up vs Week 2
10460765	NM_025605 // 2400001E08Rik // RIKEN cDNA 2400001E08 gene // 7 F1 // 66508 /// EN	2400001E08Rik	3.52558E-09	2.04088	Week 3 up vs Week 2
10440314	NM_178721 // Cadm2 // cell adhesion molecule 2 // 16 C1.3-C2 // 239857 /// NM_00	Cadm2	0.00480673	2.0413	Week 3 up vs Week 2
10600836	NM_010833 // Msn // moesin // X C3 // 17698 /// ENSMUST00000117399 // Msn // moe	Msn	0.000463407	2.04341	Week 3 up vs Week 2
10342229	---		0.00005611	2.04373	Week 3 up vs Week 2
10342442	---		1.70458E-05	2.04414	Week 3 up vs Week 2
10343511	---		0.00137929	2.04497	Week 3 up vs Week 2
10339862	---		1.69747E-07	2.04508	Week 3 up vs Week 2
10344240	---		1.74127E-06	2.04513	Week 3 up vs Week 2
10360090	NM_008911 // Ppox // protoporphyrinogen oxidase // --- // 19044 /// ENSMUST00000	Ppox	1.76366E-10	2.0459	Week 3 up vs Week 2
10373143	NM_033072 // Mbd6 // methyl-CpG binding domain protein 6 // 10 D3|10 70.0 cM //	Mbd6	1.95905E-09	2.0469	Week 3 up vs Week 2
10480804	NM_029293 // Phpt1 // phosphohistidine phosphatase 1 // 2 A3 // 75454 /// ENSMUS	Phpt1	2.3E-14	2.04701	Week 3 up vs Week 2
10471555	NM_011923 // Angptl2 // angiopoietin-like 2 // 2 B // 26360 /// ENSMUST000000042	Angptl2	0.000557254	2.0472	Week 3 up vs Week 2
10549594	NM_021324 // Ttyh1 // tweety homolog 1 (Drosophila) // 7 A1 // 57776 /// NM_0010	Ttyh1	0.0035973	2.0477	Week 3 up vs Week 2
10339787	---		2.80096E-10	2.04821	Week 3 up vs Week 2
10340488	---		7.31762E-10	2.04831	Week 3 up vs Week 2
10534343	NM_007925 // Eln // elastin // 5 G2|5 75.0 cM // 13717 /// ENSMUST00000015138 //	Eln	0.000496761	2.04846	Week 3 up vs Week 2
10410039	NM_008957 // Ptch1 // patched homolog 1 // 13 B3|13 36.0 cM // 19206 /// ENSMUST	Ptch1	6.32808E-06	2.04852	Week 3 up vs Week 2
10445496	NM_145353 // Yipf3 // Yip1 domain family, member 3 // 17 C|17 24.0 cM // 28064 /	Yipf3	1.05E-13	2.04867	Week 3 up vs Week 2
10540472	NM_011498 // Bhlhe40 // basic helix-loop-helix family, member e40 // 6 E-F1 // 2	Bhlhe40	1.2177E-07	2.04926	Week 3 up vs Week 2
10338426	---		2.85639E-05	2.05072	Week 3 up vs Week 2
10564211	NM_013670 // Snrpn // small nuclear ribonucleoprotein N // 7 C|7 29.0 cM // 2064	Snrpn	0.000142806	2.05081	Week 3 up vs Week 2
10406334	NM_030174 // Mctp1 // multiple C2 domains, transmembrane 1 // 13 C1 // 78771 ///	Mctp1	0.000532938	2.05107	Week 3 up vs Week 2
10340177	---		3.57367E-10	2.0519	Week 3 up vs Week 2
10483199	NM_177074 // Slc38a11 // solute carrier family 38, member 11 // 2 C1.3 // 320106	Slc38a11	0.000148527	2.05373	Week 3 up vs Week 2
10338771	---		0.00043489	2.05394	Week 3 up vs Week 2
10534718	NM_011639 // Trip6 // thyroid hormone receptor interactor 6 // 5 G2 // 22051 ///	Trip6	1.34043E-10	2.05459	Week 3 up vs Week 2
10338104	---		7.00879E-07	2.05609	Week 3 up vs Week 2
10582811	BC048951 // Irf2bp2 // interferon regulatory factor 2 binding protein 2 // 8 E2	Irf2bp2	1.83167E-10	2.05681	Week 3 up vs Week 2
10518408	NM_011122 // Plod1 // procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1 // 4 E2	Plod1	2.39539E-05	2.05768	Week 3 up vs Week 2
10499168	NM_130867 // Kirrel // kin of IRRE like (Drosophila) // 3 F1 // 170643 /// ENSMU	Kirrel	2.14212E-05	2.05909	Week 3 up vs Week 2
10342929	---		0.000637848	2.06008	Week 3 up vs Week 2
10344289	---		1.7769E-07	2.06014	Week 3 up vs Week 2

10340036	---		8.81256E-06	2.06039	Week 3 up vs Week 2
10576235	NM_007876 // Dpep1 // dipeptidase 1 (renal) // 8 E1|8 67.0 cM // 13479 /// ENSMU	Dpep1	0.000114923	2.06094	Week 3 up vs Week 2
10339190	---		0.0148436	2.06138	Week 3 up vs Week 2
10517587	NM_007431 // Alpl // alkaline phosphatase, liver/bone/kidney // 4 D3|4 70.2 cM /	Alpl	8.56332E-05	2.06162	Week 3 up vs Week 2
10339615	---		0.000781264	2.06224	Week 3 up vs Week 2
10481711	NM_001113569 // Stxbp1 // syntaxin binding protein 1 // 2 B|2 24.0 cM // 20910 /	Stxbp1	0.00149117	2.06226	Week 3 up vs Week 2
10563077	NM_026555 // Rcn3 // reticulocalbin 3, EF-hand calcium binding domain // 7 B4|7	Rcn3	0.00172853	2.06228	Week 3 up vs Week 2
10530615	NM_026950 // Ociad2 // OCIA domain containing 2 // 5 D // 433904 /// ENSMUST0000	Ociad2	0.000681501	2.06247	Week 3 up vs Week 2
10597960	NM_139142 // Slc6a20a // solute carrier family 6 (neurotransmitter transporter),	Slc6a20a	1.81718E-05	2.06318	Week 3 up vs Week 2
10344131	---		0.00276712	2.06387	Week 3 up vs Week 2
10339348	---		4.46249E-06	2.06412	Week 3 up vs Week 2
10541683	NM_001113356 // C1rb // complement component 1, r subcomponent B // 6 F2|6 // 66	C1rb	4.55502E-05	2.06482	Week 3 up vs Week 2
10372682	NM_029875 // Slc35e3 // solute carrier family 35, member E3 // 10 D2 // 215436 /	Slc35e3	0.000157344	2.0653	Week 3 up vs Week 2
10401128	NM_008558 // Max // Max protein // 12 D1-D3|12 32.0 cM // 17187 /// NM_001146176	Max	7.0026E-09	2.06587	Week 3 up vs Week 2
10599348	NM_016886 // Gria3 // glutamate receptor, ionotropic, AMPA3 (alpha 3) // X A3.3-	Gria3	1.43247E-05	2.06648	Week 3 up vs Week 2
10455112	NM_053142 // Pcdhb17 // protocadherin beta 17 // 18 B3 // 93888 /// ENSMUST00000	Pcdhb17	2.00411E-07	2.06684	Week 3 up vs Week 2
10435271	NM_175256 // Heg1 // HEG homolog 1 (zebrafish) // 16 B3 // 77446 /// ENSMUST0000	Heg1	0.000292505	2.0673	Week 3 up vs Week 2
10470027	NM_008721 // Npdc1 // neural proliferation, differentiation and control gene 1 /	Npdc1	1.86128E-08	2.0677	Week 3 up vs Week 2
10571312	NM_176933 // Dusp4 // dual specificity phosphatase 4 // 8 A4 // 319520 /// ENSMU	Dusp4	4.50078E-05	2.06785	Week 3 up vs Week 2
10470314	---		1.14738E-05	2.06793	Week 3 up vs Week 2
10591612	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	9.03073E-06	2.06827	Week 3 up vs Week 2
10515716	FJ998170 // BC059842 // cDNA sequence BC059842 // 4 D2.1 // 230676 /// ENSMUST00	BC059842	2.225E-12	2.06868	Week 3 up vs Week 2
10342854	---		0.000264596	2.0707	Week 3 up vs Week 2
10370497	NM_172134 // Pdxk // pyridoxal (pyridoxine, vitamin B6) kinase // 10 C1|10 42.1	Pdxk	4.60309E-06	2.07096	Week 3 up vs Week 2
10601857	NM_009750 // Ngfrap1 // nerve growth factor receptor (TNFRSF16) associated prote	Ngfrap1	1.00744E-09	2.07181	Week 3 up vs Week 2
10520187	NM_009207 // Slc4a2 // solute carrier family 4 (anion exchanger), member 2 // 5	Slc4a2	2.25855E-10	2.0722	Week 3 up vs Week 2
10578572	NM_001114311 // Stox2 // storkhead box 2 // 8 B1.1 // 71069 /// NM_175162 // Sto	Stox2	1.87602E-06	2.07229	Week 3 up vs Week 2
10430851	NM_019823 // Cyp2d22 // cytochrome P450, family 2, subfamily d, polypeptide 22 /	Cyp2d22	1.07734E-07	2.07326	Week 3 up vs Week 2
10343721	---		2.33016E-05	2.07461	Week 3 up vs Week 2
10343182	---		6.65225E-09	2.07476	Week 3 up vs Week 2
10342562	---		4.07158E-10	2.07532	Week 3 up vs Week 2
10456071	NM_001037859 // Csf1r // colony stimulating factor 1 receptor // 18 D|18 30.0 cM	Csf1r	2.46493E-07	2.07541	Week 3 up vs Week 2
10353524	NM_001081079 // Ogfrl1 // opioid growth factor receptor-like 1 // 1 A5 // 70155	Ogfrl1	2.07257E-05	2.07543	Week 3 up vs Week 2
10344142	---		0.00178222	2.07579	Week 3 up vs Week 2
10343011	---		0.000757685	2.07617	Week 3 up vs Week 2
10586248	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	1.56719E-06	2.07691	Week 3 up vs Week 2
10508829	NM_016693 // Map3k6 // mitogen-activated protein kinase kinase kinase 6 // 4 D2.	Map3k6	5.97874E-08	2.07751	Week 3 up vs Week 2
10339098	---		3.56004E-05	2.07769	Week 3 up vs Week 2
10341187	---		9.03032E-08	2.0777	Week 3 up vs Week 2
10450242	NM_009780 // C4b // complement component 4B (Childo blood group) // 17 B1|17 18.	C4b	9.33489E-06	2.078	Week 3 up vs Week 2
10340925	---		1.99313E-07	2.07862	Week 3 up vs Week 2
10370376	NM_008826 // Pfkl // phosphofructokinase, liver, B-type // 10 C1|10 41.7 cM // 1	Pfkl	5.11588E-08	2.07873	Week 3 up vs Week 2
10533345	NM_009656 // Aldh2 // aldehyde dehydrogenase 2, mitochondrial // 5 F-G1 // 11669	Aldh2	1.40365E-08	2.07895	Week 3 up vs Week 2
10339001	---		5.36835E-06	2.0796	Week 3 up vs Week 2
10400023	NM_025359 // Tspan13 // tetraspanin 13 // 12 B2 // 66109 /// ENSMUST00000020896	Tspan13	0.00022345	2.08073	Week 3 up vs Week 2
10349968	NM_007695 // Chi3l1 // chitinase 3-like 1 // 1 E4|1 72.3 cM // 12654 /// ENSMUST	Chi3l1	4.44723E-05	2.08089	Week 3 up vs Week 2
10540265	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	0.00147619	2.08103	Week 3 up vs Week 2
10543572	NM_011829 // Impdh1 // inosine 5'-phosphate dehydrogenase 1 // 6 A3 // 23917 ///	Impdh1	0.00014009	2.08129	Week 3 up vs Week 2
10378855	ENSMUST00000068342 // Ssh2 // slingshot homolog 2 (Drosophila) // 11 B5 // 23786	Ssh2	0.000235222	2.08348	Week 3 up vs Week 2
10340662	---		0.00106178	2.08361	Week 3 up vs Week 2
10341784	---		0.00156913	2.08581	Week 3 up vs Week 2
10360920	NM_009367 // Tgfb2 // transforming growth factor, beta 2 // 1 H5|1 101.5 cM // 2	Tgfb2	3.25999E-06	2.08644	Week 3 up vs Week 2
10339936	---		4.82908E-08	2.08664	Week 3 up vs Week 2
10343852	---		0.000715056	2.08705	Week 3 up vs Week 2
10586244	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	1.31528E-05	2.08787	Week 3 up vs Week 2
10343302	---		0.00040273	2.08792	Week 3 up vs Week 2
10529091	---		0.00435888	2.08811	Week 3 up vs Week 2
10600921	NM_199018 // Stard8 // START domain containing 8 // X C3 // 236920 /// ENSMUST00	Stard8	9.57808E-07	2.08999	Week 3 up vs Week 2
10433264	NM_031184 // Glis2 // GLIS family zinc finger 2 // 16 A1-B1|16 2.1 cM // 83396 /	Glis2	1.55894E-06	2.0901	Week 3 up vs Week 2
10579341	NM_183170 // Mpv17l2 // MPV17 mitochondrial membrane protein-like 2 // 8 B3.3 //	Mpv17l2	1E-15	2.09073	Week 3 up vs Week 2
10460666	NM_008520 // Ltbp3 // latent transforming growth factor beta binding protein 3 /	Ltbp3	1.14338E-06	2.09175	Week 3 up vs Week 2
10415844	NM_007798 // Ctsb // cathepsin B // 14 D1|14 28.0 cM // 13030 /// ENSMUST0000000	Ctsb	3.46225E-10	2.09316	Week 3 up vs Week 2
10573924	NM_008610 // Mmp2 // matrix metallopeptidase 2 // 8 C5|8 44.0 cM // 17390 /// EN	Mmp2	0.000955476	2.09319	Week 3 up vs Week 2
10343181	---		1.85848E-05	2.09386	Week 3 up vs Week 2
10351525	NM_008623 // Mpz // myelin protein zero // 1 H3|1 92.4 cM // 17528 /// ENSMUST00	Mpz	8.80572E-05	2.09399	Week 3 up vs Week 2

10444028	NM_030697 // Kank3 // KN motif and ankyrin repeat domains 3 // 17 B1 // 80880 //	Kank3	6.59806E-06	2.09506	Week 3 up vs Week 2
10449581	NM_019880 // Mtch1 // mitochondrial carrier homolog 1 (C. elegans) // 17 A3.3 //	Mtch1	4.47934E-09	2.09638	Week 3 up vs Week 2
10579812	NM_010332 // Ednra // endothelin receptor type A // --- // 13617 /// ENSMUST0000	Ednra	0.00067367	2.0972	Week 3 up vs Week 2
10340511	---		0.000019777	2.09817	Week 3 up vs Week 2
10364149	NM_009115 // S100b // S100 protein, beta polypeptide, neural // 10 C1|10 41.0 cM	S100b	0.000586068	2.09828	Week 3 up vs Week 2
10340739	---		8.29579E-05	2.09842	Week 3 up vs Week 2
10431974	NM_144850 // Rapgef3 // Rap guanine nucleotide exchange factor (GEF) 3 // 15 F1	Rapgef3	4.46843E-08	2.09931	Week 3 up vs Week 2
10576586	NM_175434 // Slc35f3 // solute carrier family 35, member F3 // 8 E2 // 210027 //	Slc35f3	8.99913E-08	2.09979	Week 3 up vs Week 2
10594490	NM_144813 // Slc24a1 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a1	0.00166256	2.10239	Week 3 up vs Week 2
10343944	---		0.00118221	2.10256	Week 3 up vs Week 2
10524684	NM_008629 // Msi1 // Musashi homolog 1(Drosophila) // --- // 17690 /// ENSMUST00	Msi1	0.00092462	2.10397	Week 3 up vs Week 2
10543959	NM_008973 // Ptn // pleiotrophin // 6 B1|6 13.5 cM // 19242 /// ENSMUST000001015	Ptn	0.000419785	2.1043	Week 3 up vs Week 2
10485070	NM_010784 // Mdk // midkine // 2 E1|2 53.0 cM // 17242 /// NM_001012335 // Mdk /	Mdk	8.12761E-06	2.10445	Week 3 up vs Week 2
10395389	NM_025312 // Sostdc1 // sclerostin domain containing 1 // 12 B2 // 66042 /// ENS	Sostdc1	1.99067E-05	2.10526	Week 3 up vs Week 2
10343645	---		0.000173577	2.10612	Week 3 up vs Week 2
10472860	NM_019688 // Rapgef4 // Rap guanine nucleotide exchange factor (GEF) 4 // 2 C3 /	Rapgef4	6.20441E-05	2.10799	Week 3 up vs Week 2
10466735	NM_001114174 // Fam189a2 // family with sequence similarity 189, member A2 // 19	Fam189a2	4.38713E-06	2.10901	Week 3 up vs Week 2
10343037	---		4.69318E-06	2.11	Week 3 up vs Week 2
10423556	NM_018755 // Pgcp // plasma glutamate carboxypeptidase // 15 B3.2 // 54381 /// N	Pgcp	5.05964E-06	2.11131	Week 3 up vs Week 2
10419261	NM_007554 // Bmp4 // bone morphogenetic protein 4 // 14 C1|14 15.0 cM // 12159 /	Bmp4	2.43747E-05	2.11172	Week 3 up vs Week 2
10567355	NM_022420 // Gprc5b // G protein-coupled receptor, family C, group 5, member B /	Gprc5b	8.04412E-07	2.11308	Week 3 up vs Week 2
10344241	---		4.227E-12	2.11336	Week 3 up vs Week 2
10518455	NM_009642 // Agtrap // angiotensin II, type I receptor-associated protein // 4 E	Agtrap	7.8754E-11	2.11339	Week 3 up vs Week 2
10430467	NM_020516 // Slc16a8 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a8	0.000151631	2.11377	Week 3 up vs Week 2
10417912	NM_030180 // Usp54 // ubiquitin specific peptidase 54 // 14 A3 // 78787 /// ENSM	Usp54	3.912E-12	2.11386	Week 3 up vs Week 2
10412921	NM_008695 // Nid2 // nidogen 2 // 14 A3 // 18074 /// ENSMUST00000022340 // Nid2	Nid2	0.000151123	2.11617	Week 3 up vs Week 2
10578123	NM_019733 // Rbpms // RNA binding protein gene with multiple splicing // 8 A4 //	Rbpms	1.18073E-06	2.11644	Week 3 up vs Week 2
10351463	ENSMUST00000027997 // Rgs5 // regulator of G-protein signaling 5 // 1 H2|1 86.5	Rgs5	0.0115524	2.11664	Week 3 up vs Week 2
10536931	NM_021414 // Ahcyl2 // S-adenosylhomocysteine hydrolase-like 2 // 6 A3.3 // 7434	Ahcyl2	4.61285E-05	2.11668	Week 3 up vs Week 2
10540838	NM_178703 // Slc6a1 // solute carrier family 6 (neurotransmitter transporter, GA	Slc6a1	0.0119139	2.11692	Week 3 up vs Week 2
10341866	---		0.000020775	2.11695	Week 3 up vs Week 2
10341181	---		0.0153187	2.11766	Week 3 up vs Week 2
10407481	NM_019703 // Pfkp // phosphofructokinase, platelet // 13 A1 // 56421 /// ENSMUST	Pfkp	1.16403E-05	2.11833	Week 3 up vs Week 2
10562774	NM_197991 // 2310044H10Rik // RIKEN cDNA 2310044H10 gene // 7 B4 // 69683 /// EN	2310044H10Rik	4.4467E-11	2.11846	Week 3 up vs Week 2
10359161	NM_009230 // Soat1 // sterol O-acyltransferase 1 // 1 G3|1 81.6 cM // 20652 ///	Soat1	9.12949E-07	2.11939	Week 3 up vs Week 2
10419015	NM_130878 // Pcdh21 // protocadherin 21 // 14 B // 170677 /// ENSMUST00000022337	Pcdh21	0.00954128	2.12033	Week 3 up vs Week 2
10344491	---		0.000296643	2.12038	Week 3 up vs Week 2
10344581	---		0.000133783	2.12075	Week 3 up vs Week 2
10484197	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	1.94531E-05	2.12097	Week 3 up vs Week 2
10342037	---		0.000469288	2.12099	Week 3 up vs Week 2
10343496	---		0.000323387	2.12114	Week 3 up vs Week 2
10433032	ENSMUST00000096143 // Atf7 // activating transcription factor 7 // 15 F3 // 2239	Atf7	5.2384E-11	2.12189	Week 3 up vs Week 2
10518484	NM_173401 // Fbxo44 // F-box protein 44 // 4 E2 // 230903 /// NM_001161851 // Fb	Fbxo44	2.88713E-08	2.1221	Week 3 up vs Week 2
10560945	NM_008168 // Grik5 // glutamate receptor, ionotropic, kainate 5 (gamma 2) // 7 A	Grik5	9.67847E-09	2.12376	Week 3 up vs Week 2
10555389	NM_011671 // Ucp2 // uncoupling protein 2 (mitochondrial, proton carrier) // 7 E	Ucp2	1.74969E-08	2.12386	Week 3 up vs Week 2
10527694	NM_001081204 // B3galtl // beta 1,3-galactosyltransferase-like // 5 G3 // 381694	B3galtl	3.53194E-05	2.12412	Week 3 up vs Week 2
10340114	---		1.47581E-05	2.12439	Week 3 up vs Week 2
10365974	NM_007833 // Dcn // decorin // 10 C3|10 55.0 cM // 13179 /// ENSMUST00000105287	Dcn	0.000376439	2.12506	Week 3 up vs Week 2
10552824	NM_009101 // Rras // Harvey rat sarcoma oncogene, subgroup R // 7 B4|7 23.0 cM /	Rras	5.7896E-08	2.12533	Week 3 up vs Week 2
10347741	NM_026713 // Mogat1 // monoacylglycerol O-acyltransferase 1 // 1 C4 // 68393 ///	Mogat1	5.42116E-07	2.12689	Week 3 up vs Week 2
10517287	NM_207237 // Man1c1 // mannosidase, alpha, class 1C, member 1 // 4 D3 // 230815	Man1c1	6.99416E-07	2.12802	Week 3 up vs Week 2
10381588	NM_008175 // Grn // granulin // 11 D|11 60.0 cM // 14824 /// ENSMUST00000049460	Grn	3.45572E-10	2.12853	Week 3 up vs Week 2
10592802	NM_027909 // C2cd2l // C2 calcium-dependent domain containing 2-like // 9 B // 7	C2cd2l	7.70521E-05	2.12868	Week 3 up vs Week 2
10559207	NM_019391 // Lsp1 // lymphocyte specific 1 // 7 F5|7 69.0 cM // 16985 /// NM_001	Lsp1	7.39614E-06	2.12878	Week 3 up vs Week 2
10417176	NM_009574 // Zic2 // zinc finger protein of the cerebellum 2 // 14 E5|14 62.0 cM	Zic2	0.000554037	2.12884	Week 3 up vs Week 2
10339605	---		0.00068585	2.12893	Week 3 up vs Week 2
10517996	NM_001033150 // Plekhm2 // pleckstrin homology domain containing, family M (with	Plekhm2	1.34798E-10	2.12954	Week 3 up vs Week 2
10339507	---		0.00680926	2.1298	Week 3 up vs Week 2
10341684	---		3.02857E-05	2.12995	Week 3 up vs Week 2
10427075	NM_010664 // Krt18 // keratin 18 // 15 F3|15 58.86 cM // 16668 /// ENSMUST000000	Krt18	0.000108429	2.13098	Week 3 up vs Week 2
10341836	---		3.0201E-11	2.13247	Week 3 up vs Week 2
10339692	---		0.000025241	2.13285	Week 3 up vs Week 2
10381115	NM_011508 // Eif1 // eukaryotic translation initiation factor 1 // 11 D // 20918	Eif1	7.3926E-11	2.13336	Week 3 up vs Week 2
10591614	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	0.000145088	2.13383	Week 3 up vs Week 2
10462442	NM_133775 // Il33 // interleukin 33 // 19 C2 // 77125 /// ENSMUST00000120388 //	Il33	5.98914E-06	2.13436	Week 3 up vs Week 2

10570201	NM_015804 // Atp11a // ATPase, class VI, type 11A // 8 A2 // 50770 /// ENSMUST00	Atp11a	1.68224E-06	2.13452	Week 3 up vs Week 2
10342364	---		0.00404831	2.13471	Week 3 up vs Week 2
10382890	NM_028777 // Sec14l1 // SEC14-like 1 (S. cerevisiae) // 11 E2 // 74136 /// ENSMU	Sec14l1	3.40999E-09	2.13537	Week 3 up vs Week 2
10484203	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	9.3159E-06	2.13545	Week 3 up vs Week 2
10455948	NM_001081328 // Chsy3 // chondroitin sulfate synthase 3 // 18 D3 // 78923 /// EN	Chsy3	1.60063E-05	2.13572	Week 3 up vs Week 2
10569168	NM_026646 // Slc25a22 // solute carrier family 25 (mitochondrial carrier, glutam	Slc25a22	7.19367E-06	2.13591	Week 3 up vs Week 2
10422598	NM_009155 // Sepp1 // selenoprotein P, plasma, 1 // 15 A1|15 5.9 cM // 20363 ///	Sepp1	0.000165573	2.13645	Week 3 up vs Week 2
10342017	---		0.000457384	2.13732	Week 3 up vs Week 2
10578709	NM_028220 // Wdr17 // WD repeat domain 17 // 8 B3.1 // 244484 /// ENSMUST0000009	Wdr17	0.0203202	2.13771	Week 3 up vs Week 2
10376208	NM_010299 // Gm2a // GM2 ganglioside activator protein // 11 B1.3|11 29.0 cM //	Gm2a	5.17171E-10	2.13822	Week 3 up vs Week 2
10563295	NM_010240 // Ftl1 // ferritin light chain 1 // 7 B4 // 14325 /// NM_008049 // Ft	Ftl1	6.57285E-07	2.13844	Week 3 up vs Week 2
10339083	---		9.87353E-05	2.13882	Week 3 up vs Week 2
10344011	---		1.29127E-08	2.14029	Week 3 up vs Week 2
10432886	NM_008475 // Krt4 // keratin 4 // 15 F3|15 58.84 cM // 16682 /// ENSMUST00000023	Krt4	0.00338699	2.14099	Week 3 up vs Week 2
10526943	NM_001038703 // Gpr146 // G protein-coupled receptor 146 // 5 G1 // 80290 /// NM	Gpr146	5.49452E-08	2.14112	Week 3 up vs Week 2
10342039	---		0.00194818	2.14158	Week 3 up vs Week 2
10421309	NM_001135151 // Slc39a14 // solute carrier family 39 (zinc transporter), member	Slc39a14	2.98942E-08	2.14257	Week 3 up vs Week 2
10444420	NM_018862 // Agpat1 // 1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosp	Agpat1	1E-15	2.14293	Week 3 up vs Week 2
10339245	---		1.18532E-09	2.14423	Week 3 up vs Week 2
10342211	---		0.00621713	2.14443	Week 3 up vs Week 2
10417734	NM_011584 // Nr1d2 // nuclear receptor subfamily 1, group D, member 2 // 14 A2 /	Nr1d2	2.42E-13	2.14446	Week 3 up vs Week 2
10340373	---		1.05431E-06	2.14561	Week 3 up vs Week 2
10517508	NM_009777 // C1qb // complement component 1, q subcomponent, beta polypeptide //	C1qb	2.91012E-08	2.14603	Week 3 up vs Week 2
10400926	NM_153457 // Rtn1 // reticulon 1 // 12 C3 // 104001 /// NM_001007596 // Rtn1 //	Rtn1	0.00457672	2.14702	Week 3 up vs Week 2
10535807	NM_010228 // Flt1 // FMS-like tyrosine kinase 1 // 5 G|5 82.0 cM // 14254 /// EN	Flt1	0.000779237	2.14704	Week 3 up vs Week 2
10376096	NM_001033598 // Acsl6 // acyl-CoA synthetase long-chain family member 6 // 11 B1	Acsl6	0.00022372	2.14705	Week 3 up vs Week 2
10341019	---		0.000653841	2.14708	Week 3 up vs Week 2
10373768	NM_053267 // Selm // selenoprotein M // --- // 114679 /// ENSMUST00000094469 //	Selm	3.9407E-06	2.14725	Week 3 up vs Week 2
10488020	NM_029148 // Tmx4 // thioredoxin-related transmembrane protein 4 // 2 G1|2 77.0	Tmx4	2.43552E-06	2.14764	Week 3 up vs Week 2
10424676	NM_008529 // Ly6e // lymphocyte antigen 6 complex, locus E // 15 D3|15 41.7 cM /	Ly6e	3.58856E-05	2.14781	Week 3 up vs Week 2
10343420	---		9.70753E-05	2.15202	Week 3 up vs Week 2
10548622	NM_198669 // Prb1 // proline-rich protein BstNI subfamily 1 // 6 G1 // 381833 //	Prb1	0.00811955	2.15233	Week 3 up vs Week 2
10608658	---		2.50889E-10	2.15425	Week 3 up vs Week 2
10338231	---		1.96885E-06	2.15492	Week 3 up vs Week 2
10508069	NM_008049 // Ftl2 // ferritin light chain 2 // 4 D2.2 // 14337 /// NM_010240 //	Ftl2	1.22463E-07	2.15679	Week 3 up vs Week 2
10339241	---		4.21893E-05	2.15741	Week 3 up vs Week 2
10344135	---		0.00156596	2.15741	Week 3 up vs Week 2
10494262	NM_007802 // Ctsk // cathepsin K // 3 F2.1|3 47.9 cM // 13038 /// ENSMUST0000001	Ctsk	0.000186234	2.15782	Week 3 up vs Week 2
10341197	---		0.00181473	2.15858	Week 3 up vs Week 2
10339990	---		0.00106055	2.1588	Week 3 up vs Week 2
10600886	NM_029536 // Gpr165 // G protein-coupled receptor 165 // X C1|X // 76206 /// ENS	Gpr165	0.000602663	2.15904	Week 3 up vs Week 2
10437205	NM_008791 // Pcp4 // Purkinje cell protein 4 // 16 C4|16 69.9 cM // 18546 /// EN	Pcp4	0.000533471	2.15926	Week 3 up vs Week 2
10342288	---		0.000899095	2.15932	Week 3 up vs Week 2
10451953	NM_029796 // Lrg1 // leucine-rich alpha-2-glycoprotein 1 // 17 D|17 10.0 cM // 7	Lrg1	6.29413E-07	2.15944	Week 3 up vs Week 2
10375956	NM_177059 // Fstl4 // follistatin-like 4 // 11 B1.3 // 320027 /// ENSMUST0000003	Fstl4	2.58504E-05	2.15972	Week 3 up vs Week 2
10371356	NM_145220 // Appl2 // adaptor protein, phosphotyrosine interaction, PH domain an	Appl2	4.20856E-05	2.15987	Week 3 up vs Week 2
10561927	NM_007467 // Aplp1 // amyloid beta (A4) precursor-like protein 1 // 7 B1|7 8.0 c	Aplp1	9.00878E-05	2.16037	Week 3 up vs Week 2
10433691	NM_010946 // Ntan1 // N-terminal Asn amidase // 16 A1|16 8.7 cM // 18203 /// NM_	Ntan1	5.58713E-08	2.16039	Week 3 up vs Week 2
10407286	ENSMUST00000078163 // BC067074 // cDNA sequence BC067074 // 13 D2.2 // 408066 //	BC067074	4.75816E-06	2.16108	Week 3 up vs Week 2
10467979	NM_009127 // Scd1 // stearoyl-Coenzyme A desaturase 1 // 19 C3|19 43.0 cM // 202	Scd1	0.000587473	2.16313	Week 3 up vs Week 2
10425335	NM_207708 // Syngr1 // synaptogyrin 1 // 15 E1 // 20972 /// NM_009303 // Syngr1	Syngr1	1.01769E-06	2.16373	Week 3 up vs Week 2
10454514	NM_144862 // Lims2 // LIM and senescent cell antigen like domains 2 // 18 B1 //	Lims2	2.93104E-05	2.16405	Week 3 up vs Week 2
10341982	---		8.43057E-05	2.16431	Week 3 up vs Week 2
10372383	BC051527 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 320150	Zdhhc17	0.00017557	2.16495	Week 3 up vs Week 2
10557177	NM_008855 // Prkcb // protein kinase C, beta // 7 F3|7 60.0 cM // 18751 /// ENSM	Prkcb	5.45072E-07	2.1651	Week 3 up vs Week 2
10342920	---		0.000224309	2.16546	Week 3 up vs Week 2
10510700	NM_178406 // Gpr153 // G protein-coupled receptor 153 // 4 E2 // 100129 /// ENSM	Gpr153	1.15481E-07	2.16572	Week 3 up vs Week 2
10533007	NM_001080808 // Ccdc64 // coiled-coil domain containing 64 // 5 F // 75665 /// E	Ccdc64	1.71581E-07	2.16583	Week 3 up vs Week 2
10352867	NM_008882 // Plxna2 // plexin A2 // --- // 18845 /// ENSMUST00000027952 // Plxna	Plxna2	5.08689E-08	2.16828	Week 3 up vs Week 2
10343188	---		2.58314E-05	2.16911	Week 3 up vs Week 2
10344495	---		1.12013E-10	2.16992	Week 3 up vs Week 2
10344545	---		0.000304114	2.17131	Week 3 up vs Week 2
10343558	---		0.00016845	2.17177	Week 3 up vs Week 2
10369932	NM_027890 // Susd2 // sushi domain containing 2 // 10 B5.3 // 71733 /// ENSMUST0	Susd2	2.74178E-08	2.17185	Week 3 up vs Week 2
10339120	---		0.000602874	2.17271	Week 3 up vs Week 2

10580033	NM_011925 // Cd97 // CD97 antigen // 8 C2|8 38.0 cM // 26364 /// ENSMUST00000075	Cd97	0.000127105	2.17337	Week 3 up vs Week 2
10593927	NM_020270 // Scamp5 // secretory carrier membrane protein 5 // 9 B // 56807 ///	Scamp5	7.23877E-05	2.17343	Week 3 up vs Week 2
10338116	---		4.206E-12	2.17456	Week 3 up vs Week 2
10343468	---		3.00286E-07	2.17461	Week 3 up vs Week 2
10562211	NM_052992 // Fxyd1 // FXYD domain-containing ion transport regulator 1 // 7 B1 /	Fxyd1	8.34038E-06	2.17639	Week 3 up vs Week 2
10426544	NM_026353 // Slc48a1 // solute carrier family 48 (heme transporter), member 1 //	Slc48a1	5.99358E-10	2.17683	Week 3 up vs Week 2
10566529	NM_009906 // Tpp1 // tripeptidyl peptidase I // 7 E3|7 50.0 cM // 12751 /// ENSM	Tpp1	2.83965E-09	2.17728	Week 3 up vs Week 2
10341796	---		0.000201374	2.17728	Week 3 up vs Week 2
10393836	NM_133796 // Arhgdia // Rho GDP dissociation inhibitor (GDI) alpha // 11 E2 // 1	Arhgdia	3.165E-12	2.17796	Week 3 up vs Week 2
10339035	---		0.000194923	2.1782	Week 3 up vs Week 2
10569714	NM_133189 // Cacng7 // calcium channel, voltage-dependent, gamma subunit 7 // 7	Cacng7	4.35025E-06	2.17833	Week 3 up vs Week 2
10518428	NM_011929 // Clcn6 // chloride channel 6 // 4 76.4 cM // 26372 /// ENSMUST000000	Clcn6	6.24791E-09	2.17838	Week 3 up vs Week 2
10341765	---		6.22998E-06	2.17882	Week 3 up vs Week 2
10349711	NM_173865 // Slc41a1 // solute carrier family 41, member 1 // 1 E4 // 98396 ///	Slc41a1	7.82699E-10	2.17902	Week 3 up vs Week 2
10553042	NM_028544 // Rasip1 // Ras interacting protein 1 // 7 B2 // 69903 /// ENSMUST000	Rasip1	1.37966E-05	2.18009	Week 3 up vs Week 2
10341387	---		0.000156677	2.18146	Week 3 up vs Week 2
10442691	NM_011930 // Clcn7 // chloride channel 7 // 17 A3.3|17 10.0 cM // 26373 /// ENSM	Clcn7	3.6778E-11	2.18192	Week 3 up vs Week 2
10438272	NM_011172 // Prodh // proline dehydrogenase // 16 A3|16 10.73 cM // 19125 /// EN	Prodh	2.34414E-10	2.18273	Week 3 up vs Week 2
10404404	NM_010225 // Foxf2 // forkhead box F2 // 13 A4 // 14238 /// ENSMUST00000042054 /	Foxf2	0.00027487	2.18326	Week 3 up vs Week 2
10460317	NM_008851 // Pitpnm1 // phosphatidylinositol transfer protein, membrane-associat	Pitpnm1	0.000833889	2.1847	Week 3 up vs Week 2
10531737	NM_152803 // Hpse // heparanase // 5 E4 // 15442 /// ENSMUST00000045617 // Hpse	Hpse	1.08577E-06	2.1856	Week 3 up vs Week 2
10341722	---		4.32765E-08	2.18759	Week 3 up vs Week 2
10602966	NM_011302 // Rs1 // retinoschisis (X-linked, juvenile) 1 (human) // X F4|X 70.0	Rs1	0.0213315	2.18781	Week 3 up vs Week 2
10368175	NM_013875 // Pde7b // phosphodiesterase 7B // 10 A3 // 29863 /// ENSMUST00000020	Pde7b	3.25602E-05	2.18844	Week 3 up vs Week 2
10586865	NM_009022 // Aldh1a2 // aldehyde dehydrogenase family 1, subfamily A2 // 9 D|9 4	Aldh1a2	0.000581639	2.18909	Week 3 up vs Week 2
10453057	NM_009994 // Cyp1b1 // cytochrome P450, family 1, subfamily b, polypeptide 1 //	Cyp1b1	1.73337E-06	2.18966	Week 3 up vs Week 2
10341787	---		6.98E-13	2.19054	Week 3 up vs Week 2
10585874	NM_010421 // Hexa // hexosaminidase A // 9 B|9 29.0 cM // 15211 /// ENSMUST00000	Hexa	1.38031E-06	2.1906	Week 3 up vs Week 2
10603099	NM_010216 // Figf // c-fos induced growth factor // X F5|X 70.0 cM // 14205 ///	Figf	3.37742E-06	2.19232	Week 3 up vs Week 2
10439483	NM_020260 // Cdgap // CDC42 GTPase-activating protein // 16 B4 // 12549 /// ENSM	Cdgap	0.000165805	2.19288	Week 3 up vs Week 2
10344236	---		0.00047686	2.19447	Week 3 up vs Week 2
10352916	BC058715 // C030002C11Rik // RIKEN cDNA C030002C11 gene // --- // 320977	C030002C11Rik	4.94883E-06	2.19463	Week 3 up vs Week 2
10504375	NM_173788 // Npr2 // natriuretic peptide receptor 2 // 4 B1|4 21.5 cM // 230103	Npr2	5.28139E-05	2.19494	Week 3 up vs Week 2
10342538	---		2.86233E-06	2.19669	Week 3 up vs Week 2
10593634	NM_177769 // Elmod1 // ELMO domain containing 1 // 9 A5.3 // 270162 /// ENSMUST0	Elmod1	7.70782E-05	2.1977	Week 3 up vs Week 2
10536635	BC151018 // A430107O13Rik // RIKEN cDNA A430107O13 gene // 6 A3.1 // 214642 ///	A430107O13Rik	0.00356591	2.19865	Week 3 up vs Week 2
10403796	NM_175007 // Amph // amphiphysin // 13 A2 // 218038 /// ENSMUST00000003345 // Am	Amph	0.000291942	2.20074	Week 3 up vs Week 2
10340853	---		0.000542223	2.20564	Week 3 up vs Week 2
10343782	---		0.000030036	2.20726	Week 3 up vs Week 2
10471216	NM_011836 // Lamc3 // laminin gamma 3 // 2 B // 23928 /// ENSMUST00000028187 //	Lamc3	8.85577E-05	2.2081	Week 3 up vs Week 2
10343704	---		2.60343E-09	2.20838	Week 3 up vs Week 2
10344238	---		9.27844E-06	2.20944	Week 3 up vs Week 2
10380489	NM_146025 // Samd14 // sterile alpha motif domain containing 14 // 11 D // 21712	Samd14	3.22031E-09	2.21097	Week 3 up vs Week 2
10455942	BC075669 // A730017C20Rik // RIKEN cDNA A730017C20 gene // 18 D3 // 225583 /// N	A730017C20Rik	0.000186351	2.21329	Week 3 up vs Week 2
10446376	NM_008549 // Man2a1 // mannosidase 2, alpha 1 // 17 E1.2 // 17158 /// ENSMUST000	Man2a1	2.98472E-06	2.21515	Week 3 up vs Week 2
10402195	NM_028924 // Tc2n // tandem C2 domains, nuclear // 12 F1 // 74413 /// NM_0010829	Tc2n	0.000204613	2.21637	Week 3 up vs Week 2
10344420	---		0.000100506	2.2173	Week 3 up vs Week 2
10359034	NM_001024945 // Qsox1 // quiescin Q6 sulfhydryl oxidase 1 // 1 G3 // 104009 ///	Qsox1	2.6371E-09	2.21781	Week 3 up vs Week 2
10549504	NM_177192 // Dennd5b // DENN/MADD domain containing 5B // 6 G3 // 320560 /// ENS	Dennd5b	2.96317E-08	2.21825	Week 3 up vs Week 2
10427026	NM_019518 // Grasp // GRP1 (general receptor for phosphoinositides 1)-associated	Grasp	6.03229E-06	2.22036	Week 3 up vs Week 2
10376778	NM_029568 // Mfap4 // microfibrillar-associated protein 4 // 11 B2|11 34.35 cM /	Mfap4	5.84113E-05	2.22073	Week 3 up vs Week 2
10515771	NM_011587 // Tie1 // tyrosine kinase with immunoglobulin-like and EGF-like domai	Tie1	0.000350882	2.22261	Week 3 up vs Week 2
10341992	---		1.23078E-06	2.22411	Week 3 up vs Week 2
10344584	---		3.12183E-09	2.22505	Week 3 up vs Week 2
10488415	NM_009976 // Cst3 // cystatin C // 2 G3|2 84.0 cM // 13010 /// ENSMUST0000002893	Cst3	5.62519E-07	2.22579	Week 3 up vs Week 2
10574027	NM_013602 // Mt1 // metallothionein 1 // 8 C5|8 45.0 cM // 17748 /// ENSMUST0000	Mt1	1.22965E-08	2.22681	Week 3 up vs Week 2
10607064	NM_001007576 // Gucy2f // guanylate cyclase 2f // X F2|X 61.0 cM // 245650 /// E	Gucy2f	0.00223968	2.22748	Week 3 up vs Week 2
10339838	---		0.000718953	2.22768	Week 3 up vs Week 2
10436958	NM_172469 // Clic6 // chloride intracellular channel 6 // 16 C4 // 209195 /// EN	Clic6	0.000187744	2.2284	Week 3 up vs Week 2
10396936	NM_001146217 // Smoc1 // SPARC related modular calcium binding 1 // 12 D1 // 640	Smoc1	0.000499138	2.22861	Week 3 up vs Week 2
10511180	NM_024263 // Mxra8 // matrix-remodelling associated 8 // 4 E2|4 83.0 cM // 74761	Mxra8	0.000190414	2.22996	Week 3 up vs Week 2
10470954	NM_177725 // Lrrc8a // leucine rich repeat containing 8A // 2 B // 241296 /// EN	Lrrc8a	3.41508E-09	2.23002	Week 3 up vs Week 2
10565401	NM_016770 // Folh1 // folate hydrolase // 7 D1-D2 // 53320 /// NM_001159706 // F	Folh1	2.02921E-07	2.23042	Week 3 up vs Week 2
10454286	NM_153058 // Mapre2 // microtubule-associated protein, RP/EB family, member 2 //	Mapre2	5.70509E-09	2.2307	Week 3 up vs Week 2
10452729	BC046516 // BC027072 // cDNA sequence BC027072 // 17 E1.3 // 225004 /// BC060373	BC027072	0.000941048	2.23193	Week 3 up vs Week 2

10606735	NM_026139 // Armcx2 // armadillo repeat containing, X-linked 2 // X E3 // 67416	Armcx2	2.43103E-07	2.23366	Week 3 up vs Week 2
10559261	NM_133655 // Cd81 // CD81 antigen // 7 F5|7 69.3 cM // 12520 /// ENSMUST00000037	Cd81	4.15929E-07	2.23548	Week 3 up vs Week 2
10378681	NM_008916 // Inpp5k // inositol polyphosphate 5-phosphatase K // 11 B5|11 44.12	Inpp5k	1.53988E-06	2.23606	Week 3 up vs Week 2
10339681	---		0.000128792	2.23658	Week 3 up vs Week 2
10343543	---		1.65674E-08	2.23803	Week 3 up vs Week 2
10341675	---		0.000088104	2.24054	Week 3 up vs Week 2
10378549	NM_177708 // Rtn4rl1 // reticulon 4 receptor-like 1 // 11 B5 // 237847 /// ENSMU	Rtn4rl1	8.27285E-08	2.24095	Week 3 up vs Week 2
10425601	NM_153484 // Tef // thyrotroph embryonic factor // 15 E1|15 46.7 cM // 21685 ///	Tef	3.62E-13	2.2414	Week 3 up vs Week 2
10397257	NM_007701 // Vsx2 // visual system homeobox 2 // 12 D1|12 38.0 cM // 12677 /// E	Vsx2	0.00284708	2.24174	Week 3 up vs Week 2
10571399	NM_178395 // Zdhhc2 // zinc finger, DHHC domain containing 2 // 8 A4 // 70546 //	Zdhhc2	6.36863E-05	2.24305	Week 3 up vs Week 2
10490989	NM_001042611 // Cp // ceruloplasmin // 3 D // 12870 /// NM_007752 // Cp // cerul	Cp	6.30156E-05	2.24376	Week 3 up vs Week 2
10343910	---		4.97043E-05	2.24448	Week 3 up vs Week 2
10504137	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	6.50978E-08	2.2449	Week 3 up vs Week 2
10504201	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	6.50978E-08	2.2449	Week 3 up vs Week 2
10512350	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	6.50978E-08	2.2449	Week 3 up vs Week 2
10512352	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	6.50978E-08	2.2449	Week 3 up vs Week 2
10538082	NM_133764 // Atp6v0e2 // ATPase, H+ transporting, lysosomal V0 subunit E2 // 6 B	Atp6v0e2	1.45538E-05	2.24561	Week 3 up vs Week 2
10339524	---		4.05322E-07	2.24596	Week 3 up vs Week 2
10418506	NM_138672 // Stab1 // stabilin 1 // 14 B // 192187 /// ENSMUST00000036618 // Sta	Stab1	2.92994E-06	2.24654	Week 3 up vs Week 2
10350136	NM_007791 // Csrp1 // cysteine and glycine-rich protein 1 // 1 E4 // 13007 /// E	Csrp1	5.46217E-07	2.24729	Week 3 up vs Week 2
10341287	---		0.000289324	2.24811	Week 3 up vs Week 2
10411082	NM_011582 // Thbs4 // thrombospondin 4 // 13 C3|13 51.0 cM // 21828 /// ENSMUST0	Thbs4	0.0018918	2.24913	Week 3 up vs Week 2
10339729	---		1.0991E-11	2.24929	Week 3 up vs Week 2
10339286	---		0.000273723	2.25001	Week 3 up vs Week 2
10341459	---		4.56E-13	2.25052	Week 3 up vs Week 2
10406198	NM_008049 // Ftl2 // ferritin light chain 2 // 4 D2.2 // 14337 /// NM_010240 //	Ftl2	2.66623E-07	2.2511	Week 3 up vs Week 2
10358476	NM_021400 // Prg4 // proteoglycan 4 (megakaryocyte stimulating factor, articular	Prg4	2.04764E-06	2.25218	Week 3 up vs Week 2
10343779	---		4.86967E-06	2.25224	Week 3 up vs Week 2
10339712	---		0.00309507	2.25365	Week 3 up vs Week 2
10341441	---		0.00024216	2.25392	Week 3 up vs Week 2
10440099	NM_018784 // St3gal6 // ST3 beta-galactoside alpha-2,3-sialyltransferase 6 // 16	St3gal6	0.000362212	2.25487	Week 3 up vs Week 2
10364280	NM_145925 // Pttg1ip // pituitary tumor-transforming 1 interacting protein // 10	Pttg1ip	3.11635E-07	2.25704	Week 3 up vs Week 2
10416082	NM_029979 // Trim35 // tripartite motif-containing 35 // 14 D1 // 66854 /// AF14	Trim35	5.80772E-06	2.25716	Week 3 up vs Week 2
10495054	NM_007484 // Rhoc // ras homolog gene family, member C // 3 F2.2 // 11853 /// EN	Rhoc	5.81553E-07	2.25763	Week 3 up vs Week 2
10600597	NM_175771 // Tmem47 // transmembrane protein 47 // X A7.2 // 192216 /// NM_13875	Tmem47	2.65242E-05	2.25806	Week 3 up vs Week 2
10433885	NM_007679 // Cebpd // CCAAT/enhancer binding protein (C/EBP), delta // 16 A2|16	Cebpd	1.04657E-09	2.2586	Week 3 up vs Week 2
10487906	NM_018824 // Slc23a2 // solute carrier family 23 (nucleobase transporters), memb	Slc23a2	5.65495E-08	2.25981	Week 3 up vs Week 2
10344332	---		5.27477E-07	2.25988	Week 3 up vs Week 2
10488655	NM_009743 // Bcl2l1 // BCL2-like 1 // 2 H1|2 87.5 cM // 12048 /// ENSMUST0000010	Bcl2l1	1.4E-14	2.26151	Week 3 up vs Week 2
10413185	NM_183208 // Zmiz1 // zinc finger, MIZ-type containing 1 // 14 A3 // 328365 ///	Zmiz1	3.37033E-09	2.26226	Week 3 up vs Week 2
10462035	NM_008492 // Ldhb // lactate dehydrogenase B // 6 G2|6 62.0 cM // 16832 /// ENSM	Ldhb	1.0445E-07	2.2656	Week 3 up vs Week 2
10595211	NM_007730 // Col12a1 // collagen, type XII, alpha 1 // 9 E1|9 43.0 cM // 12816 /	Col12a1	0.00184592	2.2672	Week 3 up vs Week 2
10516735	NM_023476 // Tinagl1 // tubulointerstitial nephritis antigen-like 1 // 4 D3 // 9	Tinagl1	4.7228E-07	2.26725	Week 3 up vs Week 2
10516481	NM_008120 // Gja4 // gap junction protein, alpha 4 // 4 D2.2|4 57.6 cM // 14612	Gja4	8.52507E-06	2.27305	Week 3 up vs Week 2
10489872	NM_008420 // Kcnb1 // potassium voltage gated channel, Shab-related subfamily, m	Kcnb1	0.000166967	2.27381	Week 3 up vs Week 2
10389795	NM_011505 // Stxbp4 // syntaxin binding protein 4 // 11 C // 20913 /// ENSMUST00	Stxbp4	3.35727E-06	2.2744	Week 3 up vs Week 2
10587107	NM_010864 // Myo5a // myosin VA // 9 D|9 42.0 cM // 17918 /// ENSMUST00000036772	Myo5a	0.00108915	2.27594	Week 3 up vs Week 2
10600994	NM_133205 // Arr3 // arrestin 3, retinal // X C2 // 170735 /// ENSMUST0000011376	Arr3	0.00544704	2.27603	Week 3 up vs Week 2
10338833	---		4.20863E-05	2.27628	Week 3 up vs Week 2
10465150	NM_144868 // Pcnxl3 // pecanex-like 3 (Drosophila) // 19 A // 104401 /// ENSMUST	Pcnxl3	1.56896E-10	2.2771	Week 3 up vs Week 2
10521759	NM_178804 // Slit2 // slit homolog 2 (Drosophila) // 5 B3 // 20563 /// ENSMUST00	Slit2	8.28392E-06	2.27843	Week 3 up vs Week 2
10569319	NM_009983 // Ctsd // cathepsin D // 7 F5 // 13033 /// ENSMUST00000066401 // Ctsd	Ctsd	4.69088E-10	2.27898	Week 3 up vs Week 2
10401244	NM_134156 // Actn1 // actinin, alpha 1 // 12 C3|12 35.0 cM // 109711 /// ENSMUST	Actn1	2.00064E-06	2.27987	Week 3 up vs Week 2
10340279	---		1.41996E-05	2.28341	Week 3 up vs Week 2
10504203	ENSMUST00000068158 // 4930578G10Rik // RIKEN cDNA 4930578G10 gene // 4 A5 // 759	4930578G10Rik	1.87408E-06	2.28368	Week 3 up vs Week 2
10354677	NM_001081433 // Ankrd44 // ankyrin repeat domain 44 // 1 C1.1 // 329154 /// ENSM	Ankrd44	6.80904E-07	2.28369	Week 3 up vs Week 2
10458663	NM_009468 // Dpysl3 // dihydropyrimidinase-like 3 // 18 B3 // 22240 /// NM_00113	Dpysl3	1.39038E-05	2.28657	Week 3 up vs Week 2
10339281	---		3.40791E-07	2.28743	Week 3 up vs Week 2
10352918	BC058715 // C030002C11Rik // RIKEN cDNA C030002C11 gene // --- // 320977	C030002C11Rik	2.62876E-05	2.28929	Week 3 up vs Week 2
10443494	NM_023734 // Pi16 // peptidase inhibitor 16 // 17 B1 // 74116 /// ENSMUST0000011	Pi16	0.000605085	2.2898	Week 3 up vs Week 2
10338486	---		1.32426E-07	2.29136	Week 3 up vs Week 2
10598309	NM_019582 // Cacna1f // calcium channel, voltage-dependent, alpha 1F subunit //	Cacna1f	0.0040092	2.29258	Week 3 up vs Week 2
10338810	---		0.00249479	2.29314	Week 3 up vs Week 2
10560174	NM_009156 // Sepw1 // selenoprotein W, muscle 1 // 7 A2 // 20364 /// ENSMUST0000	Sepw1	2.46604E-07	2.29355	Week 3 up vs Week 2
10429568	NM_010741 // Ly6c1 // lymphocyte antigen 6 complex, locus C1 // 15 D3|15 42.7 cM	Ly6c1	6.56287E-06	2.29478	Week 3 up vs Week 2

10343284	---		2.01622E-06	2.29491	Week 3 up vs Week 2
10545045	NM_153574 // Fam13a // family with sequence similarity 13, member A // 6 B3 // 5	Fam13a	1.26427E-05	2.29704	Week 3 up vs Week 2
10595392	NM_148941 // Elovl4 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl4	0.00406088	2.29811	Week 3 up vs Week 2
10379176	NM_011676 // Unc119 // unc-119 homolog (C. elegans) // 11 B5|11 44.99 cM // 2224	Unc119	0.00518523	2.30015	Week 3 up vs Week 2
10461115	NM_031194 // Slc22a8 // solute carrier family 22 (organic anion transporter), me	Slc22a8	3.06347E-06	2.30104	Week 3 up vs Week 2
10446777	NM_020578 // Ehd3 // EH-domain containing 3 // 17 43.25 cM // 57440 /// ENSMUST0	Ehd3	1.50849E-06	2.30257	Week 3 up vs Week 2
10344363	---		0.00526222	2.3026	Week 3 up vs Week 2
10363415	NM_052994 // Spock2 // sparc/osteonectin, cwcv and kazal-like domains proteoglyc	Spock2	8.22102E-06	2.30293	Week 3 up vs Week 2
10570982	NM_010206 // Fgfr1 // fibroblast growth factor receptor 1 // 8 A2|8 10.0 cM // 1	Fgfr1	2.36357E-06	2.30379	Week 3 up vs Week 2
10496251	NM_027208 // Bdh2 // 3-hydroxybutyrate dehydrogenase, type 2 // 3 H2 // 69772 //	Bdh2	4.55988E-05	2.30392	Week 3 up vs Week 2
10342537	---		2.38893E-09	2.30607	Week 3 up vs Week 2
10573979	NM_010308 // Gnao1 // guanine nucleotide binding protein, alpha O // 8 C5|8 45.0	Gnao1	4.95945E-05	2.30646	Week 3 up vs Week 2
10594188	NM_013708 // Nr2e3 // nuclear receptor subfamily 2, group E, member 3 // 9 B|9 3	Nr2e3	0.0108128	2.30866	Week 3 up vs Week 2
10482795	NM_029972 // Ermn // ermin, ERM-like protein // 2 C2|2 // 77767 /// ENSMUST00000	Ermn	0.000708546	2.30872	Week 3 up vs Week 2
10430020	NM_025842 // Vps28 // vacuolar protein sorting 28 (yeast) // 15 D3 // 66914 ///	Vps28	2.84739E-09	2.30983	Week 3 up vs Week 2
10521830	NM_026404 // Slc35a4 // solute carrier family 35, member A4 // 18 B3 // 67843 //	Slc35a4	9.36E-12	2.31174	Week 3 up vs Week 2
10541354	NM_175628 // A2m // alpha-2-macroglobulin // 6 F1|6 61.7 cM // 232345 /// ENSMUS	A2m	2.16467E-05	2.31223	Week 3 up vs Week 2
10419736	NM_010015 // Dad1 // defender against cell death 1 // 14 C2|14 24.0 cM // 13135	Dad1	1.47055E-10	2.31495	Week 3 up vs Week 2
10341950	---		0.0133165	2.31603	Week 3 up vs Week 2
10588263	NM_033314 // Slco2a1 // solute carrier organic anion transporter family, member	Slco2a1	4.42369E-07	2.31674	Week 3 up vs Week 2
10488378	NM_009378 // Thbd // thrombomodulin // 2 G3|2 84.0 cM // 21824 /// ENSMUST000000	Thbd	7.38339E-05	2.31929	Week 3 up vs Week 2
10399360	NM_007483 // Rhob // ras homolog gene family, member B // 12 A1.1 // 11852 /// E	Rhob	5.92006E-10	2.31949	Week 3 up vs Week 2
10453747	NM_130449 // Colec12 // collectin sub-family member 12 // 18 A1 // 140792 /// EN	Colec12	7.58744E-05	2.32123	Week 3 up vs Week 2
10481845	BC059907 // Fam125b // family with sequence similarity 125, member B // 2 B // 7	Fam125b	2.32988E-08	2.32231	Week 3 up vs Week 2
10377235	NM_009038 // Rcvrn // recoverin // 11 B3|11 35.0 cM // 19674 /// ENSMUST00000021	Rcvrn	0.0196435	2.3228	Week 3 up vs Week 2
10570379	NM_011881 // Grk1 // G protein-coupled receptor kinase 1 // --- // 24013 /// BC0	Grk1	0.0075128	2.32322	Week 3 up vs Week 2
10461439	NM_146094 // Fads1 // fatty acid desaturase 1 // 19 A // 76267 /// ENSMUST000000	Fads1	1.96289E-09	2.32399	Week 3 up vs Week 2
10449163	NM_011822 // Pigq // phosphatidylinositol glycan anchor biosynthesis, class Q //	Pigq	6.15E-13	2.32706	Week 3 up vs Week 2
10560624	NM_009696 // Apoe // apolipoprotein E // 7 A3|7 4.0 cM // 11816 /// ENSMUST00000	Apoe	3.5099E-06	2.32858	Week 3 up vs Week 2
10465089	NM_001024560 // Snx32 // sorting nexin 32 // 19 A // 225861 /// ENSMUST000000701	Snx32	5.6195E-08	2.33108	Week 3 up vs Week 2
10391669	NM_026542 // Slc25a39 // solute carrier family 25, member 39 // 11 D|11 60.0 cM	Slc25a39	2.612E-12	2.33127	Week 3 up vs Week 2
10473384	NM_021398 // Slc43a3 // solute carrier family 43, member 3 // --- // 58207 /// E	Slc43a3	1.08393E-05	2.33155	Week 3 up vs Week 2
10350630	NM_022018 // Fam129a // family with sequence similarity 129, member A // 1 G2 //	Fam129a	9.03337E-05	2.33212	Week 3 up vs Week 2
10410547	NM_028186 // Nkd2 // naked cuticle 2 homolog (Drosophila) // 13 C1 // 72293 ///	Nkd2	5.32026E-09	2.33279	Week 3 up vs Week 2
10516789	NM_001083119 // Ptpru // protein tyrosine phosphatase, receptor type, U // 4 D2.	Ptpru	7.6586E-07	2.33291	Week 3 up vs Week 2
10341793	---		3.75677E-07	2.33426	Week 3 up vs Week 2
10340643	---		2.91993E-09	2.33437	Week 3 up vs Week 2
10600169	NM_007542 // Bgn // biglycan // X B|X 29.3 cM // 12111 /// ENSMUST00000033741 //	Bgn	0.000567231	2.33446	Week 3 up vs Week 2
10401160	BC066067 // 6330442E10Rik // RIKEN cDNA 6330442E10 gene // 12 C3 // 268567 /// B	6330442E10Rik	1.14682E-05	2.33733	Week 3 up vs Week 2
10471882	NM_172854 // Olfml2a // olfactomedin-like 2A // 2 B // 241327 /// ENSMUST0000005	Olfml2a	2.23096E-06	2.33971	Week 3 up vs Week 2
10338087	---		1.17082E-06	2.34025	Week 3 up vs Week 2
10494372	NM_022030 // Sv2a // synaptic vesicle glycoprotein 2 a // 3 F2 // 64051 /// ENSM	Sv2a	2.24433E-05	2.34152	Week 3 up vs Week 2
10467124	NM_007392 // Acta2 // actin, alpha 2, smooth muscle, aorta // 19 C3 // 11475 ///	Acta2	0.00514388	2.34248	Week 3 up vs Week 2
10380398	NM_007689 // Chad // chondroadherin // 11 D|11 54.0 cM // 12643 /// ENSMUST00000	Chad	0.000173214	2.34249	Week 3 up vs Week 2
10356712	NM_008440 // Kif1a // kinesin family member 1A // 1 E1-E2 // 16560 /// NM_001110	Kif1a	1.21109E-05	2.34324	Week 3 up vs Week 2
10494643	NM_008256 // Hmgcs2 // 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 // 3 F2.	Hmgcs2	2.32949E-06	2.34332	Week 3 up vs Week 2
10436372	NM_028523 // Dcbld2 // discoidin, CUB and LCCL domain containing 2 // 16 C1.2 //	Dcbld2	1.11647E-06	2.34421	Week 3 up vs Week 2
10569707	NM_001093765 // Myadm // myeloid-associated differentiation marker // 7 A1|7 4.0	Myadm	6.70145E-05	2.34708	Week 3 up vs Week 2
10431872	ENSMUST00000100262 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 //	Slc38a1	1.25461E-06	2.34785	Week 3 up vs Week 2
10339301	---		3.35482E-05	2.35517	Week 3 up vs Week 2
10445664	NM_146079 // Guca1b // guanylate cyclase activator 1B // 17 C // 107477 /// ENSM	Guca1b	1.91419E-05	2.35554	Week 3 up vs Week 2
10356601	NM_011066 // Per2 // period homolog 2 (Drosophila) // 1 C5 // 18627 /// ENSMUST0	Per2	2.05281E-10	2.35846	Week 3 up vs Week 2
10490212	NM_022325 // Ctsz // cathepsin Z // 2 H4|2 103.5 cM // 64138 /// ENSMUST00000016	Ctsz	3.65992E-06	2.35862	Week 3 up vs Week 2
10338525	---		2.01074E-06	2.35872	Week 3 up vs Week 2
10542200	NM_020590 // Gabarapl1 // gamma-aminobutyric acid (GABA) A receptor-associated p	Gabarapl1	3.92169E-07	2.36034	Week 3 up vs Week 2
10342170	---		1.85281E-06	2.36129	Week 3 up vs Week 2
10596454	NM_020559 // Alas1 // aminolevulinic acid synthase 1 // 9 F1 // 11655 /// ENSMUS	Alas1	2.57401E-09	2.36293	Week 3 up vs Week 2
10419874	NM_021551 // Slc22a17 // solute carrier family 22 (organic cation transporter),	Slc22a17	5.53328E-09	2.36301	Week 3 up vs Week 2
10569017	NM_025378 // Ifitm3 // interferon induced transmembrane protein 3 // 7 F5 // 661	Ifitm3	3.56531E-09	2.36336	Week 3 up vs Week 2
10374083	NM_009636 // Aebp1 // AE binding protein 1 // 11 A1 // 11568 /// ENSMUST00000102	Aebp1	9.91693E-06	2.3642	Week 3 up vs Week 2
10341220	---		0.00504476	2.36524	Week 3 up vs Week 2
10347277	NM_008342 // Igfbp2 // insulin-like growth factor binding protein 2 // 1 C3|1 36	Igfbp2	2.29468E-06	2.36529	Week 3 up vs Week 2
10339187	---		0.000681505	2.36545	Week 3 up vs Week 2
10556005	NM_010562 // Ilk // integrin linked kinase // 7 E1 // 16202 /// NM_001161724 //	Ilk	8.43632E-10	2.36585	Week 3 up vs Week 2
10410778	NM_054053 // Gpr98 // G protein-coupled receptor 98 // 13 C3|13 40.0 cM // 11078	Gpr98	2.55394E-05	2.36665	Week 3 up vs Week 2

10343251	---		4.59311E-07	2.36766	Week 3 up vs Week 2
10500183	NM_144899 // Adamtsl4 // ADAMTS-like 4 // 3 F2.1 // 229595 /// ENSMUST0000011778	Adamtsl4	4.08651E-09	2.36874	Week 3 up vs Week 2
10341516	---		0.0025972	2.36921	Week 3 up vs Week 2
10533085	NM_018858 // Pebp1 // phosphatidylethanolamine binding protein 1 // 5 F|5 63.0 c	Pebp1	4.78872E-08	2.3699	Week 3 up vs Week 2
10500938	NM_009520 // Wnt2b // wingless related MMTV integration site 2b // 3 F2.2|3 49.0	Wnt2b	5.56687E-08	2.37128	Week 3 up vs Week 2
10363161	BC079613 // 6330442E10Rik // RIKEN cDNA 6330442E10 gene // 12 C3 // 268567 /// E	6330442E10Rik	6.24937E-05	2.37422	Week 3 up vs Week 2
10500808	NM_133859 // Olfml3 // olfactomedin-like 3 // 3 F2.2 // 99543 /// ENSMUST0000002	Olfml3	1.70197E-05	2.37558	Week 3 up vs Week 2
10342780	---		8.39997E-08	2.37692	Week 3 up vs Week 2
10339015	---		9.19379E-05	2.37815	Week 3 up vs Week 2
10355514	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961 /// BC055076 // Tns1 //	Tns1	1.53442E-05	2.38131	Week 3 up vs Week 2
10416057	NM_013492 // Clu // clusterin // 14 D1|14 28.0 cM // 12759 /// ENSMUST0000002261	Clu	7.49223E-09	2.3815	Week 3 up vs Week 2
10503259	NM_021897 // Trp53inp1 // transformation related protein 53 inducible nuclear pr	Trp53inp1	6.7594E-11	2.38174	Week 3 up vs Week 2
10459475	NM_145493 // Cplx4 // complexin 4 // 18 E1 // 225644 /// ENSMUST00000025397 // C	Cplx4	0.0122277	2.38183	Week 3 up vs Week 2
10407211	NM_008247 // Ppap2a // phosphatidic acid phosphatase type 2A // 13 D2.2 // 19012	Ppap2a	2.16072E-05	2.38222	Week 3 up vs Week 2
10548639	NM_198669 // Prb1 // proline-rich protein BstNI subfamily 1 // 6 G1 // 381833 //	Prb1	0.00461351	2.38305	Week 3 up vs Week 2
10342666	---		0.000284722	2.38317	Week 3 up vs Week 2
10582376	---		4.385E-12	2.38602	Week 3 up vs Week 2
10541753	NM_175696 // C530028O21Rik // RIKEN cDNA C530028O21 gene // 6 F2 // 319352 /// N	C530028O21Rik	5.48492E-09	2.38604	Week 3 up vs Week 2
10476740	NM_053195 // Slc24a3 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a3	1.61501E-06	2.38641	Week 3 up vs Week 2
10393559	NM_011594 // Timp2 // tissue inhibitor of metalloproteinase 2 // 11 E2|11 72.0 c	Timp2	7.62823E-05	2.38683	Week 3 up vs Week 2
10373223	NM_008512 // Lrp1 // low density lipoprotein receptor-related protein 1 // 10 B2	Lrp1	1.3802E-06	2.39059	Week 3 up vs Week 2
10594301	NM_175484 // Coro2b // coronin, actin binding protein, 2B // 9 B // 235431 /// E	Coro2b	1.08072E-07	2.39144	Week 3 up vs Week 2
10571142	NM_054044 // Gpr124 // G protein-coupled receptor 124 // 8 A3 // 78560 /// ENSMU	Gpr124	2.35644E-05	2.39521	Week 3 up vs Week 2
10546432	NM_175314 // Adamts9 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts9	2.45129E-06	2.39728	Week 3 up vs Week 2
10600317	NM_008106 // Opn1mw // opsin 1 (cone pigments), medium-wave-sensitive (color bli	Opn1mw	0.000569968	2.40161	Week 3 up vs Week 2
10341452	---		0.00101244	2.40167	Week 3 up vs Week 2
10483719	NM_001113246 // Chn1 // chimerin (chimaerin) 1 // 2 C3 // 108699 /// NM_175752 /	Chn1	7.01197E-06	2.40439	Week 3 up vs Week 2
10338794	---		4.93069E-05	2.40626	Week 3 up vs Week 2
10563085	NM_010189 // Fcgrt // Fc receptor, IgG, alpha chain transporter // 7 B4|7 23.0 c	Fcgrt	6.86232E-06	2.4069	Week 3 up vs Week 2
10340582	---		5.07475E-05	2.40733	Week 3 up vs Week 2
10383088	NM_008064 // Gaa // glucosidase, alpha, acid // 11 D-E|11 74.0 cM // 14387 /// N	Gaa	4.10124E-10	2.40874	Week 3 up vs Week 2
10339388	---		7.26971E-06	2.40904	Week 3 up vs Week 2
10431874	NM_134086 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 // 105727 //	Slc38a1	9.03816E-08	2.41254	Week 3 up vs Week 2
10430510	NM_172608 // Tmem184b // transmembrane protein 184b // 15 E1 // 223693 /// ENSMU	Tmem184b	9.48108E-09	2.41414	Week 3 up vs Week 2
10397364	NM_145447 // Mfsd7c // major facilitator superfamily domain containing 7C // 12	Mfsd7c	2.80231E-05	2.41414	Week 3 up vs Week 2
10342902	---		4.41767E-06	2.41602	Week 3 up vs Week 2
10574087	NM_022331 // Herpud1 // homocysteine-inducible, endoplasmic reticulum stress-ind	Herpud1	3.62664E-10	2.41796	Week 3 up vs Week 2
10442495	NM_013630 // Pkd1 // polycystic kidney disease 1 homolog // 17 A3.3|17 10.4 cM /	Pkd1	4.36022E-07	2.41832	Week 3 up vs Week 2
10490159	NM_022995 // Pmepa1 // prostate transmembrane protein, androgen induced 1 // 2 H	Pmepa1	6.44091E-08	2.41913	Week 3 up vs Week 2
10564818	NM_008486 // Anpep // alanyl (membrane) aminopeptidase // 7 D3 // 16790 /// ENSM	Anpep	0.000106831	2.42016	Week 3 up vs Week 2
10340790	---		1.45161E-08	2.42254	Week 3 up vs Week 2
10338681	---		0.000290205	2.42431	Week 3 up vs Week 2
10447591	NM_008049 // Ftl2 // ferritin light chain 2 // 4 D2.2 // 14337 /// NM_010240 //	Ftl2	1.94286E-07	2.42484	Week 3 up vs Week 2
10460582	NR_024189 // AI837181 // expressed sequence AI837181 // 19 A // 107242 /// NM_13	AI837181	1.814E-12	2.42542	Week 3 up vs Week 2
10596931	NM_031392 // Wdr6 // WD repeat domain 6 // 9 F2 // 83669 /// ENSMUST00000068700	Wdr6	3.65068E-08	2.42661	Week 3 up vs Week 2
10340241	---		1.25101E-10	2.42735	Week 3 up vs Week 2
10338223	---		8.12325E-08	2.42812	Week 3 up vs Week 2
10543791	NM_013723 // Podxl // podocalyxin-like // 6 A3.3|6 10.0 cM // 27205 /// ENSMUST0	Podxl	8.36365E-05	2.42877	Week 3 up vs Week 2
10339565	---		1.2481E-11	2.42917	Week 3 up vs Week 2
10457942	NM_009308 // Syt4 // synaptotagmin IV // 18 B1|18 10.0 cM // 20983 /// ENSMUST00	Syt4	2.61274E-05	2.43153	Week 3 up vs Week 2
10344466	---		0.00022534	2.43594	Week 3 up vs Week 2
10338295	---		1.94987E-08	2.43742	Week 3 up vs Week 2
10420988	NM_009955 // Dpysl2 // dihydropyrimidinase-like 2 // 14 D1|14 28.2 cM // 12934 /	Dpysl2	2.16892E-05	2.43746	Week 3 up vs Week 2
10544596	NM_023056 // Tmem176b // transmembrane protein 176B // 6 B2.3|6 19.0 cM // 65963	Tmem176b	3.49227E-07	2.43841	Week 3 up vs Week 2
10365983	NM_008524 // Lum // lumican // 10 C3|10 61.0 cM // 17022 /// ENSMUST00000038160	Lum	0.000404046	2.43848	Week 3 up vs Week 2
10511631	NM_145947 // Slc26a7 // solute carrier family 26, member 7 // 4 A1 // 208890 ///	Slc26a7	5.05026E-05	2.43892	Week 3 up vs Week 2
10572432	NM_023627 // Isyna1 // myo-inositol 1-phosphate synthase A1 // 8 B3.3 // 71780 /	Isyna1	4.8065E-11	2.43948	Week 3 up vs Week 2
10500272	BC132471 // Gm129 // predicted gene 129 // 3 F2.1 // 229599 /// NM_001033302 //	Gm129	1.8578E-10	2.43952	Week 3 up vs Week 2
10460468	NM_019861 // Ctsf // cathepsin F // 19 A // 56464 /// ENSMUST00000115980 // Ctsf	Ctsf	1.80824E-09	2.44017	Week 3 up vs Week 2
10501629	NM_001080818 // Cdc14a // CDC14 cell division cycle 14 homolog A (S. cerevisiae)	Cdc14a	2.7041E-07	2.44137	Week 3 up vs Week 2
10478647	NM_020333 // Slc12a5 // solute carrier family 12, member 5 // 2 G2-G3 // 57138 /	Slc12a5	0.000865387	2.44929	Week 3 up vs Week 2
10419082	BC056635 // 5730469M10Rik // RIKEN cDNA 5730469M10 gene // 14 B // 70564 /// ENS	5730469M10Rik	3.97017E-06	2.44996	Week 3 up vs Week 2
10365003	AF357364 // Snord37 // small nucleolar RNA, C/D box 37 // 10|10 // 100217454	Snord37	1.70287E-07	2.45294	Week 3 up vs Week 2
10340229	---		1.47756E-06	2.45635	Week 3 up vs Week 2
10360789	NM_007853 // Degs1 // degenerative spermatocyte homolog 1 (Drosophila) // 1 H5 /	Degs1	1.79336E-06	2.46251	Week 3 up vs Week 2

10340588	---		5.30041E-05	2.46718	Week 3 up vs Week 2
10392415	NM_011268 // Rgs9 // regulator of G-protein signaling 9 // 11 E1|11 70.0 cM // 1	Rgs9	0.000176376	2.47418	Week 3 up vs Week 2
10567010	NM_015814 // Dkk3 // dickkopf homolog 3 (Xenopus laevis) // 7 F1 // 50781 /// EN	Dkk3	1.42226E-07	2.47478	Week 3 up vs Week 2
10339475	---		1.32E-12	2.47975	Week 3 up vs Week 2
10582303	NM_007806 // Cyba // cytochrome b-245, alpha polypeptide // --- // 13057 /// ENS	Cyba	1.64956E-08	2.48127	Week 3 up vs Week 2
10439009	NM_007470 // Apod // apolipoprotein D // 16 B2|16 21.2 cM // 11815 /// ENSMUST00	Apod	8.19781E-05	2.48144	Week 3 up vs Week 2
10533929	NM_016741 // Scarb1 // scavenger receptor class B, member 1 // 5 G1.1|5 68.0 cM	Scarb1	1.54559E-08	2.48476	Week 3 up vs Week 2
10340111	---		0.00388983	2.4854	Week 3 up vs Week 2
10381122	NM_010221 // Fkbp10 // FK506 binding protein 10 // 11 D|11 58.0 cM // 14230 ///	Fkbp10	1.04308E-06	2.48657	Week 3 up vs Week 2
10341230	---		1.60047E-06	2.48814	Week 3 up vs Week 2
10343423	---		1.163E-11	2.4888	Week 3 up vs Week 2
10342797	---		0.000365656	2.49113	Week 3 up vs Week 2
10344197	---		0.00639577	2.49731	Week 3 up vs Week 2
10588037	NM_011254 // Rbp1 // retinol binding protein 1, cellular // 9 E3.3|9 52.0 cM //	Rbp1	1.1392E-06	2.49793	Week 3 up vs Week 2
10400137	NM_013760 // Dnajb9 // DnaJ (Hsp40) homolog, subfamily B, member 9 // 12 B1 // 2	Dnajb9	2.32321E-07	2.50022	Week 3 up vs Week 2
10530841	NM_001159518 // Igfbp7 // insulin-like growth factor binding protein 7 // 5 C3.3	Igfbp7	9.74024E-05	2.50356	Week 3 up vs Week 2
10429140	NM_008681 // Ndrg1 // N-myc downstream regulated gene 1 // 15 D2 // 17988 /// EN	Ndrg1	1.14478E-05	2.50506	Week 3 up vs Week 2
10407337	NM_010408 // Hcn1 // hyperpolarization-activated, cyclic nucleotide-gated K+ 1 /	Hcn1	0.00354794	2.50696	Week 3 up vs Week 2
10398075	NM_009252 // Serpina3n // serine (or cysteine) peptidase inhibitor, clade A, mem	Serpina3n	6.66605E-05	2.50951	Week 3 up vs Week 2
10523979	NM_008806 // Pde6b // phosphodiesterase 6B, cGMP, rod receptor, beta polypeptide	Pde6b	0.0241976	2.51005	Week 3 up vs Week 2
10341681	---		1.32747E-10	2.51801	Week 3 up vs Week 2
10529979	NR_027710 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	1.64736E-07	2.51808	Week 3 up vs Week 2
10593842	NM_019793 // Tspan3 // tetraspanin 3 // 9 C // 56434 /// ENSMUST00000034876 // T	Tspan3	2.20447E-06	2.52113	Week 3 up vs Week 2
10556266	NM_009516 // Wee1 // WEE 1 homolog 1 (S. pombe) // 7 F1 // 22390 /// ENSMUST0000	Wee1	1.26836E-07	2.52513	Week 3 up vs Week 2
10561104	NM_009465 // Axl // AXL receptor tyrosine kinase // 7 A3-B1|7 6.0 cM // 26362 //	Axl	1.91515E-06	2.52564	Week 3 up vs Week 2
10369615	NM_011157 // Srgn // serglycin // 10 B4 // 19073 /// ENSMUST00000105446 // Srgn	Srgn	0.000266509	2.52844	Week 3 up vs Week 2
10421269	NM_011366 // Sorbs3 // sorbin and SH3 domain containing 3 // 14 D2|14 34.5 cM //	Sorbs3	1.10986E-07	2.53087	Week 3 up vs Week 2
10398996	NM_024223 // Crip2 // cysteine rich protein 2 // 12 F1|12 58.7 cM // 68337 /// E	Crip2	5.33327E-06	2.53123	Week 3 up vs Week 2
10340943	---		0.000317747	2.53155	Week 3 up vs Week 2
10340394	---		6.11395E-06	2.53263	Week 3 up vs Week 2
10509163	NM_008321 // Id3 // inhibitor of DNA binding 3 // 4 D3|4 66.0 cM // 15903 /// EN	Id3	1.67056E-05	2.53348	Week 3 up vs Week 2
10358597	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	4.13618E-05	2.53567	Week 3 up vs Week 2
10560919	NM_144921 // Atp1a3 // ATPase, Na+/K+ transporting, alpha 3 polypeptide // 7 A3	Atp1a3	0.00136686	2.53778	Week 3 up vs Week 2
10348301	NM_009118 // Sag // retinal S-antigen // 1 D|1 53.6 cM // 20215 /// ENSMUST00000	Sag	0.0177865	2.54153	Week 3 up vs Week 2
10509901	NM_008546 // Mfap2 // microfibrillar-associated protein 2 // 4 D3-E1 // 17150 //	Mfap2	1.10773E-06	2.5435	Week 3 up vs Week 2
10426397	NM_007727 // Cntn1 // contactin 1 // 15 F|15 55.1 cM // 12805 /// NM_001159647 /	Cntn1	0.000189328	2.54556	Week 3 up vs Week 2
10461110	---		2.77147E-06	2.54811	Week 3 up vs Week 2
10338612	---		6.02103E-06	2.55124	Week 3 up vs Week 2
10545041	NM_021432 // Nap1l5 // nucleosome assembly protein 1-like 5 // 6 C1 // 58243 ///	Nap1l5	3.54882E-06	2.55439	Week 3 up vs Week 2
10396840	NM_030017 // Rdh12 // retinol dehydrogenase 12 // 12 D2 // 77974 /// ENSMUST0000	Rdh12	0.0103614	2.55445	Week 3 up vs Week 2
10349947	NM_021355 // Fmod // fibromodulin // 1 E4|1 74.3 cM // 14264 /// ENSMUST00000048	Fmod	0.000169604	2.55501	Week 3 up vs Week 2
10410766	NM_010151 // Nr2f1 // nuclear receptor subfamily 2, group F, member 1 // 13 C1|1	Nr2f1	3.48492E-06	2.55886	Week 3 up vs Week 2
10342256	---		0.000307046	2.56031	Week 3 up vs Week 2
10598626	NM_019634 // Tspan7 // tetraspanin 7 // X A1.3-A2 // 21912 /// ENSMUST0000007635	Tspan7	2.85961E-07	2.56051	Week 3 up vs Week 2
10387816	NM_173742 // Rnasek // ribonuclease, RNase K // 11 B3|11 37.0 cM // 52898 /// EN	Rnasek	1.886E-12	2.5672	Week 3 up vs Week 2
10605181	NM_023132 // Renbp // renin binding protein // X A7.3|X 29.53 cM // 19703 /// EN	Renbp	3.17196E-06	2.56833	Week 3 up vs Week 2
10341520	---		2.56691E-06	2.56987	Week 3 up vs Week 2
10342676	---		6.23797E-05	2.57339	Week 3 up vs Week 2
10343435	---		2.41772E-05	2.57404	Week 3 up vs Week 2
10518726	NM_027460 // Slc25a33 // solute carrier family 25, member 33 // 4 E1 // 70556 //	Slc25a33	2.51971E-06	2.57414	Week 3 up vs Week 2
10604637	NM_001018063 // Cxx1b // CAAX box 1 homolog B (human) // X A5 // 553127 /// NM_0	Cxx1b	3.71525E-08	2.57477	Week 3 up vs Week 2
10391061	NM_008470 // Krt16 // keratin 16 // 11 D // 16666 /// ENSMUST00000007280 // Krt1	Krt16	0.00201477	2.5758	Week 3 up vs Week 2
10595979	NM_008624 // Mras // muscle and microspikes RAS // 9 E3.3 // 17532	Mras	2.4918E-10	2.57609	Week 3 up vs Week 2
10338263	---		2.72918E-05	2.57663	Week 3 up vs Week 2
10444459	NM_031176 // Tnxb // tenascin XB // 17 B1|17 18.74 cM // 81877 /// ENSMUST000000	Tnxb	0.000115859	2.57892	Week 3 up vs Week 2
10553861	NM_001039104 // Trpm1 // transient receptor potential cation channel, subfamily	Trpm1	1.16015E-05	2.5802	Week 3 up vs Week 2
10584634	NM_198092 // Usp2 // ubiquitin specific peptidase 2 // 9 B // 53376 /// NM_01680	Usp2	1.83945E-10	2.58142	Week 3 up vs Week 2
10456046	NM_001146268 // Pdgfrb // platelet derived growth factor receptor, beta polypept	Pdgfrb	0.000690429	2.58305	Week 3 up vs Week 2
10339852	---		0.00141076	2.58407	Week 3 up vs Week 2
10342457	---		0.000087532	2.58721	Week 3 up vs Week 2
10540122	NM_009320 // Slc6a6 // solute carrier family 6 (neurotransmitter transporter, ta	Slc6a6	6.0948E-10	2.58817	Week 3 up vs Week 2
10517513	NM_007574 // C1qc // complement component 1, q subcomponent, C chain // 4 D3|4 6	C1qc	1.29582E-10	2.58838	Week 3 up vs Week 2
10381474	NM_025404 // Arl4d // ADP-ribosylation factor-like 4D // 11 D // 80981 /// BC016	Arl4d	6.75405E-08	2.58992	Week 3 up vs Week 2
10548879	NM_008597 // Mgp // matrix Gla protein // 6 G1 // 17313 /// ENSMUST00000032342 /	Mgp	6.60559E-05	2.5907	Week 3 up vs Week 2
10340051	---		4.07047E-05	2.59153	Week 3 up vs Week 2

10342267	---		3.34886E-07	2.59308	Week 3 up vs Week 2
10565910	NM_013746 // Plekhb1 // pleckstrin homology domain containing, family B (evectin	Plekhb1	0.00165961	2.59355	Week 3 up vs Week 2
10344393	---		0.000133206	2.59477	Week 3 up vs Week 2
10339491	---		0.0012988	2.59484	Week 3 up vs Week 2
10338659	---		4.48005E-08	2.59499	Week 3 up vs Week 2
10587023	NM_023635 // Rab27a // RAB27A, member RAS oncogene family // 9 D|9 41.0 cM // 11	Rab27a	1.72861E-05	2.59567	Week 3 up vs Week 2
10608654	---		7.13354E-05	2.59735	Week 3 up vs Week 2
10351131	NM_010865 // Myoc // myocilin // 1 H2.1|1 83.6 cM // 17926 /// ENSMUST0000002802	Myoc	0.00215453	2.59786	Week 3 up vs Week 2
10344525	---		6.84632E-06	2.5992	Week 3 up vs Week 2
10387505	NM_013415 // Atp1b2 // ATPase, Na+/K+ transporting, beta 2 polypeptide // 11 B3|	Atp1b2	0.000909876	2.59988	Week 3 up vs Week 2
10362073	NM_001161845 // Sgk1 // serum/glucocorticoid regulated kinase 1 // 10 A3 // 2039	Sgk1	1.74224E-09	2.60166	Week 3 up vs Week 2
10355984	NM_009255 // Serpine2 // serine (or cysteine) peptidase inhibitor, clade E, memb	Serpine2	0.000311442	2.60212	Week 3 up vs Week 2
10348471	NM_053015 // Mlph // melanophilin // 1 D|1 59.0 cM // 171531 /// ENSMUST00000027	Mlph	1.70423E-06	2.60281	Week 3 up vs Week 2
10568001	NM_133670 // Sult1a1 // sulfotransferase family 1A, phenol-preferring, member 1	Sult1a1	2.07235E-08	2.60449	Week 3 up vs Week 2
10340197	---		0.000296695	2.606	Week 3 up vs Week 2
10598359	NM_009305 // Syp // synaptophysin // X A-D|X 1.5 cM // 20977 /// ENSMUST00000069	Syp	0.00310555	2.61424	Week 3 up vs Week 2
10560168	NM_007770 // Crx // cone-rod homeobox containing gene // 7 A2|7 8.5 cM // 12951	Crx	0.00457954	2.6152	Week 3 up vs Week 2
10505187	NM_011673 // Ugcg // UDP-glucose ceramide glucosyltransferase // 4 B3|4 32.0 cM	Ugcg	5.2431E-06	2.61758	Week 3 up vs Week 2
10465772	NM_008577 // Slc3a2 // solute carrier family 3 (activators of dibasic and neutra	Slc3a2	6.4743E-10	2.61776	Week 3 up vs Week 2
10344523	---		0.00825038	2.61978	Week 3 up vs Week 2
10400405	NM_010907 // Nfkbia // nuclear factor of kappa light polypeptide gene enhancer i	Nfkbia	3.72412E-08	2.62265	Week 3 up vs Week 2
10589494	NM_013884 // Cspg5 // chondroitin sulfate proteoglycan 5 // 9 F2 // 29873 /// AF	Cspg5	4.62195E-06	2.62352	Week 3 up vs Week 2
10338177	---		1.58403E-08	2.62477	Week 3 up vs Week 2
10527012	NM_008494 // Lfng // LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferas	Lfng	4.398E-12	2.6255	Week 3 up vs Week 2
10340821	---		2.15616E-05	2.62956	Week 3 up vs Week 2
10582275	NM_011404 // Slc7a5 // solute carrier family 7 (cationic amino acid transporter,	Slc7a5	1.73213E-08	2.63033	Week 3 up vs Week 2
10341901	---		6.89717E-08	2.63189	Week 3 up vs Week 2
10550332	NM_009201 // Slc1a5 // solute carrier family 1 (neutral amino acid transporter),	Slc1a5	9.01197E-08	2.63241	Week 3 up vs Week 2
10537062	NM_008590 // Mest // mesoderm specific transcript // 6 B1|6 7.5 cM // 17294 ///	Mest	0.000109439	2.63655	Week 3 up vs Week 2
10344459	---		2.60423E-06	2.63687	Week 3 up vs Week 2
10588509	NM_021567 // Pcbp4 // poly(rC) binding protein 4 // 9 F1-F2 // 59092 /// ENSMUST	Pcbp4	2.22758E-06	2.6372	Week 3 up vs Week 2
10540248	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	0.00040563	2.63901	Week 3 up vs Week 2
10585778	NM_011352 // Sema7a // sema domain, immunoglobulin domain (Ig), and GPI membrane	Sema7a	6.02161E-06	2.63958	Week 3 up vs Week 2
10508663	NM_010686 // Laptm5 // lysosomal-associated protein transmembrane 5 // 4 D2.3 //	Laptm5	3.54447E-09	2.64156	Week 3 up vs Week 2
10340817	---		2.21289E-05	2.65243	Week 3 up vs Week 2
10344101	---		0.0129921	2.6538	Week 3 up vs Week 2
10342798	---		7.00796E-06	2.65582	Week 3 up vs Week 2
10547807	NM_013509 // Eno2 // enolase 2, gamma neuronal // 6 F2|6 60.21 cM // 13807 /// E	Eno2	2.55709E-05	2.65753	Week 3 up vs Week 2
10340798	---		0.000357975	2.65849	Week 3 up vs Week 2
10515519	NM_033617 // Atp6v0b // ATPase, H+ transporting, lysosomal V0 subunit B // 4 D2.	Atp6v0b	7.8286E-11	2.66603	Week 3 up vs Week 2
10342315	---		1.24573E-06	2.6728	Week 3 up vs Week 2
10536667	NM_001081306 // Ptprz1 // protein tyrosine phosphatase, receptor type Z, polypep	Ptprz1	7.41077E-06	2.67611	Week 3 up vs Week 2
10459225	---		5.04604E-05	2.67825	Week 3 up vs Week 2
10464583	NM_013541 // Gstp1 // glutathione S-transferase, pi 1 // 19 A|19 0.0 cM // 14870	Gstp1	4.97816E-08	2.68631	Week 3 up vs Week 2
10405179	NM_010101 // S1pr3 // sphingosine-1-phosphate receptor 3 // 13 B1 // 13610 /// E	S1pr3	4.69608E-06	2.68643	Week 3 up vs Week 2
10564646	NM_001109753 // Sv2b // synaptic vesicle glycoprotein 2 b // 7 D1 // 64176 /// N	Sv2b	0.000180708	2.68666	Week 3 up vs Week 2
10575976	NM_030209 // Crispld2 // cysteine-rich secretory protein LCCL domain containing	Crispld2	9.19754E-06	2.68837	Week 3 up vs Week 2
10341509	---		4.9163E-07	2.68926	Week 3 up vs Week 2
10504424	NM_016678 // Reck // reversion-inducing-cysteine-rich protein with kazal motifs	Reck	3.02426E-05	2.68957	Week 3 up vs Week 2
10438769	NM_016674 // Cldn1 // claudin 1 // 16 B2 // 12737 /// ENSMUST00000023154 // Cldn	Cldn1	2.14547E-07	2.68979	Week 3 up vs Week 2
10339794	---		0.00004663	2.68987	Week 3 up vs Week 2
10341828	---		2.6E-14	2.6908	Week 3 up vs Week 2
10448676	NM_023055 // Slc9a3r2 // solute carrier family 9 (sodium/hydrogen exchanger), me	Slc9a3r2	0.000001509	2.69371	Week 3 up vs Week 2
10439362	NM_172440 // Stxbp5l // syntaxin binding protein 5-like // 16 B3 // 207227 /// N	Stxbp5l	4.59015E-06	2.69577	Week 3 up vs Week 2
10344026	---		7.33225E-06	2.69816	Week 3 up vs Week 2
10338791	---		3.58699E-05	2.7007	Week 3 up vs Week 2
10467139	NM_021460 // Lipa // lysosomal acid lipase A // 19 C1 // 16889 /// NM_001111100	Lipa	7.63519E-07	2.70073	Week 3 up vs Week 2
10371916	ENSMUST00000067705 // 4930485B16Rik // RIKEN cDNA 4930485B16 gene // 10 C2 // 38	4930485B16Rik	2.47858E-05	2.70331	Week 3 up vs Week 2
10506488	NM_080555 // Ppap2b // phosphatidic acid phosphatase type 2B // 4 C6|4 52.7 cM /	Ppap2b	1.8561E-06	2.70386	Week 3 up vs Week 2
10496359	NM_016885 // Emcn // endomucin // 3 G3 // 59308 /// ENSMUST00000119475 // Emcn /	Emcn	0.00412408	2.70434	Week 3 up vs Week 2
10529977	NM_008904 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	1.55328E-08	2.70662	Week 3 up vs Week 2
10554269	NM_018811 // Abhd2 // abhydrolase domain containing 2 // 7 D2 // 54608 /// ENSMU	Abhd2	1.13423E-07	2.70805	Week 3 up vs Week 2
10507500	NM_008135 // Slc6a9 // solute carrier family 6 (neurotransmitter transporter, gl	Slc6a9	4.88065E-08	2.70986	Week 3 up vs Week 2
10476395	NM_007553 // Bmp2 // bone morphogenetic protein 2 // 2 F2|2 76.1 cM // 12156 ///	Bmp2	4.76866E-06	2.71242	Week 3 up vs Week 2
10377431	NM_009497 // Vamp2 // vesicle-associated membrane protein 2 // 11 B3 // 22318 //	Vamp2	1.91569E-07	2.71474	Week 3 up vs Week 2

10593123	NM_011526 // Tagln // transgelin // 9 A5.2|9 27.0 cM // 21345 /// ENSMUST0000003	Tagln	0.000331791	2.71517	Week 3 up vs Week 2
10456096	NM_146086 // Pde6a // phosphodiesterase 6A, cGMP-specific, rod, alpha // 18 E1 /	Pde6a	0.00366462	2.71934	Week 3 up vs Week 2
10340433	---		2.41908E-06	2.72992	Week 3 up vs Week 2
10339401	---		1.68162E-06	2.7332	Week 3 up vs Week 2
10403229	NM_177290 // Itgb8 // integrin beta 8 // 12 F2 // 320910 /// ENSMUST00000026360	Itgb8	0.000706606	2.73378	Week 3 up vs Week 2
10469786	NM_153511 // Il1f9 // interleukin 1 family, member 9 // 2 A3|2 10.25 cM // 21525	Il1f9	3.06179E-05	2.7381	Week 3 up vs Week 2
10579525	NM_032398 // Plvap // plasmalemma vesicle associated protein // 8 B3.3|8 33.5 cM	Plvap	0.000102055	2.73987	Week 3 up vs Week 2
10391066	NM_010663 // Krt17 // keratin 17 // 11 D|11 58.7 cM // 16667 /// ENSMUST00000080	Krt17	0.00016796	2.74029	Week 3 up vs Week 2
10427125	NM_008344 // Igfbp6 // insulin-like growth factor binding protein 6 // 15 F3 //	Igfbp6	0.000316211	2.7437	Week 3 up vs Week 2
10376956	NM_178870 // Hs3st3a1 // heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1	Hs3st3a1	1.85257E-07	2.7468	Week 3 up vs Week 2
10450344	NM_013484 // C2 // complement component 2 (within H-2S) // 17 B1|17 18.86 cM //	C2	1.79899E-06	2.74712	Week 3 up vs Week 2
10342553	---		1.05E-13	2.75114	Week 3 up vs Week 2
10477920	NM_172118 // Myl9 // myosin, light polypeptide 9, regulatory // 2 H1 // 98932 //	Myl9	0.000804069	2.76066	Week 3 up vs Week 2
10479975	---		1.22892E-08	2.76191	Week 3 up vs Week 2
10420114	NM_001161715 // Tgm1 // transglutaminase 1, K polypeptide // 14 C1 // 21816 ///	Tgm1	1.36501E-05	2.76361	Week 3 up vs Week 2
10583887	NM_175678 // Npsr1 // neuropeptide S receptor 1 // 9 A3-A4 // 319239 /// ENSMUST	Npsr1	2.89449E-05	2.76403	Week 3 up vs Week 2
10498024	NM_011990 // Slc7a11 // solute carrier family 7 (cationic amino acid transporter	Slc7a11	0.000362013	2.76517	Week 3 up vs Week 2
10369290	NM_029083 // Ddit4 // DNA-damage-inducible transcript 4 // 10 B3 // 74747 /// EN	Ddit4	5.35453E-10	2.77445	Week 3 up vs Week 2
10469389	NM_001012305 // Slc39a12 // solute carrier family 39 (zinc transporter), member	Slc39a12	3.51192E-07	2.77985	Week 3 up vs Week 2
10421810	NM_025427 // 1190002H23Rik // RIKEN cDNA 1190002H23 gene // 14 D3 // 66214 /// E	1190002H23Rik	1.67831E-09	2.78048	Week 3 up vs Week 2
10569972	NM_026058 // Lass4 // LAG1 homolog, ceramide synthase 4 // 8 A1.2 // 67260 /// E	Lass4	2.89043E-06	2.78268	Week 3 up vs Week 2
10359582	NM_018881 // Fmo2 // flavin containing monooxygenase 2 // 1 H1 // 55990 /// ENSM	Fmo2	1.59407E-06	2.78293	Week 3 up vs Week 2
10558961	NM_053082 // Tspan4 // tetraspanin 4 // 7 F5 // 64540 /// ENSMUST00000026585 //	Tspan4	5.75801E-09	2.78572	Week 3 up vs Week 2
10594066	NM_010729 // Loxl1 // lysyl oxidase-like 1 // 9 B|9 33.0 cM // 16949 /// ENSMUST	Loxl1	7.99254E-06	2.78806	Week 3 up vs Week 2
10437210	NM_019517 // Bace2 // beta-site APP-cleaving enzyme 2 // 16 C4 // 56175 /// ENSM	Bace2	5.58281E-07	2.7882	Week 3 up vs Week 2
10501104	NM_172271 // Slc6a17 // solute carrier family 6 (neurotransmitter transporter),	Slc6a17	2.56715E-08	2.78986	Week 3 up vs Week 2
10604633	NM_001018063 // Cxx1b // CAAX box 1 homolog B (human) // X A5 // 553127 /// NM_0	Cxx1b	3.14514E-08	2.79137	Week 3 up vs Week 2
10499854	NM_011309 // S100a1 // S100 calcium binding protein A1 // 3 F1-F2|3 43.6 cM // 2	S100a1	8.79724E-09	2.80118	Week 3 up vs Week 2
10344218	---		1.53064E-08	2.81218	Week 3 up vs Week 2
10355500	NM_010518 // Igfbp5 // insulin-like growth factor binding protein 5 // 1 C3|1 36	Igfbp5	1.59328E-05	2.81292	Week 3 up vs Week 2
10340289	---		8.17178E-05	2.81362	Week 3 up vs Week 2
10341635	---		6.62559E-07	2.82572	Week 3 up vs Week 2
10393793	NM_012065 // Pde6g // phosphodiesterase 6G, cGMP-specific, rod, gamma // 11 E2|1	Pde6g	0.00174875	2.82894	Week 3 up vs Week 2
10594967	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00233428	2.83029	Week 3 up vs Week 2
10376950	NM_008885 // Pmp22 // peripheral myelin protein 22 // 11 B3|11 34.45 cM // 18858	Pmp22	3.33029E-06	2.83194	Week 3 up vs Week 2
10542983	NM_011134 // Pon1 // paraoxonase 1 // 6 A2|6 0.5 cM // 18979 /// ENSMUST00000002	Pon1	0.000149581	2.83759	Week 3 up vs Week 2
10548996	NM_030687 // Slco1a4 // solute carrier organic anion transporter family, member	Slco1a4	0.00131832	2.83792	Week 3 up vs Week 2
10501586	NM_007901 // S1pr1 // sphingosine-1-phosphate receptor 1 // 3 G1 // 13609 /// EN	S1pr1	1.7641E-06	2.84067	Week 3 up vs Week 2
10448455	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	1.4508E-11	2.84417	Week 3 up vs Week 2
10475414	NM_009735 // B2m // beta-2 microglobulin // 2 F1-F3|2 69.0 cM // 12010 /// ENSMU	B2m	4.65273E-08	2.84428	Week 3 up vs Week 2
10537316	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	9.83E-12	2.84707	Week 3 up vs Week 2
10422164	NM_007904 // Ednrb // endothelin receptor type B // 14 E2.3|14 51.0 cM // 13618	Ednrb	0.000193068	2.87642	Week 3 up vs Week 2
10484201	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	4.9131E-07	2.88154	Week 3 up vs Week 2
10340630	---		2.0277E-11	2.88417	Week 3 up vs Week 2
10465833	NM_009073 // Rom1 // rod outer segment membrane protein 1 // 19 A|19 8.0 cM // 1	Rom1	0.00306712	2.88455	Week 3 up vs Week 2
10602677	NM_010951 // Gpr143 // G protein-coupled receptor 143 // X F2-F3|X 65.0 cM // 18	Gpr143	7.18076E-07	2.89114	Week 3 up vs Week 2
10478048	NM_008489 // Lbp // lipopolysaccharide binding protein // 2 H1|2 83.0 cM // 1680	Lbp	0.000049744	2.90208	Week 3 up vs Week 2
10343565	---		0.000018099	2.90709	Week 3 up vs Week 2
10606989	NM_001077364 // Tsc22d3 // TSC22 domain family, member 3 // X F1 // 14605 /// NM	Tsc22d3	5.417E-12	2.91304	Week 3 up vs Week 2
10475890	NM_008587 // Mertk // c-mer proto-oncogene tyrosine kinase // 2 F1 // 17289 ///	Mertk	3.66895E-07	2.91988	Week 3 up vs Week 2
10342754	---		2.64436E-10	2.92158	Week 3 up vs Week 2
10552857	NM_182993 // Slc17a7 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a7	0.00177603	2.92347	Week 3 up vs Week 2
10512279	NM_016673 // Cntfr // ciliary neurotrophic factor receptor // 4 A5|4 19.9 cM //	Cntfr	3.11026E-08	2.92665	Week 3 up vs Week 2
10587194	NM_138719 // Gnb5 // guanine nucleotide binding protein (G protein), beta 5 // 9	Gnb5	3.53397E-05	2.92733	Week 3 up vs Week 2
10575693	NM_173016 // Vat1l // vesicle amine transport protein 1 homolog-like (T. califor	Vat1l	2.81602E-06	2.92834	Week 3 up vs Week 2
10481627	NM_008491 // Lcn2 // lipocalin 2 // 2 A3|2 27.0 cM // 16819 /// ENSMUST000000507	Lcn2	3.31667E-06	2.93535	Week 3 up vs Week 2
10427095	NM_153533 // Tenc1 // tensin like C1 domain-containing phosphatase // 15 F3|15 5	Tenc1	1.95084E-08	2.93744	Week 3 up vs Week 2
10594948	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00526572	2.93877	Week 3 up vs Week 2
10393573	NM_011150 // Lgals3bp // lectin, galactoside-binding, soluble, 3 binding protein	Lgals3bp	1.55334E-09	2.95649	Week 3 up vs Week 2
10340155	---		4.67429E-06	2.96513	Week 3 up vs Week 2
10341175	---		0.00191997	2.96599	Week 3 up vs Week 2
10494445	ENSMUST00000062058 // Lix1l // Lix1-like // 3 F2.1 // 280411	Lix1l	1.11288E-06	2.97039	Week 3 up vs Week 2
10343990	---		1.28481E-05	2.97494	Week 3 up vs Week 2
10563441	NM_010129 // Emp3 // epithelial membrane protein 3 // 7 B4|7 24.5 cM // 13732 //	Emp3	1.24526E-08	2.98054	Week 3 up vs Week 2
10342842	---		3.86674E-06	2.98063	Week 3 up vs Week 2

10379190	NM_011707 // Vtn // vitronectin // 11 B5|11 45.09 cM // 22370 /// ENSMUST0000001	Vtn	2.69896E-05	2.98753	Week 3 up vs Week 2
10416522	NM_207652 // Tsc22d1 // TSC22 domain family, member 1 // 14 D3|14 42.0 cM // 218	Tsc22d1	8.83806E-09	2.98828	Week 3 up vs Week 2
10564726	NM_020599 // Rlbp1 // retinaldehyde binding protein 1 // 7 D3|7 39.0 cM // 19771	Rlbp1	0.001176	2.99303	Week 3 up vs Week 2
10596718	NM_023805 // Slc38a3 // solute carrier family 38, member 3 // 9 F1|9 63.0 cM //	Slc38a3	6.74585E-08	2.99671	Week 3 up vs Week 2
10413710	NM_027289 // Nt5dc2 // 5'-nucleotidase domain containing 2 // 14 B // 70021 ///	Nt5dc2	1.77056E-08	3.00424	Week 3 up vs Week 2
10382106	BC139224 // Gm885 // predicted gene 885 // 11 E1 // 380732 /// BC139225 // Gm885	Gm885	4.00511E-06	3.01698	Week 3 up vs Week 2
10341542	---		2.25408E-05	3.02072	Week 3 up vs Week 2
10542470	NM_019946 // Mgst1 // microsomal glutathione S-transferase 1 // 6 G1 // 56615 //	Mgst1	2.10114E-05	3.02154	Week 3 up vs Week 2
10338228	---		0	3.02876	Week 3 up vs Week 2
10341399	---		2.58868E-10	3.03053	Week 3 up vs Week 2
10355536	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961 /// ENSMUST00000050681	Tns1	0.00000348	3.04615	Week 3 up vs Week 2
10471486	NM_001146350 // Eng // endoglin // 2 B|2 21.4 cM // 13805 /// NM_007932 // Eng /	Eng	0.000066503	3.04904	Week 3 up vs Week 2
10560329	NM_016868 // Hif3a // hypoxia inducible factor 3, alpha subunit // 7 A2 // 53417	Hif3a	7.713E-12	3.05116	Week 3 up vs Week 2
10339580	---		0.000719962	3.05208	Week 3 up vs Week 2
10586591	NM_178396 // Car12 // carbonic anyhydrase 12 // 9 C // 76459 /// ENSMUST00000071	Car12	1.05906E-06	3.05229	Week 3 up vs Week 2
10389719	NM_029023 // Scpep1 // serine carboxypeptidase 1 // 11 C // 74617 /// ENSMUST000	Scpep1	1.38801E-07	3.0565	Week 3 up vs Week 2
10339222	---		0.000728758	3.05741	Week 3 up vs Week 2
10462091	NM_010638 // Klf9 // Kruppel-like factor 9 // 19 C1 // 16601 /// BC138724 // Klf	Klf9	3.25872E-10	3.06012	Week 3 up vs Week 2
10451551	NM_008189 // Guca1a // guanylate cyclase activator 1a (retina) // 17 D // 14913	Guca1a	0.000064669	3.06801	Week 3 up vs Week 2
10466779	NM_008846 // Pip5k1b // phosphatidylinositol-4-phosphate 5-kinase, type 1 beta /	Pip5k1b	4.67637E-06	3.07072	Week 3 up vs Week 2
10380285	NM_026433 // Tmem100 // transmembrane protein 100 // 11 C // 67888 /// ENSMUST00	Tmem100	1.65988E-05	3.0824	Week 3 up vs Week 2
10341824	---		1.28254E-05	3.08261	Week 3 up vs Week 2
10381096	NM_010517 // Igfbp4 // insulin-like growth factor binding protein 4 // 11 D // 1	Igfbp4	1.06843E-05	3.09388	Week 3 up vs Week 2
10344952	NM_133832 // Rdh10 // retinol dehydrogenase 10 (all-trans) // 1 A3|1 12.0 cM //	Rdh10	1.76876E-05	3.09411	Week 3 up vs Week 2
10342986	---		2.3612E-07	3.10579	Week 3 up vs Week 2
10344042	---		2.23263E-06	3.10638	Week 3 up vs Week 2
10517655	NM_001122954 // Pla2g5 // phospholipase A2, group V // 4 D3|4 68.0 cM // 18784 /	Pla2g5	4.93887E-08	3.1181	Week 3 up vs Week 2
10338388	---		2.71007E-06	3.12099	Week 3 up vs Week 2
10342498	---		2.41515E-07	3.13504	Week 3 up vs Week 2
10550509	NM_009402 // Pglyrp1 // peptidoglycan recognition protein 1 // 7 A3 // 21946 ///	Pglyrp1	4.26856E-06	3.14274	Week 3 up vs Week 2
10338109	---		0.000330615	3.15065	Week 3 up vs Week 2
10499132	NM_011839 // Mab21l2 // mab-21-like 2 (C. elegans) // 3 F1 // 23937 /// ENSMUST0	Mab21l2	6.27399E-06	3.15262	Week 3 up vs Week 2
10366163	NM_175328 // Slc6a15 // solute carrier family 6 (neurotransmitter transporter),	Slc6a15	7.79886E-05	3.15435	Week 3 up vs Week 2
10495035	NM_009196 // Slc16a1 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a1	2.25871E-06	3.1811	Week 3 up vs Week 2
10495712	NM_007378 // Abca4 // ATP-binding cassette, sub-family A (ABC1), member 4 // 3 G	Abca4	0.000101106	3.18348	Week 3 up vs Week 2
10417561	NM_183187 // Fam107a // family with sequence similarity 107, member A // 14 A1 /	Fam107a	4.52201E-10	3.18688	Week 3 up vs Week 2
10343359	---		6.26396E-06	3.19877	Week 3 up vs Week 2
10480714	NM_001033293 // Uap1l1 // UDP-N-acteylglucosamine pyrophosphorylase 1-like 1 //	Uap1l1	1.16627E-10	3.2083	Week 3 up vs Week 2
10445633	NM_008938 // Prph2 // peripherin 2 // 17 C|17 18.84 cM // 19133 /// ENSMUST00000	Prph2	0.00229378	3.22094	Week 3 up vs Week 2
10553092	NM_016974 // Dbp // D site albumin promoter binding protein // 7 B4|7 23.0 cM //	Dbp	6.736E-12	3.22314	Week 3 up vs Week 2
10343305	---		1.77512E-05	3.22948	Week 3 up vs Week 2
10543921	NM_172892 // Slc13a4 // solute carrier family 13 (sodium/sulfate symporters), me	Slc13a4	5.11546E-06	3.2335	Week 3 up vs Week 2
10484463	NM_009776 // Serping1 // serine (or cysteine) peptidase inhibitor, clade G, memb	Serping1	5.85705E-06	3.23578	Week 3 up vs Week 2
10555946	NM_011421 // Smpd1 // sphingomyelin phosphodiesterase 1, acid lysosomal // 7 E3|	Smpd1	1.30808E-09	3.25348	Week 3 up vs Week 2
10372648	NM_017372 // Lyz2 // lysozyme 2 // 10 D2|10 66.0 cM // 17105 /// ENSMUST00000092	Lyz2	1.7077E-06	3.25367	Week 3 up vs Week 2
10549653	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	4.44E-13	3.25453	Week 3 up vs Week 2
10379489	NM_029537 // Tmem98 // transmembrane protein 98 // 11 B5 // 103743 /// ENSMUST00	Tmem98	1.2331E-06	3.25792	Week 3 up vs Week 2
10342733	---		2.27963E-06	3.26338	Week 3 up vs Week 2
10342914	---		1.16099E-07	3.27718	Week 3 up vs Week 2
10571815	NM_153581 // Gpm6a // glycoprotein m6a // 8 B3.2 // 234267 /// ENSMUST0000003391	Gpm6a	1.32507E-05	3.29047	Week 3 up vs Week 2
10539894	NM_011844 // Mgll // monoglyceride lipase // 6 D1 // 23945 /// ENSMUST0000008944	Mgll	1.26264E-07	3.29082	Week 3 up vs Week 2
10424781	NM_023168 // Grina // glutamate receptor, ionotropic, N-methyl D-aspartate-assoc	Grina	4.91919E-10	3.31142	Week 3 up vs Week 2
10387855	NM_009660 // Alox15 // arachidonate 15-lipoxygenase // 11 B3|11 40.0 cM // 11687	Alox15	0.000090465	3.31263	Week 3 up vs Week 2
10594973	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00034561	3.32454	Week 3 up vs Week 2
10501802	NM_178936 // Tmem56 // transmembrane protein 56 // 3 G3 // 99887 /// ENSMUST0000	Tmem56	1.20224E-05	3.32518	Week 3 up vs Week 2
10397835	NM_172152 // Slc24a4 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a4	4.49651E-09	3.32801	Week 3 up vs Week 2
10357858	NM_054076 // Optc // opticin // 1 E4 // 269120 /// NM_001160421 // Optc // optic	Optc	0.00129099	3.33456	Week 3 up vs Week 2
10339750	---		1.97656E-05	3.35042	Week 3 up vs Week 2
10551293	NM_007817 // Cyp2f2 // cytochrome P450, family 2, subfamily f, polypeptide 2 //	Cyp2f2	0.0046695	3.35513	Week 3 up vs Week 2
10355530	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961	Tns1	1.02036E-09	3.36431	Week 3 up vs Week 2
10355534	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961	Tns1	2.38256E-07	3.37235	Week 3 up vs Week 2
10505779	NM_139306 // Acer2 // alkaline ceramidase 2 // 4 C4 // 230379 /// ENSMUST0000004	Acer2	8.72118E-08	3.37328	Week 3 up vs Week 2
10342942	---		9.91612E-08	3.38088	Week 3 up vs Week 2
10515960	NM_001081142 // Kcnq4 // potassium voltage-gated channel, subfamily Q, member 4	Kcnq4	1.89118E-09	3.38511	Week 3 up vs Week 2
10425945	NM_010180 // Fbln1 // fibulin 1 // 15 E-F // 14114 /// ENSMUST00000057410 // Fbl	Fbln1	2.15622E-10	3.40978	Week 3 up vs Week 2

10401607	NM_008827 // Pgf // placental growth factor // 12 D|12 39.0 cM // 18654 /// ENSM	Pgf	8.58889E-07	3.41395	Week 3 up vs Week 2
10517677	NM_008675 // Nbl1 // neuroblastoma, suppression of tumorigenicity 1 // 4 D3|4 70	Nbl1	1.13415E-08	3.43903	Week 3 up vs Week 2
10375051	NM_008218 // Hba-a1 // hemoglobin alpha, adult chain 1 // 11 A4|11 16.0 cM // 15	Hba-a1	0.000103165	3.45015	Week 3 up vs Week 2
10498978	NM_023624 // Lrat // lecithin-retinol acyltransferase (phosphatidylcholine-retin	Lrat	2.44226E-05	3.46129	Week 3 up vs Week 2
10566258	ENSMUST00000023934 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.	Hbb-b1	0.000108791	3.46375	Week 3 up vs Week 2
10588505	NM_029631 // Abhd14b // abhydrolase domain containing 14b // 9 F1 // 76491 /// E	Abhd14b	4.49173E-09	3.46512	Week 3 up vs Week 2
10341334	---		9.24016E-07	3.46547	Week 3 up vs Week 2
10585803	NM_009291 // Stra6 // stimulated by retinoic acid gene 6 // 9 C // 20897 /// NM_	Stra6	1.97239E-07	3.4717	Week 3 up vs Week 2
10359571	NM_010231 // Fmo1 // flavin containing monooxygenase 1 // 1 H1|1 92.6 cM // 1426	Fmo1	4.6874E-07	3.48352	Week 3 up vs Week 2
10566254	NM_008220 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.0 cM // 1	Hbb-b1	8.83916E-05	3.49705	Week 3 up vs Week 2
10582082	NM_001009950 // Slc38a8 // solute carrier family 38, member 8 // 8 E1 // 234788	Slc38a8	1.24367E-07	3.50167	Week 3 up vs Week 2
10357870	NM_054077 // Prelp // proline arginine-rich end leucine-rich repeat // 1 E4|1 74	Prelp	3.46573E-07	3.51487	Week 3 up vs Week 2
10383353	NM_145363 // Tspan10 // tetraspanin 10 // 11 E2 // 208634 /// ENSMUST00000106212	Tspan10	5.80206E-08	3.51799	Week 3 up vs Week 2
10342441	---		5.49773E-06	3.51934	Week 3 up vs Week 2
10367436	NM_001042580 // Cd63 // CD63 antigen // 10 D3|10 72.0 cM // 12512 /// NM_007653	Cd63	1.81977E-06	3.53336	Week 3 up vs Week 2
10358339	NM_009888 // Cfh // complement component factor h // 1 F|1 74.1 cM // 12628 ///	Cfh	0.000226783	3.53921	Week 3 up vs Week 2
10381298	NM_019444 // Ramp2 // receptor (calcitonin) activity modifying protein 2 // 11 D	Ramp2	4.30088E-06	3.53963	Week 3 up vs Week 2
10375058	NM_001083955 // Hba-a2 // hemoglobin alpha, adult chain 2 // 11|11 16.0 cM // 11	Hba-a2	0.000071641	3.58025	Week 3 up vs Week 2
10508651	NM_011520 // Sdc3 // syndecan 3 // 4 D2.3|4 60.8 cM // 20970 /// ENSMUST00000070	Sdc3	3.72173E-07	3.59287	Week 3 up vs Week 2
10411235	NM_027711 // Iqgap2 // IQ motif containing GTPase activating protein 2 // 13 D1	Iqgap2	3.34779E-07	3.60261	Week 3 up vs Week 2
10373113	NM_008447 // Kif5a // kinesin family member 5A // 10 D3|10 70.0 cM // 16572 ///	Kif5a	0.00114342	3.61097	Week 3 up vs Week 2
10500204	NM_007899 // Ecm1 // extracellular matrix protein 1 // 3 F2.1|3 45.4 cM // 13601	Ecm1	4.9282E-11	3.61597	Week 3 up vs Week 2
10339994	---		0.000149178	3.63873	Week 3 up vs Week 2
10428619	NM_015744 // Enpp2 // ectonucleotide pyrophosphatase/phosphodiesterase 2 // 15 D	Enpp2	2.00531E-05	3.66298	Week 3 up vs Week 2
10601888	NM_011123 // Plp1 // proteolipid protein (myelin) 1 // X F1-F2|X 56.0 cM // 1882	Plp1	0.0002793	3.66693	Week 3 up vs Week 2
10594971	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00105114	3.67737	Week 3 up vs Week 2
10596737	NM_008140 // Gnat1 // guanine nucleotide binding protein, alpha transducing 1 //	Gnat1	0.00957195	3.68759	Week 3 up vs Week 2
10523717	NM_009263 // Spp1 // secreted phosphoprotein 1 // 5 E5|5 56.0 cM // 20750 /// EN	Spp1	7.8524E-06	3.68961	Week 3 up vs Week 2
10419356	NM_144841 // Otx2 // orthodenticle homolog 2 (Drosophila) // 14 C1|14 19.0 cM //	Otx2	1.75957E-06	3.71654	Week 3 up vs Week 2
10340419	---		2.16093E-08	3.7177	Week 3 up vs Week 2
10541318	NM_144512 // Slc6a13 // solute carrier family 6 (neurotransmitter transporter, G	Slc6a13	2.33066E-06	3.7726	Week 3 up vs Week 2
10540984	NM_145383 // Rho // rhodopsin // 6 E3 // 212541 /// ENSMUST00000032471 // Rho //	Rho	0.00603775	3.78642	Week 3 up vs Week 2
10390691	NM_145434 // Nr1d1 // nuclear receptor subfamily 1, group D, member 1 // 11 D //	Nr1d1	7.04E-13	3.79117	Week 3 up vs Week 2
10373093	NM_030714 // Dtx3 // deltex 3 homolog (Drosophila) // 10 D3 // 80904 /// ENSMUST	Dtx3	1.71413E-09	3.85067	Week 3 up vs Week 2
10479165	NM_007903 // Edn3 // endothelin 3 // 2 H4|2 104.0 cM // 13616 /// ENSMUST0000002	Edn3	1.22393E-05	3.85798	Week 3 up vs Week 2
10343362	---		1.80877E-07	3.8693	Week 3 up vs Week 2
10341756	---		9.49205E-08	3.87252	Week 3 up vs Week 2
10584653	NM_145613 // C1qtnf5 // C1q and tumor necrosis factor related protein 5 // 9 A5.	C1qtnf5	6.99896E-10	3.87978	Week 3 up vs Week 2
10423098	NM_053077 // Slc45a2 // solute carrier family 45, member 2 // 15 A1|15 6.7 cM //	Slc45a2	4.96539E-06	3.88059	Week 3 up vs Week 2
10548653	NM_001024705 // Prpmp5 // proline-rich protein MP5 // 6 G1 // 381832 /// ENSMUST	Prpmp5	0.000293676	3.88479	Week 3 up vs Week 2
10528385	NM_011261 // Reln // reelin // 5 A3-B1|5 8.0 cM // 19699 /// ENSMUST00000062372	Reln	3.22158E-06	3.91457	Week 3 up vs Week 2
10339437	---		5.47759E-07	3.91655	Week 3 up vs Week 2
10379153	NM_009657 // Aldoc // aldolase C, fructose-bisphosphate // 11 B5|11 44.98 cM //	Aldoc	5.01366E-08	3.91872	Week 3 up vs Week 2
10556509	NM_145584 // Spon1 // spondin 1, (f-spondin) extracellular matrix protein // 7 F	Spon1	2.13897E-07	3.91899	Week 3 up vs Week 2
10462435	NM_029993 // Mlana // melan-A // 19 C2|19 24.5 cM // 77836 /// ENSMUST0000002571	Mlana	1.43147E-06	3.93321	Week 3 up vs Week 2
10344194	---		3.42975E-08	3.93677	Week 3 up vs Week 2
10356403	NM_001110227 // Kcnj13 // potassium inwardly-rectifying channel, subfamily J, me	Kcnj13	0.000108863	3.97024	Week 3 up vs Week 2
10414034	NM_015745 // Rbp3 // retinol binding protein 3, interstitial // 14 B|14 13.0 cM	Rbp3	0.00110277	3.97854	Week 3 up vs Week 2
10596148	NM_133977 // Trf // transferrin // 9 F1-F3|9 56.0 cM // 22041 /// ENSMUST0000003	Trf	0.000123166	3.99469	Week 3 up vs Week 2
10340307	---		0.000072982	4.00621	Week 3 up vs Week 2
10420155	NM_026819 // Dhrs1 // dehydrogenase/reductase (SDR family) member 1 // 14 C3|14	Dhrs1	9.91242E-09	4.0484	Week 3 up vs Week 2
10342305	---		6.65081E-07	4.06842	Week 3 up vs Week 2
10376201	NM_001083929 // Gpx3 // glutathione peroxidase 3 // 11 B3-B5 // 14778 /// NM_008	Gpx3	1.78038E-06	4.06873	Week 3 up vs Week 2
10387838	NM_145684 // Alox12e // arachidonate lipoxygenase, epidermal // 11 B3|11 40.0 cM	Alox12e	0.000553453	4.09147	Week 3 up vs Week 2
10518751	NM_009802 // Car6 // carbonic anhydrase 6 // 4 E2 // 12353 /// ENSMUST0000003081	Car6	0.000031912	4.09419	Week 3 up vs Week 2
10544932	NM_009349 // Inmt // indolethylamine N-methyltransferase // 6 B3 // 21743 /// EN	Inmt	2.07236E-06	4.1105	Week 3 up vs Week 2
10422249	NM_010024 // Dct // dopachrome tautomerase // 14 E4|14 58.0 cM // 13190 /// ENSM	Dct	0.000043119	4.12613	Week 3 up vs Week 2
10362201	NM_010217 // Ctgf // connective tissue growth factor // 10 A3-B1|10 17.0 cM // 1	Ctgf	7.96586E-07	4.14801	Week 3 up vs Week 2
10344390	---		2.8642E-07	4.14929	Week 3 up vs Week 2
10360463	NM_176916 // Pld5 // phospholipase D family, member 5 // 1 H4 // 319455 /// ENSM	Pld5	6.82262E-07	4.1494	Week 3 up vs Week 2
10340125	---		4.31709E-08	4.1828	Week 3 up vs Week 2
10339577	---		1.62838E-09	4.18919	Week 3 up vs Week 2
10343035	---		2.493E-12	4.2108	Week 3 up vs Week 2
10489569	NM_011125 // Pltp // phospholipid transfer protein // 2 H3|2 93.0 cM // 18830 //	Pltp	5.6143E-09	4.30998	Week 3 up vs Week 2
10594044	NM_012043 // Islr // immunoglobulin superfamily containing leucine-rich repeat /	Islr	1.33103E-07	4.319	Week 3 up vs Week 2

10338272	---		2.38383E-09	4.42753	Week 3 up vs Week 2
10373452	BC132471 // Gm129 // predicted gene 129 // 3 F2.1 // 229599 /// NM_001033302 //	Gm129	1.2026E-11	4.44215	Week 3 up vs Week 2
10565422	NM_011661 // Tyr // tyrosinase // 7 D3-E1|7 44.0 cM // 22173 /// ENSMUST00000004	Tyr	3.37572E-05	4.45067	Week 3 up vs Week 2
10594963	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00026622	4.47576	Week 3 up vs Week 2
10342635	---		1.35288E-09	4.54276	Week 3 up vs Week 2
10580286	NM_145388 // Best2 // bestrophin 2 // 8 C3 // 212989 /// NM_001130194 // Best2 /	Best2	1.33671E-07	4.55749	Week 3 up vs Week 2
10343087	---		1.34251E-06	4.6387	Week 3 up vs Week 2
10507594	NM_011400 // Slc2a1 // solute carrier family 2 (facilitated glucose transporter)	Slc2a1	1.23106E-10	4.6508	Week 3 up vs Week 2
10339785	---		5.02144E-08	4.68271	Week 3 up vs Week 2
10553743	NM_021879 // Oca2 // oculocutaneous albinism II // 7 B5-C|7 28.0 cM // 18431 ///	Oca2	4.89517E-07	4.70595	Week 3 up vs Week 2
10500283	NM_011797 // Car14 // carbonic anhydrase 14 // 3 F2.1 // 23831 /// NM_146104 //	Car14	9.14316E-09	4.7344	Week 3 up vs Week 2
10539393	ENSMUST00000039212 // Slc4a5 // solute carrier family 4, sodium bicarbonate cotr	Slc4a5	1.55772E-07	4.79651	Week 3 up vs Week 2
10475567	NM_175034 // Slc24a5 // solute carrier family 24, member 5 // 2 F1 // 317750 ///	Slc24a5	7.94787E-06	4.96309	Week 3 up vs Week 2
10549276	NM_024469 // Bhlhe41 // basic helix-loop-helix family, member e41 // 6 G2-G3|6 7	Bhlhe41	2.77341E-10	4.9906	Week 3 up vs Week 2
10343128	---		3.14493E-08	5.18511	Week 3 up vs Week 2
10373588	NM_134006 // Rdh5 // retinol dehydrogenase 5 // 10 D3|10 72.0 cM // 19682 /// EN	Rdh5	2.17126E-06	5.24727	Week 3 up vs Week 2
10505614	NM_031202 // Tyrp1 // tyrosinase-related protein 1 // 4 C3|4 38.0 cM // 22178 //	Tyrp1	0.00002631	5.28548	Week 3 up vs Week 2
10419854	NM_016972 // Slc7a8 // solute carrier family 7 (cationic amino acid transporter,	Slc7a8	1.72517E-09	5.39244	Week 3 up vs Week 2
10593225	NM_001033324 // Zbtb16 // zinc finger and BTB domain containing 16 // 9 A5.3|9 2	Zbtb16	1.5E-14	5.41285	Week 3 up vs Week 2
10342234	---		1.76931E-08	5.47443	Week 3 up vs Week 2
10523021	NM_018760 // Slc4a4 // solute carrier family 4 (anion exchanger), member 4 // 5	Slc4a4	3.97903E-07	5.50309	Week 3 up vs Week 2
10511363	NM_001002927 // Penk // preproenkephalin // 4 A1|4 0.8 cM // 18619 /// ENSMUST00	Penk	3.63221E-06	5.52976	Week 3 up vs Week 2
10367379	NM_021882 // Si // silver // 10 D3|10 70.0 cM // 20431 /// ENSMUST00000054125 //	Si	0.000010868	5.53633	Week 3 up vs Week 2
10449452	NM_010220 // Fkbp5 // FK506 binding protein 5 // 17 A3.3|17 13.0 cM // 14229 ///	Fkbp5	0	5.56749	Week 3 up vs Week 2
10377439	NM_001159367 // Per1 // period homolog 1 (Drosophila) // 11 B // 18626 /// NM_01	Per1	3.6E-14	5.60815	Week 3 up vs Week 2
10538187	NM_053110 // Gpnmb // glycoprotein (transmembrane) nmb // 6 B2.3|6 21.0 cM // 93	Gpnmb	7.76356E-07	5.62025	Week 3 up vs Week 2
10338876	---		1.92534E-09	5.68828	Week 3 up vs Week 2
10419005	NM_021340 // Rgr // retinal G protein coupled receptor // 14 B // 57811 /// ENSM	Rgr	8.54959E-05	5.75298	Week 3 up vs Week 2
10339814	---		1.11385E-07	5.79121	Week 3 up vs Week 2
10365482	NM_011595 // Timp3 // tissue inhibitor of metalloproteinase 3 // 10 C1|10 C1-D1|	Timp3	2.97157E-08	5.90415	Week 3 up vs Week 2
10603059	NM_020626 // Tmem27 // transmembrane protein 27 // X F5 // 57394 /// ENSMUST0000	Tmem27	5.3403E-07	5.99199	Week 3 up vs Week 2
10341831	---		1.42299E-08	6.27617	Week 3 up vs Week 2
10518526	NM_001039554 // Angptl7 // angiopoietin-like 7 // 4 E1 // 654812 /// ENSMUST0000	Angptl7	1.02556E-08	6.32148	Week 3 up vs Week 2
10454192	NM_013697 // Ttr // transthyretin // 18 A2|18 7.0 cM // 22139 /// ENSMUST0000007	Ttr	5.14266E-05	6.35202	Week 3 up vs Week 2
10340952	---		1.67859E-07	6.5958	Week 3 up vs Week 2
10497135	NM_029987 // Rpe65 // retinal pigment epithelium 65 // 3 H4|3 87.6 cM // 19892 /	Rpe65	0.000207001	6.83808	Week 3 up vs Week 2
10480734	NM_008963 // Ptgds // prostaglandin D2 synthase (brain) // 2 A3|2 12.9 cM // 192	Ptgds	1.68827E-08	7.42678	Week 3 up vs Week 2

Week 6 vs 1 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 6 vs. Week 1)	Fold-Change(Week 6 vs. Week 1)	Fold-Change(Week 6 vs. Week 1) (Description)
10355191	NM_007776 // Crygd // crystallin, gamma D // 1 C2|1 32.0 cM // 12967 /// ENSMUST	Crygd	1.49451E-05	-33.9529	Week 6 down vs Week 1
10388707	NM_009965 // Cryba1 // crystallin, beta A1 // 11 B-C1|11 44.71 cM // 12957 /// E	Cryba1	3.37197E-05	-20.9796	Week 6 down vs Week 1
10443830	NM_013501 // Cryaa // crystallin, alpha A // 17 A3-B|17 17.4 cM // 12954 /// ENS	Cryaa	6.57301E-05	-15.833	Week 6 down vs Week 1
10355202	NM_007774 // Cryga // crystallin, gamma A // 1 C2|1 32.0 cM // 12964 /// ENSMUST	Cryga	1.37514E-05	-14.5082	Week 6 down vs Week 1
10355188	NM_007777 // Cryge // crystallin, gamma E // 1 C2|1 32.0 cM // 12968 /// NM_0270	Cryge	0.00002025	-13.0319	Week 6 down vs Week 1
10606178	NR_001463 // Xist // inactive X specific transcripts // X D // 213742 /// NR_001	Xist	0.0106183	-12.1476	Week 6 down vs Week 1
10338355	---		2.00214E-08	-11.5325	Week 6 down vs Week 1
10350530	NM_001159730 // Pdc // phosducin // 1 G1|1 80.0 cM // 20028 /// NM_024458 // Pdc	Pdc	5.68605E-06	-10.2984	Week 6 down vs Week 1
10355193	NM_001082573 // Crygc // crystallin, gamma C // 1 C2|1 32.0 cM // 12966 /// NM_0	Crygc	3.79737E-05	-10.1561	Week 6 down vs Week 1
10373680	NM_007501 // Neurod4 // neurogenic differentiation 4 // 10 D3|10 72.0 cM // 1192	Neurod4	4.14497E-07	-9.82167	Week 6 down vs Week 1
10484276	NM_010894 // Neurod1 // neurogenic differentiation 1 // 2 C3|2 46.0 cM // 18012	Neurod1	1.54564E-06	-9.26042	Week 6 down vs Week 1
10560168	NM_007770 // Crx // cone-rod homeobox containing gene // 7 A2|7 8.5 cM // 12951	Crx	1.48037E-07	-9.25953	Week 6 down vs Week 1
10569341	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	7.6577E-11	-9.13315	Week 6 down vs Week 1
10438668	NM_009967 // Crygs // crystallin, gamma S // 16 B1|16 16.1 cM // 12970 /// ENSMU	Crygs	0.000710191	-8.95436	Week 6 down vs Week 1
10569335	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	1.26685E-09	-8.89676	Week 6 down vs Week 1
10355199	NM_144761 // Crygb // crystallin, gamma B // 1 C2|1 32.0 cM // 12965 /// NM_1447	Crygb	0.000115168	-8.72758	Week 6 down vs Week 1
10414663	NM_023879 // Rpgrip1 // retinitis pigmentosa GTPase regulator interacting protei	Rpgrip1	1.94359E-07	-7.26775	Week 6 down vs Week 1
10342039	---		2.61314E-09	-7.23433	Week 6 down vs Week 1
10352928	NM_011283 // Rp1 // retinitis pigmentosa 1 (human) // 1 A1|1 6.5 cM // 19888 ///	Rp1	2.85572E-05	-7.11141	Week 6 down vs Week 1
10594188	NM_013708 // Nr2e3 // nuclear receptor subfamily 2, group E, member 3 // 9 B|9 3	Nr2e3	9.56832E-07	-7.07857	Week 6 down vs Week 1
10524338	NM_023695 // Crybb1 // crystallin, beta B1 // 5 F|5 59.0 cM // 12960 /// ENSMUST	Crybb1	0.000108277	-7.00956	Week 6 down vs Week 1
10396840	NM_030017 // Rdh12 // retinol dehydrogenase 12 // 12 D2 // 77974 /// ENSMUST0000	Rdh12	6.28321E-06	-6.86094	Week 6 down vs Week 1
10523979	NM_008806 // Pde6b // phosphodiesterase 6B, cGMP, rod receptor, beta polypeptide	Pde6b	4.31575E-05	-6.65945	Week 6 down vs Week 1
10540984	NM_145383 // Rho // rhodopsin // 6 E3 // 212541 /// ENSMUST00000032471 // Rho //	Rho	0.000300163	-6.43385	Week 6 down vs Week 1
10348301	NM_009118 // Sag // retinal S-antigen // 1 D|1 53.6 cM // 20215 /// ENSMUST00000	Sag	3.25479E-05	-6.40704	Week 6 down vs Week 1
10436282	NM_174876 // Impg2 // interphotoreceptor matrix proteoglycan 2 // 16 C1.1 // 224	Impg2	5.2026E-06	-6.32788	Week 6 down vs Week 1
10343895	---		1.519E-12	-6.26418	Week 6 down vs Week 1
10343507	---		6.20951E-10	-5.99296	Week 6 down vs Week 1
10414034	NM_015745 // Rbp3 // retinol binding protein 3, interstitial // 14 B|14 13.0 cM	Rbp3	7.84969E-05	-5.84272	Week 6 down vs Week 1
10445633	NM_008938 // Prph2 // peripherin 2 // 17 C|17 18.84 cM // 19133 /// ENSMUST00000	Prph2	2.89505E-05	-5.79024	Week 6 down vs Week 1
10602966	NM_011302 // Rs1 // retinoschisis (X-linked, juvenile) 1 (human) // X F4|X 70.0	Rs1	1.10882E-05	-5.71823	Week 6 down vs Week 1
10342017	---		1.54238E-09	-5.70301	Week 6 down vs Week 1
10491252	NM_029489 // Samd7 // sterile alpha motif domain containing 7 // 3 A3 // 75953 /	Samd7	3.0893E-07	-5.49793	Week 6 down vs Week 1
10569344	NM_001122737 // Igf2 // insulin-like growth factor 2 // 7 F5|7 69.09 cM // 16002	Igf2	2.82997E-09	-5.48375	Week 6 down vs Week 1
10540991	AK164314 // Rho // rhodopsin // 6 E3 // 212541	Rho	2.01448E-05	-5.46112	Week 6 down vs Week 1
10476512	NM_011428 // Snap25 // synaptosomal-associated protein 25 // 2 F3|2 78.2 cM // 2	Snap25	2.16997E-05	-5.4485	Week 6 down vs Week 1
10413981	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	4.72293E-06	-5.4472	Week 6 down vs Week 1
10419015	NM_130878 // Pcdh21 // protocadherin 21 // 14 B // 170677 /// ENSMUST00000022337	Pcdh21	1.38407E-06	-5.39104	Week 6 down vs Week 1
10338833	---		2.74044E-10	-5.3315	Week 6 down vs Week 1
10393793	NM_012065 // Pde6g // phosphodiesterase 6G, cGMP-specific, rod, gamma // 11 E2|1	Pde6g	7.23207E-06	-5.32926	Week 6 down vs Week 1
10465833	NM_009073 // Rom1 // rod outer segment membrane protein 1 // 19 A|19 8.0 cM // 1	Rom1	2.44355E-05	-5.30504	Week 6 down vs Week 1
10339712	---		6.78125E-07	-5.12054	Week 6 down vs Week 1
10338153	---		1.21769E-05	-5.0314	Week 6 down vs Week 1
10372324	NM_009306 // Syt1 // synaptotagmin I // 10 D1|10 58.0 cM // 20979 /// ENSMUST000	Syt1	5.85747E-05	-5.02929	Week 6 down vs Week 1
10458046	NM_053078 // D0H4S114 // DNA segment, human D4S114 // 18 B1 // 27528 /// NM_0011	D0H4S114	6.25137E-10	-5.02676	Week 6 down vs Week 1
10557498	NM_026884 // Fam57b // family with sequence similarity 57, member B // 7 F4 // 6	Fam57b	1.00792E-06	-4.97123	Week 6 down vs Week 1
10543591	NM_007538 // Opn1sw // opsin 1 (cone pigments), short-wave-sensitive (color blin	Opn1sw	3.82143E-06	-4.95834	Week 6 down vs Week 1
10413979	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	3.76379E-06	-4.94674	Week 6 down vs Week 1
10339241	---		1.78685E-10	-4.94354	Week 6 down vs Week 1
10547858	NM_013530 // Gnb3 // guanine nucleotide binding protein (G protein), beta 3 // 6	Gnb3	3.1022E-07	-4.91371	Week 6 down vs Week 1
10550146	NM_013877 // Cabp5 // calcium binding protein 5 // 7 A2 // 29865 /// BC018253 //	Cabp5	1.87109E-05	-4.72522	Week 6 down vs Week 1
10530503	NM_007723 // Cnga1 // cyclic nucleotide gated channel alpha 1 // 5 C3.2|5 41.0 c	Cnga1	0.000201743	-4.70736	Week 6 down vs Week 1
10537062	NM_008590 // Mest // mesoderm specific transcript // 6 B1|6 7.5 cM // 17294 ///	Mest	1.13452E-07	-4.70434	Week 6 down vs Week 1
10534343	NM_007925 // Eln // elastin // 5 G2|5 75.0 cM // 13717 /// ENSMUST00000015138 //	Eln	5.88467E-09	-4.69029	Week 6 down vs Week 1
10413985	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	5.92407E-06	-4.68042	Week 6 down vs Week 1
10598359	NM_009305 // Syp // synaptophysin // X A-D|X 1.5 cM // 20977 /// ENSMUST00000069	Syp	1.96669E-05	-4.66796	Week 6 down vs Week 1
10531348	NM_011148 // Ppef2 // protein phosphatase, EF hand calcium-binding domain 2 // 5	Ppef2	1.25697E-06	-4.65027	Week 6 down vs Week 1
10339814	---		1.02457E-06	-4.65022	Week 6 down vs Week 1
10477986	NM_010923 // Nnat // neuronatin // 2 H1|2 88.0 cM // 18111 /// NM_180960 // Nnat	Nnat	3.13882E-08	-4.64333	Week 6 down vs Week 1
10343612	---		4.43208E-08	-4.61074	Week 6 down vs Week 1
10391798	NM_010277 // Gfap // glial fibrillary acidic protein // 11 D|11 62.0 cM // 14580	Gfap	0.00118374	-4.53879	Week 6 down vs Week 1
10413977	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	2.07577E-05	-4.53526	Week 6 down vs Week 1
10552857	NM_182993 // Slc17a7 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a7	4.90151E-05	-4.48669	Week 6 down vs Week 1

10341793	---		6.592E-12	-4.46745	Week 6 down vs Week 1
10361023	NM_008937 // Prox1 // prospero-related homeobox 1 // 1 H6|1 106.3 cM // 19130 //	Prox1	3.99973E-07	-4.45092	Week 6 down vs Week 1
10449435	NM_021478 // Tulp1 // tubby like protein 1 // 17 A3.3 // 22157 /// ENSMUST000000	Tulp1	8.54841E-07	-4.42246	Week 6 down vs Week 1
10377235	NM_009038 // Rcvrn // recoverin // 11 B3|11 35.0 cM // 19674 /// ENSMUST00000021	Rcvrn	0.000177704	-4.42139	Week 6 down vs Week 1
10385283	NM_008073 // Gabrg2 // gamma-aminobutyric acid (GABA) A receptor, subunit gamma	Gabrg2	4.05836E-05	-4.39476	Week 6 down vs Week 1
10341095	---		6.16075E-05	-4.38887	Week 6 down vs Week 1
10408812	NM_001145803 // Mak // male germ cell-associated kinase // 13 A3.3|13 23.0 cM //	Mak	2.63951E-05	-4.38561	Week 6 down vs Week 1
10484261	NM_001048176 // Cerkl // ceramide kinase-like // 2 C3 // 228094 /// NM_010576 //	Cerkl	5.22408E-06	-4.3804	Week 6 down vs Week 1
10412335	NM_021459 // Isl1 // ISL1 transcription factor, LIM/homeodomain // 13 D2.3 // 16	Isl1	8.40967E-06	-4.37525	Week 6 down vs Week 1
10522208	NM_011670 // Uchl1 // ubiquitin carboxy-terminal hydrolase L1 // 5 C3.1|5 36.0 c	Uchl1	2.01622E-07	-4.37418	Week 6 down vs Week 1
10397575	NM_172544 // Nrxn3 // neurexin III // 12D2|12 45.0 cM // 18191 /// ENSMUST000000	Nrxn3	2.07106E-06	-4.3638	Week 6 down vs Week 1
10492165	---		1.32889E-10	-4.3569	Week 6 down vs Week 1
10343687	---		0.00277399	-4.33772	Week 6 down vs Week 1
10565910	NM_013746 // Plekhb1 // pleckstrin homology domain containing, family B (evectin	Plekhb1	1.24784E-05	-4.335	Week 6 down vs Week 1
10344563	---		1.49091E-07	-4.317	Week 6 down vs Week 1
10341197	---		6.61974E-07	-4.27863	Week 6 down vs Week 1
10340289	---		6.56004E-07	-4.27383	Week 6 down vs Week 1
10377087	NM_030679 // Myh1 // myosin, heavy polypeptide 1, skeletal muscle, adult // 11 B	Myh1	3.99759E-05	-4.26742	Week 6 down vs Week 1
10435641	NM_008047 // Fstl1 // follistatin-like 1 // 16 B3|16 27.3 cM // 14314 /// ENSMUS	Fstl1	4.955E-07	-4.26709	Week 6 down vs Week 1
10570379	NM_011881 // Grk1 // G protein-coupled receptor kinase 1 // --- // 24013 /// BC0	Grk1	3.70713E-05	-4.26175	Week 6 down vs Week 1
10536209	NM_010314 // Gngt1 // guanine nucleotide binding protein (G protein), gamma tran	Gngt1	7.20344E-05	-4.24614	Week 6 down vs Week 1
10362424	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.000374521	-4.22733	Week 6 down vs Week 1
10608716	---		4.98085E-07	-4.2234	Week 6 down vs Week 1
10342277	---		2.85044E-06	-4.21199	Week 6 down vs Week 1
10601846	NR_003642 // 2900062L11Rik // signal peptidase complex subunit 3 homolog pseudog	2900062L11Rik	3.47786E-09	-4.18706	Week 6 down vs Week 1
10506754	NM_146255 // Slc1a7 // solute carrier family 1 (glutamate transporter), member 7	Slc1a7	1.29771E-06	-4.17957	Week 6 down vs Week 1
10413995	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	8.30081E-06	-4.17238	Week 6 down vs Week 1
10413991	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	8.25594E-06	-4.16056	Week 6 down vs Week 1
10341131	---		0.000102759	-4.15593	Week 6 down vs Week 1
10397257	NM_007701 // Vsx2 // visual system homeobox 2 // 12 D1|12 38.0 cM // 12677 /// E	Vsx2	4.40068E-06	-4.15098	Week 6 down vs Week 1
10342768	---		1.44086E-09	-4.13799	Week 6 down vs Week 1
10344326	---		6.15709E-06	-4.10985	Week 6 down vs Week 1
10398420	---		2.3394E-11	-4.1031	Week 6 down vs Week 1
10430297	NM_013645 // Pvalb // parvalbumin // 15 E|15 45.7 cM // 19293 /// ENSMUST0000012	Pvalb	0.000574403	-4.09872	Week 6 down vs Week 1
10588509	NM_021567 // Pcbp4 // poly(rC) binding protein 4 // 9 F1-F2 // 59092 /// ENSMUST	Pcbp4	3.37705E-09	-4.09574	Week 6 down vs Week 1
10342835	---		0.000677901	-4.0948	Week 6 down vs Week 1
10379176	NM_011676 // Unc119 // unc-119 homolog (C. elegans) // 11 B5|11 44.99 cM // 2224	Unc119	2.40315E-05	-4.07897	Week 6 down vs Week 1
10341589	---		2.83862E-05	-4.07836	Week 6 down vs Week 1
10595392	NM_148941 // Elovl4 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl4	1.56805E-05	-4.0686	Week 6 down vs Week 1
10339457	---		8.57314E-08	-4.06216	Week 6 down vs Week 1
10365003	AF357364 // Snord37 // small nucleolar RNA, C/D box 37 // 10|10 // 100217454	Snord37	3.3026E-11	-4.05973	Week 6 down vs Week 1
10343794	---		1.89351E-08	-4.05221	Week 6 down vs Week 1
10420532	NM_015803 // Atp8a2 // ATPase, aminophospholipid transporter-like, class I, type	Atp8a2	5.69009E-06	-4.04598	Week 6 down vs Week 1
10338121	---		1.88405E-08	-4.03885	Week 6 down vs Week 1
10470314	---		1.28616E-10	-4.0248	Week 6 down vs Week 1
10595033	NM_009130 // Scg3 // secretogranin III // 9 D|9 42.0 cM // 20255 /// ENSMUST0000	Scg3	8.72152E-05	-4.02387	Week 6 down vs Week 1
10342856	---		1.13026E-10	-4.00486	Week 6 down vs Week 1
10462303	NM_183179 // Kcnv2 // potassium channel, subfamily V, member 2 // 19 C1 // 24059	Kcnv2	2.72846E-05	-3.98419	Week 6 down vs Week 1
10413993	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	7.20348E-06	-3.98162	Week 6 down vs Week 1
10490923	NM_009801 // Car2 // carbonic anhydrase 2 // 3 A1|3 10.5 cM // 12349 /// ENSMUST	Car2	6.03207E-05	-3.97316	Week 6 down vs Week 1
10342004	---		5.38037E-08	-3.97299	Week 6 down vs Week 1
10541968	NM_153589 // Ano2 // anoctamin 2 // 6 F3 // 243634 /// ENSMUST00000041000 // Ano	Ano2	2.77944E-06	-3.93771	Week 6 down vs Week 1
10503212	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.32241E-07	-3.9138	Week 6 down vs Week 1
10532517	NM_021351 // Cryba4 // crystallin, beta A4 // 5 F // 12959 /// ENSMUST0000011238	Cryba4	0.00117561	-3.90361	Week 6 down vs Week 1
10382376	NM_053273 // Ttyh2 // tweety homolog 2 (Drosophila) // 11 E2 // 117160 /// ENSMU	Ttyh2	1.0563E-11	-3.89069	Week 6 down vs Week 1
10343447	---		4.60133E-06	-3.86684	Week 6 down vs Week 1
10377725	NM_007864 // Dlg4 // discs, large homolog 4 (Drosophila) // 11 B4 // 13385 /// N	Dlg4	2.69265E-07	-3.86547	Week 6 down vs Week 1
10509901	NM_008546 // Mfap2 // microfibrillar-associated protein 2 // 4 D3-E1 // 17150 //	Mfap2	1.68485E-09	-3.83931	Week 6 down vs Week 1
10400607	AK163637 // Mdga2 // MAM domain containing glycosylphosphatidylinositol anchor 2	Mdga2	0.000010276	-3.80319	Week 6 down vs Week 1
10582592	NM_009606 // Acta1 // actin, alpha 1, skeletal muscle // 8 E2|8 67.0 cM // 11459	Acta1	7.02685E-06	-3.80229	Week 6 down vs Week 1
10344349	---		9.38765E-06	-3.79888	Week 6 down vs Week 1
10466587	NM_001043354 // Rorb // RAR-related orphan receptor beta // 19 B // 225998 /// N	Rorb	2.46064E-05	-3.79836	Week 6 down vs Week 1
10339264	---		2.14496E-09	-3.79793	Week 6 down vs Week 1
10578709	NM_028220 // Wdr17 // WD repeat domain 17 // 8 B3.1 // 244484 /// ENSMUST0000009	Wdr17	0.000200245	-3.79632	Week 6 down vs Week 1
10413967	ENSMUST00000096028 // Gm626 // predicted gene 626 // 14 B // 268729	Gm626	5.50528E-05	-3.79437	Week 6 down vs Week 1

10595306	NM_022016 // Impg1 // interphotoreceptor matrix proteoglycan 1 // 9 E1|9 42.5 cM	Impg1	2.15882E-05	-3.7842	Week 6 down vs Week 1
10352586	NM_021408 // Ush2a // Usher syndrome 2A (autosomal recessive, mild) homolog (hum	Ush2a	6.03005E-06	-3.7812	Week 6 down vs Week 1
10340197	---		4.47762E-06	-3.77707	Week 6 down vs Week 1
10342131	---		9.22391E-09	-3.75905	Week 6 down vs Week 1
10540838	NM_178703 // Slc6a1 // solute carrier family 6 (neurotransmitter transporter, GA	Slc6a1	6.73975E-05	-3.74074	Week 6 down vs Week 1
10341814	---		8.12947E-10	-3.72989	Week 6 down vs Week 1
10340953	---		2.35602E-06	-3.72475	Week 6 down vs Week 1
10559790	NM_011769 // Zim1 // zinc finger, imprinted 1 // 7 A1|7 6.5 cM // 22776 /// ENSM	Zim1	2.52224E-07	-3.72061	Week 6 down vs Week 1
10343912	---		1.82602E-08	-3.70697	Week 6 down vs Week 1
10543466	NM_010338 // Gpr37 // G protein-coupled receptor 37 // 6 A3.1|6 7.2 cM // 14763	Gpr37	4.08621E-07	-3.70568	Week 6 down vs Week 1
10532660	NM_021352 // Crybb3 // crystallin, beta B3 // 5 F|5 60.0 cM // 12962 /// NM_0011	Crybb3	0.000317781	-3.69875	Week 6 down vs Week 1
10339268	---		2.76333E-05	-3.67647	Week 6 down vs Week 1
10560919	NM_144921 // Atp1a3 // ATPase, Na+/K+ transporting, alpha 3 polypeptide // 7 A3	Atp1a3	3.70863E-05	-3.64492	Week 6 down vs Week 1
10420013	NM_008736 // Nrl // neural retina leucine zipper gene // 14 C3|14 19.5 cM // 181	Nrl	0.000011156	-3.6437	Week 6 down vs Week 1
10458663	NM_009468 // Dpysl3 // dihydropyrimidinase-like 3 // 18 B3 // 22240 /// NM_00113	Dpysl3	9.33295E-09	-3.64112	Week 6 down vs Week 1
10353632	NM_175642 // Bai3 // brain-specific angiogenesis inhibitor 3 // 1 A5 // 210933 /	Bai3	2.95313E-06	-3.63679	Week 6 down vs Week 1
10388098	NM_053245 // Aipl1 // aryl hydrocarbon receptor-interacting protein-like 1 // 11	Aipl1	4.69238E-05	-3.61108	Week 6 down vs Week 1
10339750	---		8.61056E-06	-3.60996	Week 6 down vs Week 1
10346015	NM_009930 // Col3a1 // collagen, type III, alpha 1 // 1 C1.1|1 25.0 cM // 12825	Col3a1	4.983E-07	-3.60384	Week 6 down vs Week 1
10387505	NM_013415 // Atp1b2 // ATPase, Na+/K+ transporting, beta 2 polypeptide // 11 B3|	Atp1b2	0.000034055	-3.59179	Week 6 down vs Week 1
10596718	NM_023805 // Slc38a3 // solute carrier family 38, member 3 // 9 F1|9 63.0 cM //	Slc38a3	4.19117E-09	-3.58432	Week 6 down vs Week 1
10342684	---		7.0326E-11	-3.5805	Week 6 down vs Week 1
10398388	---		3.03976E-09	-3.57643	Week 6 down vs Week 1
10415890	NM_146246 // Rp1l1 // retinitis pigmentosa 1 homolog (human)-like 1 // 14 D1 //	Rp1l1	1.13978E-05	-3.57306	Week 6 down vs Week 1
10342938	---		7.933E-12	-3.56729	Week 6 down vs Week 1
10343133	---		2.55525E-05	-3.55348	Week 6 down vs Week 1
10407337	NM_010408 // Hcn1 // hyperpolarization-activated, cyclic nucleotide-gated K+ 1 /	Hcn1	0.000160746	-3.54878	Week 6 down vs Week 1
10541144	NM_001033382 // Cacna2d4 // calcium channel, voltage-dependent, alpha 2/delta su	Cacna2d4	9.16162E-06	-3.54534	Week 6 down vs Week 1
10563909	---		7.27375E-06	-3.54057	Week 6 down vs Week 1
10476321	NM_023043 // Prnd // prion protein dublet // 2 F2|2 75.0 cM // 26434 /// NM_0011	Prnd	1.30759E-07	-3.53988	Week 6 down vs Week 1
10350247	NM_001039472 // Kif21b // kinesin family member 21B // 1 E4|1 76.0 cM // 16565 /	Kif21b	3.25051E-07	-3.53395	Week 6 down vs Week 1
10596737	NM_008140 // Gnat1 // guanine nucleotide binding protein, alpha transducing 1 //	Gnat1	0.0119086	-3.53052	Week 6 down vs Week 1
10342578	---		2.33172E-06	-3.52847	Week 6 down vs Week 1
10400948	NM_029444 // Six6os1 // Six6 opposite strand transcript 1 // 12 C3 // 75801 ///	Six6os1	2.07307E-07	-3.5152	Week 6 down vs Week 1
10414001	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	2.94996E-05	-3.51307	Week 6 down vs Week 1
10478647	NM_020333 // Slc12a5 // solute carrier family 12, member 5 // 2 G2-G3 // 57138 /	Slc12a5	0.000017134	-3.51	Week 6 down vs Week 1
10598309	NM_019582 // Cacna1f // calcium channel, voltage-dependent, alpha 1F subunit //	Cacna1f	7.09251E-05	-3.46959	Week 6 down vs Week 1
10340258	---		1.33034E-08	-3.4638	Week 6 down vs Week 1
10481711	NM_001113569 // Stxbp1 // syntaxin binding protein 1 // 2 B|2 24.0 cM // 20910 /	Stxbp1	2.24376E-06	-3.44775	Week 6 down vs Week 1
10427496	NM_178748 // Egflam // EGF-like, fibronectin type III and laminin G domains // 1	Egflam	2.86823E-07	-3.42795	Week 6 down vs Week 1
10564211	NM_013670 // Snrpn // small nuclear ribonucleoprotein N // 7 C|7 29.0 cM // 2064	Snrpn	4.99668E-08	-3.41959	Week 6 down vs Week 1
10485979	NM_010290 // Gjd2 // gap junction protein, delta 2 // 2 F3 // 14617 /// ENSMUST0	Gjd2	2.84471E-05	-3.4091	Week 6 down vs Week 1
10355259	NM_021285 // Myl1 // myosin, light polypeptide 1 // 1 C3|1 34.1 cM // 17901 ///	Myl1	0.000322769	-3.40747	Week 6 down vs Week 1
10564161	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.24188E-06	-3.4062	Week 6 down vs Week 1
10341824	---		3.80714E-06	-3.40363	Week 6 down vs Week 1
10587194	NM_138719 // Gnb5 // guanine nucleotide binding protein (G protein), beta 5 // 9	Gnb5	6.16529E-06	-3.38551	Week 6 down vs Week 1
10423855	NM_053271 // Rims2 // regulating synaptic membrane exocytosis 2 // 15 C|15 16.0	Rims2	9.46073E-05	-3.37338	Week 6 down vs Week 1
10344465	---		8.30758E-06	-3.37224	Week 6 down vs Week 1
10460317	NM_008851 // Pitpnm1 // phosphatidylinositol transfer protein, membrane-associat	Pitpnm1	3.67242E-06	-3.37152	Week 6 down vs Week 1
10340542	---		7.96757E-08	-3.36929	Week 6 down vs Week 1
10340206	---		1.52926E-09	-3.35951	Week 6 down vs Week 1
10564163	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564167	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564171	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564173	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564175	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564179	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564181	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564185	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564187	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564189	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564191	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564193	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564195	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564197	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1

10564199	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564201	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564205	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10564207	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.44528E-06	-3.35792	Week 6 down vs Week 1
10366554	NM_148922 // Mdm1 // transformed mouse 3T3 cell double minute 1 // 10 C1-C3|10 6	Mdm1	1.7922E-06	-3.34867	Week 6 down vs Week 1
10341756	---		6.42848E-07	-3.34846	Week 6 down vs Week 1
10417628	NM_012061 // Cadps // Ca2+-dependent secretion activator // 14 A2 // 27062 /// N	Cadps	0.000221892	-3.34675	Week 6 down vs Week 1
10459475	NM_145493 // Cplx4 // complexin 4 // 18 E1 // 225644 /// ENSMUST00000025397 // C	Cplx4	0.000929048	-3.34079	Week 6 down vs Week 1
10458999	NM_010181 // Fbn2 // fibrillin 2 // 18 D-E1|18 29.0 cM // 14119 /// ENSMUST00000	Fbn2	2.04293E-07	-3.33125	Week 6 down vs Week 1
10398326	NR_003633 // Meg3 // maternally expressed 3 // 12 F1|12 54.0 cM // 17263 /// NR_	Meg3	2.08257E-06	-3.32525	Week 6 down vs Week 1
10564183	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	3.50661E-06	-3.32192	Week 6 down vs Week 1
10413999	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	8.78007E-05	-3.3099	Week 6 down vs Week 1
10536363	NM_009311 // Tac1 // tachykinin 1 // 6 A1|6 5.0 cM // 21333 /// ENSMUST000000906	Tac1	1.2647E-08	-3.30933	Week 6 down vs Week 1
10439695	NM_019754 // Tagln3 // transgelin 3 // 16 B5 // 56370 /// ENSMUST00000096057 //	Tagln3	1.24056E-05	-3.30925	Week 6 down vs Week 1
10385297	NM_010250 // Gabra1 // gamma-aminobutyric acid (GABA) A receptor, subunit alpha	Gabra1	7.72454E-05	-3.3053	Week 6 down vs Week 1
10408268	NM_145399 // Scgn // secretagogin, EF-hand calcium binding protein // 13 A3.1 //	Scgn	0.000176186	-3.3009	Week 6 down vs Week 1
10340729	---		3.47283E-09	-3.29946	Week 6 down vs Week 1
10400926	NM_153457 // Rtn1 // reticulon 1 // 12 C3 // 104001 /// NM_001007596 // Rtn1 //	Rtn1	5.38734E-05	-3.29262	Week 6 down vs Week 1
10594948	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00241226	-3.28776	Week 6 down vs Week 1
10362418	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00110547	-3.28352	Week 6 down vs Week 1
10497276	NM_029310 // Fabp12 // fatty acid binding protein 12 // 3 A1 // 75497 /// ENSMUS	Fabp12	3.07254E-05	-3.26611	Week 6 down vs Week 1
10414163	NM_146245 // Lrit1 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit1	0.000020605	-3.26191	Week 6 down vs Week 1
10343764	---		1.1272E-06	-3.25997	Week 6 down vs Week 1
10550698	NM_007710 // Ckm // creatine kinase, muscle // 7 A3|7 4.5 cM // 12715 /// ENSMUS	Ckm	0.000877492	-3.25983	Week 6 down vs Week 1
10380303	NM_028296 // Car10 // carbonic anhydrase 10 // 11 C // 72605 /// ENSMUST00000042	Car10	4.13814E-05	-3.24962	Week 6 down vs Week 1
10492640	NM_178673 // Fstl5 // follistatin-like 5 // 3 E3 // 213262 /// ENSMUST0000003836	Fstl5	0.000045948	-3.23339	Week 6 down vs Week 1
10494372	NM_022030 // Sv2a // synaptic vesicle glycoprotein 2 a // 3 F2 // 64051 /// ENSM	Sv2a	1.64555E-07	-3.23261	Week 6 down vs Week 1
10413983	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	7.29667E-06	-3.22854	Week 6 down vs Week 1
10343259	---		4.15922E-08	-3.22697	Week 6 down vs Week 1
10338303	---		1.38518E-05	-3.2233	Week 6 down vs Week 1
10340039	---		4.83365E-07	-3.22196	Week 6 down vs Week 1
10494069	NM_172434 // Tnrc4 // trinucleotide repeat containing 4 // 3 F2.1 // 78784 /// E	Tnrc4	4.20016E-06	-3.22023	Week 6 down vs Week 1
10343705	---		3.96874E-07	-3.21772	Week 6 down vs Week 1
10343410	---		1.49084E-06	-3.21703	Week 6 down vs Week 1
10342699	---		8.57043E-05	-3.21614	Week 6 down vs Week 1
10340394	---		1.63045E-07	-3.21604	Week 6 down vs Week 1
10564165	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	3.00605E-06	-3.19584	Week 6 down vs Week 1
10594963	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00301124	-3.19313	Week 6 down vs Week 1
10564005	---		9.89266E-06	-3.1835	Week 6 down vs Week 1
10341220	---		0.000350635	-3.18241	Week 6 down vs Week 1
10343974	---		2.8123E-11	-3.17713	Week 6 down vs Week 1
10503196	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	4.98305E-07	-3.17524	Week 6 down vs Week 1
10370242	NM_021568 // Pcbp3 // poly(rC) binding protein 3 // 10 B5.1-B5.3 // 59093 /// EN	Pcbp3	3.23377E-06	-3.17395	Week 6 down vs Week 1
10343152	---		9.78745E-06	-3.16755	Week 6 down vs Week 1
10342623	---		9.42631E-07	-3.16251	Week 6 down vs Week 1
10343305	---		2.27977E-05	-3.1607	Week 6 down vs Week 1
10344236	---		4.00937E-06	-3.15516	Week 6 down vs Week 1
10564159	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	5.98433E-06	-3.15185	Week 6 down vs Week 1
10340821	---		1.8251E-06	-3.14827	Week 6 down vs Week 1
10593947	NM_146223 // Cplx3 // complexin 3 // 9 B // 235415 /// ENSMUST00000045068 // Cpl	Cplx3	2.24191E-05	-3.14453	Week 6 down vs Week 1
10362428	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00221479	-3.13988	Week 6 down vs Week 1
10563905	---		2.13295E-05	-3.13692	Week 6 down vs Week 1
10563907	---		2.13295E-05	-3.13692	Week 6 down vs Week 1
10339469	---		1.03234E-05	-3.13271	Week 6 down vs Week 1
10440314	NM_178721 // Cadm2 // cell adhesion molecule 2 // 16 C1.3-C2 // 239857 /// NM_00	Cadm2	4.34205E-05	-3.12489	Week 6 down vs Week 1
10398412	---		1.64675E-07	-3.11259	Week 6 down vs Week 1
10347036	NM_001039934 // Mtap2 // microtubule-associated protein 2 // 1 C3|1 33.7 cM // 1	Mtap2	3.33633E-06	-3.10323	Week 6 down vs Week 1
10599324	NM_133690 // Atp1b4 // ATPase, (Na+)/K+ transporting, beta 4 polypeptide // X A2	Atp1b4	2.21176E-06	-3.10243	Week 6 down vs Week 1
10339365	---		7.5172E-08	-3.10147	Week 6 down vs Week 1
10362440	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00440927	-3.09166	Week 6 down vs Week 1
10343690	---		5.92296E-09	-3.08809	Week 6 down vs Week 1
10493114	NM_016701 // Nes // nestin // 3 F1|3 42.5 cM // 18008 /// ENSMUST00000090973 //	Nes	1.88642E-10	-3.08281	Week 6 down vs Week 1
10601942	NM_013724 // Nrk // Nik related kinase // X F1|X 53.0 cM // 27206 /// ENSMUST000	Nrk	3.01827E-07	-3.08081	Week 6 down vs Week 1
10354955	NM_145143 // Mpp4 // membrane protein, palmitoylated 4 (MAGUK p55 subfamily memb	Mpp4	2.70144E-05	-3.08035	Week 6 down vs Week 1
10358525	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.21006E-05	-3.0743	Week 6 down vs Week 1

10498885	NM_013540 // Gria2 // glutamate receptor, ionotropic, AMPA2 (alpha 2) // 3 E3|3	Gria2	0.000738492	-3.07186	Week 6 down vs Week 1
10593927	NM_020270 // Scamp5 // secretory carrier membrane protein 5 // 9 B // 56807 ///	Scamp5	3.53538E-07	-3.06702	Week 6 down vs Week 1
10342209	---		7.79738E-06	-3.06482	Week 6 down vs Week 1
10338799	---		0.00372966	-3.06397	Week 6 down vs Week 1
10343252	---		9.09083E-05	-3.06391	Week 6 down vs Week 1
10381122	NM_010221 // Fkbp10 // FK506 binding protein 10 // 11 D|11 58.0 cM // 14230 ///	Fkbp10	3.16462E-08	-3.06136	Week 6 down vs Week 1
10547807	NM_013509 // Eno2 // enolase 2, gamma neuronal // 6 F2|6 60.21 cM // 13807 /// E	Eno2	3.83431E-06	-3.05953	Week 6 down vs Week 1
10590663	NM_019691 // Gria4 // glutamate receptor, ionotropic, AMPA4 (alpha 4) // 9 A1|9	Gria4	6.17301E-05	-3.05919	Week 6 down vs Week 1
10495613	NM_029425 // 4833424O15Rik // RIKEN cDNA 4833424O15 gene // 3 G2 // 75769 /// EN	4833424O15Rik	2.16322E-06	-3.05833	Week 6 down vs Week 1
10343602	---		4.42577E-08	-3.05197	Week 6 down vs Week 1
10338217	---		1.20862E-06	-3.0493	Week 6 down vs Week 1
10488387	NM_019632 // Napb // N-ethylmaleimide sensitive fusion protein attachment protei	Napb	2.81386E-06	-3.04873	Week 6 down vs Week 1
10439514	NM_008083 // Gap43 // growth associated protein 43 // 16 B4|16 29.5 cM // 14432	Gap43	7.2002E-11	-3.03882	Week 6 down vs Week 1
10342543	---		1.12237E-06	-3.03275	Week 6 down vs Week 1
10338959	---		0.000695687	-3.03108	Week 6 down vs Week 1
10341520	---		2.00293E-07	-3.0216	Week 6 down vs Week 1
10440329	AK038707 // 9330155M09Rik // RIKEN cDNA 9330155M09 gene // 16 C2 // 320756	9330155M09Rik	2.58911E-05	-3.01959	Week 6 down vs Week 1
10431915	NM_027052 // Slc38a4 // solute carrier family 38, member 4 // 15 F1 // 69354 ///	Slc38a4	1.60772E-07	-3.01828	Week 6 down vs Week 1
10340943	---		4.17967E-05	-3.01372	Week 6 down vs Week 1
10518835	NM_001081557 // Camta1 // calmodulin binding transcription activator 1 // 4 E2 /	Camta1	6.11429E-06	-3.008	Week 6 down vs Week 1
10521498	NM_007765 // Crmp1 // collapsin response mediator protein 1 // 5 B3|5 21.0 cM //	Crmp1	8.1936E-06	-3.00741	Week 6 down vs Week 1
10340817	---		4.11464E-06	-3.0006	Week 6 down vs Week 1
10381154	NM_009923 // Cnp // 2',3'-cyclic nucleotide 3' phosphodiesterase // 11 D|11 60.0	Cnp	2.77794E-05	-2.99926	Week 6 down vs Week 1
10601848	NR_003641 // 6530401D17Rik // signal peptidase complex subunit 3 homolog pseudog	6530401D17Rik	1.80245E-06	-2.99339	Week 6 down vs Week 1
10398416	---		3.4228E-10	-2.99166	Week 6 down vs Week 1
10560174	NM_009156 // Sepw1 // selenoprotein W, muscle 1 // 7 A2 // 20364 /// ENSMUST0000	Sepw1	1.55507E-09	-2.99123	Week 6 down vs Week 1
10606735	NM_026139 // Armcx2 // armadillo repeat containing, X-linked 2 // X E3 // 67416	Armcx2	8.28617E-10	-2.98716	Week 6 down vs Week 1
10342629	---		1.54024E-07	-2.98625	Week 6 down vs Week 1
10398432	---		1.09411E-09	-2.98397	Week 6 down vs Week 1
10338704	---		1.68689E-08	-2.98375	Week 6 down vs Week 1
10503866	NM_008075 // Gabrr1 // gamma-aminobutyric acid (GABA) C receptor, subunit rho 1	Gabrr1	0.000392399	-2.97995	Week 6 down vs Week 1
10339409	---		1.00368E-05	-2.9787	Week 6 down vs Week 1
10503202	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.25177E-07	-2.97703	Week 6 down vs Week 1
10403464	NM_001081426 // Dip2c // DIP2 disco-interacting protein 2 homolog C (Drosophila)	Dip2c	2.08701E-09	-2.97572	Week 6 down vs Week 1
10564177	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	6.23791E-06	-2.975	Week 6 down vs Week 1
10571514	---		1.042E-12	-2.96998	Week 6 down vs Week 1
10362426	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0001792	-2.96095	Week 6 down vs Week 1
10414168	NM_173418 // Lrit2 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit2	0.000219466	-2.96013	Week 6 down vs Week 1
10596931	NM_031392 // Wdr6 // WD repeat domain 6 // 9 F2 // 83669 /// ENSMUST00000068700	Wdr6	8.33009E-10	-2.95196	Week 6 down vs Week 1
10340271	---		5.19201E-08	-2.94974	Week 6 down vs Week 1
10340829	---		3.43299E-08	-2.94508	Week 6 down vs Week 1
10581654	NM_007586 // Calb2 // calbindin 2 // 8 E1 // 12308 /// ENSMUST00000003754 // Cal	Calb2	0.00118039	-2.9442	Week 6 down vs Week 1
10559796	NM_008817 // Peg3 // paternally expressed 3 // 7 A2-B1|7 6.5 cM // 18616 /// ENS	Peg3	1.02628E-06	-2.94206	Week 6 down vs Week 1
10557201	NM_019430 // Cacng3 // calcium channel, voltage-dependent, gamma subunit 3 // --	Cacng3	1.21733E-05	-2.93615	Week 6 down vs Week 1
10338990	---		4.76983E-05	-2.91801	Week 6 down vs Week 1
10343985	---		3.44618E-07	-2.91181	Week 6 down vs Week 1
10454580	NM_009668 // Bin1 // bridging integrator 1 // 18 B1|18 14.0 cM // 30948 /// NM_0	Bin1	5.66829E-07	-2.90957	Week 6 down vs Week 1
10563913	---		3.63075E-05	-2.90945	Week 6 down vs Week 1
10563917	---		3.63075E-05	-2.90945	Week 6 down vs Week 1
10563923	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	3.63075E-05	-2.90945	Week 6 down vs Week 1
10564033	---		4.45967E-05	-2.90571	Week 6 down vs Week 1
10607143	NM_007603 // Capn6 // calpain 6 // X F2 // 12338 /// ENSMUST00000087316 // Capn6	Capn6	3.43755E-06	-2.90551	Week 6 down vs Week 1
10342409	---		9.22316E-06	-2.9055	Week 6 down vs Week 1
10341037	---		0.0161892	-2.90391	Week 6 down vs Week 1
10340065	---		2.96443E-07	-2.90252	Week 6 down vs Week 1
10343635	---		0.000008202	-2.90105	Week 6 down vs Week 1
10524684	NM_008629 // Msi1 // Musashi homolog 1(Drosophila) // --- // 17690 /// ENSMUST00	Msi1	1.41729E-05	-2.89918	Week 6 down vs Week 1
10343127	---		2.01103E-07	-2.89719	Week 6 down vs Week 1
10338272	---		9.18843E-07	-2.89649	Week 6 down vs Week 1
10420988	NM_009955 // Dpysl2 // dihydropyrimidinase-like 2 // 14 D1|14 28.2 cM // 12934 /	Dpysl2	1.73358E-06	-2.88883	Week 6 down vs Week 1
10458894	NM_010728 // Lox // lysyl oxidase // 18 D1|18 29.0 cM // 16948 /// ENSMUST000000	Lox	9.95142E-07	-2.88682	Week 6 down vs Week 1
10563945	---		7.87054E-06	-2.87664	Week 6 down vs Week 1
10403796	NM_175007 // Amph // amphiphysin // 13 A2 // 218038 /// ENSMUST00000003345 // Am	Amph	7.43724E-06	-2.8731	Week 6 down vs Week 1
10342924	---		1.86425E-09	-2.86828	Week 6 down vs Week 1
10342598	---		3.93868E-06	-2.86486	Week 6 down vs Week 1

10343686	---		2.783E-12	-2.86169	Week 6 down vs Week 1
10518408	NM_011122 // Plod1 // procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1 // 4 E2	Plod1	6.96883E-08	-2.85954	Week 6 down vs Week 1
10338619	---		4.51412E-06	-2.85943	Week 6 down vs Week 1
10373113	NM_008447 // Kif5a // kinesin family member 5A // 10 D3|10 70.0 cM // 16572 ///	Kif5a	0.00601704	-2.856	Week 6 down vs Week 1
10416175	NM_010910 // Nefl // neurofilament, light polypeptide // 14 D3 // 18039 /// ENSM	Nefl	9.77392E-06	-2.85533	Week 6 down vs Week 1
10344286	---		8.95078E-05	-2.85274	Week 6 down vs Week 1
10360349	NM_053199 // Cadm3 // cell adhesion molecule 3 // 1 H3 // 94332 /// ENSMUST00000	Cadm3	3.87594E-07	-2.84753	Week 6 down vs Week 1
10505030	NM_176966 // Fsd1l // fibronectin type III and SPRY domain containing 1-like //	Fsd1l	1.87315E-06	-2.84724	Week 6 down vs Week 1
10344351	---		5.16053E-06	-2.84649	Week 6 down vs Week 1
10564169	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	1.10655E-05	-2.84378	Week 6 down vs Week 1
10361771	NM_009538 // Plagl1 // pleiomorphic adenoma gene-like 1 // 10 A2|10 15.0 cM // 2	Plagl1	3.90646E-06	-2.84333	Week 6 down vs Week 1
10580829	BC045114 // Cngb1 // cyclic nucleotide gated channel beta 1 // 8 D1 // 333329 //	Cngb1	0.000109471	-2.83864	Week 6 down vs Week 1
10343251	---		1.64054E-08	-2.83823	Week 6 down vs Week 1
10549594	NM_021324 // Ttyh1 // tweety homolog 1 (Drosophila) // 7 A1 // 57776 /// NM_0010	Ttyh1	0.000086318	-2.83761	Week 6 down vs Week 1
10503198	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	4.67403E-05	-2.83128	Week 6 down vs Week 1
10473312	NM_175514 // Fam171b // family with sequence similarity 171, member B // 2 D //	Fam171b	4.12552E-06	-2.82927	Week 6 down vs Week 1
10340753	---		7.19768E-06	-2.82875	Week 6 down vs Week 1
10339939	---		0.000013405	-2.82214	Week 6 down vs Week 1
10367379	NM_021882 // Si // silver // 10 D3|10 70.0 cM // 20431 /// ENSMUST00000054125 //	Si	0.00275649	-2.82213	Week 6 down vs Week 1
10455080	NM_053134 // Pcdhb9 // protocadherin beta 9 // 18 B3 // 93880 /// ENSMUST0000005	Pcdhb9	7.14822E-08	-2.82172	Week 6 down vs Week 1
10533055	NM_026886 // 1500001A10Rik // RIKEN cDNA 1500001A10 gene // 5 F // 68955 /// ENS	1500001A10Rik	4.43292E-07	-2.82052	Week 6 down vs Week 1
10503200	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.51141E-06	-2.81388	Week 6 down vs Week 1
10602198	NM_008778 // Pak3 // p21 protein (Cdc42/Rac)-activated kinase 3 // X F2 // 18481	Pak3	3.05499E-06	-2.81226	Week 6 down vs Week 1
10431874	NM_134086 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 // 105727 //	Slc38a1	4.83235E-09	-2.81178	Week 6 down vs Week 1
10472136	NM_173030 // Galnt13 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylg	Galnt13	5.50971E-05	-2.80932	Week 6 down vs Week 1
10398390	---		3.92377E-08	-2.80875	Week 6 down vs Week 1
10578017	AK035883 // Gm9911 // predicted gene 9911 // --- // 100101427	Gm9911	2.14871E-05	-2.805	Week 6 down vs Week 1
10362456	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00269773	-2.80274	Week 6 down vs Week 1
10563931	---		6.27197E-06	-2.80203	Week 6 down vs Week 1
10405179	NM_010101 // S1pr3 // sphingosine-1-phosphate receptor 3 // 13 B1 // 13610 /// E	S1pr3	2.53093E-06	-2.80066	Week 6 down vs Week 1
10372383	BC051527 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 320150	Zdhhc17	4.02856E-06	-2.79998	Week 6 down vs Week 1
10342653	---		0.000017793	-2.79812	Week 6 down vs Week 1
10513592	NM_023597 // Wdr31 // WD repeat domain 31 // 4 C1 // 71354 /// ENSMUST0000012009	Wdr31	2.05836E-06	-2.79759	Week 6 down vs Week 1
10338870	---		8.81494E-10	-2.79503	Week 6 down vs Week 1
10362442	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00672204	-2.79135	Week 6 down vs Week 1
10339994	---		0.00156451	-2.79109	Week 6 down vs Week 1
10344608	---		0.00061606	-2.78928	Week 6 down vs Week 1
10408450	NM_009238 // Sox4 // SRY-box containing gene 4 // 13 A3-A5|13 20.0 cM // 20677 /	Sox4	4.48195E-09	-2.78589	Week 6 down vs Week 1
10340639	---		6.20429E-07	-2.78531	Week 6 down vs Week 1
10543572	NM_011829 // Impdh1 // inosine 5'-phosphate dehydrogenase 1 // 6 A3 // 23917 ///	Impdh1	1.45683E-06	-2.78489	Week 6 down vs Week 1
10600994	NM_133205 // Arr3 // arrestin 3, retinal // X C2 // 170735 /// ENSMUST0000011376	Arr3	0.000855602	-2.78275	Week 6 down vs Week 1
10440091	NM_007739 // Col8a1 // collagen, type VIII, alpha 1 // 16 C1.1 // 12837 /// ENSM	Col8a1	2.86008E-05	-2.78124	Week 6 down vs Week 1
10343552	---		2.09163E-07	-2.77787	Week 6 down vs Week 1
10343018	---		3.45394E-08	-2.77775	Week 6 down vs Week 1
10564023	---		5.84384E-05	-2.77514	Week 6 down vs Week 1
10595496	NM_013669 // Snap91 // synaptosomal-associated protein 91 // --- // 20616 /// EN	Snap91	2.20102E-05	-2.77156	Week 6 down vs Week 1
10341166	---		2.07782E-06	-2.77082	Week 6 down vs Week 1
10340334	---		9.94992E-05	-2.76897	Week 6 down vs Week 1
10340647	---		1.55981E-07	-2.76855	Week 6 down vs Week 1
10388465	NM_007873 // Doc2b // double C2, beta // 11 B5 // 13447 /// ENSMUST00000021209 /	Doc2b	1.56342E-05	-2.76679	Week 6 down vs Week 1
10498309	NM_019410 // Pfn2 // profilin 2 // 3 D|3 29.3 cM // 18645 /// ENSMUST00000066882	Pfn2	6.18806E-07	-2.76502	Week 6 down vs Week 1
10343215	---		5.73168E-07	-2.76388	Week 6 down vs Week 1
10410931	NM_001081249 // Vcan // versican // 13 C3|13 55.0 cM // 13003 /// NM_019389 // V	Vcan	1.29784E-06	-2.75877	Week 6 down vs Week 1
10457929	NM_009065 // Rit2 // Ras-like without CAAX 2 // 18 B1 // 19762 /// ENSMUST000000	Rit2	6.27045E-06	-2.75709	Week 6 down vs Week 1
10341962	---		7.82202E-09	-2.75416	Week 6 down vs Week 1
10503214	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.9244E-06	-2.75382	Week 6 down vs Week 1
10344232	---		4.10536E-05	-2.75244	Week 6 down vs Week 1
10472321	NM_033552 // Slc4a10 // solute carrier family 4, sodium bicarbonate cotransporte	Slc4a10	1.79203E-05	-2.75041	Week 6 down vs Week 1
10414003	AK136780 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_985917 // Gm626	Gm626	5.73827E-05	-2.74834	Week 6 down vs Week 1
10599001	NM_007429 // Agtr2 // angiotensin II receptor, type 2 // X A2|X 12.5 cM // 11609	Agtr2	1.75058E-06	-2.74549	Week 6 down vs Week 1
10606868	NM_009052 // Bex1 // brain expressed gene 1 // X F1|X 57.5 cM // 19716 /// ENSMU	Bex1	2.29114E-07	-2.74315	Week 6 down vs Week 1
10360235	NM_009813 // Casq1 // calsequestrin 1 // 1 H3|1 94.0 cM // 12372 /// ENSMUST0000	Casq1	0.00419162	-2.74196	Week 6 down vs Week 1
10339022	---		4.34864E-06	-2.74196	Week 6 down vs Week 1
10547888	NM_013533 // Gpr162 // G protein-coupled receptor 162 // 6 F2|6 60.18 cM // 1478	Gpr162	1.01234E-05	-2.74039	Week 6 down vs Week 1
10347033	NM_027010 // Crygf // crystallin, gamma F // 1 C3|1 32.0 cM // 12969 /// ENSMUST	Crygf	0.00497471	-2.73499	Week 6 down vs Week 1

10579607	BC026418 // B3gnt3 // UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferas	B3gnt3	1.73455E-10	-2.73444	Week 6 down vs Week 1
10419356	NM_144841 // Otx2 // orthodenticle homolog 2 (Drosophila) // 14 C1|14 19.0 cM //	Otx2	7.17649E-05	-2.73363	Week 6 down vs Week 1
10570068	NM_009932 // Col4a2 // collagen, type IV, alpha 2 // 8 A1.1|8 5.0 cM // 12827 //	Col4a2	1.26466E-07	-2.73348	Week 6 down vs Week 1
10398362	AF357355 // Rian // RNA imprinted and accumulated in nucleus // 12 F1|12 54.5 cM	Rian	1.72423E-07	-2.72586	Week 6 down vs Week 1
10358057	NM_175259 // Shisa4 // shisa homolog 4 (Xenopus laevis) // 1 E4 // 77552 /// ENS	Shisa4	5.63813E-08	-2.72116	Week 6 down vs Week 1
10538082	NM_133764 // Atp6v0e2 // ATPase, H+ transporting, lysosomal V0 subunit E2 // 6 B	Atp6v0e2	5.91875E-07	-2.72063	Week 6 down vs Week 1
10564089	---		5.96622E-05	-2.71882	Week 6 down vs Week 1
10340580	---		0.000304595	-2.71879	Week 6 down vs Week 1
10552622	BC059896 // 2410002F23Rik // RIKEN cDNA 2410002F23 gene // 7 B3 // 66976 /// BC0	2410002F23Rik	7.1E-14	-2.71808	Week 6 down vs Week 1
10342754	---		1.09114E-09	-2.71473	Week 6 down vs Week 1
10342919	---		6.45432E-06	-2.71253	Week 6 down vs Week 1
10576973	NM_009931 // Col4a1 // collagen, type IV, alpha 1 // 8 A1.1|8 5.0 cM // 12826 //	Col4a1	3.98292E-07	-2.7121	Week 6 down vs Week 1
10423836	NM_026778 // Cthrc1 // collagen triple helix repeat containing 1 // 15 C // 6858	Cthrc1	6.63714E-08	-2.70828	Week 6 down vs Week 1
10343405	---		3.38303E-09	-2.70812	Week 6 down vs Week 1
10339817	---		8.46914E-07	-2.70654	Week 6 down vs Week 1
10341762	---		0.000108942	-2.70441	Week 6 down vs Week 1
10341656	---		7.16394E-06	-2.70369	Week 6 down vs Week 1
10357736	NM_182716 // Nfasc // neurofascin // 1 E4|1 70.0 cM // 269116 /// NM_001160317 /	Nfasc	5.77313E-05	-2.70005	Week 6 down vs Week 1
10509280	NM_008305 // Hspg2 // perlecan (heparan sulfate proteoglycan 2) // 4 D3|4 71.4 c	Hspg2	1.93405E-06	-2.69609	Week 6 down vs Week 1
10416082	NM_029979 // Trim35 // tripartite motif-containing 35 // 14 D1 // 66854 /// AF14	Trim35	2.67409E-07	-2.69248	Week 6 down vs Week 1
10489759	NM_028072 // Sulf2 // sulfatase 2 // 2 H3 // 72043 /// ENSMUST00000109249 // Sul	Sulf2	2.37226E-10	-2.69076	Week 6 down vs Week 1
10427590	NM_148938 // Slc1a3 // solute carrier family 1 (glial high affinity glutamate tr	Slc1a3	0.000187423	-2.68643	Week 6 down vs Week 1
10561927	NM_007467 // Aplp1 // amyloid beta (A4) precursor-like protein 1 // 7 B1|7 8.0 c	Aplp1	3.06683E-06	-2.68561	Week 6 down vs Week 1
10342256	---		0.000177954	-2.68454	Week 6 down vs Week 1
10601888	NM_011123 // Plp1 // proteolipid protein (myelin) 1 // X F1-F2|X 56.0 cM // 1882	Plp1	0.00363431	-2.68452	Week 6 down vs Week 1
10564011	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000107609	-2.68431	Week 6 down vs Week 1
10503218	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.09855E-06	-2.68423	Week 6 down vs Week 1
10498448	NM_183191 // Plch1 // phospholipase C, eta 1 // 3 E1 // 269437 /// ENSMUST000000	Plch1	1.32048E-06	-2.68274	Week 6 down vs Week 1
10344363	---		0.00132301	-2.68091	Week 6 down vs Week 1
10567879	NM_007504 // Atp2a1 // ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	Atp2a1	0.00107374	-2.6765	Week 6 down vs Week 1
10346878	ENSMUST00000114132 // Zdbf2 // zinc finger, DBF-type containing 2 // 1 C2 // 738	Zdbf2	3.36997E-08	-2.67642	Week 6 down vs Week 1
10497713	NM_021483 // Pex5l // peroxisomal biogenesis factor 5-like // 3 B // 58869 /// E	Pex5l	8.80388E-05	-2.67625	Week 6 down vs Week 1
10374578	BC024460 // Fam161a // family with sequence similarity 161, member A // 11 A3.3	Fam161a	0.000406266	-2.67409	Week 6 down vs Week 1
10549222	NM_001024468 // Bcat1 // branched chain aminotransferase 1, cytosolic // 6 G3|6	Bcat1	1.69261E-06	-2.67192	Week 6 down vs Week 1
10340704	---		1.29735E-06	-2.67146	Week 6 down vs Week 1
10338128	---		4.33338E-10	-2.67074	Week 6 down vs Week 1
10363921	NM_023115 // Pcdh15 // protocadherin 15 // 10 B5.3|10 40.2 cM // 11994 /// NM_00	Pcdh15	0.000119768	-2.66661	Week 6 down vs Week 1
10340294	---		5.68736E-07	-2.66651	Week 6 down vs Week 1
10342833	---		8.42493E-05	-2.66609	Week 6 down vs Week 1
10339842	---		4.81209E-06	-2.66359	Week 6 down vs Week 1
10343455	---		0.000657056	-2.66242	Week 6 down vs Week 1
10384398	NM_010345 // Grb10 // growth factor receptor bound protein 10 // 11 A1|11 8.0 cM	Grb10	7.70621E-06	-2.66187	Week 6 down vs Week 1
10344152	---		2.08884E-05	-2.65881	Week 6 down vs Week 1
10518751	NM_009802 // Car6 // carbonic anhydrase 6 // 4 E2 // 12353 /// ENSMUST0000003081	Car6	0.00172172	-2.65855	Week 6 down vs Week 1
10419366	ENSMUST00000051102 // Gm534 // predicted gene 534 // 14 C1 // 218993	Gm534	1.12309E-06	-2.65842	Week 6 down vs Week 1
10563935	---		0.000112652	-2.65645	Week 6 down vs Week 1
10564045	---		0.000112652	-2.65645	Week 6 down vs Week 1
10564047	---		0.000112652	-2.65645	Week 6 down vs Week 1
10398378	---		9.02919E-10	-2.65546	Week 6 down vs Week 1
10339611	---		5.13356E-10	-2.65512	Week 6 down vs Week 1
10400189	XR_030785 // Gm7172 // predicted gene 7172 // 12 B3 // 636070 /// XR_030785 // G	Gm7172	8.798E-12	-2.65333	Week 6 down vs Week 1
10342969	---		2.39214E-08	-2.65314	Week 6 down vs Week 1
10343273	---		6.41215E-05	-2.6519	Week 6 down vs Week 1
10339577	---		1.46219E-06	-2.65108	Week 6 down vs Week 1
10532592	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.000235974	-2.64981	Week 6 down vs Week 1
10540822	NM_172890 // Slc6a11 // solute carrier family 6 (neurotransmitter transporter, G	Slc6a11	0.000239012	-2.64353	Week 6 down vs Week 1
10564053	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	6.40648E-05	-2.64234	Week 6 down vs Week 1
10564055	---		6.40648E-05	-2.64234	Week 6 down vs Week 1
10408838	NM_019423 // Elovl2 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl2	5.92729E-05	-2.64084	Week 6 down vs Week 1
10593293	NM_001081445 // Ncam1 // neural cell adhesion molecule 1 // 9 A5.3|9 28.0 cM //	Ncam1	3.84545E-06	-2.63795	Week 6 down vs Week 1
10341992	---		4.78354E-08	-2.63691	Week 6 down vs Week 1
10406941	NM_144838 // Sgtb // small glutamine-rich tetratricopeptide repeat (TPR)-contain	Sgtb	6.22494E-06	-2.63646	Week 6 down vs Week 1
10340357	---		3.85619E-06	-2.63437	Week 6 down vs Week 1
10557575	NM_016754 // Mylpf // myosin light chain, phosphorylatable, fast skeletal muscle	Mylpf	0.00241927	-2.6337	Week 6 down vs Week 1
10499431	NM_018804 // Syt11 // synaptotagmin XI // 3 F1 // 229521 /// ENSMUST00000107505	Syt11	4.29494E-05	-2.63175	Week 6 down vs Week 1

10340941	---		1.72758E-06	-2.6317	Week 6 down vs Week 1
10392415	NM_011268 // Rgs9 // regulator of G-protein signaling 9 // 11 E1|11 70.0 cM // 1	Rgs9	8.11847E-05	-2.63145	Week 6 down vs Week 1
10339670	---		1.19414E-08	-2.63131	Week 6 down vs Week 1
10415811	AK053602 // Serpine3 // serpin peptidase inhibitor, clade E (nexin, plasminogen	Serpine3	5.01968E-05	-2.63003	Week 6 down vs Week 1
10338625	---		7.68836E-05	-2.62773	Week 6 down vs Week 1
10398392	---		1.72584E-09	-2.62244	Week 6 down vs Week 1
10339218	---		3.3729E-06	-2.61958	Week 6 down vs Week 1
10341175	---		0.00516545	-2.61484	Week 6 down vs Week 1
10517731	NM_198610 // Igsf21 // immunoglobin superfamily, member 21 // 4 D3 // 230868 ///	Igsf21	2.70081E-05	-2.61458	Week 6 down vs Week 1
10540509	NM_177328 // Grm7 // glutamate receptor, metabotropic 7 // 6 E3 // 108073 /// EN	Grm7	2.30702E-08	-2.61393	Week 6 down vs Week 1
10338575	---		0.000286349	-2.61081	Week 6 down vs Week 1
10563915	---		3.72019E-05	-2.60683	Week 6 down vs Week 1
10563929	---		3.72019E-05	-2.60683	Week 6 down vs Week 1
10340407	---		0.000093747	-2.60614	Week 6 down vs Week 1
10338854	---		1.30328E-05	-2.60314	Week 6 down vs Week 1
10596200	NM_178638 // Tmem108 // transmembrane protein 108 // 9 F1 // 81907 /// ENSMUST00	Tmem108	1.17691E-07	-2.60285	Week 6 down vs Week 1
10344185	---		1.94846E-06	-2.59855	Week 6 down vs Week 1
10350341	---		7.00153E-06	-2.59736	Week 6 down vs Week 1
10366229	NM_001039354 // Lin7a // lin-7 homolog A (C. elegans) // 10 D1 // 108030 /// NM_	Lin7a	1.53114E-05	-2.59671	Week 6 down vs Week 1
10531177	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	2.50881E-06	-2.59647	Week 6 down vs Week 1
10425287	NM_134090 // Kdelr3 // KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein rete	Kdelr3	2.2858E-06	-2.5955	Week 6 down vs Week 1
10592802	NM_027909 // C2cd2l // C2 calcium-dependent domain containing 2-like // 9 B // 7	C2cd2l	3.26755E-06	-2.59232	Week 6 down vs Week 1
10341376	---		5.03401E-06	-2.59143	Week 6 down vs Week 1
10563937	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10563947	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10563951	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10563953	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10563957	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10563995	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10563997	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10563999	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10564001	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10564003	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10564007	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10564029	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10564031	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000153966	-2.5914	Week 6 down vs Week 1
10564035	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564039	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564051	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564059	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564061	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564063	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564065	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000153966	-2.5914	Week 6 down vs Week 1
10564067	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564071	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564075	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564081	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564083	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564131	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564133	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564141	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564145	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564149	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564151	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564153	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564155	---		0.000153966	-2.5914	Week 6 down vs Week 1
10564013	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000152099	-2.58912	Week 6 down vs Week 1
10564017	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000152099	-2.58912	Week 6 down vs Week 1
10454856	NM_028707 // Psd2 // pleckstrin and Sec7 domain containing 2 // 18 B2 // 74002 /	Psd2	3.78453E-06	-2.58811	Week 6 down vs Week 1
10564135	---		0.000134246	-2.58805	Week 6 down vs Week 1
10400609	NM_207010 // Mdga2 // MAM domain containing glycosylphosphatidylinositol anchor	Mdga2	0.000336774	-2.58659	Week 6 down vs Week 1
10564027	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564077	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564079	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564085	---		0.000134367	-2.5845	Week 6 down vs Week 1

10564087	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564091	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564093	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564095	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564097	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564099	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564101	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564103	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564105	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564107	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564113	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564115	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564119	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564121	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564123	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564125	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564127	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564129	---		0.000134367	-2.5845	Week 6 down vs Week 1
10564139	---		0.000134367	-2.5845	Week 6 down vs Week 1
10342445	---		0.00116963	-2.5827	Week 6 down vs Week 1
10429218	NM_177819 // Fam135b // family with sequence similarity 135, member B // 15 D3 /	Fam135b	6.10357E-05	-2.581	Week 6 down vs Week 1
10413987	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	2.76887E-05	-2.58036	Week 6 down vs Week 1
10343207	---		7.75858E-07	-2.57969	Week 6 down vs Week 1
10342830	---		6.08323E-06	-2.57954	Week 6 down vs Week 1
10470296	---		2.77381E-05	-2.57421	Week 6 down vs Week 1
10591112	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	1.50384E-05	-2.56719	Week 6 down vs Week 1
10339500	---		1.57775E-06	-2.56602	Week 6 down vs Week 1
10339970	---		0.00122976	-2.5649	Week 6 down vs Week 1
10341190	---		3.08355E-06	-2.56364	Week 6 down vs Week 1
10356712	NM_008440 // Kif1a // kinesin family member 1A // 1 E1-E2 // 16560 /// NM_001110	Kif1a	2.83882E-06	-2.56222	Week 6 down vs Week 1
10339093	---		1.425E-12	-2.56178	Week 6 down vs Week 1
10490818	NM_025285 // Stmn2 // stathmin-like 2 // 3 A1|3 6.6 cM // 20257 /// ENSMUST00000	Stmn2	1.59301E-05	-2.56125	Week 6 down vs Week 1
10401160	BC066067 // 6330442E10Rik // RIKEN cDNA 6330442E10 gene // 12 C3 // 268567 /// B	6330442E10Rik	2.60912E-06	-2.55907	Week 6 down vs Week 1
10422013	NM_010636 // Klf12 // Kruppel-like factor 12 // --- // 16597 /// ENSMUST00000097	Klf12	6.20193E-08	-2.55795	Week 6 down vs Week 1
10339896	---		0.000213444	-2.55705	Week 6 down vs Week 1
10341488	---		0.000026451	-2.55611	Week 6 down vs Week 1
10338548	---		1.14495E-06	-2.55561	Week 6 down vs Week 1
10338426	---		5.61633E-07	-2.5526	Week 6 down vs Week 1
10564057	---		1.93515E-05	-2.55156	Week 6 down vs Week 1
10344420	---		1.23336E-05	-2.55053	Week 6 down vs Week 1
10341179	---		0.00162891	-2.54929	Week 6 down vs Week 1
10564041	---		0.000195602	-2.54509	Week 6 down vs Week 1
10340015	---		0.000101867	-2.54439	Week 6 down vs Week 1
10563897	---		7.59109E-05	-2.54417	Week 6 down vs Week 1
10395103	NM_181395 // Pxdn // peroxidasin homolog (Drosophila) // 12 A2 // 69675 /// ENSM	Pxdn	4.83472E-06	-2.54381	Week 6 down vs Week 1
10339388	---		3.02603E-06	-2.54245	Week 6 down vs Week 1
10415279	NM_026808 // Fitm1 // fat storage-inducing transmembrane protein 1 // 14 C3 // 6	Fitm1	0.00122695	-2.54196	Week 6 down vs Week 1
10355662	NM_021541 // Cryba2 // crystallin, beta A2 // 1 C3|1 40.8 cM // 12958 /// ENSMUS	Cryba2	0.00523751	-2.54109	Week 6 down vs Week 1
10341185	---		1.89698E-08	-2.54082	Week 6 down vs Week 1
10338267	---		5.21205E-10	-2.53951	Week 6 down vs Week 1
10452295	NM_009451 // Tubb4 // tubulin, beta 4 // 17 D|17 34.5 cM // 22153 /// ENSMUST000	Tubb4	2.90951E-06	-2.53482	Week 6 down vs Week 1
10527158	NM_007984 // Fscn1 // fascin homolog 1, actin bundling protein (Strongylocentrot	Fscn1	7.22724E-08	-2.53335	Week 6 down vs Week 1
10529457	NM_153107 // Cpz // carboxypeptidase Z // 5 B3 // 242939 /// ENSMUST00000038676	Cpz	1.69121E-07	-2.53257	Week 6 down vs Week 1
10569168	NM_026646 // Slc25a22 // solute carrier family 25 (mitochondrial carrier, glutam	Slc25a22	3.08784E-07	-2.53205	Week 6 down vs Week 1
10362422	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.010838	-2.53131	Week 6 down vs Week 1
10341246	---		2.84382E-05	-2.53038	Week 6 down vs Week 1
10341170	---		3.75447E-08	-2.52783	Week 6 down vs Week 1
10338308	---		0.000566873	-2.52468	Week 6 down vs Week 1
10564111	---		9.99673E-05	-2.52448	Week 6 down vs Week 1
10362462	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0202513	-2.52234	Week 6 down vs Week 1
10338866	---		0.000253631	-2.51966	Week 6 down vs Week 1
10341655	---		1.95999E-05	-2.51936	Week 6 down vs Week 1
10338447	---		5.80627E-08	-2.51889	Week 6 down vs Week 1
10563993	---		0.000217421	-2.51625	Week 6 down vs Week 1
10564021	---		0.000217421	-2.51625	Week 6 down vs Week 1

10564025	---		0.000217421	-2.51625	Week 6 down vs Week 1
10440621	NM_146072 // Grik1 // glutamate receptor, ionotropic, kainate 1 // 16 C3.3|16 58	Grik1	1.20458E-05	-2.51607	Week 6 down vs Week 1
10342506	---		4.29641E-07	-2.51594	Week 6 down vs Week 1
10457644	NM_007664 // Cdh2 // cadherin 2 // 18 A1|18 6.0 cM // 12558 /// AB008811 // Cdh2	Cdh2	8.91741E-06	-2.51452	Week 6 down vs Week 1
10541741	NM_145385 // Mlf2 // myeloid leukemia factor 2 // 6 F2 // 30853 /// ENSMUST00000	Mlf2	8.249E-12	-2.51417	Week 6 down vs Week 1
10579543	NM_145598 // Nxnl1 // nucleoredoxin-like 1 // 8 B3.3 // 234404 /// BC021911 // N	Nxnl1	0.000026503	-2.51348	Week 6 down vs Week 1
10341083	---		1.97419E-08	-2.51267	Week 6 down vs Week 1
10452257	NM_025877 // Slc25a23 // solute carrier family 25 (mitochondrial carrier; phosph	Slc25a23	1.0765E-10	-2.50828	Week 6 down vs Week 1
10339783	---		0.000105277	-2.50785	Week 6 down vs Week 1
10358816	NM_010683 // Lamc1 // laminin, gamma 1 // 1 G3|1 81.1 cM // 226519 /// ENSMUST00	Lamc1	1.12942E-06	-2.50694	Week 6 down vs Week 1
10398414	---		1.56231E-09	-2.50604	Week 6 down vs Week 1
10559146	NM_029426 // Brsk2 // BR serine/threonine kinase 2 // 7 F5 // 75770 /// NM_00100	Brsk2	0.000005456	-2.50533	Week 6 down vs Week 1
10340952	---		0.00183745	-2.50489	Week 6 down vs Week 1
10412773	NM_001033270 // Slc4a7 // solute carrier family 4, sodium bicarbonate cotranspor	Slc4a7	0.000129997	-2.50481	Week 6 down vs Week 1
10340832	---		4.05622E-06	-2.5036	Week 6 down vs Week 1
10563965	---		0.000278525	-2.50277	Week 6 down vs Week 1
10563967	---		0.000278525	-2.50277	Week 6 down vs Week 1
10563971	---		0.000278525	-2.50277	Week 6 down vs Week 1
10564043	---		0.000278525	-2.50277	Week 6 down vs Week 1
10338856	---		2.07208E-05	-2.50231	Week 6 down vs Week 1
10339013	---		1.13119E-05	-2.50166	Week 6 down vs Week 1
10339187	---		0.000357252	-2.50138	Week 6 down vs Week 1
10411171	NM_172263 // Pde8b // phosphodiesterase 8B // 13 D1 // 218461 /// ENSMUST0000006	Pde8b	2.38344E-05	-2.50128	Week 6 down vs Week 1
10340387	---		2.96661E-05	-2.49989	Week 6 down vs Week 1
10563911	---		0.00035544	-2.49981	Week 6 down vs Week 1
10398402	---		9.104E-11	-2.49904	Week 6 down vs Week 1
10508936	NM_026257 // Ubxn11 // UBX domain protein 11 // 4 D3|4 65.7 cM // 67586 /// ENSM	Ubxn11	9.88957E-06	-2.49617	Week 6 down vs Week 1
10495243	NM_010360 // Gstm5 // glutathione S-transferase, mu 5 // 3 F2.3 // 14866 /// ENS	Gstm5	3.89572E-08	-2.49469	Week 6 down vs Week 1
10338234	---		7.93612E-05	-2.49424	Week 6 down vs Week 1
10400023	NM_025359 // Tspan13 // tetraspanin 13 // 12 B2 // 66109 /// ENSMUST00000020896	Tspan13	1.42259E-05	-2.49369	Week 6 down vs Week 1
10564143	---		0.000259643	-2.48919	Week 6 down vs Week 1
10564147	---		0.000259643	-2.48919	Week 6 down vs Week 1
10494509	NM_146135 // Pias3 // protein inhibitor of activated STAT 3 // 3 F2.1 // 229615	Pias3	5.5123E-08	-2.48892	Week 6 down vs Week 1
10433114	NM_010577 // Itga5 // integrin alpha 5 (fibronectin receptor alpha) // 15 F3|15	Itga5	1.76158E-08	-2.4882	Week 6 down vs Week 1
10574438	NM_009868 // Cdh5 // cadherin 5 // 8 D3|8 51.0 cM // 12562 /// ENSMUST0000003433	Cdh5	0.000556537	-2.48764	Week 6 down vs Week 1
10463732	NM_146100 // Ina // internexin neuronal intermediate filament protein, alpha //	Ina	5.32103E-05	-2.48701	Week 6 down vs Week 1
10494043	NM_028307 // Tdrkh // tudor and KH domain containing protein // 3 F2 // 72634 //	Tdrkh	3.05837E-06	-2.48697	Week 6 down vs Week 1
10343090	---		2.19339E-05	-2.48679	Week 6 down vs Week 1
10403584	NM_010917 // Nid1 // nidogen 1 // 13 A1|13 7.0 cM // 18073 /// ENSMUST0000000553	Nid1	3.93518E-05	-2.48598	Week 6 down vs Week 1
10342580	---		1.44416E-05	-2.48538	Week 6 down vs Week 1
10564049	---		2.61606E-05	-2.48405	Week 6 down vs Week 1
10342063	---		4.56334E-07	-2.48283	Week 6 down vs Week 1
10563991	---		3.51438E-05	-2.48191	Week 6 down vs Week 1
10436636	NM_001113208 // Ncam2 // neural cell adhesion molecule 2 // 16 56.0 cM // 17968	Ncam2	4.95783E-06	-2.48071	Week 6 down vs Week 1
10338969	---		6.47458E-06	-2.47989	Week 6 down vs Week 1
10341635	---		5.27657E-06	-2.47941	Week 6 down vs Week 1
10480139	NM_153155 // C1ql3 // C1q-like 3 // 2 A1 // 227580 /// NM_008961 // Pter // phos	C1ql3	4.28288E-06	-2.47591	Week 6 down vs Week 1
10354309	NM_007737 // Col5a2 // collagen, type V, alpha 2 // 1 C1 // 12832 /// ENSMUST000	Col5a2	5.69629E-06	-2.46929	Week 6 down vs Week 1
10338841	---		3.03741E-06	-2.46744	Week 6 down vs Week 1
10532784	NM_026805 // Svop // SV2 related protein // 5 F // 68666 /// ENSMUST00000058472	Svop	4.27732E-05	-2.46739	Week 6 down vs Week 1
10338306	---		8.27745E-08	-2.46522	Week 6 down vs Week 1
10606333	NM_001007580 // Fndc3c1 // fibronectin type III domain containing 3C1 // X D //	Fndc3c1	0.00204886	-2.46223	Week 6 down vs Week 1
10402708	NM_021273 // Ckb // creatine kinase, brain // 12 F1|12 55.0 cM // 12709 /// ENSM	Ckb	8.70125E-05	-2.46141	Week 6 down vs Week 1
10591978	NM_172290 // Ntm // neurotrimin // 9 A4 // 235106 /// ENSMUST00000075069 // Ntm	Ntm	3.52481E-06	-2.4612	Week 6 down vs Week 1
10344577	---		2.92679E-06	-2.45527	Week 6 down vs Week 1
10474129	NM_173749 // Pamr1 // peptidase domain containing associated with muscle regener	Pamr1	5.84339E-08	-2.45502	Week 6 down vs Week 1
10549877	---		1.72174E-07	-2.45383	Week 6 down vs Week 1
10503194	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	8.2652E-06	-2.45373	Week 6 down vs Week 1
10580247	NM_019945 // Mast1 // microtubule associated serine/threonine kinase 1 // 8 C3|8	Mast1	0.000106229	-2.45288	Week 6 down vs Week 1
10344540	---		0.000399268	-2.45209	Week 6 down vs Week 1
10606835	NM_009749 // Bex2 // brain expressed X-linked 2 // X F1|X 57.5 cM // 12069 /// E	Bex2	0.00009325	-2.45201	Week 6 down vs Week 1
10343009	---		0.00662666	-2.45181	Week 6 down vs Week 1
10472549	NM_028284 // Bbs5 // Bardet-Biedl syndrome 5 (human) // 2 C3 // 72569 /// ENSMUS	Bbs5	4.87886E-05	-2.45179	Week 6 down vs Week 1
10339567	---		6.57506E-05	-2.44976	Week 6 down vs Week 1
10339622	---		3.18904E-06	-2.44972	Week 6 down vs Week 1

10338264	---		0.00016427	-2.44642	Week 6 down vs Week 1
10464924	NM_029576 // Rab1b // RAB1B, member RAS oncogene family // 19 A // 76308 /// ENS	Rab1b	7.4293E-11	-2.44216	Week 6 down vs Week 1
10481592	NM_010065 // Dnm1 // dynamin 1 // 2 B|2 17.0 cM // 13429 /// ENSMUST00000091089	Dnm1	9.09812E-07	-2.44189	Week 6 down vs Week 1
10500283	NM_011797 // Car14 // carbonic anhydrase 14 // 3 F2.1 // 23831 /// NM_146104 //	Car14	5.73782E-05	-2.44151	Week 6 down vs Week 1
10339938	---		0.000864735	-2.43804	Week 6 down vs Week 1
10342379	---		1.24315E-06	-2.43451	Week 6 down vs Week 1
10344544	---		5.92167E-07	-2.43367	Week 6 down vs Week 1
10338219	---		1.41792E-05	-2.43332	Week 6 down vs Week 1
10456096	NM_146086 // Pde6a // phosphodiesterase 6A, cGMP-specific, rod, alpha // 18 E1 /	Pde6a	0.00864887	-2.43302	Week 6 down vs Week 1
10536220	NM_007743 // Col1a2 // collagen, type I, alpha 2 // 6 A1|6 0.68 cM // 12843 ///	Col1a2	1.61602E-05	-2.43251	Week 6 down vs Week 1
10358597	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	7.44997E-05	-2.42991	Week 6 down vs Week 1
10342441	---		0.000437381	-2.427	Week 6 down vs Week 1
10398384	---		4.18182E-08	-2.42628	Week 6 down vs Week 1
10563943	---		0.000224394	-2.42533	Week 6 down vs Week 1
10369835	NM_178621 // Phyhipl // phytanoyl-CoA hydroxylase interacting protein-like // 10	Phyhipl	0.000682313	-2.4249	Week 6 down vs Week 1
10341341	---		0.000178405	-2.42469	Week 6 down vs Week 1
10373093	NM_030714 // Dtx3 // deltex 3 homolog (Drosophila) // 10 D3 // 80904 /// ENSMUST	Dtx3	2.67601E-06	-2.4221	Week 6 down vs Week 1
10536845	NM_001081185 // Flnc // filamin C, gamma // 6 A3.3 // 68794 /// ENSMUST000000904	Flnc	0.000148097	-2.42207	Week 6 down vs Week 1
10465089	NM_001024560 // Snx32 // sorting nexin 32 // 19 A // 225861 /// ENSMUST000000701	Snx32	2.54965E-08	-2.42149	Week 6 down vs Week 1
10515716	FJ998170 // BC059842 // cDNA sequence BC059842 // 4 D2.1 // 230676 /// ENSMUST00	BC059842	2.8E-14	-2.42137	Week 6 down vs Week 1
10373588	NM_134006 // Rdh5 // retinol dehydrogenase 5 // 10 D3|10 72.0 cM // 19682 /// EN	Rdh5	0.00320361	-2.42087	Week 6 down vs Week 1
10339280	---		3.92564E-06	-2.42042	Week 6 down vs Week 1
10339456	---		1.46652E-10	-2.41976	Week 6 down vs Week 1
10479375	---		0.000735362	-2.41896	Week 6 down vs Week 1
10461268	BC047099 // 1810009A15Rik // RIKEN cDNA 1810009A15 gene // 19 A // 66276	1810009A15Rik	0.000491364	-2.41867	Week 6 down vs Week 1
10338598	---		0.00256023	-2.41813	Week 6 down vs Week 1
10341666	---		6.63764E-09	-2.41754	Week 6 down vs Week 1
10459471	NM_013833 // Rax // retina and anterior neural fold homeobox // 18 E1|18 38.0 cM	Rax	2.92044E-05	-2.41635	Week 6 down vs Week 1
10460616	NM_007687 // Cfl1 // cofilin 1, non-muscle // 19 A // 12631 /// ENSMUST000001165	Cfl1	1.18631E-08	-2.41551	Week 6 down vs Week 1
10541496	NM_015776 // Mfap5 // microfibrillar associated protein 5 // 6 F1 // 50530 /// E	Mfap5	0.00121919	-2.41516	Week 6 down vs Week 1
10589494	NM_013884 // Cspg5 // chondroitin sulfate proteoglycan 5 // 9 F2 // 29873 /// AF	Cspg5	1.65552E-05	-2.415	Week 6 down vs Week 1
10428515	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	0.000103352	-2.41489	Week 6 down vs Week 1
10569429	NM_001161624 // Cdkn1c // cyclin-dependent kinase inhibitor 1C (P57) // 7 F5|7 6	Cdkn1c	6.26979E-07	-2.41285	Week 6 down vs Week 1
10362458	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00190973	-2.41109	Week 6 down vs Week 1
10340476	---		1.21591E-06	-2.41034	Week 6 down vs Week 1
10342808	---		2.19631E-05	-2.4098	Week 6 down vs Week 1
10546432	NM_175314 // Adamts9 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts9	2.2411E-06	-2.40965	Week 6 down vs Week 1
10488382	NM_010740 // Cd93 // CD93 antigen // 2 G3|2 84.0 cM // 17064 /// ENSMUST00000099	Cd93	0.00027023	-2.40943	Week 6 down vs Week 1
10343707	---		2.26031E-05	-2.40929	Week 6 down vs Week 1
10503222	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.93253E-05	-2.40897	Week 6 down vs Week 1
10338618	---		0.000123876	-2.4011	Week 6 down vs Week 1
10343835	---		1.12933E-06	-2.40065	Week 6 down vs Week 1
10339580	---		0.00570099	-2.39998	Week 6 down vs Week 1
10340643	---		1.58229E-09	-2.39875	Week 6 down vs Week 1
10585803	NM_009291 // Stra6 // stimulated by retinoic acid gene 6 // 9 C // 20897 /// NM_	Stra6	3.89279E-05	-2.39832	Week 6 down vs Week 1
10341146	---		1.98045E-05	-2.39792	Week 6 down vs Week 1
10359754	NM_001083897 // Mpzl1 // myelin protein zero-like 1 // 1 H2.3 // 68481 /// NM_00	Mpzl1	9.53644E-08	-2.39571	Week 6 down vs Week 1
10564019	---		0.000294334	-2.39484	Week 6 down vs Week 1
10343750	---		0.000620444	-2.39458	Week 6 down vs Week 1
10572024	NM_023689 // Spock3 // sparc/osteonectin, cwcv and kazal-like domains proteoglyc	Spock3	2.5787E-10	-2.3939	Week 6 down vs Week 1
10343274	---		3.96545E-05	-2.39163	Week 6 down vs Week 1
10338845	---		0.000110311	-2.38785	Week 6 down vs Week 1
10564137	---		0.000274741	-2.38758	Week 6 down vs Week 1
10341148	---		0.000345729	-2.38689	Week 6 down vs Week 1
10364784	NM_139292 // Reep6 // receptor accessory protein 6 // 10 C1 // 70335 /// ENSMUST	Reep6	0.00108658	-2.38651	Week 6 down vs Week 1
10340532	---		0.000549402	-2.38625	Week 6 down vs Week 1
10484237	NM_178723 // Zfp385b // zinc finger protein 385B // 2 C3 // 241494 /// NM_001113	Zfp385b	1.03971E-05	-2.38338	Week 6 down vs Week 1
10342572	---		7.56758E-07	-2.3832	Week 6 down vs Week 1
10344161	---		4.53462E-06	-2.38023	Week 6 down vs Week 1
10398360	---		3.04105E-09	-2.37889	Week 6 down vs Week 1
10344307	---		0.000537926	-2.3764	Week 6 down vs Week 1
10564015	---		9.86855E-05	-2.37634	Week 6 down vs Week 1
10406676	NM_172589 // Lhfpl2 // lipoma HMGIC fusion partner-like 2 // 13 D1 // 218454 ///	Lhfpl2	2.01718E-06	-2.37382	Week 6 down vs Week 1
10343769	---		0.000155319	-2.37347	Week 6 down vs Week 1
10598626	NM_019634 // Tspan7 // tetraspanin 7 // X A1.3-A2 // 21912 /// ENSMUST0000007635	Tspan7	1.13491E-06	-2.37244	Week 6 down vs Week 1

10547100	NM_026376 // Plxnd1 // plexin D1 // 6 E3 // 67784 /// ENSMUST00000015511 // Plxn	Plxnd1	0.000113378	-2.37134	Week 6 down vs Week 1
10601834	NM_001163015 // Gprasp2 // G protein-coupled receptor associated sorting protein	Gprasp2	1.07939E-06	-2.37094	Week 6 down vs Week 1
10563955	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000267974	-2.36995	Week 6 down vs Week 1
10594967	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00954772	-2.3678	Week 6 down vs Week 1
10413932	NM_178791 // E130203B14Rik // RIKEN cDNA E130203B14 gene // 14 B // 320736 /// E	E130203B14Rik	3.19029E-05	-2.36779	Week 6 down vs Week 1
10339645	---		1.00472E-06	-2.36743	Week 6 down vs Week 1
10564037	---		0.000192564	-2.36729	Week 6 down vs Week 1
10355403	NM_010233 // Fn1 // fibronectin 1 // 1 C1-C5|1 36.1 cM // 14268 /// ENSMUST00000	Fn1	6.27319E-07	-2.36492	Week 6 down vs Week 1
10339135	---		2.74615E-06	-2.36483	Week 6 down vs Week 1
10340716	---		1.03585E-07	-2.36461	Week 6 down vs Week 1
10338525	---		1.94038E-06	-2.36341	Week 6 down vs Week 1
10464836	NM_013456 // Actn3 // actinin alpha 3 // 19 A|19 3.0 cM // 11474 /// ENSMUST0000	Actn3	0.016735	-2.36324	Week 6 down vs Week 1
10341771	---		0.0204066	-2.36063	Week 6 down vs Week 1
10342190	---		2.82932E-06	-2.36015	Week 6 down vs Week 1
10342565	---		0.000314948	-2.3598	Week 6 down vs Week 1
10340676	---		7.73809E-05	-2.35966	Week 6 down vs Week 1
10362495	NM_009925 // Col10a1 // collagen, type X, alpha 1 // 10 22.0 cM // 12813 /// ENS	Col10a1	4.82546E-05	-2.35896	Week 6 down vs Week 1
10342780	---		9.87879E-08	-2.35798	Week 6 down vs Week 1
10379190	NM_011707 // Vtn // vitronectin // 11 B5|11 45.09 cM // 22370 /// ENSMUST0000001	Vtn	0.000476282	-2.35727	Week 6 down vs Week 1
10458645	NM_028392 // Ppp2r2b // protein phosphatase 2 (formerly 2A), regulatory subunit	Ppp2r2b	7.35777E-05	-2.35203	Week 6 down vs Week 1
10341216	---		0.0014047	-2.35169	Week 6 down vs Week 1
10582082	NM_001009950 // Slc38a8 // solute carrier family 38, member 8 // 8 E1 // 234788	Slc38a8	4.16167E-05	-2.34664	Week 6 down vs Week 1
10338693	---		0.000705535	-2.34661	Week 6 down vs Week 1
10538206	NM_175098 // Ccdc126 // coiled-coil domain containing 126 // 6 B2.3 // 57895 ///	Ccdc126	0.000107782	-2.34569	Week 6 down vs Week 1
10440393	NM_023380 // Samsn1 // SAM domain, SH3 domain and nuclear localization signals,	Samsn1	8.78582E-05	-2.34562	Week 6 down vs Week 1
10344315	---		1.37031E-06	-2.3441	Week 6 down vs Week 1
10399470	NM_144551 // Trib2 // tribbles homolog 2 (Drosophila) // 12 A1.1 // 217410 /// E	Trib2	6.48763E-08	-2.34294	Week 6 down vs Week 1
10342397	---		6.76416E-06	-2.34224	Week 6 down vs Week 1
10395389	NM_025312 // Sostdc1 // sclerostin domain containing 1 // 12 B2 // 66042 /// ENS	Sostdc1	2.95049E-06	-2.34126	Week 6 down vs Week 1
10418053	NM_010610 // Kcnma1 // potassium large conductance calcium-activated channel, su	Kcnma1	5.96969E-06	-2.3407	Week 6 down vs Week 1
10402061	BC049855 // Eml5 // echinoderm microtubule associated protein like 5 // 12 E //	Eml5	3.09204E-05	-2.339	Week 6 down vs Week 1
10339796	---		1.37248E-05	-2.3383	Week 6 down vs Week 1
10339109	---		0.00107013	-2.33766	Week 6 down vs Week 1
10375774	NM_173372 // Grm6 // glutamate receptor, metabotropic 6 // 11 B1.3 // 108072 ///	Grm6	2.19105E-05	-2.33747	Week 6 down vs Week 1
10338187	---		1.0523E-06	-2.33635	Week 6 down vs Week 1
10374202	NM_009622 // Adcy1 // adenylate cyclase 1 // 11 A2 // 432530 /// ENSMUST00000020	Adcy1	3.60643E-06	-2.33606	Week 6 down vs Week 1
10344284	---		8.83157E-06	-2.33502	Week 6 down vs Week 1
10594971	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.0235131	-2.33444	Week 6 down vs Week 1
10397835	NM_172152 // Slc24a4 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a4	1.94914E-06	-2.33206	Week 6 down vs Week 1
10340051	---		0.000169526	-2.33193	Week 6 down vs Week 1
10339077	---		6.80704E-06	-2.33097	Week 6 down vs Week 1
10427997	NM_027496 // Ankrd33b // ankyrin repeat domain 33B // 15 B3.2 // 67434 /// NM_02	Ankrd33b	1.04279E-05	-2.33022	Week 6 down vs Week 1
10498273	NM_008536 // Tm4sf1 // transmembrane 4 superfamily member 1 // 3 D // 17112 ///	Tm4sf1	0.000375662	-2.32858	Week 6 down vs Week 1
10506360	NM_144906 // Sgip1 // SH3-domain GRB2-like (endophilin) interacting protein 1 //	Sgip1	0.000084406	-2.32846	Week 6 down vs Week 1
10350188	NM_025439 // Tmem9 // transmembrane protein 9 // 1 E4 // 66241 /// NM_001160145	Tmem9	1.671E-12	-2.32822	Week 6 down vs Week 1
10344093	---		1.42411E-09	-2.3275	Week 6 down vs Week 1
10591967	NM_023277 // Jam3 // junction adhesion molecule 3 // 9 A4 // 83964 /// ENSMUST00	Jam3	5.33007E-07	-2.32726	Week 6 down vs Week 1
10533929	NM_016741 // Scarb1 // scavenger receptor class B, member 1 // 5 G1.1|5 68.0 cM	Scarb1	5.99639E-08	-2.32667	Week 6 down vs Week 1
10399046	NM_009511 // Vipr2 // vasoactive intestinal peptide receptor 2 // 12 F2|12 59.4	Vipr2	1.19764E-07	-2.32478	Week 6 down vs Week 1
10451421	NM_027910 // Klhdc3 // kelch domain containing 3 // 17 C|17 24.31 cM // 71765 //	Klhdc3	1.213E-12	-2.32438	Week 6 down vs Week 1
10343899	---		0.00113076	-2.32266	Week 6 down vs Week 1
10437205	NM_008791 // Pcp4 // Purkinje cell protein 4 // 16 C4|16 69.9 cM // 18546 /// EN	Pcp4	0.000202634	-2.32225	Week 6 down vs Week 1
10339837	---		3.62184E-05	-2.32194	Week 6 down vs Week 1
10458906	NM_008908 // Ppic // peptidylprolyl isomerase C // 18 D1 // 19038 /// ENSMUST000	Ppic	1.51066E-05	-2.32176	Week 6 down vs Week 1
10343980	---		9.86129E-06	-2.32026	Week 6 down vs Week 1
10342000	---		0.00323235	-2.32015	Week 6 down vs Week 1
10344006	---		1.2386E-07	-2.31984	Week 6 down vs Week 1
10377148	NM_177369 // Myh8 // myosin, heavy polypeptide 8, skeletal muscle, perinatal //	Myh8	0.00504174	-2.31705	Week 6 down vs Week 1
10483719	NM_001113246 // Chn1 // chimerin (chimaerin) 1 // 2 C3 // 108699 /// NM_175752 /	Chn1	1.30561E-05	-2.31538	Week 6 down vs Week 1
10473444	NM_011784 // Aplnr // apelin receptor // 2 E1 // 23796 /// ENSMUST00000057019 //	Aplnr	5.72734E-08	-2.31432	Week 6 down vs Week 1
10381371	NM_009675 // Aoc3 // amine oxidase, copper containing 3 // 11 B2-B5 // 11754 ///	Aoc3	5.32532E-05	-2.31273	Week 6 down vs Week 1
10375259	NM_008070 // Gabrb2 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 2	Gabrb2	3.87134E-06	-2.31258	Week 6 down vs Week 1
10535231	NM_175274 // Ttyh3 // tweety homolog 3 (Drosophila) // 5 G2 // 78339 /// ENSMUST	Ttyh3	6.99751E-09	-2.31253	Week 6 down vs Week 1
10339595	---		3.08162E-06	-2.31172	Week 6 down vs Week 1
10605766	NM_019791 // Maged1 // melanoma antigen, family D, 1 // X C3|X 34.6 cM // 94275	Maged1	1.19489E-06	-2.31059	Week 6 down vs Week 1

10565422	NM_011661 // Tyr // tyrosinase // 7 D3-E1|7 44.0 cM // 22173 /// ENSMUST00000004	Tyr	0.00922971	-2.30747	Week 6 down vs Week 1
10489872	NM_008420 // Kcnb1 // potassium voltage gated channel, Shab-related subfamily, m	Kcnb1	0.00013744	-2.30576	Week 6 down vs Week 1
10339534	---		4.94553E-05	-2.30491	Week 6 down vs Week 1
10344199	---		6.87252E-06	-2.30476	Week 6 down vs Week 1
10344565	---		6.83284E-05	-2.30465	Week 6 down vs Week 1
10538802	BC047154 // A930038C07Rik // RIKEN cDNA A930038C07 gene // 6 C1 // 68169 /// NM_	A930038C07Rik	2.16145E-05	-2.30358	Week 6 down vs Week 1
10339431	---		0.000773922	-2.30325	Week 6 down vs Week 1
10406536	NM_025335 // Tmem167 // transmembrane protein 167 // 13 C3 // 66074	Tmem167	1.94698E-08	-2.30212	Week 6 down vs Week 1
10608658	---		4.5826E-11	-2.30146	Week 6 down vs Week 1
10342394	---		0.000334669	-2.30139	Week 6 down vs Week 1
10344475	---		0.000139308	-2.30103	Week 6 down vs Week 1
10593499	NM_178906 // AI593442 // expressed sequence AI593442 // 9 A5.3 // 330941 /// BC1	AI593442	4.97036E-05	-2.30081	Week 6 down vs Week 1
10341893	---		2.96628E-06	-2.30037	Week 6 down vs Week 1
10363161	BC079613 // 6330442E10Rik // RIKEN cDNA 6330442E10 gene // 12 C3 // 268567 /// E	6330442E10Rik	9.85463E-05	-2.30028	Week 6 down vs Week 1
10352905	NM_001111059 // Cd34 // CD34 antigen // 1 H6|1 106.6 cM // 12490 /// NM_133654 /	Cd34	0.00084455	-2.30023	Week 6 down vs Week 1
10584674	NM_023061 // Mcam // melanoma cell adhesion molecule // 9 A5.1 // 84004 /// ENSM	Mcam	0.000134145	-2.29923	Week 6 down vs Week 1
10363224	NM_021272 // Fabp7 // fatty acid binding protein 7, brain // 10 B4 // 12140 ///	Fabp7	4.29146E-05	-2.29896	Week 6 down vs Week 1
10476482	NM_029530 // 6330527O06Rik // RIKEN cDNA 6330527O06 gene // 2 F3 // 76161 /// EN	6330527O06Rik	0.000338436	-2.29852	Week 6 down vs Week 1
10343484	---		1.19628E-05	-2.2979	Week 6 down vs Week 1
10551852	NM_001081114 // Clip3 // CAP-GLY domain containing linker protein 3 // 7 B1 // 7	Clip3	2.12516E-07	-2.29774	Week 6 down vs Week 1
10415714	BC056350 // Fam123a // family with sequence similarity 123, member A // 14 D1 //	Fam123a	7.85956E-05	-2.2956	Week 6 down vs Week 1
10344296	---		0.000940354	-2.29447	Week 6 down vs Week 1
10441195	NM_031174 // Dscam // Down syndrome cell adhesion molecule // 16 C|16 70.5 cM //	Dscam	5.47237E-05	-2.29363	Week 6 down vs Week 1
10413710	NM_027289 // Nt5dc2 // 5'-nucleotidase domain containing 2 // 14 B // 70021 ///	Nt5dc2	2.10019E-06	-2.2921	Week 6 down vs Week 1
10338242	---		0.000281402	-2.29202	Week 6 down vs Week 1
10593842	NM_019793 // Tspan3 // tetraspanin 3 // 9 C // 56434 /// ENSMUST00000034876 // T	Tspan3	1.08869E-05	-2.29197	Week 6 down vs Week 1
10388109	NM_001024927 // Pitpnm3 // PITPNM family member 3 // 11 B4 // 327958 /// NM_0010	Pitpnm3	8.39498E-05	-2.28943	Week 6 down vs Week 1
10369688	NM_027384 // Tet1 // tet oncogene 1 // 10 B4|10 32.0 cM // 52463 /// AK129421 //	Tet1	1.5025E-08	-2.2884	Week 6 down vs Week 1
10578688	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00407599	-2.2884	Week 6 down vs Week 1
10358283	NM_133239 // Crb1 // crumbs homolog 1 (Drosophila) // 1 F|1 73.0 cM // 170788 //	Crb1	0.000065271	-2.28811	Week 6 down vs Week 1
10538658	NM_028705 // Herc3 // hect domain and RLD 3 // 6 B3 // 73998 /// ENSMUST00000041	Herc3	0.000176401	-2.28774	Week 6 down vs Week 1
10347060	FJ210934 // Unc80 // unc-80 homolog (C. elegans) // 1 C3 // 329178 /// BC116430	Unc80	1.52848E-05	-2.28762	Week 6 down vs Week 1
10339401	---		2.77479E-05	-2.28725	Week 6 down vs Week 1
10455071	NM_053132 // Pcdhb7 // protocadherin beta 7 // 18 B3 // 93878 /// ENSMUST0000005	Pcdhb7	1.61007E-06	-2.2848	Week 6 down vs Week 1
10562532	NM_172385 // Zfp536 // zinc finger protein 536 // 7 B2 // 243937 /// ENSMUST0000	Zfp536	6.89339E-07	-2.2847	Week 6 down vs Week 1
10381460	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00390264	-2.28458	Week 6 down vs Week 1
10381470	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00390264	-2.28458	Week 6 down vs Week 1
10381472	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00390264	-2.28458	Week 6 down vs Week 1
10391488	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00390264	-2.28458	Week 6 down vs Week 1
10607283	NM_030700 // Maged2 // melanoma antigen, family D, 2 // X F2 // 80884 /// ENSMUS	Maged2	1.22583E-06	-2.28424	Week 6 down vs Week 1
10381096	NM_010517 // Igfbp4 // insulin-like growth factor binding protein 4 // 11 D // 1	Igfbp4	0.000486388	-2.28217	Week 6 down vs Week 1
10403052	XR_033970 // LOC638798 // similar to transcription elongation factor B (SIII), p	LOC638798	1.70158E-07	-2.28092	Week 6 down vs Week 1
10421932	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	2.62711E-06	-2.27994	Week 6 down vs Week 1
10456046	NM_001146268 // Pdgfrb // platelet derived growth factor receptor, beta polypept	Pdgfrb	0.00250959	-2.27865	Week 6 down vs Week 1
10338360	---		0.000220501	-2.27845	Week 6 down vs Week 1
10473240	NM_023119 // Eno1 // enolase 1, alpha non-neuron // 4 E2 // 13806 /// NM_0011348	Eno1	2.08333E-06	-2.27716	Week 6 down vs Week 1
10563077	NM_026555 // Rcn3 // reticulocalbin 3, EF-hand calcium binding domain // 7 B4|7	Rcn3	0.000512512	-2.27619	Week 6 down vs Week 1
10341337	---		0.00186233	-2.27598	Week 6 down vs Week 1
10497842	NM_027810 // Bbs7 // Bardet-Biedl syndrome 7 (human) // 3 B // 71492 /// ENSMUST	Bbs7	0.000112033	-2.27509	Week 6 down vs Week 1
10499168	NM_130867 // Kirrel // kin of IRRE like (Drosophila) // 3 F1 // 170643 /// ENSMU	Kirrel	3.44084E-06	-2.27371	Week 6 down vs Week 1
10357472	NM_009911 // Cxcr4 // chemokine (C-X-C motif) receptor 4 // 1 E4|1 67.4 cM // 12	Cxcr4	4.67963E-08	-2.27263	Week 6 down vs Week 1
10592471	NM_172768 // Gramd1b // GRAM domain containing 1B // 9 B // 235283 /// ENSMUST00	Gramd1b	7.34652E-06	-2.27245	Week 6 down vs Week 1
10599884	NM_001161431 // Slitrk2 // SLIT and NTRK-like family, member 2 // X A5 // 245450	Slitrk2	0.000171981	-2.26825	Week 6 down vs Week 1
10540359	NM_001109749 // Cntn4 // contactin 4 // 6 E2 // 269784 /// NM_173004 // Cntn4 //	Cntn4	2.04235E-05	-2.26778	Week 6 down vs Week 1
10391084	NM_010404 // Hap1 // huntingtin-associated protein 1 // 11 D|11 60.0 cM // 15114	Hap1	3.95548E-07	-2.26691	Week 6 down vs Week 1
10515771	NM_011587 // Tie1 // tyrosine kinase with immunoglobulin-like and EGF-like domai	Tie1	0.000270227	-2.26649	Week 6 down vs Week 1
10343240	---		0.00144891	-2.26566	Week 6 down vs Week 1
10341230	---		8.0992E-06	-2.26534	Week 6 down vs Week 1
10344182	---		2.46369E-05	-2.26526	Week 6 down vs Week 1
10476588	NM_001013802 // Macrod2 // MACRO domain containing 2 // 2 F3 // 72899 /// ENSMUS	Macrod2	5.82939E-09	-2.2642	Week 6 down vs Week 1
10502131	XM_914534 // Lrit3 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit3	0.000165739	-2.2641	Week 6 down vs Week 1
10494174	NM_011351 // Sema6c // sema domain, transmembrane domain (TM), and cytoplasmic d	Sema6c	1.25802E-05	-2.26335	Week 6 down vs Week 1
10340309	---		0.000106896	-2.25981	Week 6 down vs Week 1
10343277	---		9.91159E-06	-2.25953	Week 6 down vs Week 1
10342271	---		0.00374196	-2.259	Week 6 down vs Week 1

10339988	---		2.01629E-08	-2.25838	Week 6 down vs Week 1
10597162	NM_177771 // Klhl18 // kelch-like 18 (Drosophila) // 9 F2 // 270201 /// ENSMUST0	Klhl18	7.96692E-06	-2.25645	Week 6 down vs Week 1
10489569	NM_011125 // Pltp // phospholipid transfer protein // 2 H3|2 93.0 cM // 18830 //	Pltp	6.10784E-05	-2.25508	Week 6 down vs Week 1
10381458	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00567353	-2.25505	Week 6 down vs Week 1
10384223	NM_008343 // Igfbp3 // insulin-like growth factor binding protein 3 // 11 A1|11	Igfbp3	0.000279235	-2.25474	Week 6 down vs Week 1
10372385	NM_172554 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 32015	Zdhhc17	1.59316E-05	-2.25377	Week 6 down vs Week 1
10339507	---		0.00399648	-2.25359	Week 6 down vs Week 1
10394209	NM_007872 // Dnmt3a // DNA methyltransferase 3A // 12 A2-A3 // 13435 /// NM_1537	Dnmt3a	3.13013E-09	-2.25337	Week 6 down vs Week 1
10550638	NM_013648 // Rtn2 // reticulon 2 (Z-band associated protein) // 7 A3|7 4.0 cM //	Rtn2	0.000581751	-2.25083	Week 6 down vs Week 1
10342964	---		5.90701E-05	-2.25044	Week 6 down vs Week 1
10431612	NM_026817 // Rabl2a // RAB, member of RAS oncogene family-like 2A // 15 E3 // 68	Rabl2a	3.04123E-09	-2.2491	Week 6 down vs Week 1
10344112	---		0.000303679	-2.24867	Week 6 down vs Week 1
10540085	NM_007992 // Fbln2 // fibulin 2 // 6 D|6 37.2 cM // 14115 /// NM_001081437 // Fb	Fbln2	7.93825E-06	-2.24754	Week 6 down vs Week 1
10586865	NM_009022 // Aldh1a2 // aldehyde dehydrogenase family 1, subfamily A2 // 9 D|9 4	Aldh1a2	0.000415814	-2.24675	Week 6 down vs Week 1
10358587	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.00055313	-2.24661	Week 6 down vs Week 1
10552143	NM_017394 // Slc7a10 // solute carrier family 7 (cationic amino acid transporter	Slc7a10	6.63284E-06	-2.2459	Week 6 down vs Week 1
10549504	NM_177192 // Dennd5b // DENN/MADD domain containing 5B // 6 G3 // 320560 /// ENS	Dennd5b	2.24151E-08	-2.24576	Week 6 down vs Week 1
10343669	---		0.000493004	-2.24573	Week 6 down vs Week 1
10480249	NM_013935 // Ptpla // protein tyrosine phosphatase-like (proline instead of cata	Ptpla	7.66065E-05	-2.24401	Week 6 down vs Week 1
10458767	NM_178872 // Trim36 // tripartite motif-containing 36 // 18 C|18 22.0 cM // 2810	Trim36	0.000361188	-2.2435	Week 6 down vs Week 1
10342843	---		2.11239E-05	-2.24302	Week 6 down vs Week 1
10344492	---		5.90287E-05	-2.24292	Week 6 down vs Week 1
10593668	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	2.44853E-05	-2.24258	Week 6 down vs Week 1
10358595	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	3.20886E-05	-2.24227	Week 6 down vs Week 1
10564909	NM_172903 // Man2a2 // mannosidase 2, alpha 2 // 7 D2 // 140481 /// ENSMUST00000	Man2a2	4.20306E-07	-2.24172	Week 6 down vs Week 1
10395702	NM_198111 // Akap6 // A kinase (PRKA) anchor protein 6 // 12 C1 // 238161 /// EN	Akap6	1.25894E-05	-2.24042	Week 6 down vs Week 1
10383353	NM_145363 // Tspan10 // tetraspanin 10 // 11 E2 // 208634 /// ENSMUST00000106212	Tspan10	5.16143E-05	-2.23875	Week 6 down vs Week 1
10453373	NM_145984 // Prepl // prolyl endopeptidase-like // 17 E4 // 213760 /// ENSMUST00	Prepl	4.65542E-07	-2.23737	Week 6 down vs Week 1
10342900	---		0.00013198	-2.23733	Week 6 down vs Week 1
10340772	---		3.48042E-07	-2.23718	Week 6 down vs Week 1
10474141	NM_001077514 // Slc1a2 // solute carrier family 1 (glial high affinity glutamate	Slc1a2	0.000192153	-2.23702	Week 6 down vs Week 1
10340823	---		2.81234E-06	-2.23595	Week 6 down vs Week 1
10339292	---		5.10828E-06	-2.23483	Week 6 down vs Week 1
10344238	---		7.61934E-06	-2.23395	Week 6 down vs Week 1
10515731	FJ998170 // BC059842 // cDNA sequence BC059842 // 4 D2.1 // 230676 /// ENSMUST00	BC059842	1.18624E-10	-2.23249	Week 6 down vs Week 1
10460468	NM_019861 // Ctsf // cathepsin F // 19 A // 56464 /// ENSMUST00000115980 // Ctsf	Ctsf	1.35632E-08	-2.23073	Week 6 down vs Week 1
10341516	---		0.00462751	-2.22982	Week 6 down vs Week 1
10426991	NM_144790 // Ankrd33 // ankyrin repeat domain 33 // 15 F2 // 208258 /// ENSMUST0	Ankrd33	5.57498E-05	-2.22875	Week 6 down vs Week 1
10487040	NM_007993 // Fbn1 // fibrillin 1 // 2 F|2 71.0 cM // 14118 /// ENSMUST0000010323	Fbn1	0.00110288	-2.22869	Week 6 down vs Week 1
10549615	NM_172736 // Leng8 // leukocyte receptor cluster (LRC) member 8 // 7 A1 // 23279	Leng8	1.67983E-08	-2.22833	Week 6 down vs Week 1
10584317	NM_027102 // Esam // endothelial cell-specific adhesion molecule // 9 B // 69524	Esam	0.000372299	-2.22744	Week 6 down vs Week 1
10339790	---		1.50663E-05	-2.22678	Week 6 down vs Week 1
10344332	---		7.11605E-07	-2.22649	Week 6 down vs Week 1
10339742	---		4.08936E-06	-2.22584	Week 6 down vs Week 1
10368999	NM_010349 // Grik2 // glutamate receptor, ionotropic, kainate 2 (beta 2) // 10 B	Grik2	3.18422E-06	-2.22556	Week 6 down vs Week 1
10344508	---		6.53766E-05	-2.22544	Week 6 down vs Week 1
10341743	---		1.83882E-05	-2.22436	Week 6 down vs Week 1
10341152	---		0.00022646	-2.22368	Week 6 down vs Week 1
10364468	NM_009768 // Bsg // basigin // 10 C1|10 42.4 cM // 12215 /// NM_001077184 // Bsg	Bsg	1.27298E-10	-2.22348	Week 6 down vs Week 1
10341979	---		4.50116E-06	-2.2234	Week 6 down vs Week 1
10340121	---		2.0161E-06	-2.22335	Week 6 down vs Week 1
10557535	NM_144926 // Sez6l2 // seizure related 6 homolog like 2 // 7 F3 // 233878 /// EN	Sez6l2	1.70947E-06	-2.22188	Week 6 down vs Week 1
10437376	NM_175347 // Srl // sarcalumenin // 16 A1 // 106393 /// ENSMUST00000023161 // Sr	Srl	0.0169237	-2.22156	Week 6 down vs Week 1
10393272	BC053070 // Rnf157 // ring finger protein 157 // 11 E2 // 217340 /// ENSMUST0000	Rnf157	2.97592E-07	-2.2211	Week 6 down vs Week 1
10342996	---		0.00112926	-2.22087	Week 6 down vs Week 1
10398434	---		5.06567E-06	-2.22085	Week 6 down vs Week 1
10440258	NM_010140 // Epha3 // Eph receptor A3 // 16 C1.3 // 13837 /// ENSMUST00000064405	Epha3	2.06108E-10	-2.22073	Week 6 down vs Week 1
10368997	AK048022 // C130030K03Rik // RIKEN cDNA C130030K03 gene // --- // 320644	C130030K03Rik	2.33004E-07	-2.22013	Week 6 down vs Week 1
10341117	---		0.000139495	-2.21936	Week 6 down vs Week 1
10577980	NM_021369 // Chrna6 // cholinergic receptor, nicotinic, alpha polypeptide 6 // 8	Chrna6	0.000143006	-2.21931	Week 6 down vs Week 1
10342188	---		0.00092371	-2.21915	Week 6 down vs Week 1
10340184	---		1.81465E-05	-2.21749	Week 6 down vs Week 1
10444459	NM_031176 // Tnxb // tenascin XB // 17 B1|17 18.74 cM // 81877 /// ENSMUST000000	Tnxb	0.000755851	-2.21742	Week 6 down vs Week 1
10447056	NM_027455 // Qpct // glutaminyl-peptide cyclotransferase (glutaminyl cyclase) //	Qpct	2.67602E-09	-2.21712	Week 6 down vs Week 1
10343803	---		2.59875E-08	-2.2168	Week 6 down vs Week 1

10588755	NM_145621 // Camkv // CaM kinase-like vesicle-associated // 9 F1 // 235604 /// E	Camkv	0.000201039	-2.21679	Week 6 down vs Week 1
10343001	---		9.04581E-05	-2.21584	Week 6 down vs Week 1
10507840	NM_013905 // Heyl // hairy/enhancer-of-split related with YRPW motif-like // 4 D	Heyl	6.97306E-06	-2.21578	Week 6 down vs Week 1
10339987	---		6.16074E-06	-2.2154	Week 6 down vs Week 1
10350951	NM_022312 // Tnr // tenascin R // --- // 21960 /// ENSMUST00000040797 // Tnr //	Tnr	2.88641E-05	-2.2148	Week 6 down vs Week 1
10350339	---		0.00003778	-2.21474	Week 6 down vs Week 1
10469151	NM_172471 // Itih5 // inter-alpha (globulin) inhibitor H5 // 2 A1 // 209378 ///	Itih5	0.000907393	-2.2142	Week 6 down vs Week 1
10382830	DQ390337 // Gm11744 // predicted gene 11744 // 11 E2|11 // 100038570 /// ENSMUST	Gm11744	0.000120004	-2.2141	Week 6 down vs Week 1
10571467	NM_026840 // Pdgfrl // platelet-derived growth factor receptor-like // 8 A4 // 6	Pdgfrl	0.000221777	-2.21383	Week 6 down vs Week 1
10338364	---		8.87483E-06	-2.21381	Week 6 down vs Week 1
10584901	NM_001081270 // Dscaml1 // Down syndrome cell adhesion molecule-like 1 // 9 B //	Dscaml1	6.75744E-05	-2.21135	Week 6 down vs Week 1
10607792	NM_183427 // Glra2 // glycine receptor, alpha 2 subunit // X F5|X 72.0 cM // 237	Glra2	0.000368575	-2.21083	Week 6 down vs Week 1
10419736	NM_010015 // Dad1 // defender against cell death 1 // 14 C2|14 24.0 cM // 13135	Dad1	4.67011E-10	-2.20967	Week 6 down vs Week 1
10473880	NM_172668 // Lrp4 // low density lipoprotein receptor-related protein 4 // 2 E1|	Lrp4	7.49053E-10	-2.20907	Week 6 down vs Week 1
10339858	---		0.000542992	-2.20893	Week 6 down vs Week 1
10588505	NM_029631 // Abhd14b // abhydrolase domain containing 14b // 9 F1 // 76491 /// E	Abhd14b	8.48987E-06	-2.20891	Week 6 down vs Week 1
10583788	NM_008925 // Prkcsh // protein kinase C substrate 80K-H // 9 A3|9 6.0 cM // 1908	Prkcsh	7.2546E-11	-2.20857	Week 6 down vs Week 1
10338950	---		0.00012837	-2.20741	Week 6 down vs Week 1
10424607	NM_008975 // Ptp4a3 // protein tyrosine phosphatase 4a3 // 15 E1 // 19245 /// EN	Ptp4a3	4.12307E-06	-2.20704	Week 6 down vs Week 1
10566543	NM_001162943 // Dchs1 // dachsous 1 (Drosophila) // 7 E3 // 233651 /// ENSMUST00	Dchs1	5.98388E-08	-2.20553	Week 6 down vs Week 1
10341419	---		4.64114E-05	-2.20485	Week 6 down vs Week 1
10370471	NM_053014 // Agpat3 // 1-acylglycerol-3-phosphate O-acyltransferase 3 // 10 C1|1	Agpat3	1.41822E-07	-2.20264	Week 6 down vs Week 1
10339682	---		0.00106842	-2.20202	Week 6 down vs Week 1
10485013	BC085239 // 1110051M20Rik // RIKEN cDNA 1110051M20 gene // 2 E1 // 228356 /// NM	1110051M20Rik	2.10485E-08	-2.20173	Week 6 down vs Week 1
10338418	---		9.04382E-05	-2.20172	Week 6 down vs Week 1
10408613	NM_023716 // Tubb2b // tubulin, beta 2B // 13 A4 // 73710 /// ENSMUST00000075774	Tubb2b	7.59423E-07	-2.20161	Week 6 down vs Week 1
10342456	---		0.00209983	-2.20124	Week 6 down vs Week 1
10458843	NM_018744 // Sema6a // sema domain, transmembrane domain (TM), and cytoplasmic d	Sema6a	1.62622E-06	-2.20087	Week 6 down vs Week 1
10531869	NM_009158 // Mapk10 // mitogen-activated protein kinase 10 // 5 E5 // 26414 ///	Mapk10	0.000164081	-2.19929	Week 6 down vs Week 1
10510546	NM_023119 // Eno1 // enolase 1, alpha non-neuron // 4 E2 // 13806 /// BC083334 /	Eno1	8.09853E-07	-2.19785	Week 6 down vs Week 1
10340938	---		0.000684592	-2.19738	Week 6 down vs Week 1
10519270	NM_021604 // Agrn // agrin // 4 E2|4 80.0 cM // 11603 /// ENSMUST00000075787 //	Agrn	2.3E-14	-2.19714	Week 6 down vs Week 1
10343066	---		0.000901277	-2.19707	Week 6 down vs Week 1
10369715	NM_182992 // Mypn // myopalladin // 10 B4 // 68802 /// ENSMUST00000095580 // Myp	Mypn	0.00174427	-2.19699	Week 6 down vs Week 1
10563975	---		0.00104941	-2.19677	Week 6 down vs Week 1
10563981	---		0.00104941	-2.19677	Week 6 down vs Week 1
10563987	---		0.00104941	-2.19677	Week 6 down vs Week 1
10564009	---		0.00104941	-2.19677	Week 6 down vs Week 1
10341303	---		0.00198486	-2.19614	Week 6 down vs Week 1
10338938	---		9.93959E-06	-2.19593	Week 6 down vs Week 1
10341530	---		4.56114E-08	-2.19558	Week 6 down vs Week 1
10339873	---		1.03878E-07	-2.1954	Week 6 down vs Week 1
10339055	---		9.28613E-08	-2.19538	Week 6 down vs Week 1
10536949	NM_177204 // Fam40b // family with sequence similarity 40, member B // 6 A3.3 //	Fam40b	9.16426E-05	-2.19515	Week 6 down vs Week 1
10569972	NM_026058 // Lass4 // LAG1 homolog, ceramide synthase 4 // 8 A1.2 // 67260 /// E	Lass4	0.000103116	-2.1945	Week 6 down vs Week 1
10412066	NM_023852 // Rab3c // RAB3C, member RAS oncogene family // 13 D2.2 // 67295 ///	Rab3c	0.000114864	-2.19416	Week 6 down vs Week 1
10338144	---		2.1557E-09	-2.1936	Week 6 down vs Week 1
10426244	NM_021921 // Mapk8ip2 // mitogen-activated protein kinase 8 interacting protein	Mapk8ip2	0.00010298	-2.19347	Week 6 down vs Week 1
10341561	---		3.29769E-09	-2.19343	Week 6 down vs Week 1
10343541	---		5.22117E-05	-2.19276	Week 6 down vs Week 1
10338396	---		5.17202E-07	-2.1924	Week 6 down vs Week 1
10553501	NM_080853 // Slc17a6 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a6	0.000244468	-2.19223	Week 6 down vs Week 1
10344122	---		0.00386378	-2.1907	Week 6 down vs Week 1
10339940	---		0.0014062	-2.19051	Week 6 down vs Week 1
10339906	---		2.57267E-05	-2.18988	Week 6 down vs Week 1
10529028	NM_001134692 // 2310016E02Rik // RIKEN cDNA 2310016E02 gene // 5 B1 // 67695 ///	2310016E02Rik	4.93E-13	-2.18942	Week 6 down vs Week 1
10349100	XR_032823 // Gm6651 // predicted gene 6651 // 1 E2.1 // 626075	Gm6651	2.09592E-08	-2.18731	Week 6 down vs Week 1
10491477	NM_011443 // Sox2 // SRY-box containing gene 2 // 3 A2-B|3 15.0 cM // 20674 ///	Sox2	0.00164558	-2.18722	Week 6 down vs Week 1
10564646	NM_001109753 // Sv2b // synaptic vesicle glycoprotein 2 b // 7 D1 // 64176 /// N	Sv2b	0.00188724	-2.1854	Week 6 down vs Week 1
10341550	---		0.00037918	-2.1848	Week 6 down vs Week 1
10342560	---		2.15639E-06	-2.18205	Week 6 down vs Week 1
10342092	---		6.68153E-05	-2.18151	Week 6 down vs Week 1
10441565	NM_011299 // Rps6ka2 // ribosomal protein S6 kinase, polypeptide 2 // 17 F4|17 3	Rps6ka2	4.22541E-08	-2.18114	Week 6 down vs Week 1
10343257	---		0.00141919	-2.17943	Week 6 down vs Week 1
10480804	NM_029293 // Phpt1 // phosphohistidine phosphatase 1 // 2 A3 // 75454 /// ENSMUS	Phpt1	3E-15	-2.17886	Week 6 down vs Week 1

10471486	NM_001146350 // Eng // endoglin // 2 B|2 21.4 cM // 13805 /// NM_007932 // Eng /	Eng	0.00265794	-2.17844	Week 6 down vs Week 1
10594044	NM_012043 // Islr // immunoglobulin superfamily containing leucine-rich repeat /	Islr	0.000709559	-2.17789	Week 6 down vs Week 1
10339192	---		4.09922E-06	-2.17781	Week 6 down vs Week 1
10456400	NM_026473 // Tubb6 // tubulin, beta 6 // 18 E1 // 67951 /// ENSMUST00000001513 /	Tubb6	6.14544E-06	-2.17707	Week 6 down vs Week 1
10341871	---		0.00271467	-2.17702	Week 6 down vs Week 1
10347781	BC082310 // 9430031J16Rik // RIKEN cDNA 9430031J16 gene // 1 C5 // 241134 /// EN	9430031J16Rik	9.96892E-05	-2.17699	Week 6 down vs Week 1
10353871	NM_001013374 // Lman2l // lectin, mannose-binding 2-like // 1 B // 214895 /// EN	Lman2l	1.0302E-11	-2.17668	Week 6 down vs Week 1
10455595	NM_023119 // Eno1 // enolase 1, alpha non-neuron // 4 E2 // 13806 /// NM_0011348	Eno1	1.70065E-06	-2.17639	Week 6 down vs Week 1
10387363	NM_001045525 // Cyb5d1 // cytochrome b5 domain containing 1 // 11 B3 // 327951 /	Cyb5d1	1.85581E-09	-2.17598	Week 6 down vs Week 1
10339667	---		1.21704E-07	-2.17534	Week 6 down vs Week 1
10340159	---		5.17502E-07	-2.17518	Week 6 down vs Week 1
10379866	NM_007607 // Car4 // carbonic anhydrase 4 // 11 C // 12351 /// ENSMUST0000010319	Car4	7.18151E-09	-2.17489	Week 6 down vs Week 1
10384795	NM_001045525 // Cyb5d1 // cytochrome b5 domain containing 1 // 11 B3 // 327951 /	Cyb5d1	3.23635E-09	-2.17334	Week 6 down vs Week 1
10340246	---		2.63649E-06	-2.17291	Week 6 down vs Week 1
10522749	NM_198702 // Lphn3 // latrophilin 3 // 5 D-E1 // 319387 /// ENSMUST00000072521 /	Lphn3	4.54218E-08	-2.17196	Week 6 down vs Week 1
10450904	NM_001039137 // Scoc // short coiled-coil protein // 8 C2 // 56367 /// NM_019708	Scoc	7.17224E-06	-2.17145	Week 6 down vs Week 1
10380067	NM_011129 // Sept4 // septin 4 // 11 C // 18952 /// ENSMUST00000018544 // Sept4	Sep-04	5.30895E-05	-2.17139	Week 6 down vs Week 1
10400030	NM_025840 // Bzw2 // basic leucine zipper and W2 domains 2 // 12 B2 // 66912 ///	Bzw2	2.269E-12	-2.16974	Week 6 down vs Week 1
10340638	---		0.00188161	-2.16962	Week 6 down vs Week 1
10406461	ENSMUST00000052354 // C130071C03Rik // RIKEN cDNA C130071C03 gene // 13 C3 // 32	C130071C03Ril	0.000158403	-2.16962	Week 6 down vs Week 1
10343064	---		3.83111E-06	-2.16726	Week 6 down vs Week 1
10551009	NM_025284 // Tmsb10 // thymosin, beta 10 // 6 C1 // 19240 /// NM_001039392 // Tm	Tmsb10	7.89984E-09	-2.16629	Week 6 down vs Week 1
10358533	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000902569	-2.16157	Week 6 down vs Week 1
10556178	NM_021885 // Tub // tubby candidate gene // 7 E3|7 51.45 cM // 22141 /// ENSMUST	Tub	2.64591E-05	-2.16108	Week 6 down vs Week 1
10584741	NM_008063 // Slc37a4 // solute carrier family 37 (glucose-6-phosphate transporte	Slc37a4	8.54496E-09	-2.16077	Week 6 down vs Week 1
10476814	NM_016889 // Insm1 // insulinoma-associated 1 // 2 G1 // 53626 /// ENSMUST000000	Insm1	4.53051E-05	-2.15975	Week 6 down vs Week 1
10506714	NM_053073 // Lrp8 // low density lipoprotein receptor-related protein 8, apolipo	Lrp8	2.93619E-05	-2.15935	Week 6 down vs Week 1
10352781	NM_023727 // Rd3 // retinal degeneration 3 // 1 H6 // 74023 /// ENSMUST000000534	Rd3	0.000234287	-2.15808	Week 6 down vs Week 1
10339142	---		9.61337E-06	-2.15693	Week 6 down vs Week 1
10339745	---		0.000714233	-2.15572	Week 6 down vs Week 1
10339704	---		0.000110494	-2.15546	Week 6 down vs Week 1
10569319	NM_009983 // Ctsd // cathepsin D // 7 F5 // 13033 /// ENSMUST00000066401 // Ctsd	Ctsd	1.87388E-09	-2.15533	Week 6 down vs Week 1
10420631	NM_026598 // Ebpl // emopamil binding protein-like // 14 D1 // 68177 /// ENSMUST	Ebpl	0.000259	-2.15529	Week 6 down vs Week 1
10344319	---		2.61408E-05	-2.15527	Week 6 down vs Week 1
10429160	NM_009177 // St3gal1 // ST3 beta-galactoside alpha-2,3-sialyltransferase 1 // 15	St3gal1	5.09859E-07	-2.15496	Week 6 down vs Week 1
10343645	---		0.000122287	-2.15479	Week 6 down vs Week 1
10344137	---		1.17131E-08	-2.15456	Week 6 down vs Week 1
10594066	NM_010729 // Loxl1 // lysyl oxidase-like 1 // 9 B|9 33.0 cM // 16949 /// ENSMUST	Loxl1	0.000304133	-2.15394	Week 6 down vs Week 1
10342582	---		1.04214E-05	-2.15387	Week 6 down vs Week 1
10338681	---		0.00122911	-2.15301	Week 6 down vs Week 1
10342235	---		0.000188622	-2.15298	Week 6 down vs Week 1
10430467	NM_020516 // Slc16a8 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a8	0.000114743	-2.15227	Week 6 down vs Week 1
10343997	---		0.00177503	-2.1517	Week 6 down vs Week 1
10532596	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.000211324	-2.15026	Week 6 down vs Week 1
10342621	---		6.09932E-05	-2.14997	Week 6 down vs Week 1
10537458	NM_001004182 // Gm5567 // predicted gene 5567 // 6 B1|6 // 434008 /// ENSMUST000	Gm5567	1.99523E-05	-2.14909	Week 6 down vs Week 1
10583847	NM_178415 // Bbs9 // Bardet-Biedl syndrome 9 (human) // 9 A3 // 319845 /// NM_18	Bbs9	0.000366666	-2.14808	Week 6 down vs Week 1
10591630	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	0.000083903	-2.14675	Week 6 down vs Week 1
10381298	NM_019444 // Ramp2 // receptor (calcitonin) activity modifying protein 2 // 11 D	Ramp2	0.00163462	-2.14668	Week 6 down vs Week 1
10344533	---		6.35515E-05	-2.1459	Week 6 down vs Week 1
10410995	NM_009027 // Rasgrf2 // RAS protein-specific guanine nucleotide-releasing factor	Rasgrf2	0.000552903	-2.14578	Week 6 down vs Week 1
10431326	NM_133241 // Mlc1 // megalencephalic leukoencephalopathy with subcortical cysts	Mlc1	0.00407949	-2.14524	Week 6 down vs Week 1
10338508	---		0.0002213	-2.14492	Week 6 down vs Week 1
10494821	NM_027533 // Tspan2 // tetraspanin 2 // 3 F3 // 70747 /// ENSMUST00000029451 //	Tspan2	3.64956E-05	-2.1442	Week 6 down vs Week 1
10339026	---		0.00145958	-2.14285	Week 6 down vs Week 1
10342736	---		3.0117E-11	-2.14254	Week 6 down vs Week 1
10338530	---		2.99887E-06	-2.14219	Week 6 down vs Week 1
10341679	---		6.39813E-05	-2.14167	Week 6 down vs Week 1
10597817	NM_031161 // Cck // cholecystokinin // 9 F4|9 71.0 cM // 12424 /// ENSMUST000000	Cck	4.1596E-06	-2.14137	Week 6 down vs Week 1
10465820	NM_010316 // Gng3 // guanine nucleotide binding protein (G protein), gamma 3 //	Gng3	0.00101555	-2.14021	Week 6 down vs Week 1
10388042	NM_134022 // 6330403K07Rik // RIKEN cDNA 6330403K07 gene // 11 B4 // 103712 ///	6330403K07Rik	1.13266E-06	-2.13874	Week 6 down vs Week 1
10421924	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	4.39598E-06	-2.13753	Week 6 down vs Week 1
10343663	---		0.000879799	-2.13619	Week 6 down vs Week 1
10605815	NM_080858 // Asb12 // ankyrin repeat and SOCS box-containing 12 // X C1 // 70392	Asb12	0.00137399	-2.13534	Week 6 down vs Week 1
10398354	---		0.000365328	-2.13458	Week 6 down vs Week 1

10368556	NM_013904 // Hey2 // hairy/enhancer-of-split related with YRPW motif 2 // 10 A4	Hey2	1.13741E-05	-2.13426	Week 6 down vs Week 1
10368806	NM_009213 // Smpd2 // sphingomyelin phosphodiesterase 2, neutral // 10 B2 // 205	Smpd2	1.35016E-09	-2.1322	Week 6 down vs Week 1
10553861	NM_001039104 // Trpm1 // transient receptor potential cation channel, subfamily	Trpm1	0.000199436	-2.13109	Week 6 down vs Week 1
10545479	NM_025284 // Tmsb10 // thymosin, beta 10 // 6 C1 // 19240 /// NM_001039392 // Tm	Tmsb10	1.63897E-08	-2.1308	Week 6 down vs Week 1
10340086	---		1.26005E-06	-2.12942	Week 6 down vs Week 1
10585484	NM_176844 // Chrna5 // cholinergic receptor, nicotinic, alpha polypeptide 5 // 9	Chrna5	6.17325E-05	-2.12895	Week 6 down vs Week 1
10563895	---		0.000758395	-2.12855	Week 6 down vs Week 1
10455942	BC075669 // A730017C20Rik // RIKEN cDNA A730017C20 gene // 18 D3 // 225583 /// N	A730017C20Rił	0.000326573	-2.12783	Week 6 down vs Week 1
10341901	---		3.94363E-06	-2.12718	Week 6 down vs Week 1
10561306	NM_011116 // Pld3 // phospholipase D family, member 3 // 7 A3 // 18807 /// ENSMU	Pld3	3.11E-13	-2.12683	Week 6 down vs Week 1
10576332	NM_023279 // Tubb3 // tubulin, beta 3 // 8 E1 // 22152 /// ENSMUST00000071134 //	Tubb3	4.02439E-05	-2.12682	Week 6 down vs Week 1
10400989	NM_172805 // Kcnh5 // potassium voltage-gated channel, subfamily H (eag-related)	Kcnh5	0.000294692	-2.12663	Week 6 down vs Week 1
10341606	---		0.000234322	-2.12614	Week 6 down vs Week 1
10593233	NM_013561 // Htr3a // 5-hydroxytryptamine (serotonin) receptor 3A // 9 A5.3 // 1	Htr3a	2.27682E-05	-2.12531	Week 6 down vs Week 1
10503206	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.07613E-06	-2.12487	Week 6 down vs Week 1
10518927	NM_010598 // Kcnab2 // potassium voltage-gated channel, shaker-related subfamily	Kcnab2	5.12934E-05	-2.12456	Week 6 down vs Week 1
10374406	NM_029861 // Cnrip1 // cannabinoid receptor interacting protein 1 // 11 A3.1 //	Cnrip1	2.25082E-07	-2.12246	Week 6 down vs Week 1
10591116	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	4.97525E-06	-2.12186	Week 6 down vs Week 1
10507484	NM_080469 // Eri3 // exoribonuclease 3 // 4 D1 // 140546 /// ENSMUST00000037127	Eri3	3.68E-12	-2.12054	Week 6 down vs Week 1
10402020	NM_001081191 // Eml5 // echinoderm microtubule associated protein like 5 // 12 E	Eml5	0.00103025	-2.12024	Week 6 down vs Week 1
10448925	NM_021415 // Cacna1h // calcium channel, voltage-dependent, T type, alpha 1H sub	Cacna1h	1.02296E-07	-2.12021	Week 6 down vs Week 1
10343544	---		3.81747E-07	-2.11896	Week 6 down vs Week 1
10568050	NM_007438 // Aldoa // aldolase A, fructose-bisphosphate // 7 F4 // 11674 /// ENS	Aldoa	3.71696E-07	-2.11805	Week 6 down vs Week 1
10497505	NM_138666 // Nlgn1 // neuroligin 1 // 3 A3 // 192167 /// ENSMUST00000075054 // N	Nlgn1	5.86717E-05	-2.11759	Week 6 down vs Week 1
10344121	---		0.0189247	-2.11673	Week 6 down vs Week 1
10459225	---		0.00102996	-2.11535	Week 6 down vs Week 1
10339945	---		0.000347477	-2.11515	Week 6 down vs Week 1
10341964	---		0.000070734	-2.11494	Week 6 down vs Week 1
10529091	---		0.00382599	-2.11446	Week 6 down vs Week 1
10342498	---		0.000107553	-2.11443	Week 6 down vs Week 1
10467124	NM_007392 // Acta2 // actin, alpha 2, smooth muscle, aorta // 19 C3 // 11475 ///	Acta2	0.012342	-2.11417	Week 6 down vs Week 1
10563939	---		0.00274049	-2.11342	Week 6 down vs Week 1
10395831	NM_001037756 // Brms1l // breast cancer metastasis-suppressor 1-like // 12 C1|12	Brms1l	2.83653E-09	-2.11258	Week 6 down vs Week 1
10549700	NM_146177 // Suv420h2 // suppressor of variegation 4-20 homolog 2 (Drosophila) /	Suv420h2	4.0956E-11	-2.11246	Week 6 down vs Week 1
10343511	---		0.000914987	-2.11189	Week 6 down vs Week 1
10342020	---		7.88439E-05	-2.10984	Week 6 down vs Week 1
10550237	NM_025898 // Napa // N-ethylmaleimide sensitive fusion protein attachment protei	Napa	1.797E-12	-2.10849	Week 6 down vs Week 1
10343381	---		2.90554E-08	-2.10772	Week 6 down vs Week 1
10343940	---		7.72177E-09	-2.10747	Week 6 down vs Week 1
10548180	NM_133927 // Itfg2 // integrin alpha FG-GAP repeat containing 2 // 6 F3 // 10114	Itfg2	1.83672E-09	-2.10704	Week 6 down vs Week 1
10342141	---		0.000220401	-2.10647	Week 6 down vs Week 1
10485955	NM_009162 // Scg5 // secretogranin V // 2 E5|2 64.0 cM // 20394 /// ENSMUST00000	Scg5	0.000923531	-2.10607	Week 6 down vs Week 1
10364593	NM_007725 // Cnn2 // calponin 2 // 10 C1 // 12798 /// ENSMUST00000004784 // Cnn2	Cnn2	2.11651E-06	-2.10605	Week 6 down vs Week 1
10338438	---		0.000507965	-2.10534	Week 6 down vs Week 1
10338281	---		1.51238E-06	-2.10519	Week 6 down vs Week 1
10377508	NM_001024206 // Trappc1 // trafficking protein particle complex 1 // 11 B3|11 37	Trappc1	4.48167E-09	-2.10503	Week 6 down vs Week 1
10341855	---		0.00574818	-2.10431	Week 6 down vs Week 1
10341820	---		0.0165415	-2.10421	Week 6 down vs Week 1
10600044	NM_001081135 // Prrg3 // proline rich Gla (G-carboxyglutamic acid) 3 (transmembr	Prrg3	1.75591E-08	-2.10322	Week 6 down vs Week 1
10344352	---		4.07954E-08	-2.10206	Week 6 down vs Week 1
10571312	NM_176933 // Dusp4 // dual specificity phosphatase 4 // 8 A4 // 319520 /// ENSMU	Dusp4	3.39786E-05	-2.10124	Week 6 down vs Week 1
10344243	---		0.00151954	-2.10109	Week 6 down vs Week 1
10398996	NM_024223 // Crip2 // cysteine rich protein 2 // 12 F1|12 58.7 cM // 68337 /// E	Crip2	0.000104816	-2.10053	Week 6 down vs Week 1
10529656	NM_010942 // Nsg1 // neuron specific gene family member 1 // 5 B3|5 21.0 cM // 1	Nsg1	6.29324E-06	-2.09956	Week 6 down vs Week 1
10342902	---		4.80031E-05	-2.09921	Week 6 down vs Week 1
10340725	---		0.000978004	-2.0986	Week 6 down vs Week 1
10433709	BC022741 // 2900011O08Rik // RIKEN cDNA 2900011O08 gene // 16 A1 // 67254 /// NM	2900011O08Rił	3.16041E-05	-2.09781	Week 6 down vs Week 1
10340965	---		0.00067836	-2.09764	Week 6 down vs Week 1
10344438	---		0.000621135	-2.09728	Week 6 down vs Week 1
10604633	NM_001018063 // Cxx1b // CAAX box 1 homolog B (human) // X A5 // 553127 /// NM_0	Cxx1b	6.52604E-06	-2.09671	Week 6 down vs Week 1
10340449	---		9.08827E-05	-2.09575	Week 6 down vs Week 1
10407390	NM_001077363 // Ptbp1 // polypyrimidine tract binding protein 1 // 10 C1|10 43.0	Ptbp1	3.54212E-08	-2.09391	Week 6 down vs Week 1
10340711	---		1.21836E-05	-2.09331	Week 6 down vs Week 1
10338515	---		3.87749E-07	-2.09313	Week 6 down vs Week 1
10431463	NM_027081 // Fam116b // family with sequence similarity 116, member B // 15 E3 /	Fam116b	6.2334E-07	-2.09286	Week 6 down vs Week 1

10339579	---		6.39462E-05	-2.09261	Week 6 down vs Week 1
10489065	NM_013865 // Ndrg3 // N-myc downstream regulated gene 3 // 2 H1 // 29812 /// ENS	Ndrg3	4.23428E-05	-2.09229	Week 6 down vs Week 1
10564233	---		3.17319E-05	-2.09198	Week 6 down vs Week 1
10501302	NM_008596 // Sypl2 // synaptophysin-like 2 // 3 F3-H2 // 17306 /// ENSMUST000000	Sypl2	0.00279474	-2.09127	Week 6 down vs Week 1
10566529	NM_009906 // Tpp1 // tripeptidyl peptidase I // 7 E3|7 50.0 cM // 12751 /// ENSM	Tpp1	7.85067E-09	-2.09091	Week 6 down vs Week 1
10340391	---		3.34615E-06	-2.08902	Week 6 down vs Week 1
10362596	NM_001122893 // Fyn // Fyn proto-oncogene // 10 B1|10 25.0 cM // 14360 /// NM_00	Fyn	1.71666E-05	-2.08853	Week 6 down vs Week 1
10340376	---		0.000477119	-2.08792	Week 6 down vs Week 1
10342077	---		0.000116513	-2.0877	Week 6 down vs Week 1
10341664	---		0.000255815	-2.08665	Week 6 down vs Week 1
10564203	---		0.00276031	-2.08656	Week 6 down vs Week 1
10390407	NM_001081220 // Gpr179 // G protein-coupled receptor 179 // 11 D // 217143 /// E	Gpr179	7.56305E-06	-2.08479	Week 6 down vs Week 1
10380419	NM_007742 // Col1a1 // collagen, type I, alpha 1 // 11 D|11 56.0 cM // 12842 ///	Col1a1	1.39563E-05	-2.08434	Week 6 down vs Week 1
10339064	---		2.42266E-08	-2.08354	Week 6 down vs Week 1
10338687	---		4.03566E-06	-2.08348	Week 6 down vs Week 1
10341684	---		4.47573E-05	-2.08262	Week 6 down vs Week 1
10343382	---		0.000280748	-2.08214	Week 6 down vs Week 1
10343420	---		0.000163568	-2.08151	Week 6 down vs Week 1
10467842	NM_010324 // Got1 // glutamate oxaloacetate transaminase 1, soluble // 19 C3|19	Got1	1.70258E-05	-2.0814	Week 6 down vs Week 1
10592772	NM_138955 // Abcg4 // ATP-binding cassette, sub-family G (WHITE), member 4 // 9	Abcg4	1.92583E-05	-2.0811	Week 6 down vs Week 1
10338973	---		2.21315E-05	-2.08095	Week 6 down vs Week 1
10466000	NM_028411 // Tmem138 // transmembrane protein 138 // 19 B // 72982 /// ENSMUST00	Tmem138	2.19543E-07	-2.08091	Week 6 down vs Week 1
10451198	NM_001025250 // Vegfa // vascular endothelial growth factor A // 17 C|17 24.2 cM	Vegfa	2.91305E-06	-2.08059	Week 6 down vs Week 1
10409464	NM_019813 // Dbn1 // drebrin 1 // 13 B1|13 34.0 cM // 56320 /// ENSMUST000001099	Dbn1	3.2339E-11	-2.08016	Week 6 down vs Week 1
10341414	---		0.00165192	-2.0787	Week 6 down vs Week 1
10340218	---		1.99553E-05	-2.07863	Week 6 down vs Week 1
10341764	---		0.0118899	-2.07803	Week 6 down vs Week 1
10398372	---		1.37184E-06	-2.07793	Week 6 down vs Week 1
10398376	---		1.37184E-06	-2.07793	Week 6 down vs Week 1
10342293	---		0.000062897	-2.07792	Week 6 down vs Week 1
10360090	NM_008911 // Ppox // protoporphyrinogen oxidase // --- // 19044 /// ENSMUST00000	Ppox	1.15182E-10	-2.07691	Week 6 down vs Week 1
10341319	---		0.00160539	-2.07654	Week 6 down vs Week 1
10424781	NM_023168 // Grina // glutamate receptor, ionotropic, N-methyl D-aspartate-assoc	Grina	3.10434E-06	-2.07578	Week 6 down vs Week 1
10344069	---		0.00287272	-2.07538	Week 6 down vs Week 1
10338957	---		4.29066E-05	-2.07514	Week 6 down vs Week 1
10412921	NM_008695 // Nid2 // nidogen 2 // 14 A3 // 18074 /// ENSMUST00000022340 // Nid2	Nid2	0.000204977	-2.07472	Week 6 down vs Week 1
10471555	NM_011923 // Angptl2 // angiopoietin-like 2 // 2 B // 26360 /// ENSMUST000000042	Angptl2	0.000466615	-2.07301	Week 6 down vs Week 1
10341903	---		0.00241817	-2.07297	Week 6 down vs Week 1
10495712	NM_007378 // Abca4 // ATP-binding cassette, sub-family A (ABC1), member 4 // 3 G	Abca4	0.00758209	-2.07271	Week 6 down vs Week 1
10339886	---		0.00132925	-2.0727	Week 6 down vs Week 1
10600390	NM_010273 // Gdi1 // guanosine diphosphate (GDP) dissociation inhibitor 1 // X B	Gdi1	9.92978E-09	-2.07255	Week 6 down vs Week 1
10342231	---		0.0100824	-2.07166	Week 6 down vs Week 1
10340432	---		3.22916E-05	-2.071	Week 6 down vs Week 1
10362363	NM_026138 // 6330407J23Rik // RIKEN cDNA 6330407J23 gene // 10 A4 // 67412 /// E	6330407J23Rik	0.000308082	-2.07069	Week 6 down vs Week 1
10344302	---		4.10929E-08	-2.06942	Week 6 down vs Week 1
10344459	---		0.000127378	-2.0677	Week 6 down vs Week 1
10347188	BC094541 // A830006F12Rik // RIKEN cDNA A830006F12 gene // 1 C3 // 320460 /// NM	A830006F12Rik	0.000123743	-2.06749	Week 6 down vs Week 1
10449071	NM_145999 // Rhot2 // ras homolog gene family, member T2 // 17 A3.3|17 11.6 cM /	Rhot2	1.14878E-08	-2.06702	Week 6 down vs Week 1
10380489	NM_146025 // Samd14 // sterile alpha motif domain containing 14 // 11 D // 21712	Samd14	1.71683E-08	-2.06658	Week 6 down vs Week 1
10492136	NM_019978 // Dclk1 // doublecortin-like kinase 1 // 3 D // 13175 /// NM_00111105	Dclk1	5.7517E-07	-2.06653	Week 6 down vs Week 1
10446553	NM_013813 // Epb4.1l3 // erythrocyte protein band 4.1-like 3 // 17 E1.3|17 42.5	Epb4.1l3	1.96491E-08	-2.0665	Week 6 down vs Week 1
10343852	---		0.000816258	-2.0665	Week 6 down vs Week 1
10367440	NM_008398 // Itga7 // integrin alpha 7 // 10 D3|10 72.0 cM // 16404 /// ENSMUST0	Itga7	4.8402E-06	-2.06647	Week 6 down vs Week 1
10431812	NM_016743 // Nell2 // NEL-like 2 (chicken) // --- // 54003 /// ENSMUST0000007527	Nell2	1.34734E-06	-2.06584	Week 6 down vs Week 1
10341843	---		2.22762E-06	-2.06529	Week 6 down vs Week 1
10584572	NM_031165 // Hspa8 // heat shock protein 8 // 9 A5.1|9 24.0 cM // 15481 /// ENSM	Hspa8	2.95414E-08	-2.06492	Week 6 down vs Week 1
10583478	NM_001030290 // Rdh8 // retinol dehydrogenase 8 // 9 A3 // 235033 /// ENSMUST000	Rdh8	0.000121682	-2.06442	Week 6 down vs Week 1
10339442	---		0.000340748	-2.06426	Week 6 down vs Week 1
10451547	XM_001480078 // Gm16494 // predicted gene 16494 // 17 C|17 // 100043385	Gm16494	6.07888E-06	-2.06402	Week 6 down vs Week 1
10521796	---		8.3753E-06	-2.06304	Week 6 down vs Week 1
10379044	NM_033475 // Rab34 // RAB34, member of RAS oncogene family // 11 B5|11 44.89 cM	Rab34	3.71985E-08	-2.06268	Week 6 down vs Week 1
10507612	NM_019783 // Lepre1 // leprecan 1 // 4 D1 // 56401 /// NM_001042411 // Lepre1 //	Lepre1	2.10983E-07	-2.06133	Week 6 down vs Week 1
10564726	NM_020599 // Rlbp1 // retinaldehyde binding protein 1 // 7 D3|7 39.0 cM // 19771	Rlbp1	0.0233613	-2.06107	Week 6 down vs Week 1
10341695	---		0.00245176	-2.06102	Week 6 down vs Week 1
10546450	NM_175314 // Adamts9 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts9	0.000284169	-2.06009	Week 6 down vs Week 1

10504775	NM_009928 // Col15a1 // collagen, type XV, alpha 1 // 4 B1-B3 // 12819 /// ENSMU	Col15a1	4.10806E-05	-2.05999	Week 6 down vs Week 1
10339553	---		2.06957E-07	-2.05962	Week 6 down vs Week 1
10516481	NM_008120 // Gja4 // gap junction protein, alpha 4 // 4 D2.2|4 57.6 cM // 14612	Gja4	4.78323E-05	-2.05951	Week 6 down vs Week 1
10547641	NM_011401 // Slc2a3 // solute carrier family 2 (facilitated glucose transporter)	Slc2a3	6.28177E-06	-2.05871	Week 6 down vs Week 1
10342243	---		2.89609E-05	-2.05856	Week 6 down vs Week 1
10582303	NM_007806 // Cyba // cytochrome b-245, alpha polypeptide // --- // 13057 /// ENS	Cyba	8.72036E-07	-2.05849	Week 6 down vs Week 1
10458685	ENSMUST00000097589 // Jakmip2 // janus kinase and microtubule interacting protei	Jakmip2	0.000180484	-2.05738	Week 6 down vs Week 1
10564235	---		5.41166E-05	-2.05641	Week 6 down vs Week 1
10340692	---		0.000199197	-2.05602	Week 6 down vs Week 1
10354938	NM_001033449 // Als2cr4 // amyotrophic lateral sclerosis 2 (juvenile) chromosome	Als2cr4	5.48663E-05	-2.05563	Week 6 down vs Week 1
10477920	NM_172118 // Myl9 // myosin, light polypeptide 9, regulatory // 2 H1 // 98932 //	Myl9	0.0121458	-2.05552	Week 6 down vs Week 1
10341411	---		5.13028E-05	-2.05538	Week 6 down vs Week 1
10343611	---		1.37532E-09	-2.05525	Week 6 down vs Week 1
10398418	---		2.05592E-07	-2.05506	Week 6 down vs Week 1
10343699	---		5.59158E-05	-2.05455	Week 6 down vs Week 1
10343005	---		0.00274328	-2.05432	Week 6 down vs Week 1
10343637	---		1.48952E-05	-2.054	Week 6 down vs Week 1
10367173	NM_008600 // Mip // major intrinsic protein of eye lens fiber // 10 D1|10 74.0 c	Mip	0.00525215	-2.05294	Week 6 down vs Week 1
10341233	---		1.76287E-06	-2.05275	Week 6 down vs Week 1
10591123	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	0.000332275	-2.05241	Week 6 down vs Week 1
10377938	NM_007933 // Eno3 // enolase 3, beta muscle // 11 B4|11 42.0 cM // 13808 /// NM_	Eno3	0.00872296	-2.05203	Week 6 down vs Week 1
10568078	AK129235 // Taok2 // TAO kinase 2 // 7 F3 // 381921 /// ENSMUST00000071268 // Ta	Taok2	5.17187E-10	-2.05142	Week 6 down vs Week 1
10339091	---		0.00127921	-2.05119	Week 6 down vs Week 1
10547701	NM_008995 // Pex5 // peroxisomal biogenesis factor 5 // 6 F2|6 59.6 cM // 19305	Pex5	3.8E-12	-2.04856	Week 6 down vs Week 1
10527516	NM_145155 // Wasf3 // WAS protein family, member 3 // 5 G3 // 245880 /// ENSMUST	Wasf3	0.000012379	-2.04741	Week 6 down vs Week 1
10571815	NM_153581 // Gpm6a // glycoprotein m6a // 8 B3.2 // 234267 /// ENSMUST0000003391	Gpm6a	0.00329593	-2.0471	Week 6 down vs Week 1
10338109	---		0.015654	-2.04616	Week 6 down vs Week 1
10342666	---		0.00187979	-2.04613	Week 6 down vs Week 1
10340497	---		1.05505E-08	-2.04512	Week 6 down vs Week 1
10607499	NM_011077 // Phex // phosphate regulating gene with homologies to endopeptidases	Phex	1.80563E-06	-2.04388	Week 6 down vs Week 1
10545014	ENSMUST00000114297 // Vopp1 // vesicular, overexpressed in cancer, prosurvival p	Vopp1	0.000283569	-2.0438	Week 6 down vs Week 1
10338482	---		1.48456E-05	-2.04349	Week 6 down vs Week 1
10387797	NM_007528 // Bcl6b // B-cell CLL/lymphoma 6, member B // 11 B4 // 12029 /// ENSM	Bcl6b	5.36931E-06	-2.04346	Week 6 down vs Week 1
10539517	NM_021469 // Dysf // dysferlin // 6 C3|6 35.85 cM // 26903 /// NM_001077694 // D	Dysf	4.26446E-05	-2.04313	Week 6 down vs Week 1
10419676	NM_172601 // Rab2b // RAB2B, member RAS oncogene family // 14 C2 // 76338 /// EN	Rab2b	2.9958E-10	-2.04311	Week 6 down vs Week 1
10338044	---		3.16278E-05	-2.04295	Week 6 down vs Week 1
10355958	NM_023230 // Ube2v1 // ubiquitin-conjugating enzyme E2 variant 1 // 2 49.6 cM //	Ube2v1	4.88155E-10	-2.04227	Week 6 down vs Week 1
10339621	---		0.00140022	-2.04171	Week 6 down vs Week 1
10520043	NM_029990 // Lhfpl3 // lipoma HMGIC fusion partner-like 3 // 5 A3 // 269629 ///	Lhfpl3	0.000204525	-2.04119	Week 6 down vs Week 1
10419854	NM_016972 // Slc7a8 // solute carrier family 7 (cationic amino acid transporter,	Slc7a8	0.000656804	-2.04107	Week 6 down vs Week 1
10344131	---		0.00316437	-2.03955	Week 6 down vs Week 1
10599654	NM_028375 // Cxx1c // CAAX box 1 homolog C (human) // X A5 // 72865 /// ENSMUST0	Cxx1c	9.23689E-06	-2.03932	Week 6 down vs Week 1
10486875	NM_172673 // Frmd5 // FERM domain containing 5 // 2 E5 // 228564 /// ENSMUST0000	Frmd5	6.06494E-05	-2.03931	Week 6 down vs Week 1
10591626	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	1.39341E-06	-2.03928	Week 6 down vs Week 1
10418092	BC038501 // A830039N20Rik // RIKEN cDNA A830039N20 gene // 14 A3 // 268723 /// E	A830039N20Rik	5.89715E-06	-2.03862	Week 6 down vs Week 1
10547830	NM_009415 // Tpi1 // triosephosphate isomerase 1 // 6 F2|6 60.2 cM // 21991 ///	Tpi1	2.67784E-07	-2.03719	Week 6 down vs Week 1
10595560	NM_023814 // Tbx18 // T-box18 // 9 E3.2|9 48.5 cM // 76365 /// ENSMUST0000003499	Tbx18	6.75795E-05	-2.03658	Week 6 down vs Week 1
10406934	NM_007960 // Etv1 // ets variant gene 1 // 12 A3-B1|12 18.5 cM // 14009 /// ENSM	Etv1	3.82838E-06	-2.03628	Week 6 down vs Week 1
10519770	NM_011995 // Pclo // piccolo (presynaptic cytomatrix protein) // --- // 26875 //	Pclo	0.000386549	-2.03546	Week 6 down vs Week 1
10362245	NM_013511 // Epb4.1l2 // erythrocyte protein band 4.1-like 2 // 10 A4|10 18.0 cM	Epb4.1l2	0.000139024	-2.03495	Week 6 down vs Week 1
10342892	---		0.00421379	-2.03341	Week 6 down vs Week 1
10479698	NM_008665 // Myt1 // myelin transcription factor 1 // 2 H4|2 106.0 cM // 17932 /	Myt1	0.000497702	-2.03332	Week 6 down vs Week 1
10343863	---		0.000337328	-2.03169	Week 6 down vs Week 1
10340708	---		0.000458673	-2.03162	Week 6 down vs Week 1
10344103	---		4.3963E-07	-2.03157	Week 6 down vs Week 1
10342974	---		0.00118433	-2.03068	Week 6 down vs Week 1
10567546	NM_016669 // Crym // crystallin, mu // 7 F2|7 55.0 cM // 12971 /// ENSMUST000000	Crym	1.18191E-05	-2.03065	Week 6 down vs Week 1
10343459	---		0.000337663	-2.03044	Week 6 down vs Week 1
10431564	NM_009948 // Cpt1b // carnitine palmitoyltransferase 1b, muscle // 15 E3|15 52.6	Cpt1b	0.00118986	-2.0295	Week 6 down vs Week 1
10341031	---		7.57338E-05	-2.02921	Week 6 down vs Week 1
10563441	NM_010129 // Emp3 // epithelial membrane protein 3 // 7 B4|7 24.5 cM // 13732 //	Emp3	1.45921E-05	-2.02862	Week 6 down vs Week 1
10343060	---		0.000283645	-2.02855	Week 6 down vs Week 1
10492021	NM_015784 // Postn // periostin, osteoblast specific factor // 3 C // 50706 ///	Postn	0.00145905	-2.02784	Week 6 down vs Week 1
10458293	NM_029669 // Dnajc18 // DnaJ (Hsp40) homolog, subfamily C, member 18 // 18 B3 //	Dnajc18	1.83786E-07	-2.02764	Week 6 down vs Week 1
10399419	NM_023716 // Tubb2b // tubulin, beta 2B // 13 A4 // 73710 /// NR_003964 // Tubb2	Tubb2b	4.04692E-08	-2.02726	Week 6 down vs Week 1

10343768	---		0.00464674	-2.02696	Week 6 down vs Week 1
10385966	NM_013472 // Anxa6 // annexin A6 // 11 B1.3|11 29.5 cM // 11749 /// NM_001110211	Anxa6	4.67468E-07	-2.02647	Week 6 down vs Week 1
10383767	NM_152818 // Osbp2 // oxysterol binding protein 2 // 11 A1 // 74309 /// ENSMUST0	Osbp2	0.000529309	-2.0262	Week 6 down vs Week 1
10343182	---		1.24437E-08	-2.02553	Week 6 down vs Week 1
10549653	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	1.67221E-08	-2.02464	Week 6 down vs Week 1
10550326	NM_198613 // Ap2s1 // adaptor-related protein complex 2, sigma 1 subunit // 7 A2	Ap2s1	1.56804E-10	-2.02397	Week 6 down vs Week 1
10594490	NM_144813 // Slc24a1 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a1	0.00261009	-2.0238	Week 6 down vs Week 1
10601492	NM_177747 // Zfp711 // zinc finger protein 711 // X E1 // 245595 /// ENSMUST0000	Zfp711	3.83843E-07	-2.02242	Week 6 down vs Week 1
10420616	NM_011892 // Sgcg // sarcoglycan, gamma (dystrophin-associated glycoprotein) //	Sgcg	0.00322885	-2.02223	Week 6 down vs Week 1
10555205	NM_201352 // Gdpd5 // glycerophosphodiester phosphodiesterase domain containing	Gdpd5	1.45645E-08	-2.02172	Week 6 down vs Week 1
10384015	NM_018870 // Pgam2 // phosphoglycerate mutase 2 // 11 A1 // 56012 /// ENSMUST000	Pgam2	0.0121557	-2.02156	Week 6 down vs Week 1
10511180	NM_024263 // Mxra8 // matrix-remodelling associated 8 // 4 E2|4 83.0 cM // 74761	Mxra8	0.000756105	-2.02119	Week 6 down vs Week 1
10448459	NM_173186 // Tbc1d24 // TBC1 domain family, member 24 // 17 A3.3 // 224617 /// E	Tbc1d24	1.33041E-06	-2.02097	Week 6 down vs Week 1
10366705	XR_030920 // Gm9081 // predicted gene 9081 // 10 D2 // 668275	Gm9081	3.80582E-07	-2.0209	Week 6 down vs Week 1
10339228	---		4.69805E-05	-2.0208	Week 6 down vs Week 1
10339164	---		0.000590208	-2.02036	Week 6 down vs Week 1
10458122	NM_080637 // Nme5 // non-metastatic cells 5, protein expressed in (nucleoside-di	Nme5	0.000114771	-2.01989	Week 6 down vs Week 1
10559221	NM_011620 // Tnnt3 // troponin T3, skeletal, fast // 7 F5|7 69.0 cM // 21957 ///	Tnnt3	0.00525026	-2.01958	Week 6 down vs Week 1
10376950	NM_008885 // Pmp22 // peripheral myelin protein 22 // 11 B3|11 34.45 cM // 18858	Pmp22	0.000481149	-2.01902	Week 6 down vs Week 1
10530841	NM_001159518 // Igfbp7 // insulin-like growth factor binding protein 7 // 5 C3.3	Igfbp7	0.0015952	-2.01748	Week 6 down vs Week 1
10601857	NM_009750 // Ngfrap1 // nerve growth factor receptor (TNFRSF16) associated prote	Ngfrap1	2.08811E-09	-2.01736	Week 6 down vs Week 1
10356177	NM_152915 // Dner // delta/notch-like EGF-related receptor // 1 C5 // 227325 ///	Dner	0.000482566	-2.01707	Week 6 down vs Week 1
10393836	NM_133796 // Arhgdia // Rho GDP dissociation inhibitor (GDI) alpha // 11 E2 // 1	Arhgdia	2.9037E-11	-2.01704	Week 6 down vs Week 1
10341882	---		1.17957E-06	-2.01662	Week 6 down vs Week 1
10343243	---		2.26497E-05	-2.01662	Week 6 down vs Week 1
10339892	---		0.00973389	-2.01654	Week 6 down vs Week 1
10339733	---		0.000265785	-2.01642	Week 6 down vs Week 1
10431170	NM_001033273 // 5031439G07Rik // RIKEN cDNA 5031439G07 gene // 15 E2 // 223739 /	5031439G07Rik	4.34067E-08	-2.01628	Week 6 down vs Week 1
10591127	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	8.32305E-05	-2.01604	Week 6 down vs Week 1
10569618	NM_178642 // Ano1 // anoctamin 1, calcium activated chloride channel // 7 F5 //	Ano1	9.83389E-05	-2.01582	Week 6 down vs Week 1
10415408	BC151043 // BC030046 // cDNA sequence BC030046 // 14 C3 // 277154 /// ENSMUST000	BC030046	3.98088E-10	-2.01573	Week 6 down vs Week 1
10343779	---		0.00003715	-2.01567	Week 6 down vs Week 1
10343907	---		9.46466E-05	-2.01542	Week 6 down vs Week 1
10564069	---		0.00307694	-2.01501	Week 6 down vs Week 1
10564073	---		0.00307694	-2.01501	Week 6 down vs Week 1
10472372	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	0.000136021	-2.0137	Week 6 down vs Week 1
10578572	NM_001114311 // Stox2 // storkhead box 2 // 8 B1.1 // 71069 /// NM_175162 // Sto	Stox2	3.47296E-06	-2.01323	Week 6 down vs Week 1
10338196	---		1.57043E-07	-2.0131	Week 6 down vs Week 1
10343276	---		0.000317462	-2.01156	Week 6 down vs Week 1
10472398	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	0.00024341	-2.01092	Week 6 down vs Week 1
10391831	NM_026551 // Dcakd // dephospho-CoA kinase domain containing // 11 E1 // 68087 /	Dcakd	5.34675E-10	-2.01081	Week 6 down vs Week 1
10340032	---		0.000923743	-2.01035	Week 6 down vs Week 1
10433008	NM_009582 // Map3k12 // mitogen-activated protein kinase kinase kinase 12 // 15	Map3k12	5.36085E-09	-2.00965	Week 6 down vs Week 1
10455826	NM_001001979 // Megf10 // multiple EGF-like-domains 10 // 18 D3 // 70417 /// ENS	Megf10	1.37436E-10	-2.00886	Week 6 down vs Week 1
10518833	NM_001081557 // Camta1 // calmodulin binding transcription activator 1 // 4 E2 /	Camta1	9.33423E-05	-2.00746	Week 6 down vs Week 1
10591131	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	5.54023E-06	-2.00729	Week 6 down vs Week 1
10484307	NM_011356 // Frzb // frizzled-related protein // 2 C3|2 49.75 cM // 20378 /// EN	Frzb	0.000242987	-2.00722	Week 6 down vs Week 1
10343700	---		0.00010909	-2.00695	Week 6 down vs Week 1
10340936	---		0.000219822	-2.00655	Week 6 down vs Week 1
10427742	XR_001896 // Gm8174 // glyceraldehyde-3-phosphate dehydrogenase pseudogene // 15	Gm8174	1.84066E-08	-2.00541	Week 6 down vs Week 1
10344231	---		5.61475E-06	-2.00532	Week 6 down vs Week 1
10395457	NM_007960 // Etv1 // ets variant gene 1 // 12 A3-B1|12 18.5 cM // 14009 /// ENSM	Etv1	3.38186E-05	-2.00455	Week 6 down vs Week 1
10402211	NM_011812 // Fbln5 // fibulin 5 // 12 F1 // 23876 /// ENSMUST00000021603 // Fbln	Fbln5	0.000320502	-2.00452	Week 6 down vs Week 1
10494548	NM_008121 // Gja5 // gap junction membrane channel protein alpha 5 // 3 F2.1|3 4	Gja5	0.000111937	-2.0044	Week 6 down vs Week 1
10564839	NM_009682 // Ap3s2 // adaptor-related protein complex 3, sigma 2 subunit // 7 D3	Ap3s2	1.33382E-09	-2.00426	Week 6 down vs Week 1
10507594	NM_011400 // Slc2a1 // solute carrier family 2 (facilitated glucose transporter)	Slc2a1	7.33827E-05	-2.00345	Week 6 down vs Week 1
10476594	NM_001013802 // Macrod2 // MACRO domain containing 2 // 2 F3 // 72899 /// ENSMUS	Macrod2	6.78943E-06	-2.00124	Week 6 down vs Week 1
10596190	NM_001002896 // Bfsp2 // beaded filament structural protein 2, phakinin // 9 F1	Bfsp2	0.00223091	-2.00091	Week 6 down vs Week 1
10506571	NM_053272 // Dhcr24 // 24-dehydrocholesterol reductase // 4 C7 // 74754 /// ENSM	Dhcr24	0.000232114	2.00033	Week 6 up vs Week 1
10343393	---		0.000951703	2.0015	Week 6 up vs Week 1
10450723	NM_010395 // H2-T10 // histocompatibility 2, T region locus 10 // 17 B1|17 19.96	H2-T10	6.65546E-10	2.00169	Week 6 up vs Week 1
10429564	NM_010738 // Ly6a // lymphocyte antigen 6 complex, locus A // 15 D3|15 42.7 cM /	Ly6a	0.00107134	2.0022	Week 6 up vs Week 1
10338373	---		6.39289E-08	2.00252	Week 6 up vs Week 1
10574532	NM_145603 // Ces2 // carboxylesterase 2 // 8 D3 // 234671 /// NM_172759 // Ces5	Ces2	4.35692E-06	2.00295	Week 6 up vs Week 1
10342781	---		0.000139935	2.00336	Week 6 up vs Week 1

10395805	BC049669 // 1700047I17Rik1 // RIKEN cDNA 1700047I17 gene 1 // 12 C1 // 73385	1700047I17Rik1	4.28724E-09	2.00369	Week 6 up vs Week 1
10422280	NM_001033336 // Abcc4 // ATP-binding cassette, sub-family C (CFTR/MRP), member 4	Abcc4	7.05463E-08	2.00422	Week 6 up vs Week 1
10531994	NM_194336 // Mpa2l // macrophage activation 2 like // 5 E5 // 100702 /// NM_0010	Mpa2l	7.8647E-07	2.00556	Week 6 up vs Week 1
10343681	---		0.00041207	2.00655	Week 6 up vs Week 1
10489204	NM_009373 // Tgm2 // transglutaminase 2, C polypeptide // 2 H1|2 89.0 cM // 2181	Tgm2	0.000193519	2.00662	Week 6 up vs Week 1
10339123	---		0.00426306	2.00705	Week 6 up vs Week 1
10493907	NM_001018079 // Lce3f // late cornified envelope 3F // 3 F1 // 69520 /// ENSMUST	Lce3f	9.15038E-07	2.00752	Week 6 up vs Week 1
10485963	NM_181416 // Arhgap11a // Rho GTPase activating protein 11A // 2 E4 // 228482 //	Arhgap11a	6.85886E-05	2.00765	Week 6 up vs Week 1
10355456	NM_001005423 // Mreg // melanoregulin // 1 C3 // 381269 /// ENSMUST00000048860 /	Mreg	0.000216996	2.00772	Week 6 up vs Week 1
10582862	NM_027144 // Arhgef12 // Rho guanine nucleotide exchange factor (GEF) 12 // 9 B	Arhgef12	3.16751E-06	2.00785	Week 6 up vs Week 1
10608226			0.0131358	2.00942	Week 6 up vs Week 1
10416155	NM_001111028 // Kctd9 // potassium channel tetramerisation domain containing 9 /	Kctd9	3.06131E-07	2.01006	Week 6 up vs Week 1
10397645	NM_008152 // Gpr65 // G-protein coupled receptor 65 // 12 E // 14744 /// ENSMUST	Gpr65	4.58501E-09	2.01017	Week 6 up vs Week 1
10516213	NM_023423 // Akirin1 // akirin 1 // 4 D1 // 68050 /// ENSMUST00000102636 // Akir	Akirin1	1.4322E-06	2.01084	Week 6 up vs Week 1
10496580	NM_018734 // Gbp3 // guanylate binding protein 3 // 3 H1 // 55932 /// ENSMUST000	Gbp3	1.22812E-06	2.01093	Week 6 up vs Week 1
10564507	NM_001042592 // Arrdc4 // arrestin domain containing 4 // 7 D1 // 66412 /// NM_0	Arrdc4	2.85709E-06	2.01137	Week 6 up vs Week 1
10428707	NM_008216 // Has2 // hyaluronan synthase 2 // 15 D1|15 31.2 cM // 15117 /// ENSM	Has2	0.00098218	2.01228	Week 6 up vs Week 1
10538352	---		4.7047E-10	2.01334	Week 6 up vs Week 1
10543031	NM_015829 // Slc25a13 // solute carrier family 25 (mitochondrial carrier, adenin	Slc25a13	3.34406E-05	2.01396	Week 6 up vs Week 1
10565401	NM_016770 // Folh1 // folate hydrolase // 7 D1-D2 // 53320 /// NM_001159706 // F	Folh1	1.84676E-06	2.01399	Week 6 up vs Week 1
10340899	---		0.00188828	2.01435	Week 6 up vs Week 1
10388254	NM_023113 // Aspa // aspartoacylase // 11 B4 // 11484 /// ENSMUST00000021119 //	Aspa	4.88952E-09	2.01442	Week 6 up vs Week 1
10340245	---		1.0133E-07	2.01456	Week 6 up vs Week 1
10338851	---		2.77076E-06	2.01472	Week 6 up vs Week 1
10340352	---		7.37551E-05	2.01528	Week 6 up vs Week 1
10343947	---		5.50229E-05	2.01528	Week 6 up vs Week 1
10368030	NM_001033432 // Heca // headcase homolog (Drosophila) // 10 A2-A3 // 380629 ///	Heca	1.74833E-09	2.01658	Week 6 up vs Week 1
10443764	NM_153062 // Slc37a1 // solute carrier family 37 (glycerol-3-phosphate transport	Slc37a1	6.03612E-07	2.01682	Week 6 up vs Week 1
10345752	NM_010555 // Il1r2 // interleukin 1 receptor, type II // 1 B|1 19.5 cM // 16178	Il1r2	8.88429E-05	2.0169	Week 6 up vs Week 1
10340110	---		0.00728829	2.01691	Week 6 up vs Week 1
10512766	NM_029077 // Trim14 // tripartite motif-containing 14 // 4 B2 // 74735 /// ENSMU	Trim14	8.17148E-07	2.01762	Week 6 up vs Week 1
10354494	NM_008667 // Nab1 // Ngfi-A binding protein 1 // 1 C1.1|1 27.0 cM // 17936 /// E	Nab1	7.19563E-09	2.01809	Week 6 up vs Week 1
10532857	NM_019821 // Gltp // glycolipid transfer protein // 5 F // 56356 /// ENSMUST0000	Gltp	5.21733E-07	2.01832	Week 6 up vs Week 1
10490061	NM_029815 // Bcas1 // breast carcinoma amplified sequence 1 // 2 H3 // 76960 ///	Bcas1	0.00100522	2.01875	Week 6 up vs Week 1
10548656	X63004 // Prpmp5 // proline-rich protein MP5 // 6 G1 // 381832 /// X63004 // Prp	Prpmp5	0.00355509	2.01914	Week 6 up vs Week 1
10429387	NM_023587 // Ptplb // protein tyrosine phosphatase-like (proline instead of cata	Ptplb	0.00150986	2.01963	Week 6 up vs Week 1
10569038	NM_178381 // Ano9 // anoctamin 9 // 7 F5 // 71345	Ano9	3.01226E-06	2.02148	Week 6 up vs Week 1
10455961	NM_001146275 // Iigp1 // interferon inducible GTPase 1 // 18 D3 // 60440 /// NM_	Iigp1	2.35379E-07	2.02213	Week 6 up vs Week 1
10492330	NM_008772 // P2ry1 // purinergic receptor P2Y, G-protein coupled 1 // 3 D // 184	P2ry1	3.19439E-09	2.02284	Week 6 up vs Week 1
10518350	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	6.6735E-06	2.02287	Week 6 up vs Week 1
10598023	---		0.000402063	2.02418	Week 6 up vs Week 1
10423825	NM_008056 // Fzd6 // frizzled homolog 6 (Drosophila) // 15 B3.1|15 13.1 cM // 14	Fzd6	1.8017E-06	2.02445	Week 6 up vs Week 1
10582888	---		1.04214E-05	2.02514	Week 6 up vs Week 1
10363498	NM_026438 // Ppa1 // pyrophosphatase (inorganic) 1 // 10 B4|10 36.0 cM // 67895	Ppa1	0.000178339	2.02554	Week 6 up vs Week 1
10474355	BC141310 // Dcdc5 // doublecortin domain containing 5 // 2 E3 // 329482 /// ENSM	Dcdc5	3.2708E-07	2.02644	Week 6 up vs Week 1
10516765	NM_172702 // Serinc2 // serine incorporator 2 // 4 D2.2 // 230779 /// BC031720 /	Serinc2	2.60333E-05	2.02688	Week 6 up vs Week 1
10562637	NM_172301 // Ccnb1 // cyclin B1 // 13 D1 // 268697 /// ENSMUST00000072119 // Ccn	Ccnb1	0.000250525	2.02691	Week 6 up vs Week 1
10341863	---		2.02343E-05	2.02842	Week 6 up vs Week 1
10395414	NM_178767 // Tmem195 // transmembrane protein 195 // 12 A3 // 319660 /// ENSMUST	Tmem195	6.24995E-05	2.02908	Week 6 up vs Week 1
10343988	---		2.71337E-05	2.03029	Week 6 up vs Week 1
10341356	---		2.92319E-06	2.03073	Week 6 up vs Week 1
10341118	---		2.88025E-05	2.03169	Week 6 up vs Week 1
10343785	---		1.66757E-06	2.03284	Week 6 up vs Week 1
10459389	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	2.42734E-06	2.03331	Week 6 up vs Week 1
10341508	---		1.01482E-06	2.03432	Week 6 up vs Week 1
10356886	NM_172658 // Slco4c1 // solute carrier organic anion transporter family, member	Slco4c1	0.000112313	2.03509	Week 6 up vs Week 1
10446224	NM_177638 // Crb3 // crumbs homolog 3 (Drosophila) // 17 D // 224912 /// ENSMUST	Crb3	4.46718E-08	2.03566	Week 6 up vs Week 1
10339533	---		2.42582E-05	2.03626	Week 6 up vs Week 1
10338302	---		5.63666E-05	2.03738	Week 6 up vs Week 1
10518352	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	2.65217E-06	2.03806	Week 6 up vs Week 1
10440647	NM_018778 // Cldn8 // claudin 8 // 16 C3.3 // 54420 /// ENSMUST00000049697 // Cl	Cldn8	2.78976E-06	2.03982	Week 6 up vs Week 1
10580469	NM_019626 // Cbln1 // cerebellin 1 precursor protein // 8 C3|8 40.0 cM // 12404	Cbln1	0.000566796	2.04	Week 6 up vs Week 1
10432907	NM_212487 // Krt78 // keratin 78 // 15 F3 // 332131 /// ENSMUST00000062260 // Kr	Krt78	8.63904E-05	2.04127	Week 6 up vs Week 1
10527559	NM_009087 // Polr1d // polymerase (RNA) I polypeptide D // 5 G3 // 20018 /// ENS	Polr1d	1.88698E-07	2.04189	Week 6 up vs Week 1
10573954	ENSMUST00000104947 // Capns2 // calpain, small subunit 2 // 8 C5 // 69543	Capns2	0.000052792	2.04418	Week 6 up vs Week 1

10486197	NM_145530 // Rhov // ras homolog gene family, member V // 2 E5 // 228543 /// ENS	Rhov	3.95598E-05	2.04493	Week 6 up vs Week 1
10525158	NR_003507 // Oas1b // 2'-5' oligoadenylate synthetase 1B // 5 F|5 67.0 cM // 239	Oas1b	1.63271E-08	2.04761	Week 6 up vs Week 1
10464754	NM_007485 // Rhod // ras homolog gene family, member D // 19 A // 11854 /// ENSM	Rhod	0.000100797	2.04886	Week 6 up vs Week 1
10390691	NM_145434 // Nr1d1 // nuclear receptor subfamily 1, group D, member 1 // 11 D //	Nr1d1	1.56202E-07	2.04907	Week 6 up vs Week 1
10343503	---		1.40045E-08	2.0517	Week 6 up vs Week 1
10385083	NM_146017 // Gabrp // gamma-aminobutyric acid (GABA) A receptor, pi // 11 A4 //	Gabrp	0.000757846	2.05408	Week 6 up vs Week 1
10584458	NM_146787 // Olfr920 // olfactory receptor 920 // --- // 258783 /// ENSMUST00000	Olfr920	7.97894E-08	2.05413	Week 6 up vs Week 1
10361133	---		2.32557E-08	2.05527	Week 6 up vs Week 1
10497441	NM_013755 // Gyg // glycogenin // 3 A2|3 12.5 cM // 27357 /// ENSMUST00000118015	Gyg	0.00170617	2.05651	Week 6 up vs Week 1
10473022	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// EN	Plp2	0.000199454	2.05699	Week 6 up vs Week 1
10472162	NM_010274 // Gpd2 // glycerol phosphate dehydrogenase 2, mitochondrial // 2 C1.1	Gpd2	1.51917E-07	2.05741	Week 6 up vs Week 1
10343718	---		0.00231913	2.05796	Week 6 up vs Week 1
10373467	NM_010153 // Erbb3 // v-erb-b2 erythroblastic leukemia viral oncogene homolog 3	Erbb3	3.96007E-05	2.05849	Week 6 up vs Week 1
10341974	---		0.0137794	2.06139	Week 6 up vs Week 1
10599207	NM_001085497 // Slc25a43 // solute carrier family 25, member 43 // X A3.3 // 194	Slc25a43	7.66682E-09	2.06214	Week 6 up vs Week 1
10509965	NM_010139 // Epha2 // Eph receptor A2 // 4 D-E|4 73.2 cM // 13836 /// ENSMUST000	Epha2	2.11362E-05	2.06258	Week 6 up vs Week 1
10559095	NM_028801 // Muc5b // mucin 5, subtype B, tracheobronchial // 7 F5|7 69.01 cM //	Muc5b	4.09803E-09	2.06306	Week 6 up vs Week 1
10566525	NM_020024 // Taf10 // TAF10 RNA polymerase II, TATA box binding protein (TBP)-as	Taf10	6.63082E-10	2.06407	Week 6 up vs Week 1
10341402	---		9.98814E-05	2.06519	Week 6 up vs Week 1
10431659	NM_001109040 // Kif21a // kinesin family member 21A // 15 E3|15 55.1 cM // 16564	Kif21a	0.000289546	2.06551	Week 6 up vs Week 1
10552252	NM_001085385 // 1600014C10Rik // RIKEN cDNA 1600014C10 gene // 7 B1 // 72244 ///	1600014C10Rik	0.00023401	2.06657	Week 6 up vs Week 1
10430723	AJ006341 // Slc25a17 // solute carrier family 25 (mitochondrial carrier, peroxis	Slc25a17	4.90313E-07	2.06768	Week 6 up vs Week 1
10595000	NM_016963 // Tmod3 // tropomodulin 3 // 9 D|9 38.0 cM // 50875 /// ENSMUST000000	Tmod3	2.59126E-07	2.06789	Week 6 up vs Week 1
10608352	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	0.00730453	2.06798	Week 6 up vs Week 1
10595793	NM_007502 // Atp1b3 // ATPase, Na+/K+ transporting, beta 3 polypeptide // 9 E3.3	Atp1b3	8.28342E-08	2.06822	Week 6 up vs Week 1
10338885	---		1.17037E-08	2.06832	Week 6 up vs Week 1
10343652	---		0.00220959	2.06889	Week 6 up vs Week 1
10502224	NM_028943 // Sgms2 // sphingomyelin synthase 2 // 3 G3 // 74442 /// ENSMUST00000	Sgms2	1.60335E-05	2.06892	Week 6 up vs Week 1
10404359	NM_153546 // Mboat1 // membrane bound O-acyltransferase domain containing 1 // 1	Mboat1	0.000045537	2.07215	Week 6 up vs Week 1
10583312	AK161656 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA polym	Taf1d	6.15304E-07	2.07281	Week 6 up vs Week 1
10377588	NM_009235 // Sox15 // SRY-box containing gene 15 // 11 B3|11 39.0 cM // 20670 //	Sox15	1.19786E-05	2.07328	Week 6 up vs Week 1
10552480	NM_019974 // Klk11 // kallikrein related-peptidase 11 // 7 B4 // 56538 /// ENSMU	Klk11	1.97462E-05	2.07389	Week 6 up vs Week 1
10462866	NM_028760 // Cep55 // centrosomal protein 55 // 19 C3 // 74107 /// ENSMUST000001	Cep55	5.54404E-06	2.07397	Week 6 up vs Week 1
10435383	NM_023587 // Ptplb // protein tyrosine phosphatase-like (proline instead of cata	Ptplb	0.000102404	2.07399	Week 6 up vs Week 1
10458195	NM_009860 // Cdc25c // cell division cycle 25 homolog C (S. pombe) // 18 B1|18 1	Cdc25c	8.32138E-06	2.0751	Week 6 up vs Week 1
10411804	ENSMUST00000099202 // Mast4 // microtubule associated serine/threonine kinase fa	Mast4	1.07528E-06	2.07559	Week 6 up vs Week 1
10339033	---		3.31491E-05	2.07636	Week 6 up vs Week 1
10469774	NM_027163 // Il1f8 // interleukin 1 family, member 8 // 2 A3|2 10.3 cM // 69677	Il1f8	2.12717E-08	2.07813	Week 6 up vs Week 1
10340240	---		0.00144408	2.07907	Week 6 up vs Week 1
10339543	---		0.000768231	2.08043	Week 6 up vs Week 1
10339426	---		9.71559E-08	2.08146	Week 6 up vs Week 1
10340027	---		1.68051E-07	2.08206	Week 6 up vs Week 1
10568714	NM_001081117 // Mki67 // antigen identified by monoclonal antibody Ki 67 // 7 F3	Mki67	0.000640415	2.08249	Week 6 up vs Week 1
10510172	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	6.78244E-06	2.08319	Week 6 up vs Week 1
10527920	NM_020010 // Cyp51 // cytochrome P450, family 51 // 5 A2|5 1.2 cM // 13121 /// E	Cyp51	0.00103851	2.08438	Week 6 up vs Week 1
10602068	NM_011845 // Mid2 // midline 2 // X F1|X 60.5 cM // 23947 /// ENSMUST00000112990	Mid2	5.37296E-07	2.08816	Week 6 up vs Week 1
10438854	NM_172613 // Atp13a4 // ATPase type 13A4 // 16 B2 // 224079 /// BC048410 // Atp1	Atp13a4	9.17587E-05	2.08832	Week 6 up vs Week 1
10555785	NM_001011793 // Olfr598 // olfactory receptor 598 // 7 E3 // 257975 /// ENSMUST0	Olfr598	5.28876E-06	2.08837	Week 6 up vs Week 1
10483353	NM_009135 // Scn7a // sodium channel, voltage-gated, type VII, alpha // 2 C1.3|2	Scn7a	0.000261465	2.09085	Week 6 up vs Week 1
10338141	---		0.000515294	2.091	Week 6 up vs Week 1
10349661	NM_145509 // 5430435G22Rik // RIKEN cDNA 5430435G22 gene // 1 E4 // 226421 /// E	5430435G22Rik	6.83554E-06	2.09331	Week 6 up vs Week 1
10338933	---		0.000439979	2.09373	Week 6 up vs Week 1
10339942	---		0.00392172	2.09462	Week 6 up vs Week 1
10341477	---		6.86487E-05	2.09526	Week 6 up vs Week 1
10582069	NM_028725 // Sdr42e1 // short chain dehydrogenase/reductase family 42E, member 1	Sdr42e1	8.92095E-05	2.09546	Week 6 up vs Week 1
10608697	---		8.80534E-06	2.09631	Week 6 up vs Week 1
10344750	NM_133220 // Sgk3 // serum/glucocorticoid regulated kinase 3 // 1 A2|1 7.5 cM //	Sgk3	0.000538766	2.09762	Week 6 up vs Week 1
10469793	NM_019450 // Il1f6 // interleukin 1 family, member 6 // 2 A3|2 10.2 cM // 54448	Il1f6	9.33227E-09	2.09875	Week 6 up vs Week 1
10359422	NM_007453 // Prdx6 // peroxiredoxin 6 // 1 H2.1|1 83.6 cM // 11758 /// ENSMUST00	Prdx6	7.38179E-05	2.10087	Week 6 up vs Week 1
10385236	NM_009658 // Akr1b3 // aldo-keto reductase family 1, member B3 (aldose reductase	Akr1b3	1.18595E-06	2.10142	Week 6 up vs Week 1
10343620	---		0.000131886	2.10189	Week 6 up vs Week 1
10538275	NM_010903 // Nfe2l3 // nuclear factor, erythroid derived 2, like 3 // 6 B3|6 25.	Nfe2l3	1.8532E-06	2.10236	Week 6 up vs Week 1
10415784	NM_023233 // Trim13 // tripartite motif-containing 13 // 14 D1 // 66597 /// ENSM	Trim13	0.000010799	2.10281	Week 6 up vs Week 1
10522051	NM_008453 // Klf3 // Kruppel-like factor 3 (basic) // 5 C3.1 // 16599 /// DQ9818	Klf3	3.67908E-07	2.10335	Week 6 up vs Week 1
10605437	NM_145629 // Pls3 // plastin 3 (T-isoform) // X A7.3 // 102866 /// ENSMUST000000	Pls3	1.51663E-06	2.10393	Week 6 up vs Week 1

10338232	---		1.24387E-05	2.10657	Week 6 up vs Week 1
10462554	NM_172837 // Lipk // lipase, family member K // 19 C1 // 240633 /// BC055815 //	Lipk	1.9214E-06	2.10695	Week 6 up vs Week 1
10366266	NM_054056 // Pawr // PRKC, apoptosis, WT1, regulator // 10 D1 // 114774 /// ENSM	Pawr	9.38932E-10	2.107	Week 6 up vs Week 1
10344024	---		1.23629E-05	2.10729	Week 6 up vs Week 1
10338229	---		0.000834725	2.11016	Week 6 up vs Week 1
10396645	NM_178744 // Zbtb1 // zinc finger and BTB domain containing 1 // 12 C3 // 268564	Zbtb1	3.03179E-07	2.11107	Week 6 up vs Week 1
10587383	NM_153098 // Cd109 // CD109 antigen // 9 E1 // 235505 /// ENSMUST00000093812 //	Cd109	0.000782232	2.11141	Week 6 up vs Week 1
10489107	NM_018851 // Samhd1 // SAM domain and HD domain, 1 // 2 H2 // 56045 /// NM_00113	Samhd1	1.93635E-08	2.11184	Week 6 up vs Week 1
10341600	---		0.000294704	2.11202	Week 6 up vs Week 1
10605338	NM_008062 // G6pdx // glucose-6-phosphate dehydrogenase X-linked // X A2-A3|X 30	G6pdx	8.87112E-05	2.11378	Week 6 up vs Week 1
10340553	---		1.01512E-05	2.11383	Week 6 up vs Week 1
10517609	NM_028176 // Cda // cytidine deaminase // 4 D3 // 72269 /// ENSMUST00000030535 /	Cda	2.85533E-06	2.11576	Week 6 up vs Week 1
10354370	---		1.58E-13	2.11803	Week 6 up vs Week 1
10340745	---		1.13989E-05	2.12146	Week 6 up vs Week 1
10342968	---		0.000501878	2.12357	Week 6 up vs Week 1
10490815	XR_031642 // Gm5841 // predicted gene 5841 // 3 A1 // 545500	Gm5841	7.13223E-07	2.12365	Week 6 up vs Week 1
10523595	NM_011204 // Ptpn13 // protein tyrosine phosphatase, non-receptor type 13 // 5 E	Ptpn13	3.92601E-06	2.12367	Week 6 up vs Week 1
10343467	---		0.0120069	2.12516	Week 6 up vs Week 1
10461160	---		1.08901E-08	2.12549	Week 6 up vs Week 1
10385526	NM_173434 // 9930111J21Rik // RIKEN cDNA 9930111J21 gene // 11 B1.2 // 245240 //	9930111J21Rik	2.03451E-08	2.12637	Week 6 up vs Week 1
10411668	NM_008756 // Ocln // occludin // 13 D1|13 55.9 cM // 18260 /// ENSMUST0000006975	Ocln	5.7555E-07	2.12779	Week 6 up vs Week 1
10339247	---		7.04889E-05	2.12828	Week 6 up vs Week 1
10338275	---		5.8965E-06	2.12888	Week 6 up vs Week 1
10343213	---		5.41906E-05	2.12969	Week 6 up vs Week 1
10341731	---		2.08698E-08	2.13084	Week 6 up vs Week 1
10530819	NM_175606 // Hopx // HOP homeobox // 5 C3.3 // 74318 /// NM_001159900 // Hopx //	Hopx	0.000311122	2.1316	Week 6 up vs Week 1
10608719	---		0.00145719	2.13527	Week 6 up vs Week 1
10376803	NM_178618 // Fam83g // family with sequence similarity 83, member G // 11 B2 //	Fam83g	8.03136E-06	2.1387	Week 6 up vs Week 1
10506583	NM_177667 // Ttc22 // tetratricopeptide repeat domain 22 // 4 C7 // 230576 /// E	Ttc22	2.59453E-05	2.13883	Week 6 up vs Week 1
10608410	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.0208196	2.13939	Week 6 up vs Week 1
10341351	---		2.95999E-06	2.14048	Week 6 up vs Week 1
10463997	NM_011050 // Pdcd4 // programmed cell death 4 // 19 D2|19 20.0 cM // 18569 /// E	Pdcd4	6.43404E-06	2.14088	Week 6 up vs Week 1
10341909	---		0.000106246	2.14105	Week 6 up vs Week 1
10478114	NM_001145015 // Gm14203 // predicted gene 14203 // 2 H1 // 545481 /// ENSMUST000	Gm14203	6.09227E-08	2.14117	Week 6 up vs Week 1
10591643	NM_031874 // Rab3d // RAB3D, member RAS oncogene family // 9 A2-A3 // 19340 ///	Rab3d	0.000184236	2.14214	Week 6 up vs Week 1
10432886	NM_008475 // Krt4 // keratin 4 // 15 F3|15 58.84 cM // 16682 /// ENSMUST00000023	Krt4	0.00336459	2.14235	Week 6 up vs Week 1
10338118	---		0.000234159	2.14254	Week 6 up vs Week 1
10391066	NM_010663 // Krt17 // keratin 17 // 11 D|11 58.7 cM // 16667 /// ENSMUST00000080	Krt17	0.00262416	2.1429	Week 6 up vs Week 1
10549633	AK006430 // Cdc42ep5 // CDC42 effector protein (Rho GTPase binding) 5 // 7 A1 //	Cdc42ep5	1.569E-12	2.14309	Week 6 up vs Week 1
10342495	---		1.6567E-07	2.14371	Week 6 up vs Week 1
10342767	---		2.35776E-07	2.14423	Week 6 up vs Week 1
10340824	---		4.0534E-08	2.14437	Week 6 up vs Week 1
10517067	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	0.00323301	2.1452	Week 6 up vs Week 1
10465314	NM_007600 // Capn1 // calpain 1 // 19 A|19 3.0 cM // 12333 /// NM_001110504 // C	Capn1	7.19811E-06	2.14574	Week 6 up vs Week 1
10466947	NM_001081213 // Ermp1 // endoplasmic reticulum metallopeptidase 1 // 19 C1|19 24	Ermp1	1.10222E-05	2.14683	Week 6 up vs Week 1
10386756	---		0.000103136	2.14862	Week 6 up vs Week 1
10387648	NM_001033433 // Tmem102 // transmembrane protein 102 // 11 B3 // 380705 /// NR_0	Tmem102	7.76371E-08	2.14955	Week 6 up vs Week 1
10457357	NM_001081287 // Mpp7 // membrane protein, palmitoylated 7 (MAGUK p55 subfamily m	Mpp7	0.000172607	2.1524	Week 6 up vs Week 1
10440284	BC020029 // 4930453N24Rik // RIKEN cDNA 4930453N24 gene // 16 C1.3 // 67609 ///	4930453N24Rik	7.57347E-07	2.15371	Week 6 up vs Week 1
10405587	NM_009369 // Tgfbi // transforming growth factor, beta induced // 13 38.0 cM //	Tgfbi	0.00141588	2.15473	Week 6 up vs Week 1
10558880	NM_133191 // Eps8l2 // EPS8-like 2 // 7 F5 // 98845 /// ENSMUST00000026577 // Ep	Eps8l2	0.000120558	2.15489	Week 6 up vs Week 1
10345762	NM_008362 // Il1r1 // interleukin 1 receptor, type I // 1 B|1 19.5 cM // 16177 /	Il1r1	1.00644E-07	2.15615	Week 6 up vs Week 1
10338210	---		2.31515E-06	2.1577	Week 6 up vs Week 1
10403303	NM_013778 // Akr1c13 // aldo-keto reductase family 1, member C13 // 13 A1 // 273	Akr1c13	4.67507E-08	2.15894	Week 6 up vs Week 1
10338391	---		9.0025E-09	2.15942	Week 6 up vs Week 1
10608523	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.0243004	2.1618	Week 6 up vs Week 1
10596637	NM_178907 // Mapkapk3 // mitogen-activated protein kinase-activated protein kina	Mapkapk3	1.65063E-05	2.16206	Week 6 up vs Week 1
10349872	---		1.47971E-07	2.16268	Week 6 up vs Week 1
10516484	NM_008126 // Gjb3 // gap junction protein, beta 3 // 4 D2.2|4 58.0 cM // 14620 /	Gjb3	0.000367441	2.16276	Week 6 up vs Week 1
10341290	---		2.64194E-05	2.16385	Week 6 up vs Week 1
10389025	NM_177390 // Myo1d // myosin ID // 11 B5|11 46.0 cM // 338367 /// ENSMUST0000004	Myo1d	3.95479E-09	2.16388	Week 6 up vs Week 1
10523717	NM_009263 // Spp1 // secreted phosphoprotein 1 // 5 E5|5 56.0 cM // 20750 /// EN	Spp1	0.00279961	2.16424	Week 6 up vs Week 1
10565705	NM_011010 // Omp // olfactory marker protein // 7 E2|7 48.0 cM // 18378 /// ENSM	Omp	1.16608E-06	2.16493	Week 6 up vs Week 1
10429772	NM_144848 // Eppk1 // epiplakin 1 // 15 D3 // 223650 /// AY312170 // Eppk1 // ep	Eppk1	4.11588E-06	2.1651	Week 6 up vs Week 1
10458340	NM_010415 // Hbegf // heparin-binding EGF-like growth factor // 18 B2|18 15.0 cM	Hbegf	1.09352E-06	2.16554	Week 6 up vs Week 1

10376326	NM_019440 // Irgm2 // immunity-related GTPase family M member 2 // 11 B1.3 // 54	Irgm2	3.53508E-09	2.1668	Week 6 up vs Week 1
10342997	---		0.000012173	2.16683	Week 6 up vs Week 1
10455813	NM_010721 // Lmnb1 // lamin B1 // 18 D3|18 29.0 cM // 16906 /// ENSMUST000000254	Lmnb1	7.62595E-05	2.1669	Week 6 up vs Week 1
10582997	NM_007609 // Casp4 // caspase 4, apoptosis-related cysteine peptidase // 9 A1|9	Casp4	9.79724E-09	2.1673	Week 6 up vs Week 1
10603116	NM_026853 // Asb11 // ankyrin repeat and SOCS box-containing 11 // X F5 // 68854	Asb11	1.82462E-06	2.16759	Week 6 up vs Week 1
10535524	NM_033039 // Ocm // oncomodulin // 5 G1-3|5 84.0 cM // 18261	Ocm	0.000852742	2.16764	Week 6 up vs Week 1
10482500	NM_028810 // Rnd3 // Rho family GTPase 3 // 2 C1.1 // 74194 /// ENSMUST000000172	Rnd3	2.14461E-05	2.16796	Week 6 up vs Week 1
10474312	NM_013627 // Pax6 // paired box gene 6 // 2 E3|2 58.0 cM // 18508 /// ENSMUST000	Pax6	0.000183913	2.1688	Week 6 up vs Week 1
10341880	---		5.27076E-09	2.16928	Week 6 up vs Week 1
10351224	NM_007976 // F5 // coagulation factor V // 1 H2.2|1 86.6 cM // 14067 /// ENSMUST	F5	3.96888E-09	2.16965	Week 6 up vs Week 1
10339950	---		0.000232513	2.17012	Week 6 up vs Week 1
10389151	NM_181542 // Slfn10 // schlafen 10 // 11 C // 237887 /// NM_181545 // Slfn8 // s	Slfn10	1.702E-12	2.17174	Week 6 up vs Week 1
10385513	NM_173434 // 9930111J21Rik // RIKEN cDNA 9930111J21 gene // 11 B1.2 // 245240 //	9930111J21Rik	5.66138E-08	2.17231	Week 6 up vs Week 1
10513406	NM_021053 // Slc46a2 // solute carrier family 46, member 2 // 4 B3|4 32.0 cM //	Slc46a2	3.9727E-07	2.17293	Week 6 up vs Week 1
10551226	NM_009997 // Cyp2a4 // cytochrome P450, family 2, subfamily a, polypeptide 4 //	Cyp2a4	0.00642474	2.17474	Week 6 up vs Week 1
10598062	---		0.000601433	2.17644	Week 6 up vs Week 1
10346874	---		1.3279E-11	2.17687	Week 6 up vs Week 1
10493803	NM_011310 // S100a3 // S100 calcium binding protein A3 // 3 F1-F2|3 43.6 cM // 2	S100a3	6.23271E-05	2.17731	Week 6 up vs Week 1
10562856	NM_028021 // Myh14 // myosin, heavy polypeptide 14 // 7 B2 // 71960 /// ENSMUST0	Myh14	5.05477E-05	2.17827	Week 6 up vs Week 1
10343271	---		2.90442E-09	2.17929	Week 6 up vs Week 1
10338582	---		0.00107271	2.18063	Week 6 up vs Week 1
10338085	---		9.66149E-06	2.18636	Week 6 up vs Week 1
10344020	---		5.19091E-09	2.18678	Week 6 up vs Week 1
10343950	---		4.42328E-05	2.18725	Week 6 up vs Week 1
10342421	---		0.00031022	2.18788	Week 6 up vs Week 1
10595924	NM_029094 // Pik3cb // phosphatidylinositol 3-kinase, catalytic, beta polypeptid	Pik3cb	4.0704E-06	2.18928	Week 6 up vs Week 1
10338796	---		3.71968E-10	2.18963	Week 6 up vs Week 1
10340033	---		1.14037E-05	2.19269	Week 6 up vs Week 1
10338325	---		3.95091E-05	2.19281	Week 6 up vs Week 1
10342870	---		0.000023854	2.19334	Week 6 up vs Week 1
10378068	NM_001037713 // Xaf1 // XIAP associated factor 1 // 11 B4 // 327959 /// ENSMUST0	Xaf1	8.63297E-07	2.19351	Week 6 up vs Week 1
10560672	NM_023224 // Cblc // Casitas B-lineage lymphoma c // 7 A3 // 80794 /// NM_001161	Cblc	1.91916E-05	2.19535	Week 6 up vs Week 1
10338434	---		5.76671E-05	2.19985	Week 6 up vs Week 1
10360382	NM_008329 // Ifi204 // interferon activated gene 204 // 1 H3|1 95.2 cM // 15951	Ifi204	6.19008E-08	2.19997	Week 6 up vs Week 1
10424676	NM_008529 // Ly6e // lymphocyte antigen 6 complex, locus E // 15 D3|15 41.7 cM /	Ly6e	2.37492E-05	2.20076	Week 6 up vs Week 1
10344400	---		2.0284E-07	2.2012	Week 6 up vs Week 1
10368227	NM_180600 // Ube2q2 // ubiquitin-conjugating enzyme E2Q (putative) 2 // 9 B // 1	Ube2q2	1.59138E-05	2.20172	Week 6 up vs Week 1
10462618	NM_010501 // Ifit3 // interferon-induced protein with tetratricopeptide repeats	Ifit3	4.95477E-05	2.20265	Week 6 up vs Week 1
10428443	NM_026200 // Kcnv1 // potassium channel, subfamily V, member 1 // 15 D1 // 67498	Kcnv1	1.09442E-09	2.20353	Week 6 up vs Week 1
10344136	---		0.000562816	2.20391	Week 6 up vs Week 1
10338467	---		6.84318E-06	2.20403	Week 6 up vs Week 1
10365830	---		6.29185E-05	2.2048	Week 6 up vs Week 1
10511498	NM_175175 // Plekhf2 // pleckstrin homology domain containing, family F (with FY	Plekhf2	5.6631E-06	2.2069	Week 6 up vs Week 1
10607865	NM_021278 // Tmsb4x // thymosin, beta 4, X chromosome // X F5|X 72.5 cM // 19241	Tmsb4x	3.5108E-06	2.21246	Week 6 up vs Week 1
10339235	---		2.35586E-06	2.21318	Week 6 up vs Week 1
10608330	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.0114064	2.21428	Week 6 up vs Week 1
10338113	---		0.00211006	2.21463	Week 6 up vs Week 1
10345406	---		1.48223E-05	2.2177	Week 6 up vs Week 1
10339743	---		0.00148197	2.21918	Week 6 up vs Week 1
10416371	NM_175116 // Lpar6 // lysophosphatidic acid receptor 6 // 14 D3 // 67168 /// ENS	Lpar6	5.50435E-06	2.22052	Week 6 up vs Week 1
10492824	---		1.50086E-10	2.22369	Week 6 up vs Week 1
10451287	NM_015783 // Isg15 // ISG15 ubiquitin-like modifier // 4 E2|4 // 100038882 /// E	Isg15	2.60311E-08	2.22384	Week 6 up vs Week 1
10603346	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// NM	Plp2	5.98926E-05	2.22509	Week 6 up vs Week 1
10344372	---		0.0029843	2.22541	Week 6 up vs Week 1
10339909	---		0.00241931	2.22617	Week 6 up vs Week 1
10582896	---		2.21121E-05	2.22867	Week 6 up vs Week 1
10390860	NM_033373 // Krt23 // keratin 23 // 11 D // 94179 /// ENSMUST00000006969 // Krt2	Krt23	5.65565E-06	2.23109	Week 6 up vs Week 1
10605051	NM_011907 // Trex2 // three prime repair exonuclease 2 // X A6 // 24102 /// ENSM	Trex2	5.17716E-06	2.23596	Week 6 up vs Week 1
10393373	NM_011371 // St6galnac1 // ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,	St6galnac1	0.000412125	2.23896	Week 6 up vs Week 1
10461158	AK051045 // Snhg1 // small nucleolar RNA host gene (non-protein coding) 1 // 19	Snhg1	7.25613E-08	2.23944	Week 6 up vs Week 1
10496737	NM_009740 // Bcl10 // B-cell leukemia/lymphoma 10 // 3 H3 // 12042 /// ENSMUST00	Bcl10	1.89187E-09	2.23956	Week 6 up vs Week 1
10404700	NM_145441 // Ubxn2a // UBX domain protein 2A // 12 A1.1 // 217379 /// ENSMUST000	Ubxn2a	8.5654E-11	2.24122	Week 6 up vs Week 1
10432785	NM_027011 // Krt5 // keratin 5 // 15 F2|15 58.79 cM // 110308 /// ENSMUST0000002	Krt5	0.000111429	2.24123	Week 6 up vs Week 1
10531261	NM_028478 // Rassf6 // Ras association (RalGDS/AF-6) domain family member 6 // 5	Rassf6	5E-15	2.2487	Week 6 up vs Week 1
10415678	NM_026908 // Cab39l // calcium binding protein 39-like // 14 C3-D1 // 69008 ///	Cab39l	6.29345E-07	2.24957	Week 6 up vs Week 1

10359446	BC138379 // AI848100 // expressed sequence AI848100 // 1 H2.1 // 226551 /// ENSM	AI848100	6.32343E-06	2.24993	Week 6 up vs Week 1
10578771	NM_144731 // Galnt7 // UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylg	Galnt7	0.000125158	2.25007	Week 6 up vs Week 1
10420030	NM_011190 // Psme2 // proteasome (prosome, macropain) 28 subunit, beta // 14 C2-	Psme2	1.95408E-06	2.25144	Week 6 up vs Week 1
10341823	---		1.32156E-06	2.25665	Week 6 up vs Week 1
10608251	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// BC	LOC380994	0.0077469	2.25929	Week 6 up vs Week 1
10340558	---		8.50964E-06	2.26085	Week 6 up vs Week 1
10467907	NM_145502 // Erlin1 // ER lipid raft associated 1 // 19 C3 // 226144 /// ENSMUST	Erlin1	6.28472E-06	2.26116	Week 6 up vs Week 1
10401149	NM_013738 // Plek2 // pleckstrin 2 // 12 D2 // 27260 /// ENSMUST00000021544 // P	Plek2	1.08469E-06	2.26505	Week 6 up vs Week 1
10407435	NM_134066 // Akr1c18 // aldo-keto reductase family 1, member C18 // 13 A1 // 105	Akr1c18	0.000846487	2.26706	Week 6 up vs Week 1
10608464	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.00702353	2.26786	Week 6 up vs Week 1
10502613	NM_001033199 // AI747448 // expressed sequence AI747448 // 3 H2 // 99709 /// ENS	AI747448	3.5954E-07	2.26857	Week 6 up vs Week 1
10349562	NM_177604 // AA986860 // expressed sequence AA986860 // 1 E4 // 212439 /// ENSMU	AA986860	7.1397E-06	2.26926	Week 6 up vs Week 1
10499483	NM_134469 // Fdps // farnesyl diphosphate synthetase // 3 F1|3 42.6 cM // 110196	Fdps	0.00009425	2.26992	Week 6 up vs Week 1
10343233	---		4.09008E-07	2.2712	Week 6 up vs Week 1
10597182	BC157956 // Nbeal2 // neurobeachin-like 2 // 9 F2 // 235627 /// BC172118 // Nbea	Nbeal2	3.18087E-06	2.27129	Week 6 up vs Week 1
10586744	NM_007585 // Anxa2 // annexin A2 // 9 C|9 37.0 cM // 12306 /// ENSMUST0000003475	Anxa2	3.04246E-06	2.27137	Week 6 up vs Week 1
10487577	NM_181589 // Ckap2l // cytoskeleton associated protein 2-like // 2 F1 // 70466 /	Ckap2l	1.96365E-05	2.27171	Week 6 up vs Week 1
10342218	---		0.000474546	2.27192	Week 6 up vs Week 1
10511975	NM_011895 // Slc35a1 // solute carrier family 35 (CMP-sialic acid transporter),	Slc35a1	2.85965E-06	2.27341	Week 6 up vs Week 1
10343766	---		0.000146559	2.27391	Week 6 up vs Week 1
10450369	NM_010479 // Hspa1a // heat shock protein 1A // 17 B1 // 193740 /// ENSMUST00000	Hspa1a	9.41312E-05	2.28583	Week 6 up vs Week 1
10460782	NM_130453 // Gpha2 // glycoprotein hormone alpha 2 // 19 A // 170458 /// ENSMUST	Gpha2	0.00006687	2.28727	Week 6 up vs Week 1
10574415	ENSMUST00000065508 // 1700047G07Rik // RIKEN cDNA 1700047G07 gene // --- // 7332	1700047G07Rik	1.96874E-08	2.28791	Week 6 up vs Week 1
10480286	ENSMUST00000095134 // Nebl // nebulette // 2 A2 // 74103	Nebl	1.76931E-09	2.28811	Week 6 up vs Week 1
10578045	NM_178591 // Nrg1 // neuregulin 1 // 8 A3 // 211323 /// ENSMUST00000073884 // Nr	Nrg1	2.66115E-08	2.28885	Week 6 up vs Week 1
10578952	ENSMUST00000098713 // BC030870 // cDNA sequence BC030870 // --- // 407795	BC030870	5.45976E-06	2.29004	Week 6 up vs Week 1
10592585	NM_172769 // Sc5d // sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homo	Sc5d	7.65178E-06	2.29061	Week 6 up vs Week 1
10495405	NM_172685 // Slc25a24 // solute carrier family 25 (mitochondrial carrier, phosph	Slc25a24	4.3348E-06	2.29131	Week 6 up vs Week 1
10346191	NM_009283 // Stat1 // signal transducer and activator of transcription 1 // 1 C1	Stat1	8.94142E-07	2.29205	Week 6 up vs Week 1
10338754	---		2.00909E-10	2.29614	Week 6 up vs Week 1
10393197	NM_025276 // Evpl // envoplakin // 11 E1 // 14027 /// ENSMUST00000037007 // Evpl	Evpl	0.000261108	2.29656	Week 6 up vs Week 1
10494972	NM_001142959 // Bcl2l15 // BCLI2-like 15 // 3 F2.2 // 229672 /// NM_001142960 //	Bcl2l15	1.25389E-09	2.29806	Week 6 up vs Week 1
10458430	NM_007858 // Diap1 // diaphanous homolog 1 (Drosophila) // 18 B3|18 16.0 cM // 1	Diap1	2.44634E-08	2.29872	Week 6 up vs Week 1
10608539	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.00645467	2.2992	Week 6 up vs Week 1
10463803	NM_009289 // Slk // STE20-like kinase (yeast) // 19 D2 // 20874 /// ENSMUST00000	Slk	2.91299E-08	2.29925	Week 6 up vs Week 1
10399908	NM_011158 // Prkar2b // protein kinase, cAMP dependent regulatory, type II beta	Prkar2b	3.08351E-08	2.30181	Week 6 up vs Week 1
10608513	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.0195064	2.30356	Week 6 up vs Week 1
10526452	NM_027158 // 2310043J07Rik // RIKEN cDNA 2310043J07 gene // --- // 69665 /// ENS	2310043J07Rik	0.00236688	2.30458	Week 6 up vs Week 1
10411359	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// NM	Plp2	3.77554E-05	2.30478	Week 6 up vs Week 1
10598057	---		0.00124062	2.30833	Week 6 up vs Week 1
10344723	NM_021511 // Rrs1 // RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	Rrs1	5.78734E-07	2.30955	Week 6 up vs Week 1
10340207	---		1.61468E-06	2.31027	Week 6 up vs Week 1
10487405	NM_138750 // Prom2 // prominin 2 // 2 F1 // 192212 /// NM_178047 // Prom2 // pro	Prom2	0.000018389	2.31292	Week 6 up vs Week 1
10342690	---		0.000174049	2.31357	Week 6 up vs Week 1
10338769	---		5.77834E-10	2.31425	Week 6 up vs Week 1
10396402	NM_008856 // Prkch // protein kinase C, eta // 12 C3-D1 // 18755 /// ENSMUST0000	Prkch	1.02541E-07	2.3152	Week 6 up vs Week 1
10342150	---		1.03158E-05	2.32055	Week 6 up vs Week 1
10439268	NM_001013371 // Dtx3l // deltex 3-like (Drosophila) // 16 B3 // 209200 /// NM_03	Dtx3l	1.53857E-05	2.32065	Week 6 up vs Week 1
10481627	NM_008491 // Lcn2 // lipocalin 2 // 2 A3|2 27.0 cM // 16819 /// ENSMUST000000507	Lcn2	9.28551E-05	2.32073	Week 6 up vs Week 1
10486681	NM_028799 // Tgm5 // transglutaminase 5 // 2 E5 // 74176 /// ENSMUST00000028721	Tgm5	4.17162E-08	2.3208	Week 6 up vs Week 1
10461856	NM_008137 // Gna14 // guanine nucleotide binding protein, alpha 14 // 19 A-B|19	Gna14	2.91929E-06	2.32103	Week 6 up vs Week 1
10385500	NM_008326 // Irgm1 // immunity-related GTPase family M member 1 // 11 B1.2 // 15	Irgm1	5.9289E-06	2.32585	Week 6 up vs Week 1
10508917	NM_001162970 // Aim1l // absent in melanoma 1-like // 4 D3 // 230806 /// BC15073	Aim1l	3.76006E-06	2.32615	Week 6 up vs Week 1
10341761	---		8.59223E-08	2.32616	Week 6 up vs Week 1
10538413	NM_199143 // Znrf2 // zinc and ring finger 2 // 6 B3|6 26.0 cM // 387524 /// ENS	Znrf2	1.99665E-07	2.32721	Week 6 up vs Week 1
10608212	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.00807276	2.32724	Week 6 up vs Week 1
10464045	NM_027976 // Acsl5 // acyl-CoA synthetase long-chain family member 5 // 19 D2 //	Acsl5	1.15198E-06	2.3302	Week 6 up vs Week 1
10376060	NM_008390 // Irf1 // interferon regulatory factor 1 // 11 B1.3|11 29.0 cM // 163	Irf1	4.25637E-05	2.33434	Week 6 up vs Week 1
10464391	NM_010132 // Emx2 // empty spiracles homolog 2 (Drosophila) // 19 D3|19 53.5 cM	Emx2	5.42043E-10	2.3355	Week 6 up vs Week 1
10342422	---		3.56162E-06	2.33574	Week 6 up vs Week 1
10340393	---		5.88901E-07	2.33609	Week 6 up vs Week 1
10340438	---		1.17556E-06	2.33649	Week 6 up vs Week 1
10537722	NM_175408 // Tmem139 // transmembrane protein 139 // 6 B2.1 // 109218 /// ENSMUS	Tmem139	1.71515E-09	2.34096	Week 6 up vs Week 1
10587699	NM_011245 // Rasgrf1 // RAS protein-specific guanine nucleotide-releasing factor	Rasgrf1	0.000137063	2.34141	Week 6 up vs Week 1
10507551	BC022764 // 2610528J11Rik // RIKEN cDNA 2610528J11 gene // 4 D1 // 66451 /// ENS	2610528J11Rik	3.0209E-06	2.34253	Week 6 up vs Week 1

10343512	---		1.84933E-06	2.34287	Week 6 up vs Week 1
10382316	NM_010604 // Kcnj16 // potassium inwardly-rectifying channel, subfamily J, membe	Kcnj16	8.1571E-07	2.34356	Week 6 up vs Week 1
10601581	NM_001146007 // 9230105E10Rik // RIKEN cDNA 9230105E10 gene // 7 E3 // 319236 //	9230105E10Rik	6.75461E-10	2.34813	Week 6 up vs Week 1
10600093	NM_009549 // Zfp185 // zinc finger protein 185 // X A7.3|X 28.95 cM // 22673 ///	Zfp185	0.000121074	2.3482	Week 6 up vs Week 1
10391052	NM_016958 // Krt14 // keratin 14 // 11 D|11 58.6 cM // 16664 /// ENSMUST00000007	Krt14	0.000440463	2.34824	Week 6 up vs Week 1
10550972	NM_001102613 // Phldb3 // pleckstrin homology-like domain, family B, member 3 //	Phldb3	8.61047E-06	2.3493	Week 6 up vs Week 1
10489127	NM_011249 // Rbl1 // retinoblastoma-like 1 (p107) // 2 H1|2 92.0 cM // 19650 ///	Rbl1	1.93541E-05	2.35208	Week 6 up vs Week 1
10391207	NM_030150 // Dhx58 // DEXH (Asp-Glu-X-His) box polypeptide 58 // 11 D|11 61.5 cM	Dhx58	1.49344E-07	2.35253	Week 6 up vs Week 1
10341145	---		8.2044E-11	2.35593	Week 6 up vs Week 1
10342535	---		3.41611E-05	2.35645	Week 6 up vs Week 1
10354054	NM_026913 // Mitd1 // MIT, microtubule interacting and transport, domain contain	Mitd1	9.22964E-09	2.3593	Week 6 up vs Week 1
10358982	NM_008209 // Mr1 // major histocompatibility complex, class I-related // 1 H1 //	Mr1	3.06497E-06	2.36301	Week 6 up vs Week 1
10339345	---		6.17116E-05	2.36332	Week 6 up vs Week 1
10608492	BC099537 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	0.0126821	2.36425	Week 6 up vs Week 1
10458992	ENSMUST00000025488 // C330018D20Rik // RIKEN cDNA C330018D20 gene // 18 D3 // 77	C330018D20Rik	5.48681E-08	2.36752	Week 6 up vs Week 1
10546807	---		3.91828E-08	2.36753	Week 6 up vs Week 1
10445308	NM_018887 // Cyp39a1 // cytochrome P450, family 39, subfamily a, polypeptide 1 /	Cyp39a1	3.83574E-08	2.36849	Week 6 up vs Week 1
10341417	---		0.000510287	2.36931	Week 6 up vs Week 1
10543369	NM_153163 // Cadps2 // Ca2+-dependent activator protein for secretion 2 // 6 A3.	Cadps2	1.54245E-08	2.37273	Week 6 up vs Week 1
10608557	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.00413055	2.37605	Week 6 up vs Week 1
10499348	NM_024246 // Tmem79 // transmembrane protein 79 // 3 F1 // 71913 /// ENSMUST0000	Tmem79	1.01031E-06	2.37755	Week 6 up vs Week 1
10339556	---		1.03632E-06	2.37975	Week 6 up vs Week 1
10608438	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00874308	2.38122	Week 6 up vs Week 1
10467258	NM_001099634 // Myof // myoferlin // 19 C2 // 226101 /// ENSMUST00000041475 // M	Myof	1.0428E-08	2.38466	Week 6 up vs Week 1
10490845	NM_025519 // Chmp4c // chromatin modifying protein 4C // 3 A1 // 66371 /// BC117	Chmp4c	1.46561E-05	2.38564	Week 6 up vs Week 1
10495340	NM_025444 // Taf13 // TAF13 RNA polymerase II, TATA box binding protein (TBP)-as	Taf13	3.49E-13	2.38617	Week 6 up vs Week 1
10366546	NM_027468 // Cpm // carboxypeptidase M // 10 D2 // 70574 /// ENSMUST00000020399	Cpm	2.73328E-06	2.38734	Week 6 up vs Week 1
10338914	---		0.000014164	2.38817	Week 6 up vs Week 1
10565689	NM_007602 // Capn5 // calpain 5 // 7 E2 // 12337 /// ENSMUST00000040971 // Capn5	Capn5	1.27738E-05	2.39343	Week 6 up vs Week 1
10343533	---		0.00346382	2.39631	Week 6 up vs Week 1
10339072	---		6.8247E-06	2.39667	Week 6 up vs Week 1
10394471	NM_011519 // Sdc1 // syndecan 1 // 12 A1.1|12 1.0 cM // 20969 /// ENSMUST0000002	Sdc1	0.000803143	2.39958	Week 6 up vs Week 1
10450367	NM_010479 // Hspa1a // heat shock protein 1A // 17 B1 // 193740 /// NM_010478 //	Hspa1a	0.000149352	2.40256	Week 6 up vs Week 1
10608237	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.0104522	2.40337	Week 6 up vs Week 1
10608397	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.0104522	2.40337	Week 6 up vs Week 1
10608586	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.0104522	2.40337	Week 6 up vs Week 1
10608429	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.0051142	2.40491	Week 6 up vs Week 1
10446739	NM_030179 // Clip4 // CAP-GLY domain containing linker protein family, member 4	Clip4	7.21866E-07	2.40779	Week 6 up vs Week 1
10407420	NM_019671 // Net1 // neuroepithelial cell transforming gene 1 // 13 A1 // 56349	Net1	3.10725E-07	2.41142	Week 6 up vs Week 1
10452980	NM_011163 // Eif2ak2 // eukaryotic translation initiation factor 2-alpha kinase	Eif2ak2	1.50368E-06	2.41148	Week 6 up vs Week 1
10575052	NM_009864 // Cdh1 // cadherin 1 // 8 D|8 53.3 cM // 12550 /// ENSMUST00000000312	Cdh1	4.72901E-07	2.41167	Week 6 up vs Week 1
10578916	NM_025436 // Sc4mol // sterol-C4-methyl oxidase-like // 8 B3.1 // 66234 /// ENSM	Sc4mol	0.00120262	2.41265	Week 6 up vs Week 1
10474526	NM_207206 // Lpcat4 // lysophosphatidylcholine acyltransferase 4 // 2 E3 // 9901	Lpcat4	8.41445E-06	2.41331	Week 6 up vs Week 1
10411633	NM_008670 // Naip1 // NLR family, apoptosis inhibitory protein 1 // 13 D1-D3|13	Naip1	6.66872E-07	2.41799	Week 6 up vs Week 1
10544108	NM_001033171 // Klrg2 // killer cell lectin-like receptor subfamily G, member 2	Klrg2	2.06473E-06	2.42439	Week 6 up vs Week 1
10344546	---		3.84305E-05	2.42501	Week 6 up vs Week 1
10452770	NM_001033444 // Capn13 // calpain 13 // 17 E2 // 381122 /// ENSMUST00000095208 /	Capn13	0.000102167	2.42524	Week 6 up vs Week 1
10450603	---		6.01613E-10	2.42882	Week 6 up vs Week 1
10373542	NM_016811 // Dgka // diacylglycerol kinase, alpha // 10 D3|10 71.0 cM // 13139 /	Dgka	4.27997E-06	2.42947	Week 6 up vs Week 1
10338268	---		0.000792427	2.43128	Week 6 up vs Week 1
10514128	NM_027238 // Ttc39b // tetratricopeptide repeat domain 39B // 4 C3 // 69863 ///	Ttc39b	1.68379E-06	2.43155	Week 6 up vs Week 1
10552156	NM_027897 // Rhpn2 // rhophilin, Rho GTPase binding protein 2 // 7 B1-B2|7 11.0	Rhpn2	2.74606E-05	2.43168	Week 6 up vs Week 1
10338185	---		0.00115605	2.43345	Week 6 up vs Week 1
10339129	---		0.000117076	2.43379	Week 6 up vs Week 1
10543785	AB041803 // AB041803 // cDNA sequence AB041803 // 6 A3.3 // 232685 /// ENSMUST00	AB041803	2.38515E-10	2.43381	Week 6 up vs Week 1
10340030	---		2.29192E-07	2.43399	Week 6 up vs Week 1
10343820	---		1.44208E-06	2.43679	Week 6 up vs Week 1
10541799	BC117528 // Lpar5 // lysophosphatidic acid receptor 5 // 6 F2 // 381810 /// ENSM	Lpar5	8.20149E-09	2.43825	Week 6 up vs Week 1
10341429	---		8.09737E-05	2.44012	Week 6 up vs Week 1
10490150	NM_021394 // Zbp1 // Z-DNA binding protein 1 // 2 H3 // 58203 /// NM_001139519 /	Zbp1	3.45233E-08	2.44073	Week 6 up vs Week 1
10420483	NM_172603 // Phf11 // PHD finger protein 11 // 14 C3 // 219131 /// ENSMUST000000	Phf11	1.83474E-08	2.44279	Week 6 up vs Week 1
10591781	NM_028390 // Anln // anillin, actin binding protein // 9 A4 // 68743 /// ENSMUST	Anln	0.000301684	2.44397	Week 6 up vs Week 1
10450501	NM_013693 // Tnf // tumor necrosis factor // 17 B1|17 19.06 cM // 21926 /// ENSM	Tnf	5.94983E-10	2.44818	Week 6 up vs Week 1
10594277	NM_028748 // Paqr5 // progestin and adipoQ receptor family member V // 9 C // 74	Paqr5	3.14702E-05	2.45197	Week 6 up vs Week 1
10416290	NM_180588 // Reep4 // receptor accessory protein 4 // 14 D2 // 72549 /// ENSMUST	Reep4	7.40661E-07	2.45314	Week 6 up vs Week 1

10375265	NM_176999 // Atp10b // ATPase, class V, type 10B // 11 A5 // 319767 /// ENSMUST0	Atp10b	7.88171E-07	2.45321	Week 6 up vs Week 1
10423770	NM_026496 // Grhl2 // grainyhead-like 2 (Drosophila) // 15 C // 252973 /// ENSMU	Grhl2	1.89704E-05	2.4564	Week 6 up vs Week 1
10403413	NM_145360 // Idi1 // isopentenyl-diphosphate delta isomerase // 13 A1 // 319554	Idi1	0.00249325	2.45657	Week 6 up vs Week 1
10340180	---		2.48472E-05	2.45727	Week 6 up vs Week 1
10498053	NM_026358 // 4930583H14Rik // RIKEN cDNA 4930583H14 gene // 3 C // 67749 /// ENS	4930583H14Rik	0.0091942	2.45749	Week 6 up vs Week 1
10342649	---		3.556E-10	2.45792	Week 6 up vs Week 1
10400357	NM_013815 // Baz1a // bromodomain adjacent to zinc finger domain 1A // 12 C // 2	Baz1a	9.81781E-07	2.46147	Week 6 up vs Week 1
10567589	NM_001033173 // Usp31 // ubiquitin specific peptidase 31 // 7 F2 // 76179 /// EN	Usp31	2E-14	2.46223	Week 6 up vs Week 1
10542355	NM_010128 // Emp1 // epithelial membrane protein 1 // 6 G1|6 65.0 cM // 13730 //	Emp1	8.69401E-06	2.4641	Week 6 up vs Week 1
10340022	---		5.07165E-07	2.466	Week 6 up vs Week 1
10430929	NR_027799 // Tbrg3 // transforming growth factor beta regulated gene 3 // 15 E1	Tbrg3	9.41828E-07	2.46602	Week 6 up vs Week 1
10430006	NM_028064 // Slc39a4 // solute carrier family 39 (zinc transporter), member 4 //	Slc39a4	9.02617E-06	2.46677	Week 6 up vs Week 1
10340478	---		0.000123286	2.47055	Week 6 up vs Week 1
10436451	NM_026588 // Stx19 // syntaxin 19 // 16 C1.3 // 68159 /// ENSMUST00000055557 //	Stx19	1.25246E-09	2.47073	Week 6 up vs Week 1
10530100	NM_178407 // Arap2 // ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2	Arap2	5.14117E-07	2.47282	Week 6 up vs Week 1
10438753	NM_173379 // Leprel1 // leprecan-like 1 // 16 B1 // 210530 /// ENSMUST0000003999	Leprel1	3.40959E-09	2.47501	Week 6 up vs Week 1
10341715	---		0.000107301	2.47541	Week 6 up vs Week 1
10343908	---		9.65022E-08	2.47844	Week 6 up vs Week 1
10362499	NM_001159544 // Frk // fyn-related kinase // 10 B1 // 14302 /// NM_010237 // Frk	Frk	2.59123E-06	2.47879	Week 6 up vs Week 1
10341035	---		0.00114998	2.47945	Week 6 up vs Week 1
10452815	NM_011723 // Xdh // xanthine dehydrogenase // 17 E2|17 45.3 cM // 22436 /// ENSM	Xdh	2.49734E-08	2.48839	Week 6 up vs Week 1
10496592	NM_010260 // Gbp2 // guanylate binding protein 2 // 3 H1|3 67.4 cM // 14469 ///	Gbp2	1.12757E-05	2.49081	Week 6 up vs Week 1
10562223	NM_008557 // Fxyd3 // FXYD domain-containing ion transport regulator 3 // 7 B1 /	Fxyd3	1.26515E-05	2.49364	Week 6 up vs Week 1
10416777	NM_009769 // Klf5 // Kruppel-like factor 5 // 14 E2.2 // 12224 /// ENSMUST000000	Klf5	1.54831E-06	2.49448	Week 6 up vs Week 1
10343352	---		6.44853E-06	2.49492	Week 6 up vs Week 1
10454172	NM_007883 // Dsg2 // desmoglein 2 // 18 A2|18 7.05 cM // 13511 /// ENSMUST000000	Dsg2	6.24792E-05	2.49825	Week 6 up vs Week 1
10494889	NM_177857 // Dennd2c // DENN/MADD domain containing 2C // 3 F2.2 // 329727 /// E	Dennd2c	2.01421E-06	2.50016	Week 6 up vs Week 1
10349953	NM_027979 // Chit1 // chitinase 1 (chitotriosidase) // 1 E4 // 71884 /// ENSMUST	Chit1	0.000118466	2.50113	Week 6 up vs Week 1
10491279	NM_008857 // Prkci // protein kinase C, iota // 3 A3|3 13.8 cM // 18759 /// ENSM	Prkci	1.66921E-06	2.50129	Week 6 up vs Week 1
10444258	NM_010724 // Psmb8 // proteasome (prosome, macropain) subunit, beta type 8 (larg	Psmb8	1.21114E-08	2.50471	Week 6 up vs Week 1
10585331	NM_176846 // Exph5 // exophilin 5 // 9 A5.3 // 320051 /// ENSMUST00000051014 //	Exph5	7.83245E-08	2.50578	Week 6 up vs Week 1
10592001	NM_011176 // St14 // suppression of tumorigenicity 14 (colon carcinoma) // 9 A4|	St14	6.53404E-05	2.50761	Week 6 up vs Week 1
10455310	---		3.82766E-07	2.50767	Week 6 up vs Week 1
10512774	NM_178893 // Coro2a // coronin, actin binding protein 2A // 4 B1 // 107684 /// E	Coro2a	3.16302E-06	2.51005	Week 6 up vs Week 1
10366038	NM_015737 // Galnt4 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylga	Galnt4	2.33819E-05	2.51006	Week 6 up vs Week 1
10399465	NM_029007 // Fam84a // family with sequence similarity 84, member A // 12 A3 //	Fam84a	0.000354986	2.51159	Week 6 up vs Week 1
10608385	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.00857991	2.51188	Week 6 up vs Week 1
10441270	NM_023663 // Ripk4 // receptor-interacting serine-threonine kinase 4 // 16 C4 //	Ripk4	0.000119068	2.51525	Week 6 up vs Week 1
10608517	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.0201829	2.5173	Week 6 up vs Week 1
10470101	NM_027085 // Clic3 // chloride intracellular channel 3 // 2 A3 // 69454 /// ENSM	Clic3	0.00111122	2.51811	Week 6 up vs Week 1
10590992	ENSMUST00000034412 // Hephl1 // hephaestin-like 1 // 9 A2 // 244698	Hephl1	6.6829E-11	2.51914	Week 6 up vs Week 1
10416657	NM_007920 // Elf1 // E74-like factor 1 // 14 D3 // 13709 /// ENSMUST00000040131	Elf1	6.21613E-08	2.52168	Week 6 up vs Week 1
10588043	NM_009034 // Rbp2 // retinol binding protein 2, cellular // 9 E3.3|9 57.0 cM //	Rbp2	0.000597907	2.52216	Week 6 up vs Week 1
10521459	NM_175249 // Psapl1 // prosaposin-like 1 // 5 B3 // 76943 /// ENSMUST00000052224	Psapl1	2.10697E-06	2.52256	Week 6 up vs Week 1
10566624	NM_001162940 // Gm10081 // predicted gene 10081 // 7 E3 // 384732 /// ENSMUST000	Gm10081	1.56254E-06	2.5256	Week 6 up vs Week 1
10339114	---		8.5831E-11	2.5276	Week 6 up vs Week 1
10528102	NM_023733 // Crot // carnitine O-octanoyltransferase // 5 A1 // 74114 /// ENSMUS	Crot	1.25981E-05	2.52947	Week 6 up vs Week 1
10578203	NM_027998 // Cldn23 // claudin 23 // 8 B1.1 // 71908 /// ENSMUST00000060128 // C	Cldn23	4.57064E-07	2.52957	Week 6 up vs Week 1
10583887	NM_175678 // Npsr1 // neuropeptide S receptor 1 // 9 A3-A4 // 319239 /// ENSMUST	Npsr1	8.93241E-05	2.53428	Week 6 up vs Week 1
10495675	NM_010171 // F3 // coagulation factor III // 3 G1|3 50.0 cM // 14066 /// ENSMUST	F3	0.00029128	2.53435	Week 6 up vs Week 1
10340491	---		0.00001286	2.54104	Week 6 up vs Week 1
10343797	---		9.5409E-08	2.54382	Week 6 up vs Week 1
10584835	NM_176993 // Mpzl3 // myelin protein zero-like 3 // 9 A5.2 // 319742 /// NM_0010	Mpzl3	2.18948E-07	2.54423	Week 6 up vs Week 1
10351259	NM_054087 // Slc19a2 // solute carrier family 19 (thiamine transporter), member	Slc19a2	0.000364174	2.54506	Week 6 up vs Week 1
10411226	NM_007974 // F2rl1 // coagulation factor II (thrombin) receptor-like 1 // 13 D1|	F2rl1	1.22324E-08	2.54536	Week 6 up vs Week 1
10568392	NM_026418 // Rgs10 // regulator of G-protein signalling 10 // 7 F3 // 67865 ///	Rgs10	3.4739E-11	2.54661	Week 6 up vs Week 1
10482762	NM_145360 // Idi1 // isopentenyl-diphosphate delta isomerase // 13 A1 // 319554	Idi1	0.000809682	2.54897	Week 6 up vs Week 1
10565156	NM_011983 // Homer2 // homer homolog 2 (Drosophila) // 7 D3 // 26557 /// ENSMUST	Homer2	4.55988E-05	2.54903	Week 6 up vs Week 1
10361265	---		0.000102644	2.55034	Week 6 up vs Week 1
10343190	---		1.34439E-06	2.552	Week 6 up vs Week 1
10444890	NM_133662 // Ier3 // immediate early response 3 // 17 B1 // 15937 /// ENSMUST000	Ier3	4.6646E-08	2.5521	Week 6 up vs Week 1
10458052	NM_013512 // Epb4.1l4a // erythrocyte protein band 4.1-like 4a // 18 B1 // 13824	Epb4.1l4a	1.94275E-07	2.55223	Week 6 up vs Week 1
10408739	NM_023842 // Dsp // desmoplakin // 13 A3.3 // 109620 /// ENSMUST00000078232 // G	Dsp	1.56593E-10	2.55455	Week 6 up vs Week 1
10585194	NM_008360 // Il18 // interleukin 18 // 9 A5.3|9 29.0 cM // 16173 /// ENSMUST0000	Il18	2.15768E-06	2.55838	Week 6 up vs Week 1
10491952	NM_174995 // Mgst2 // microsomal glutathione S-transferase 2 // 3 C // 211666 //	Mgst2	1.74168E-10	2.56203	Week 6 up vs Week 1

10371111	NM_013769 // Tjp3 // tight junction protein 3 // 10 C1 // 27375 /// ENSMUST00000	Tjp3	3.9404E-06	2.56218	Week 6 up vs Week 1
10559185	NM_018802 // Syt8 // synaptotagmin VIII // 7 F5 // 55925 /// ENSMUST00000118276	Syt8	5.22796E-06	2.56434	Week 6 up vs Week 1
10434815	NM_001127259 // Trp63 // transformation related protein 63 // 16 B1|16 19.3 cM /	Trp63	6.22615E-06	2.56656	Week 6 up vs Week 1
10577954	NM_001080813 // Rab11fip1 // RAB11 family interacting protein 1 (class I) // 8 A	Rab11fip1	2.60508E-06	2.57065	Week 6 up vs Week 1
10555118	NM_011035 // Pak1 // p21 protein (Cdc42/Rac)-activated kinase 1 // 7 E2|7 46.5 c	Pak1	1.41337E-05	2.57073	Week 6 up vs Week 1
10339183	---		3.22746E-09	2.57289	Week 6 up vs Week 1
10341210	---		1.05269E-06	2.57508	Week 6 up vs Week 1
10547621	NM_031159 // Apobec1 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec1	4.86044E-10	2.58271	Week 6 up vs Week 1
10432767	NR_003960 // Gm5478 // predicted gene 5478 // 15 F2|15 // 432987	Gm5478	6.53663E-07	2.58331	Week 6 up vs Week 1
10594251	NM_024245 // Kif23 // kinesin family member 23 // 9 B // 71819 /// ENSMUST000000	Kif23	8.76492E-05	2.58357	Week 6 up vs Week 1
10455873	NM_009194 // Slc12a2 // solute carrier family 12, member 2 // 18 D3|18 32.0 cM /	Slc12a2	1.11161E-07	2.58367	Week 6 up vs Week 1
10410776	---		0.000323435	2.58848	Week 6 up vs Week 1
10533256	NM_145211 // Oas1a // 2'-5' oligoadenylate synthetase 1A // 5 F|5 67.0 cM // 246	Oas1a	4.32158E-08	2.58958	Week 6 up vs Week 1
10357072	NM_009126 // Serpinb3a // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb3a	0.000120483	2.59593	Week 6 up vs Week 1
10472916	NM_025866 // Cdca7 // cell division cycle associated 7 // 2 C3 // 66953 /// ENSM	Cdca7	9.09163E-06	2.59732	Week 6 up vs Week 1
10465106	NM_019935 // Ovol1 // OVO homolog-like 1 (Drosophila) // 19 A // 18426 /// ENSMU	Ovol1	4.02093E-08	2.59891	Week 6 up vs Week 1
10558795	NM_019762 // Pkp3 // plakophilin 3 // 7 F5 // 56460 /// NM_001162924 // Pkp3 //	Pkp3	2.18792E-06	2.59953	Week 6 up vs Week 1
10340209	---		1.75492E-06	2.59986	Week 6 up vs Week 1
10459288	NM_007420 // Adrb2 // adrenergic receptor, beta 2 // 18 E1|18 34.0 cM // 11555 /	Adrb2	8.8488E-06	2.60357	Week 6 up vs Week 1
10598081	---		3.42125E-05	2.60399	Week 6 up vs Week 1
10395142	NM_013709 // Sh3yl1 // Sh3 domain YSC-like 1 // 12 A2 // 24057 /// ENSMUST000000	Sh3yl1	3.97057E-07	2.60985	Week 6 up vs Week 1
10468344	NM_007732 // Col17a1 // collagen, type XVII, alpha 1 // 19 D1|19 49.0 cM // 1282	Col17a1	0.00128472	2.61037	Week 6 up vs Week 1
10581455	NM_176838 // Esrp2 // epithelial splicing regulatory protein 2 // 8 D3 // 77411	Esrp2	6.25829E-05	2.61124	Week 6 up vs Week 1
10342570	---		0.00207256	2.61137	Week 6 up vs Week 1
10453939	NM_010680 // Lama3 // laminin, alpha 3 // 18 A|18 3.0 cM // 16774 /// ENSMUST000	Lama3	6.25484E-06	2.61258	Week 6 up vs Week 1
10512067	NM_172689 // Ddx58 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 // 4 A5 // 23007	Ddx58	6.76017E-08	2.61534	Week 6 up vs Week 1
10582890	---		3.12909E-07	2.61544	Week 6 up vs Week 1
10351131	NM_010865 // Myoc // myocilin // 1 H2.1|1 83.6 cM // 17926 /// ENSMUST0000002802	Myoc	0.00202792	2.61551	Week 6 up vs Week 1
10374777	NM_146015 // Efemp1 // epidermal growth factor-containing fibulin-like extracell	Efemp1	1.66517E-05	2.61682	Week 6 up vs Week 1
10428089	NM_145469 // Nipal2 // NIPA-like domain containing 2 // 15 B3.1 // 223473 /// EN	Nipal2	2.74451E-06	2.61914	Week 6 up vs Week 1
10400844	NM_133198 // Pygl // liver glycogen phosphorylase // 12 C2|12 30.0 cM // 110095	Pygl	0.000108524	2.6208	Week 6 up vs Week 1
10474341	ENSMUST00000099638 // Dcdc5 // doublecortin domain containing 5 // 2 E3 // 32948	Dcdc5	4.34474E-06	2.62721	Week 6 up vs Week 1
10544417	NM_023580 // Epha1 // Eph receptor A1 // 6 B2.1 // 13835 /// ENSMUST00000073387	Epha1	0.000141278	2.63039	Week 6 up vs Week 1
10485405	NM_009851 // Cd44 // CD44 antigen // 2 E2|2 56.0 cM // 12505 /// NM_001039150 //	Cd44	0.000465303	2.63239	Week 6 up vs Week 1
10376201	NM_001083929 // Gpx3 // glutathione peroxidase 3 // 11 B3-B5 // 14778 /// NM_008	Gpx3	0.00024581	2.63299	Week 6 up vs Week 1
10384725	NM_009044 // Rel // reticuloendotheliosis oncogene // 11 A3.2|11 13.0 cM // 1969	Rel	7.75598E-08	2.63917	Week 6 up vs Week 1
10459620	NM_001082553 // Rab27b // RAB27b, member RAS oncogene family // 18 E2|18 45.0 cM	Rab27b	8.86939E-06	2.63944	Week 6 up vs Week 1
10602739	NM_019736 // Acot9 // acyl-CoA thioesterase 9 // X F3 // 56360 /// ENSMUST000000	Acot9	4.526E-12	2.64404	Week 6 up vs Week 1
10460251	AK081788 // 1700055N04Rik // RIKEN cDNA 1700055N04 gene // 19 A // 73458 /// XM_	1700055N04Rik	0.000574201	2.64721	Week 6 up vs Week 1
10467153	NM_172838 // Slc16a12 // solute carrier family 16 (monocarboxylic acid transport	Slc16a12	0.000439144	2.64746	Week 6 up vs Week 1
10349569	---		4.76444E-06	2.6559	Week 6 up vs Week 1
10342895	---		4.37357E-06	2.65697	Week 6 up vs Week 1
10350159	NM_133664 // Lad1 // ladinin // 1 E4 // 16763 /// ENSMUST00000038760 // Lad1 //	Lad1	3.37083E-05	2.66218	Week 6 up vs Week 1
10344044	---		1.60325E-06	2.66302	Week 6 up vs Week 1
10497501	XM_975226 // Naaladl2 // N-acetylated alpha-linked acidic dipeptidase-like 2 //	Naaladl2	0.0024896	2.66333	Week 6 up vs Week 1
10587818	NM_178711 // Plscr4 // phospholipid scramblase 4 // 9 E3.3 // 235527 /// ENSMUST	Plscr4	8.5282E-09	2.66717	Week 6 up vs Week 1
10378059	NM_026559 // Txndc17 // thioredoxin domain containing 17 // 11 B4|11 38.0 cM //	Txndc17	5.67956E-08	2.67029	Week 6 up vs Week 1
10349157	NM_011111 // Serpinb2 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb2	2.16392E-07	2.67054	Week 6 up vs Week 1
10552964	NM_010240 // Ftl1 // ferritin light chain 1 // 7 B4 // 14325 /// NM_008049 // Ft	Ftl1	2.14425E-10	2.67871	Week 6 up vs Week 1
10495147	NM_001093754 // Dennd2d // DENN/MADD domain containing 2D // 3 F2.3 // 72121 ///	Dennd2d	6.71603E-07	2.67878	Week 6 up vs Week 1
10565712	NM_025408 // Acer3 // alkaline ceramidase 3 // 7 E2 // 66190 /// ENSMUST00000033	Acer3	0.000039328	2.68209	Week 6 up vs Week 1
10338256	---		0.00688384	2.68315	Week 6 up vs Week 1
10339880	---		0.000376172	2.69118	Week 6 up vs Week 1
10582882	---		7.84568E-07	2.69489	Week 6 up vs Week 1
10387838	NM_145684 // Alox12e // arachidonate lipoxygenase, epidermal // 11 B3|11 40.0 cM	Alox12e	0.0100738	2.69499	Week 6 up vs Week 1
10399854	NM_011867 // Slc26a4 // solute carrier family 26, member 4 // 12 B1 // 23985 ///	Slc26a4	3.60212E-10	2.69678	Week 6 up vs Week 1
10432774	NM_010669 // Krt6b // keratin 6B // 15 F2|15 58.76 cM // 16688 /// ENSMUST000000	Krt6b	0.000515822	2.70056	Week 6 up vs Week 1
10598089	---		2.15558E-06	2.70638	Week 6 up vs Week 1
10373610	NM_146318 // Olfr767 // olfactory receptor 767 // --- // 258315 /// ENSMUST00000	Olfr767	6.59373E-05	2.70913	Week 6 up vs Week 1
10354003	NM_173870 // Mgat4a // mannoside acetylglucosaminyltransferase 4, isoenzyme A //	Mgat4a	3.06765E-06	2.70945	Week 6 up vs Week 1
10416800	NM_201529 // Lmo7 // LIM domain only 7 // 14 E2.3 // 380928 /// ENSMUST000001003	Lmo7	9.1316E-07	2.70958	Week 6 up vs Week 1
10572635	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	0.000520005	2.71008	Week 6 up vs Week 1
10586166	---		9.759E-12	2.71505	Week 6 up vs Week 1
10416273	NM_145981 // Phyhip // phytanoyl-CoA hydroxylase interacting protein // 14 D2 //	Phyhip	2.67687E-06	2.71835	Week 6 up vs Week 1
10380927	NM_010346 // Grb7 // growth factor receptor bound protein 7 // 11 D|11 57.0 cM /	Grb7	2.20712E-05	2.71881	Week 6 up vs Week 1

10436095	NM_020509 // Retnla // resistin like alpha // 16 B5|16 32.6 cM // 57262 /// ENSM	Retnla	3.08779E-06	2.72207	Week 6 up vs Week 1
10385337	NM_008375 // Fabp6 // fatty acid binding protein 6, ileal (gastrotropin) // 11 B	Fabp6	5.61737E-09	2.72777	Week 6 up vs Week 1
10429691	NM_134087 // Fam83h // family with sequence similarity 83, member H // 15 D3 //	Fam83h	1.40801E-05	2.73127	Week 6 up vs Week 1
10505299	NM_138653 // Bspry // B-box and SPRY domain containing // 4 C1 // 192120 /// ENS	Bspry	3.61406E-07	2.73567	Week 6 up vs Week 1
10343384	---		9.02767E-07	2.73934	Week 6 up vs Week 1
10521602	NM_175937 // Cpeb2 // cytoplasmic polyadenylation element binding protein 2 // 5	Cpeb2	2.33381E-07	2.74216	Week 6 up vs Week 1
10467508	NM_008528 // Blnk // B-cell linker // 19 C3|19 31.0 cM // 17060 /// ENSMUST00000	Blnk	1.806E-08	2.74404	Week 6 up vs Week 1
10367066	NM_027301 // Sdr9c7 // 4short chain dehydrogenase/reductase family 9C, member 7	Sdr9c7	1.36576E-05	2.74754	Week 6 up vs Week 1
10444554	NM_023557 // Slc44a4 // solute carrier family 44, member 4 // 17 B2 // 70129 ///	Slc44a4	1.22026E-06	2.74888	Week 6 up vs Week 1
10349580	NM_011082 // Pigr // polymeric immunoglobulin receptor // 1 E3|1 68.2 cM // 1870	Pigr	8.33254E-09	2.75022	Week 6 up vs Week 1
10410877	NM_001081176 // Polr3g // polymerase (RNA) III (DNA directed) polypeptide G // 1	Polr3g	2.07831E-07	2.75035	Week 6 up vs Week 1
10341359	---		0.00177049	2.75282	Week 6 up vs Week 1
10462390	NM_021893 // Cd274 // CD274 antigen // 19 C2 // 60533 /// ENSMUST00000016640 //	Cd274	8.72238E-08	2.75521	Week 6 up vs Week 1
10449807	NM_001033163 // Ephx3 // epoxide hydrolase 3 // 17 B1 // 71932 /// ENSMUST000000	Ephx3	8.41738E-06	2.75692	Week 6 up vs Week 1
10598083	---		4.65928E-06	2.75787	Week 6 up vs Week 1
10566993	NM_173739 // Galntl4 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylg	Galntl4	2.78053E-05	2.75904	Week 6 up vs Week 1
10342840	---		4.51701E-07	2.75972	Week 6 up vs Week 1
10482517	NM_001141949 // Nmi // N-myc (and STAT) interactor // 2 C1 // 64685 /// NM_00114	Nmi	4.76474E-08	2.76462	Week 6 up vs Week 1
10476033	NM_183262 // Stk35 // serine/threonine kinase 35 // 2 F1 // 67333 /// NM_0010386	Stk35	6.88029E-05	2.76531	Week 6 up vs Week 1
10494001	NM_207272 // Tdpoz4 // TD and POZ domain containing 4 // 3 F2.1 // 399675 /// EN	Tdpoz4	6.36778E-08	2.77095	Week 6 up vs Week 1
10552090	NM_207262 // Abpe // androgen binding protein epsilon // 7 B1 // 381970 /// ENSM	Abpe	4.23303E-10	2.77313	Week 6 up vs Week 1
10340759	---		1.04143E-07	2.77501	Week 6 up vs Week 1
10582916	---		1.27759E-06	2.77885	Week 6 up vs Week 1
10599581	NM_133729 // 2610018G03Rik // RIKEN cDNA 2610018G03 gene // X A3.3 // 70415 ///	2610018G03Rik	9.05624E-06	2.78226	Week 6 up vs Week 1
10580649	NM_133660 // Es22 // esterase 22 // 8 C5|8 43.2 cM // 13897 /// ENSMUST000000341	Es22	1.63418E-06	2.78271	Week 6 up vs Week 1
10460259	ENSMUST00000100032 // Aldh3b2 // aldehyde dehydrogenase 3 family, member B2 // 1	Aldh3b2	9.72876E-05	2.78393	Week 6 up vs Week 1
10500140	NM_001085383 // Anxa9 // annexin A9 // 3 F2 // 71790 /// NM_023628 // Anxa9 // a	Anxa9	2.05924E-05	2.78563	Week 6 up vs Week 1
10608313	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.0101771	2.78576	Week 6 up vs Week 1
10539135	NM_007599 // Capg // capping protein (actin filament), gelsolin-like // 6 C3 //	Capg	2.48442E-05	2.78818	Week 6 up vs Week 1
10574572	BC027185 // 2210023G05Rik // RIKEN cDNA 2210023G05 gene // 8 D3 // 72361 /// ENS	2210023G05Rik	0.000231857	2.79922	Week 6 up vs Week 1
10493474	NM_013605 // Muc1 // mucin 1, transmembrane // 3 F1|3 44.8 cM // 17829 /// ENSMU	Muc1	5.03924E-05	2.8006	Week 6 up vs Week 1
10391025	NM_008469 // Krt15 // keratin 15 // 11 D|11 58.5 cM // 16665 /// ENSMUST00000107	Krt15	2.09993E-06	2.80283	Week 6 up vs Week 1
10341238	---		3.22296E-10	2.80351	Week 6 up vs Week 1
10457628	NM_199055 // Chst9 // carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase	Chst9	4.12259E-05	2.80614	Week 6 up vs Week 1
10389990	NM_027984 // Epn3 // epsin 3 // 11 C // 71889 /// ENSMUST00000010224 // Epn3 //	Epn3	2.13371E-06	2.80636	Week 6 up vs Week 1
10534395	NM_009903 // Cldn4 // claudin 4 // 5 G2|5 75.0 cM // 12740 /// ENSMUST0000005140	Cldn4	0.000072489	2.80771	Week 6 up vs Week 1
10559420	NM_181820 // Tmc4 // transmembrane channel-like gene family 4 // 7 A1 // 353499	Tmc4	7.60522E-05	2.80772	Week 6 up vs Week 1
10523175	NM_007950 // Ereg // epiregulin // 5 E1 // 13874 /// ENSMUST00000031324 // Ereg	Ereg	8.19054E-07	2.81006	Week 6 up vs Week 1
10603087	NM_027153 // Pir // pirin // X F5 // 69656 /// ENSMUST00000033749 // Pir // piri	Pir	1.05488E-08	2.81887	Week 6 up vs Week 1
10400984	NM_178715 // Tmem30b // transmembrane protein 30B // 12 C3 // 238257 /// ENSMUST	Tmem30b	2.23967E-06	2.82825	Week 6 up vs Week 1
10424349	NM_009270 // Sqle // squalene epoxidase // 15 D1 // 20775 /// ENSMUST00000022977	Sqle	0.000194409	2.83827	Week 6 up vs Week 1
10504470	NM_010790 // Melk // maternal embryonic leucine zipper kinase // 4 B1|4 26.7 cM	Melk	9.35466E-07	2.84143	Week 6 up vs Week 1
10607972	NM_011419 // Kdm5d // lysine (K)-specific demethylase 5D // Y A1 // 20592 /// EN	Kdm5d	0.0175798	2.84343	Week 6 up vs Week 1
10461723	BC038020 // Fam111a // family with sequence similarity 111, member A // 19 B|19	Fam111a	8.77957E-06	2.8458	Week 6 up vs Week 1
10458709	NM_001033280 // Gm94 // predicted gene 94 // 18 B3 // 225443 /// ENSMUST00000096	Gm94	2.82442E-05	2.8529	Week 6 up vs Week 1
10608263	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.00138049	2.85399	Week 6 up vs Week 1
10435457	NM_030253 // Parp9 // poly (ADP-ribose) polymerase family, member 9 // 16 B3 //	Parp9	3.74785E-09	2.85895	Week 6 up vs Week 1
10339478	---		5.07695E-07	2.86223	Week 6 up vs Week 1
10608317	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.01016	2.863	Week 6 up vs Week 1
10345404	AK082264 // C230030N03Rik // RIKEN cDNA C230030N03 gene // 1 B // 241052	C230030N03Rik	1.75221E-06	2.8648	Week 6 up vs Week 1
10394954	NM_001161406 // Grhl1 // grainyhead-like 1 (Drosophila) // 12 A1.3 // 195733 ///	Grhl1	3.54158E-07	2.86605	Week 6 up vs Week 1
10548622	NM_198669 // Prb1 // proline-rich protein BstNI subfamily 1 // 6 G1 // 381833 //	Prb1	0.000561786	2.86662	Week 6 up vs Week 1
10348354	NM_201644 // Ugt1a9 // UDP glucuronosyltransferase 1 family, polypeptide A9 // 1	Ugt1a9	5.71168E-08	2.87106	Week 6 up vs Week 1
10485624	NM_178695 // Prrg4 // proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane	Prrg4	1.75195E-07	2.87393	Week 6 up vs Week 1
10608302	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.0224823	2.87833	Week 6 up vs Week 1
10427052	NM_033073 // Krt7 // keratin 7 // 15 F2|15 58.7 cM // 110310 /// ENSMUST00000068	Krt7	0.000118993	2.88104	Week 6 up vs Week 1
10558769	NM_026820 // Ifitm1 // interferon induced transmembrane protein 1 // 7 F5 // 687	Ifitm1	3.69093E-06	2.88171	Week 6 up vs Week 1
10454129	NM_181682 // Dsg1b // desmoglein 1 beta // 18 A2|18 7.02 cM // 225256 /// ENSMUS	Dsg1b	5.12771E-05	2.88278	Week 6 up vs Week 1
10391013	NM_010662 // Krt13 // keratin 13 // 11 D|11 58.49 cM // 16663 /// ENSMUST0000000	Krt13	2.15684E-05	2.8854	Week 6 up vs Week 1
10517791	NM_011061 // Padi4 // peptidyl arginine deiminase, type IV // 4 E1|4 71.0 cM //	Padi4	3.28415E-05	2.88825	Week 6 up vs Week 1
10492300	NM_023383 // Aadac // arylacetamide deacetylase (esterase) // 3 D // 67758 /// E	Aadac	1.9913E-11	2.88931	Week 6 up vs Week 1
10367050	AY053573 // Rdh18 // retinol dehydrogenase 18 // 10 D3 // 380674 /// ENSMUST0000	Rdh18	8.10778E-05	2.89758	Week 6 up vs Week 1
10545569	NM_011260 // Reg3g // regenerating islet-derived 3 gamma // 6 C3 // 19695 /// EN	Reg3g	3.29547E-07	2.90862	Week 6 up vs Week 1
10381049	NM_001080925 // Rapgefl1 // Rap guanine nucleotide exchange factor (GEF)-like 1	Rapgefl1	2.10989E-05	2.91273	Week 6 up vs Week 1
10493824	NM_199422 // S100a7a // S100 calcium binding protein A7A // 3 F1 // 381493 /// E	S100a7a	1.48593E-08	2.92792	Week 6 up vs Week 1

10560618	NM_007469 // Apoc1 // apolipoprotein C-I // 7 A3|7 4.0 cM // 11812 /// NM_001110	Apoc1	1.00844E-07	2.92907	Week 6 up vs Week 1
10378793	NM_025655 // Tmigd1 // transmembrane and immunoglobulin domain containing 1 // 1	Tmigd1	6.93421E-09	2.92927	Week 6 up vs Week 1
10559043	NM_010844 // Muc5ac // mucin 5, subtypes A and C, tracheobronchial/gastric // 7	Muc5ac	8.33516E-08	2.93388	Week 6 up vs Week 1
10360522	NM_007422 // Adss // adenylosuccinate synthetase, non muscle // 1 H4 // 11566 //	Adss	3.54142E-07	2.9456	Week 6 up vs Week 1
10533213	NM_145226 // Oas3 // 2'-5' oligoadenylate synthetase 3 // 5 F|5 67.1 cM // 24672	Oas3	2.35199E-06	2.95451	Week 6 up vs Week 1
10582918	---		2.89036E-06	2.97275	Week 6 up vs Week 1
10393936	NM_007621 // Cbr2 // carbonyl reductase 2 // 11 E2|11 72.5 cM // 12409 /// ENSMU	Cbr2	8.8636E-06	2.97678	Week 6 up vs Week 1
10341659	---		7.91091E-10	2.9796	Week 6 up vs Week 1
10413542	NM_009388 // Tkt // transketolase // 14 B1 // 21881 /// ENSMUST00000022529 // Tk	Tkt	0.00132499	2.98004	Week 6 up vs Week 1
10570434	NM_026820 // Ifitm1 // interferon induced transmembrane protein 1 // 7 F5 // 687	Ifitm1	1.05772E-05	2.98092	Week 6 up vs Week 1
10598064	---		0.000012075	3.0024	Week 6 up vs Week 1
10511939	NM_026293 // Spaca1 // sperm acrosome associated 1 // 4 A5 // 67652 /// ENSMUST0	Spaca1	2.27488E-10	3.00291	Week 6 up vs Week 1
10550980	NM_133743 // Lypd3 // Ly6/Plaur domain containing 3 // 7 A3 // 72434 /// ENSMUST	Lypd3	0.000294027	3.00392	Week 6 up vs Week 1
10339182	---		1.94125E-05	3.00561	Week 6 up vs Week 1
10608615	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.00509623	3.02605	Week 6 up vs Week 1
10496555	NM_010259 // Gbp1 // guanylate binding protein 1 // 3 H1|3 67.4 cM // 14468 ///	Gbp1	1.2442E-09	3.03603	Week 6 up vs Week 1
10435514	NM_134109 // Ildr1 // immunoglobulin-like domain containing receptor 1 // 16 B3	Ildr1	4.41002E-07	3.04683	Week 6 up vs Week 1
10570741	NM_007843 // Defb1 // defensin beta 1 // 8 A4|8 9.0 cM // 13214 /// ENSMUST00000	Defb1	2.36699E-05	3.05597	Week 6 up vs Week 1
10456005	NM_001042605 // Cd74 // CD74 antigen (invariant polypeptide of major histocompat	Cd74	9.7901E-11	3.09244	Week 6 up vs Week 1
10341702	---		1.18654E-06	3.1011	Week 6 up vs Week 1
10463836	NM_010362 // Gsto1 // glutathione S-transferase omega 1 // 19 D1 // 14873 /// EN	Gsto1	2.26432E-07	3.10524	Week 6 up vs Week 1
10572097	NM_028182 // Sh2d4a // SH2 domain containing 4A // 8 C1 // 72281 /// ENSMUST0000	Sh2d4a	7.56441E-06	3.10987	Week 6 up vs Week 1
10358124	NM_019645 // Pkp1 // plakophilin 1 // 1 E4 // 18772 /// ENSMUST00000027667 // Pk	Pkp1	1.32351E-05	3.11666	Week 6 up vs Week 1
10593035	NM_145403 // Tmprss4 // transmembrane protease, serine 4 // 9 A5.2 // 214523 ///	Tmprss4	1.46527E-06	3.11756	Week 6 up vs Week 1
10598075	---		5.56763E-06	3.12586	Week 6 up vs Week 1
10545168	NM_020047 // Tacstd2 // tumor-associated calcium signal transducer 2 // --- // 5	Tacstd2	0.000191287	3.12716	Week 6 up vs Week 1
10419034	BC049685 // 2610528A11Rik // RIKEN cDNA 2610528A11 gene // 14 B // 70045	2610528A11Rik	0.00151802	3.12932	Week 6 up vs Week 1
10548639	NM_198669 // Prb1 // proline-rich protein BstNI subfamily 1 // 6 G1 // 381833 //	Prb1	0.000392749	3.13182	Week 6 up vs Week 1
10596303	NM_019807 // Acpp // acid phosphatase, prostate // 9 F1 // 56318 /// NM_207668 /	Acpp	4.95909E-07	3.1321	Week 6 up vs Week 1
10513922	NM_001017427 // Rasef // RAS and EF hand domain containing // 4 C3 // 242505 ///	Rasef	4.17676E-06	3.1407	Week 6 up vs Week 1
10452316	NM_009778 // C3 // complement component 3 // 17 E1-E3|17 34.3 cM // 12266 /// EN	C3	1.68776E-09	3.14528	Week 6 up vs Week 1
10355312	NM_011770 // Ikzf2 // IKAROS family zinc finger 2 // 1 C3 // 22779 /// ENSMUST00	Ikzf2	7.30037E-07	3.14739	Week 6 up vs Week 1
10542335	NM_181444 // Gprc5a // G protein-coupled receptor, family C, group 5, member A /	Gprc5a	2.45564E-07	3.14776	Week 6 up vs Week 1
10462621	NM_001005858 // I830012O16Rik // RIKEN cDNA I830012O16 gene // 19 C1 // 667370 /	I830012O16Rik	9.31057E-05	3.15482	Week 6 up vs Week 1
10517401	NM_001013756 // Grhl3 // grainyhead-like 3 (Drosophila) // 4 D3 // 230824 /// EN	Grhl3	8.04318E-07	3.16423	Week 6 up vs Week 1
10453256	NM_153512 // Kcng3 // potassium voltage-gated channel, subfamily G, member 3 //	Kcng3	3.27232E-06	3.16477	Week 6 up vs Week 1
10608424	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.026036	3.16712	Week 6 up vs Week 1
10356764	NM_172411 // 2310007B03Rik // RIKEN cDNA 2310007B03 gene // 1 D // 71874 /// NM_	2310007B03Rik	1.90794E-05	3.16727	Week 6 up vs Week 1
10438592	NM_001083894 // Liph // lipase, member H // 16 B1|16 14.8 cM // 239759 /// NM_15	Liph	5.01376E-05	3.18751	Week 6 up vs Week 1
10358027	NM_007921 // Elf3 // E74-like factor 3 // 1 F // 13710 /// ENSMUST00000003135 //	Elf3	5.60523E-05	3.19591	Week 6 up vs Week 1
10338066	---		7.04169E-09	3.19812	Week 6 up vs Week 1
10591522	NM_001110300 // Ap1m2 // adaptor protein complex AP-1, mu 2 subunit // 9 A3|9 9.	Ap1m2	7.62494E-06	3.19892	Week 6 up vs Week 1
10589703	NM_008522 // Ltf // lactotransferrin // 9 F|9 70.2 cM // 17002 /// ENSMUST000000	Ltf	4.49674E-06	3.20037	Week 6 up vs Week 1
10427436	ENSMUST00000110689 // C7 // complement component 7 // 15 A1|15 3.0 cM // 109828	C7	6.50755E-08	3.20053	Week 6 up vs Week 1
10496438	NM_007409 // Adh1 // alcohol dehydrogenase 1 (class I) // 3 G3|3 71.2 cM // 1152	Adh1	6.98674E-06	3.20194	Week 6 up vs Week 1
10419160	---		8.3655E-11	3.20304	Week 6 up vs Week 1
10432734	BC118024 // 4732456N10Rik // RIKEN cDNA 4732456N10 gene // 15 F2 // 239673 /// N	4732456N10Rik	7.53498E-07	3.21676	Week 6 up vs Week 1
10451828	NM_018751 // Sult1c1 // sulfotransferase family, cytosolic, 1C, member 1 // 17 C	Sult1c1	1.76287E-09	3.22417	Week 6 up vs Week 1
10474936	NM_016907 // Spint1 // serine protease inhibitor, Kunitz type 1 // 2 E5 // 20732	Spint1	4.75177E-06	3.23322	Week 6 up vs Week 1
10343229	---		8.30557E-06	3.23494	Week 6 up vs Week 1
10442381	NM_175440 // Prss27 // protease, serine 27 // 17 A3.3|17 10.6 cM // 213171 /// E	Prss27	5.19417E-08	3.23509	Week 6 up vs Week 1
10507137	NM_026018 // Pdzk1ip1 // PDZK1 interacting protein 1 // 4 D1 // 67182 /// ENSMUS	Pdzk1ip1	6.27932E-07	3.24913	Week 6 up vs Week 1
10593260	NM_172922 // Ankk1 // ankyrin repeat and kinase domain containing 1 // 9 A5.3 //	Ankk1	4.43081E-07	3.24957	Week 6 up vs Week 1
10608342	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.0233419	3.25655	Week 6 up vs Week 1
10569102	NM_016850 // Irf7 // interferon regulatory factor 7 // 7 F5 // 54123 /// ENSMUST	Irf7	1.75695E-06	3.25951	Week 6 up vs Week 1
10351588	NM_027893 // Pvrl4 // poliovirus receptor-related 4 // --- // 71740 /// NM_00112	Pvrl4	3.61631E-06	3.26946	Week 6 up vs Week 1
10430174	NM_173786 // Apol9a // apolipoprotein L 9a // 15 E1 // 223672 /// NM_001162883 /	Apol9a	9.13904E-06	3.27846	Week 6 up vs Week 1
10584827	NM_007962 // Mpzl2 // myelin protein zero-like 2 // 9 A5.2|9 26.0 cM // 14012 //	Mpzl2	3.92568E-05	3.27901	Week 6 up vs Week 1
10605571	NM_212444 // Gyk // glycerol kinase // X C-D|X 33.0 cM // 14933 /// NM_008194 //	Gyk	2.60958E-06	3.28296	Week 6 up vs Week 1
10502590	NM_207208 // Clca6 // chloride channel calcium activated 6 // 3 H2 // 99663 ///	Clca6	3.24216E-08	3.30673	Week 6 up vs Week 1
10466606	NM_010730 // Anxa1 // annexin A1 // 19 B|19 18.0 cM // 16952 /// ENSMUST00000025	Anxa1	8.38235E-07	3.30757	Week 6 up vs Week 1
10608361	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.0259474	3.30955	Week 6 up vs Week 1
10582884	---		1.94494E-07	3.31174	Week 6 up vs Week 1
10523168	NM_053087 // Epgn // epithelial mitogen // 5 E2 // 71920 /// ENSMUST00000041516	Epgn	5.30647E-07	3.31276	Week 6 up vs Week 1
10390748	NM_172564 // Tns4 // tensin 4 // 11 D // 217169 /// ENSMUST00000017751 // Tns4 /	Tns4	0.000338102	3.33637	Week 6 up vs Week 1

10587315	NM_010357 // Gsta4 // glutathione S-transferase, alpha 4 // 9 E1 // 14860 /// EN	Gsta4	1.75753E-08	3.3371	Week 6 up vs Week 1
10608521	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.0151736	3.34237	Week 6 up vs Week 1
10608488	ENSMUST00000108733 // LOC665128 // similar to spermiogenesis specific transcript	LOC665128	0.0148902	3.3441	Week 6 up vs Week 1
10598077	---		3.1377E-06	3.35561	Week 6 up vs Week 1
10439087	NM_146071 // Muc20 // mucin 20 // 16 B3 // 224116 /// NM_001145874 // Muc20 // m	Muc20	4.51099E-07	3.35835	Week 6 up vs Week 1
10420488	BC145673 // D14Ertd668e // DNA segment, Chr 14, ERATO Doi 668, expressed // 14 C	D14Ertd668e	2.50111E-06	3.36627	Week 6 up vs Week 1
10371220	NM_010304 // Gna15 // guanine nucleotide binding protein, alpha 15 // 10 C1|10 4	Gna15	6.44299E-08	3.38614	Week 6 up vs Week 1
10439249	NM_001039530 // Parp14 // poly (ADP-ribose) polymerase family, member 14 // 16 B	Parp14	2.95499E-09	3.39291	Week 6 up vs Week 1
10535174	NM_001161548 // Tmem184a // transmembrane protein 184a // 5 G2 // 231832 /// NM_	Tmem184a	4.68311E-06	3.3956	Week 6 up vs Week 1
10410656	NM_009817 // Cast // calpastatin // 13 C1 // 12380 /// ENSMUST00000065629 // Cas	Cast	1.00875E-09	3.39636	Week 6 up vs Week 1
10490903	NM_024495 // Car13 // carbonic anhydrase 13 // 3 A2 // 71934 /// ENSMUST00000029	Car13	1.69929E-05	3.39665	Week 6 up vs Week 1
10385504	NM_001024230 // Gm5431 // predicted gene 5431 // 11 B1.2 // 432555 /// ENSMUST00	Gm5431	4.71659E-06	3.39832	Week 6 up vs Week 1
10500122	NM_134253 // Bnipl // BCL2/adenovirus E1B 19kD interacting protein like // 3 F2.	Bnipl	4.19352E-07	3.40524	Week 6 up vs Week 1
10608247	ENSMUST00000105540 // LOC100042196 // similar to spermiogenesis specific transcr	LOC100042196	0.026647	3.43419	Week 6 up vs Week 1
10475324	NM_009897 // Ckmt1 // creatine kinase, mitochondrial 1, ubiquitous // 2 F1-F3|2	Ckmt1	6.19063E-07	3.43699	Week 6 up vs Week 1
10439895	NM_009655 // Alcam // activated leukocyte cell adhesion molecule // 16 B5 // 116	Alcam	1.85493E-07	3.43996	Week 6 up vs Week 1
10502638	NM_178697 // Clca5 // chloride channel calcium activated 5 // 3 H2 // 229933 ///	Clca5	3.91272E-08	3.45859	Week 6 up vs Week 1
10540298	NM_007697 // Chl1 // cell adhesion molecule with homology to L1CAM // --- // 126	Chl1	1.05219E-05	3.4605	Week 6 up vs Week 1
10429584	---		8.84459E-06	3.47564	Week 6 up vs Week 1
10340337	---		7.52496E-09	3.48062	Week 6 up vs Week 1
10524631	NM_145209 // Oasl1 // 2'-5' oligoadenylate synthetase-like 1 // 5 F // 231655 //	Oasl1	2.15882E-07	3.48277	Week 6 up vs Week 1
10584604	NM_023655 // Trim29 // tripartite motif-containing 29 // 9 A5.1 // 72169 /// ENS	Trim29	0.000046537	3.49312	Week 6 up vs Week 1
10342923	---		1.10102E-05	3.51695	Week 6 up vs Week 1
10434808	NM_175165 // Tprg // transformation related protein 63 regulated // 16 B1 // 713	Tprg	9.83783E-07	3.52719	Week 6 up vs Week 1
10533246	NM_011852 // Oas1g // 2'-5' oligoadenylate synthetase 1G // 5 F|5 67.0 cM // 239	Oas1g	6.30036E-09	3.54643	Week 6 up vs Week 1
10395155	BC085288 // Fam110c // family with sequence similarity 110, member C // 12 A2 //	Fam110c	9.86891E-09	3.54915	Week 6 up vs Week 1
10416689	NM_001030294 // Olfm4 // olfactomedin 4 // 14 D3 // 380924 /// ENSMUST0000008873	Olfm4	2.24093E-08	3.55814	Week 6 up vs Week 1
10347948	NM_013673 // Sp100 // nuclear antigen Sp100 // 1 C5|1 50.0 cM // 20684 /// ENSMU	Sp100	1.29433E-08	3.55977	Week 6 up vs Week 1
10445061	NM_001099632 // Rnf39 // ring finger protein 39 // 17 B1 // 386454 /// ENSMUST00	Rnf39	4.24269E-07	3.58415	Week 6 up vs Week 1
10354418	NM_028696 // Obfc2a // oligonucleotide/oligosaccharide-binding fold containing 2	Obfc2a	2.08502E-08	3.58932	Week 6 up vs Week 1
10414360	NM_001145953 // Lgals3 // lectin, galactose binding, soluble 3 // 14 C1 // 16854	Lgals3	3.28396E-07	3.61485	Week 6 up vs Week 1
10545101	NM_019455 // Hpgds // hematopoietic prostaglandin D synthase // 6 D-E // 54486 /	Hpgds	3.11983E-06	3.61938	Week 6 up vs Week 1
10430166	NM_029419 // Apol7a // apolipoprotein L 7a // 15 E1 // 75761 /// ENSMUST00000109	Apol7a	9.80632E-10	3.62344	Week 6 up vs Week 1
10355105	AF362573 // AF362573 // cDNA sequence AF362573 // --- // 100126881	AF362573	3.7318E-11	3.6268	Week 6 up vs Week 1
10490080	NM_009996 // Cyp24a1 // cytochrome P450, family 24, subfamily a, polypeptide 1 /	Cyp24a1	6.25777E-06	3.62701	Week 6 up vs Week 1
10537169	NM_009731 // Akr1b7 // aldo-keto reductase family 1, member B7 // 6 B1|6 14.0 cM	Akr1b7	7.36418E-06	3.63559	Week 6 up vs Week 1
10597935	NM_133974 // Cdcp1 // CUB domain containing protein 1 // 9 F4 // 109332 /// ENSM	Cdcp1	5.50027E-07	3.64095	Week 6 up vs Week 1
10608460	ENSMUST00000115908 // LOC665698 // similar to spermiogenesis specific transcript	LOC665698	0.00488852	3.65198	Week 6 up vs Week 1
10487994	NM_198029 // Fermt1 // fermitin family homolog 1 (Drosophila) // 2 F2 // 241639	Fermt1	2.71571E-06	3.65557	Week 6 up vs Week 1
10512156	NM_016689 // Aqp3 // aquaporin 3 // --- // 11828 /// ENSMUST00000055327 // Aqp3	Aqp3	4.1691E-06	3.65916	Week 6 up vs Week 1
10472235	NM_029723 // Dapl1 // death associated protein-like 1 // 2 C3 // 76747 /// ENSMU	Dapl1	0.000626358	3.66223	Week 6 up vs Week 1
10607738	NM_181315 // Car5b // carbonic anhydrase 5b, mitochondrial // X F5 // 56078 ///	Car5b	4.38077E-06	3.66963	Week 6 up vs Week 1
10515282	NM_133681 // Tspan1 // tetraspanin 1 // 4 C7 // 66805 /// ENSMUST00000030465 //	Tspan1	4.16065E-07	3.69007	Week 6 up vs Week 1
10423921	NM_001130166 // Oxr1 // oxidation resistance 1 // 15 D1 // 170719 /// NM_130885	Oxr1	9.25098E-08	3.70566	Week 6 up vs Week 1
10435501	NM_001082543 // Stfa1 // stefin A1 // 16 B3|16 22.85 cM // 20861	Stfa1	7.87142E-07	3.71297	Week 6 up vs Week 1
10450154	NM_010378 // H2-Aa // histocompatibility 2, class II antigen A, alpha // 17 B1|1	H2-Aa	7.17747E-10	3.71603	Week 6 up vs Week 1
10362138	NM_011704 // Vnn1 // vanin 1 // 10 A1-B2 // 22361 /// ENSMUST00000041416 // Vnn1	Vnn1	1.55312E-08	3.71749	Week 6 up vs Week 1
10524621	NM_011854 // Oasl2 // 2'-5' oligoadenylate synthetase-like 2 // 5 F // 23962 ///	Oasl2	2.40756E-08	3.72357	Week 6 up vs Week 1
10499412	NM_016899 // Rab25 // RAB25, member RAS oncogene family // 3 E3-F1 // 53868 ///	Rab25	7.01816E-06	3.74801	Week 6 up vs Week 1
10343749	---		5.45807E-08	3.75392	Week 6 up vs Week 1
10598073	---		5.24798E-08	3.75478	Week 6 up vs Week 1
10417568	NM_146050 // Oit1 // oncoprotein induced transcript 1 // 14 A1 // 18300 /// ENSM	Oit1	3.55497E-08	3.8017	Week 6 up vs Week 1
10439936	NM_030612 // Nfkbiz // nuclear factor of kappa light polypeptide gene enhancer i	Nfkbiz	5.927E-12	3.80249	Week 6 up vs Week 1
10347915	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	1.28053E-08	3.81182	Week 6 up vs Week 1
10434778	NM_023386 // Rtp4 // receptor transporter protein 4 // 16 B1 // 67775 /// ENSMUS	Rtp4	1.92631E-06	3.82579	Week 6 up vs Week 1
10440643	NM_181490 // Cldn17 // claudin 17 // 16 C3.3 // 239931 /// ENSMUST00000069549 //	Cldn17	7.03859E-08	3.82636	Week 6 up vs Week 1
10421143	NM_010082 // Adam28 // a disintegrin and metallopeptidase domain 28 // 14 D2 //	Adam28	3.65352E-07	3.85096	Week 6 up vs Week 1
10356274	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	1.58242E-09	3.85578	Week 6 up vs Week 1
10530998	NM_178730 // Tmprss11f // transmembrane protease, serine 11f // 5 E1 // 243083 /	Tmprss11f	6.77486E-07	3.86645	Week 6 up vs Week 1
10483110	NM_027835 // Ifih1 // interferon induced with helicase C domain 1 // 2 C3 // 715	Ifih1	8.57248E-09	3.86846	Week 6 up vs Week 1
10585381	NM_028060 // Slc35f2 // solute carrier family 35, member F2 // 9 A5.3 // 72022 /	Slc35f2	3.48554E-06	3.89958	Week 6 up vs Week 1
10565152	ENSMUST00000098326 // 9330120H11Rik // RIKEN cDNA 9330120H11 gene // 7 D3 // 319	9330120H11Rik	1.88361E-05	3.90968	Week 6 up vs Week 1
10407416	NM_027416 // Calml3 // calmodulin-like 3 // 13 A1 // 70405 /// ENSMUST0000007769	Calml3	1.71517E-05	3.92804	Week 6 up vs Week 1
10351873	NM_175026 // Pyhin1 // pyrin and HIN domain family, member 1 // 1 H3 // 236312 /	Pyhin1	6.68242E-08	3.93204	Week 6 up vs Week 1
10608350	ENSMUST00000111407 // LOC100039552 // similar to spermiogenesis specific transcr	LOC100039552	0.013399	3.93358	Week 6 up vs Week 1

10461934	NM_153417 // Trpm6 // transient receptor potential cation channel, subfamily M,	Trpm6	1.37116E-07	3.94245	Week 6 up vs Week 1
10435112	NM_080457 // Muc4 // mucin 4 // 16 B3 // 140474 /// ENSMUST00000096106 // Muc4 /	Muc4	2.36203E-06	3.9445	Week 6 up vs Week 1
10513008	NM_010637 // Klf4 // Kruppel-like factor 4 (gut) // 4 B3|4 19.7 cM // 16600 ///	Klf4	6.37687E-08	3.94944	Week 6 up vs Week 1
10408557	NM_025429 // Serpinb1a // serine (or cysteine) peptidase inhibitor, clade B, mem	Serpinb1a	3.57693E-08	3.94987	Week 6 up vs Week 1
10566358	NM_009099 // Trim30 // tripartite motif-containing 30 // 7 E3|7 50.4 cM // 20128	Trim30	1.01621E-07	3.96735	Week 6 up vs Week 1
10394119	NM_178763 // Zfp750 // zinc finger protein 750 // 11 E2 // 319530 /// ENSMUST000	Zfp750	3.75192E-07	3.97716	Week 6 up vs Week 1
10549655	NM_026146 // Eps8l1 // EPS8-like 1 // 7 A1 // 67425 /// ENSMUST00000086372 // Ep	Eps8l1	1.71484E-06	3.98201	Week 6 up vs Week 1
10538590	ENSMUST00000031817 // Herc5 // hect domain and RLD 5 // 6 C1|6 // 67138 /// ENSM	Herc5	5.96353E-09	4.00746	Week 6 up vs Week 1
10522411	BC016523 // C130090K23Rik // RIKEN cDNA C130090K23 gene // 5 C3.2 // 231293 ///	C130090K23Ril	0.000001994	4.01037	Week 6 up vs Week 1
10557862	NM_001082960 // Itgam // integrin alpha M // 7 F4 // 16409 /// NM_008401 // Itga	Itgam	9.11581E-07	4.0121	Week 6 up vs Week 1
10432682	NM_028770 // Krt80 // keratin 80 // 15 F3|15 // 74127 /// ENSMUST00000077196 //	Krt80	1.1424E-07	4.01227	Week 6 up vs Week 1
10379636	NM_011410 // Slfn4 // schlafen 4 // 11 C // 20558 /// ENSMUST00000000208 // Slfn	Slfn4	5.01847E-08	4.02171	Week 6 up vs Week 1
10608482	ENSMUST00000115889 // LOC665746 // similar to spermiogenesis specific transcript	LOC665746	0.0107899	4.04235	Week 6 up vs Week 1
10458828	NM_033037 // Cdo1 // cysteine dioxygenase 1, cytosolic // 18 C|18 23.0 cM // 125	Cdo1	7.07349E-07	4.04315	Week 6 up vs Week 1
10533198	NM_145227 // Oas2 // 2'-5' oligoadenylate synthetase 2 // 5 F|5 67.2 cM // 24672	Oas2	1.93986E-07	4.04524	Week 6 up vs Week 1
10375515	NM_008330 // Ifi47 // interferon gamma inducible protein 47 // 11 B1.2 // 15953	Ifi47	2.2391E-10	4.04811	Week 6 up vs Week 1
10498653	NM_133675 // 1110032A04Rik // RIKEN cDNA 1110032A04 gene // 3 E3 // 66183 /// EN	1110032A04Rik	8.48843E-09	4.05019	Week 6 up vs Week 1
10467206	NM_016854 // Ppp1r3c // protein phosphatase 1, regulatory (inhibitor) subunit 3C	Ppp1r3c	7.3897E-06	4.05628	Week 6 up vs Week 1
10361887	NM_022032 // Perp // PERP, TP53 apoptosis effector // 10 A2 // 64058 /// ENSMUST	Perp	1.79258E-07	4.07408	Week 6 up vs Week 1
10582985	NM_009807 // Casp1 // caspase 1 // 9 A1|9 1.0 cM // 12362 /// BC008152 // Casp1	Casp1	2.1004E-11	4.07432	Week 6 up vs Week 1
10487441	NM_010762 // Mal // myelin and lymphocyte protein, T-cell differentiation protei	Mal	7.88727E-07	4.08743	Week 6 up vs Week 1
10439292	NM_001082546 // BC100530 // cDNA sequence BC100530 // 16 B3 // 100034684 /// NM_	BC100530	2.64037E-06	4.09374	Week 6 up vs Week 1
10496324	NM_001135149 // Slc39a8 // solute carrier family 39 (metal ion transporter), mem	Slc39a8	3.0356E-07	4.11176	Week 6 up vs Week 1
10608107	NM_009484 // Uty // ubiquitously transcribed tetratricopeptide repeat gene, Y ch	Uty	0.0257452	4.11521	Week 6 up vs Week 1
10487447	NM_145532 // Mall // mal, T-cell differentiation protein-like // 2 F1 // 228576	Mall	6.36328E-09	4.11681	Week 6 up vs Week 1
10480238	NM_145838 // St8sia6 // ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransfera	St8sia6	2.05624E-07	4.12717	Week 6 up vs Week 1
10475517	ENSMUST00000047498 // AA467197 // expressed sequence AA467197 // 2 E5 // 433470	AA467197	1.33714E-10	4.1272	Week 6 up vs Week 1
10541307	NM_011909 // Usp18 // ubiquitin specific peptidase 18 // 6 F|6 56.0 cM // 24110	Usp18	1.3999E-09	4.1275	Week 6 up vs Week 1
10416850	NM_022886 // Scel // sciellin // 14 E // 64929 /// ENSMUST00000095576 // Scel //	Scel	3.66064E-06	4.12936	Week 6 up vs Week 1
10338047	---		7.0037E-10	4.13131	Week 6 up vs Week 1
10460253	ENSMUST00000100032 // Aldh3b2 // aldehyde dehydrogenase 3 family, member B2 // 1	Aldh3b2	3.27242E-05	4.13928	Week 6 up vs Week 1
10556734	NM_054094 // Acsm1 // acyl-CoA synthetase medium-chain family member 1 // 7 F3 /	Acsm1	0.000373241	4.20227	Week 6 up vs Week 1
10548653	NM_001024705 // Prpmp5 // proline-rich protein MP5 // 6 G1 // 381832 /// ENSMUST	Prpmp5	0.000149156	4.22751	Week 6 up vs Week 1
10368092	NM_019487 // Hebp2 // heme binding protein 2 // 10 A2 // 56016 /// ENSMUST000000	Hebp2	1.18007E-09	4.24254	Week 6 up vs Week 1
10565204	NM_007562 // Bnc1 // basonuclin 1 // 7 D3 // 12173 /// ENSMUST00000026096 // Bnc	Bnc1	0.000159442	4.26421	Week 6 up vs Week 1
10582879	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	6.79373E-10	4.26843	Week 6 up vs Week 1
10561478	NM_001081115 // Nccrp1 // non-specific cytotoxic cell receptor protein 1 homolog	Nccrp1	2.61535E-07	4.29179	Week 6 up vs Week 1
10423623	BC030476 // BC030476 // cDNA sequence BC030476 // 15 B3.1 // 239368 /// BC099414	BC030476	0.000135351	4.29586	Week 6 up vs Week 1
10445678	BC006605 // AI661453 // expressed sequence AI661453 // 17 C // 224833 /// NM_145	AI661453	6.06143E-07	4.3131	Week 6 up vs Week 1
10502606	NM_207208 // Clca6 // chloride channel calcium activated 6 // 3 H2 // 99663 ///	Clca6	8.47121E-08	4.34256	Week 6 up vs Week 1
10534945	NM_007819 // Cyp3a13 // cytochrome P450, family 3, subfamily a, polypeptide 13 /	Cyp3a13	6.51215E-08	4.35633	Week 6 up vs Week 1
10474102	---		1.59324E-06	4.35882	Week 6 up vs Week 1
10439500	NM_178924 // Upk1b // uroplakin 1B // 16 B5-C2 // 22268 /// ENSMUST00000057767 /	Upk1b	1.04935E-05	4.37174	Week 6 up vs Week 1
10425049	NM_173743 // Apol9b // apolipoprotein L 9b // 15 E1 // 71898 /// NM_001162883 //	Apol9b	2.4842E-07	4.39319	Week 6 up vs Week 1
10603109	NM_011081 // Piga // phosphatidylinositol glycan anchor biosynthesis, class A //	Piga	2.79474E-07	4.41285	Week 6 up vs Week 1
10347925	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	3.06484E-09	4.4338	Week 6 up vs Week 1
10511560	NM_194055 // Esrp1 // epithelial splicing regulatory protein 1 // 4 A1 // 207920	Esrp1	8.34114E-06	4.46669	Week 6 up vs Week 1
10437516	NM_008909 // Ppl // periplakin // 16 A-B1|16 4.4 cM // 19041 /// ENSMUST00000035	Ppl	1.90211E-06	4.47223	Week 6 up vs Week 1
10447383	NM_008532 // Epcam // epithelial cell adhesion molecule // 17 E4 // 17075 /// EN	Epcam	3.91393E-07	4.49256	Week 6 up vs Week 1
10531724	NM_139198 // Plac8 // placenta-specific 8 // 5 E3|5 54.0 cM // 231507 /// ENSMUS	Plac8	5.20301E-07	4.51051	Week 6 up vs Week 1
10376765	NM_007436 // Aldh3a1 // aldehyde dehydrogenase family 3, subfamily A1 // 11 B2|1	Aldh3a1	0.000362127	4.51195	Week 6 up vs Week 1
10507152	NM_172306 // Cyp4a12b // cytochrome P450, family 4, subfamily a, polypeptide 12B	Cyp4a12b	2.63038E-05	4.52695	Week 6 up vs Week 1
10604528	NM_134163 // Mbnl3 // muscleblind-like 3 (Drosophila) // X A5 // 171170 /// ENSM	Mbnl3	9.63536E-08	4.54044	Week 6 up vs Week 1
10554034	DQ646881 // Lass3 // LAG1 homolog, ceramide synthase 3 // 7 C // 545975 /// DQ35	Lass3	3.91101E-07	4.57275	Week 6 up vs Week 1
10445251	NM_133776 // Gpr110 // G protein-coupled receptor 110 // 17 B3 // 77596 /// ENSM	Gpr110	2.18155E-06	4.57552	Week 6 up vs Week 1
10493794	NM_025393 // S100a14 // S100 calcium binding protein A14 // 3 F2 // 66166 /// EN	S100a14	4.13543E-06	4.58398	Week 6 up vs Week 1
10355967	NM_183027 // Ap1s3 // adaptor-related protein complex AP-1, sigma 3 // 1 C4 // 2	Ap1s3	2.3601E-09	4.59244	Week 6 up vs Week 1
10349166	NM_198028 // Serpinb10 // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb10	9.68876E-08	4.62373	Week 6 up vs Week 1
10352815	NM_016851 // Irf6 // interferon regulatory factor 6 // 1 H6|1 104.0 cM // 54139	Irf6	2.63442E-06	4.63267	Week 6 up vs Week 1
10507143	NM_177406 // Cyp4a12a // cytochrome P450, family 4, subfamily a, polypeptide 12a	Cyp4a12a	6.60988E-06	4.66014	Week 6 up vs Week 1
10356262	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_013673 //	Gm7609	6.2414E-11	4.68669	Week 6 up vs Week 1
10424245	NM_173862 // Fam83a // family with sequence similarity 83, member A // 15 D1 //	Fam83a	0.0002049	4.70598	Week 6 up vs Week 1
10521892	NM_011402 // Slc34a2 // solute carrier family 34 (sodium phosphate), member 2 //	Slc34a2	6.64898E-06	4.70615	Week 6 up vs Week 1
10349174	NM_011459 // Serpinb8 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb8	6.18196E-08	4.72148	Week 6 up vs Week 1
10432780	NM_008476 // Krt6a // keratin 6A // 15 F2|15 58.77 cM // 16687 /// ENSMUST000000	Krt6a	1.26961E-06	4.74351	Week 6 up vs Week 1

10368343	NM_007482 // Arg1 // arginase, liver // 10 A4 // 11846 /// ENSMUST00000020161 //	Arg1	3.04215E-07	4.74608	Week 6 up vs Week 1
10457686	NM_013505 // Dsc2 // desmocollin 2 // 18 A2|18 7.0 cM // 13506 /// ENSMUST000000	Dsc2	3.22883E-06	4.75774	Week 6 up vs Week 1
10462575	NM_023903 // Lipm // lipase, family member M // 19 C1 // 78753 /// ENSMUST000000	Lipm	2.44764E-06	4.78213	Week 6 up vs Week 1
10558687	NM_029821 // 1190003J15Rik // RIKEN cDNA 1190003J15 gene // 7 F5 // 76974 /// EN	1190003J15Rik	1.73677E-06	4.7847	Week 6 up vs Week 1
10368317	NM_134005 // Enpp3 // ectonucleotide pyrophosphatase/phosphodiesterase 3 // 10 A	Enpp3	5.67389E-08	4.81325	Week 6 up vs Week 1
10595070	BC120577 // Fam83b // family with sequence similarity 83, member B // 9 D // 208	Fam83b	3.54427E-06	4.84763	Week 6 up vs Week 1
10379630	NM_011408 // Slfn2 // schlafen 2 // 11 C|11 48.0 cM // 20556 /// ENSMUST00000038	Slfn2	4.53623E-10	4.89644	Week 6 up vs Week 1
10444674	NM_023463 // Ly6g6c // lymphocyte antigen 6 complex, locus G6C // 17 B1 // 68468	Ly6g6c	0.000011862	4.94497	Week 6 up vs Week 1
10450161	NM_010381 // H2-Ea // histocompatibility 2, class II antigen E alpha // 17 B1|17	H2-Ea	3.354E-12	4.96236	Week 6 up vs Week 1
10402347	NM_029803 // Ifi27l2a // interferon, alpha-inducible protein 27 like 2A // 12 E	Ifi27l2a	3.83185E-10	5.00472	Week 6 up vs Week 1
10492815	NM_177260 // Tmem154 // transmembrane protein 154 // 3 F1 // 320782 /// ENSMUST0	Tmem154	9.98531E-09	5.02052	Week 6 up vs Week 1
10338365	---		1.32995E-06	5.02175	Week 6 up vs Week 1
10496457	ENSMUST00000090166 // Adh6b // alcohol dehydrogenase 6B (class V) // 3 G3 // 229	Adh6b	3.97554E-06	5.19622	Week 6 up vs Week 1
10414065	NM_013473 // Anxa8 // annexin A8 // 14 B|14 13.0 cM // 11752 /// ENSMUST00000022	Anxa8	1.41881E-05	5.20119	Week 6 up vs Week 1
10530960	NM_145561 // Tmprss11d // transmembrane protease, serine 11d // 5 E1 // 231382 /	Tmprss11d	0.000137603	5.20239	Week 6 up vs Week 1
10368947	NM_172393 // Aim1 // absent in melanoma 1 // 10 B2|10 29.0 cM // 11630 /// ENSMU	Aim1	3.56623E-07	5.26065	Week 6 up vs Week 1
10345065	NM_001077353 // Gsta3 // glutathione S-transferase, alpha 3 // 1 A4|1 15.0 cM //	Gsta3	5.48373E-09	5.30706	Week 6 up vs Week 1
10454113	NM_010079 // Dsg1a // desmoglein 1 alpha // 18 A2|18 7.01 cM // 13510 /// NM_181	Dsg1a	0.000260823	5.3136	Week 6 up vs Week 1
10448409	NM_133731 // Prss22 // protease, serine, 22 // 17 A3.3|17 10.7 cM // 70835 /// E	Prss22	1.06082E-07	5.35174	Week 6 up vs Week 1
10567366	NM_025989 // Gp2 // glycoprotein 2 (zymogen granule membrane) // 7 F1-F2|7 55.0	Gp2	6.5424E-11	5.36205	Week 6 up vs Week 1
10561008	NM_001039185 // Ceacam1 // carcinoembryonic antigen-related cell adhesion molecu	Ceacam1	2.76422E-09	5.46536	Week 6 up vs Week 1
10564539	NM_001024703 // Mctp2 // multiple C2 domains, transmembrane 2 // 7 D1 // 244049	Mctp2	3.49777E-07	5.50123	Week 6 up vs Week 1
10575833	NM_008290 // Hsd17b2 // hydroxysteroid (17-beta) dehydrogenase 2 // 8 E1 // 1548	Hsd17b2	3.48917E-07	5.52658	Week 6 up vs Week 1
10530986	NM_177162 // 9930032O22Rik // RIKEN cDNA 9930032O22 gene // 5 E1 // 320454 /// E	9930032O22Rik	4.5064E-06	5.55023	Week 6 up vs Week 1
10379731	NM_007969 // Expi // extracellular proteinase inhibitor // 11 C // 14038 /// ENS	Expi	6.0778E-11	5.60672	Week 6 up vs Week 1
10338064	---		1.12389E-10	5.61954	Week 6 up vs Week 1
10399202	ENSMUST00000048880 // Macc1 // metastasis associated in colon cancer 1 // 12 F2	Macc1	2.9564E-09	5.63282	Week 6 up vs Week 1
10604984	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	2.8636E-09	5.66142	Week 6 up vs Week 1
10502801	NM_031367 // H28 // histocompatibility 28 // 3 H3|3 82.5 cM // 15061 /// ENSMUST	H28	8.63587E-08	5.66295	Week 6 up vs Week 1
10400072	NM_001146196 // Scin // scinderin // 12 B1 // 20259 /// NM_009132 // Scin // sci	Scin	2.68545E-06	5.69274	Week 6 up vs Week 1
10551293	NM_007817 // Cyp2f2 // cytochrome P450, family 2, subfamily f, polypeptide 2 //	Cyp2f2	0.000144396	5.72447	Week 6 up vs Week 1
10529819	NM_008009 // Fgfbp1 // fibroblast growth factor binding protein 1 // 5 B3 // 141	Fgfbp1	2.51017E-07	5.76534	Week 6 up vs Week 1
10600131	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	6.99283E-09	5.81196	Week 6 up vs Week 1
10574560	BC117742 // 2310038E17Rik // RIKEN cDNA 2310038E17 gene // 8 D3 // 71903 /// BC1	2310038E17Rik	1.5517E-09	5.83983	Week 6 up vs Week 1
10387855	NM_009660 // Alox15 // arachidonate 15-lipoxygenase // 11 B3|11 40.0 cM // 11687	Alox15	3.37144E-07	5.84775	Week 6 up vs Week 1
10338065	---		1.11861E-10	5.85512	Week 6 up vs Week 1
10542911	NM_010156 // Samd9l // sterile alpha motif domain containing 9-like // 6 A1-A2 /	Samd9l	3.80008E-10	5.89117	Week 6 up vs Week 1
10466659	NM_010266 // Gda // guanine deaminase // 19 B|19 15.5 cM // 14544 /// ENSMUST000	Gda	5.19714E-09	6.00774	Week 6 up vs Week 1
10409713	NM_022317 // Slc28a3 // solute carrier family 28 (sodium-coupled nucleoside tran	Slc28a3	3.19828E-08	6.04421	Week 6 up vs Week 1
10454154	NM_030596 // Dsg3 // desmoglein 3 // 18 A2|18 7.04 cM // 13512 /// ENSMUST000000	Dsg3	5.91371E-07	6.11782	Week 6 up vs Week 1
10580635	NM_053200 // Ces3 // carboxylesterase 3 // 8 C5 // 104158 /// ENSMUST00000034172	Ces3	1.44999E-06	6.14307	Week 6 up vs Week 1
10390841	NM_010661 // Krt12 // keratin 12 // 11 D|11 58.0 cM // 268482 /// ENSMUST0000001	Krt12	0.000667968	6.16632	Week 6 up vs Week 1
10365640	NM_145423 // Slc5a8 // solute carrier family 5 (iodide transporter), member 8 //	Slc5a8	2.88172E-09	6.18866	Week 6 up vs Week 1
10400304	NM_028133 // Egln3 // EGL nine homolog 3 (C. elegans) // 12 C1 // 112407 /// ENS	Egln3	9.41135E-07	6.20981	Week 6 up vs Week 1
10539739	NM_026414 // Asprv1 // aspartic peptidase, retroviral-like 1 // 6 D1 // 67855 //	Asprv1	1.04789E-08	6.46298	Week 6 up vs Week 1
10502791	NM_133871 // Ifi44 // interferon-induced protein 44 // 3 H3 // 99899 /// ENSMUST	Ifi44	1.59753E-06	6.47483	Week 6 up vs Week 1
10502575	NM_139148 // Clca4 // chloride channel calcium activated 4 // 3 H2-H3 // 229927	Clca4	4.66029E-09	6.48341	Week 6 up vs Week 1
10485445	NM_007914 // Ehf // ets homologous factor // 2 E2 // 13661 /// ENSMUST0000009047	Ehf	7.75174E-08	6.5714	Week 6 up vs Week 1
10606495	NM_181579 // Pof1b // premature ovarian failure 1B // X E1 // 69693 /// ENSMUST0	Pof1b	1.73644E-06	6.61214	Week 6 up vs Week 1
10499948	NM_001039594 // Lce3a // late cornified envelope 3A // 3 F1|3 // 545548 /// ENSM	Lce3a	1.5E-14	6.62982	Week 6 up vs Week 1
10583071	NM_010809 // Mmp3 // matrix metallopeptidase 3 // 9 A1|9 1.0 cM // 17392 /// ENS	Mmp3	5.976E-11	6.63762	Week 6 up vs Week 1
10531009	NM_177024 // Tmprss11b // transmembrane protease, serine 11b // 5 E1 // 319875 /	Tmprss11b	8.96367E-07	6.65493	Week 6 up vs Week 1
10483249	NM_015736 // Galnt3 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylga	Galnt3	1.39289E-09	6.65686	Week 6 up vs Week 1
10608138	NM_012008 // Ddx3y // DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked // Y A1	Ddx3y	0.00884253	6.6653	Week 6 up vs Week 1
10377673	NM_016887 // Cldn7 // claudin 7 // 11 B4 // 53624 /// ENSMUST00000018713 // Cldn	Cldn7	7.47806E-09	6.6686	Week 6 up vs Week 1
10352827	ENSMUST00000016334 // A130010J15Rik // RIKEN cDNA A130010J15 gene // 1 H6 // 319	A130010J15Rik	1.28284E-10	6.84725	Week 6 up vs Week 1
10498361	NM_032399 // Gpr87 // G protein-coupled receptor 87 // 3 D // 84111 /// ENSMUST0	Gpr87	8.91455E-08	6.8714	Week 6 up vs Week 1
10450525	AB242596 // Gm9573 // predicted gene 9573 // 17 B1|17 // 672682	Gm9573	4.0685E-08	6.88106	Week 6 up vs Week 1
10608001	NM_012011 // Eif2s3y // eukaryotic translation initiation factor 2, subunit 3, s	Eif2s3y	0.0112857	6.92785	Week 6 up vs Week 1
10571984	NM_001081215 // Ddx60 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 // 8 B3.1 //	Ddx60	1.11889E-07	6.95764	Week 6 up vs Week 1
10513320	NM_025968 // Ptgr1 // prostaglandin reductase 1 // 4 C1 // 67103 /// ENSMUST0000	Ptgr1	2.82769E-07	7.03952	Week 6 up vs Week 1
10531022	NM_172880 // Tmprss11e // transmembrane protease, serine 11e // 5 E1 // 243084 /	Tmprss11e	1.30298E-06	7.14366	Week 6 up vs Week 1
10439282	NM_001033239 // Csta // cystatin A // 16 B3 // 209294 /// ENSMUST00000096090 //	Csta	1.7129E-07	7.21041	Week 6 up vs Week 1
10426767	NM_009701 // Aqp5 // aquaporin 5 // 15 F1|15 56.8 cM // 11830 /// ENSMUST0000004	Aqp5	1.12992E-06	7.25496	Week 6 up vs Week 1
10467115	NM_024204 // Ankrd22 // ankyrin repeat domain 22 // 19 C1|19 24.0 cM // 52024 //	Ankrd22	6.03747E-09	7.40253	Week 6 up vs Week 1

10404649	NM_023842 // Dsp // desmoplakin // 13 A3.3 // 109620	Dsp	5.5105E-08	7.5327	Week 6 up vs Week 1
10404132	NM_001111110 // Cmah // cytidine monophospho-N-acetylneuraminic acid hydroxylase	Cmah	3.29045E-09	7.53929	Week 6 up vs Week 1
10493910	NM_001034860 // Gm4858 // predicted gene 4858 // 3 F1|3 // 229571 /// ENSMUST000	Gm4858	5.43051E-09	7.62372	Week 6 up vs Week 1
10349138	NM_025867 // Serpinb11 // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb11	5.25497E-07	7.78699	Week 6 up vs Week 1
10487588	NM_010554 // Il1a // interleukin 1 alpha // 2 F|2 73.0 cM // 16175 /// ENSMUST00	Il1a	3.87338E-08	7.88599	Week 6 up vs Week 1
10521038	NM_019810 // Slc5a1 // solute carrier family 5 (sodium/glucose cotransporter), m	Slc5a1	3.97443E-09	7.99013	Week 6 up vs Week 1
10457669	NM_007882 // Dsc3 // desmocollin 3 // 18 A2|18 7.0 cM // 13507 /// ENSMUST000001	Dsc3	1.8971E-06	8.11267	Week 6 up vs Week 1
10462623	NM_008331 // Ifit1 // interferon-induced protein with tetratricopeptide repeats	Ifit1	1.00918E-09	8.15171	Week 6 up vs Week 1
10484520	BC120879 // 4833423E24Rik // RIKEN cDNA 4833423E24 gene // 2 D // 228151 /// ENS	4833423E24Rik	2.20999E-08	8.20273	Week 6 up vs Week 1
10464137	BC090250 // 9930023K05Rik // RIKEN cDNA 9930023K05 gene // 19 D2 // 226245 /// B	9930023K05Rik	2.8623E-08	8.24168	Week 6 up vs Week 1
10496425	NM_009626 // Adh7 // alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide	Adh7	1.1204E-09	8.49167	Week 6 up vs Week 1
10408861	NM_175417 // 9530008L14Rik // RIKEN cDNA 9530008L14 gene // 13 A4 // 109254 ///	9530008L14Rik	2.01395E-07	8.57729	Week 6 up vs Week 1
10429506	NM_026671 // Lypd2 // Ly6/Plaur domain containing 2 // 15 E1 // 68311 /// ENSMUS	Lypd2	3.58083E-05	8.62994	Week 6 up vs Week 1
10340474	---		0.00149212	8.63408	Week 6 up vs Week 1
10338067	---		3.477E-12	8.85262	Week 6 up vs Week 1
10360398	NM_008327 // Ifi202b // interferon activated gene 202B // 1 H3 // 26388 /// NM_0	Ifi202b	1.46672E-08	9.50105	Week 6 up vs Week 1
10605034	NM_183094 // Xlr4c // X-linked lymphocyte-regulated 4C // X A7.3 // 72891 /// NM	Xlr4c	1.63831E-08	9.55953	Week 6 up vs Week 1
10349108	NM_009257 // Serpinb5 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb5	8.44202E-07	9.75735	Week 6 up vs Week 1
10599008	NM_020049 // Slc6a14 // solute carrier family 6 (neurotransmitter transporter),	Slc6a14	7.78972E-09	9.83183	Week 6 up vs Week 1
10530974	NM_001033233 // Tmprss11a // transmembrane protease, serine 11a // 5 E1 // 19459	Tmprss11a	1.25706E-05	9.93196	Week 6 up vs Week 1
10455395	NM_001081180 // Spink5 // serine peptidase inhibitor, Kazal type 5 // 18 B3|18 2	Spink5	3.927E-12	10.0418	Week 6 up vs Week 1
10342476	---		4.31729E-06	10.5589	Week 6 up vs Week 1
10429500	NM_020519 // Slurp1 // secreted Ly6/Plaur domain containing 1 // 15 D3 // 57277	Slurp1	8.19701E-07	10.7879	Week 6 up vs Week 1
10474467	NM_172979 // Muc15 // mucin 15 // 2 E3 // 269328 /// ENSMUST00000111017 // Muc15	Muc15	4.49934E-09	11.1433	Week 6 up vs Week 1
10550509	NM_009402 // Pglyrp1 // peptidoglycan recognition protein 1 // 7 A3 // 21946 ///	Pglyrp1	2.849E-12	11.6341	Week 6 up vs Week 1
10585186	NM_029639 // 1600029D21Rik // RIKEN cDNA 1600029D21 gene // 9 B // 76509 /// ENS	1600029D21Rik	5.671E-11	12.2854	Week 6 up vs Week 1
10424113	NM_178920 // Mal2 // mal, T-cell differentiation protein 2 // 15 D1 // 105853 //	Mal2	1.43022E-07	13.8303	Week 6 up vs Week 1
10469786	NM_153511 // Il1f9 // interleukin 1 family, member 9 // 2 A3|2 10.25 cM // 21525	Il1f9	3.8E-14	20.4952	Week 6 up vs Week 1
10424662	NM_028216 // Psca // prostate stem cell antigen // 15 D3 // 72373 /// ENSMUST000	Psca	6.22826E-09	31.9408	Week 6 up vs Week 1

Week 6 vs 2 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 6 vs. Week 2)	Fold-Change(Week 6 vs. Week 2)	Fold-Change(Week 6 vs. Week 2) (Description)
10606178	NR_001463 // Xist // inactive X specific transcripts // X D // 213742 /// NR_001	Xist	0.000118227	-61.4436	Week 6 down vs Week 2
10338153	---		5.32627E-07	-7.28773	Week 6 down vs Week 2
10343794	---		2.5465E-11	-7.05925	Week 6 down vs Week 2
10582582	---		3.03535E-06	-6.89341	Week 6 down vs Week 2
10582584	---		3.03535E-06	-6.89341	Week 6 down vs Week 2
10340926	---		4.42603E-08	-6.53704	Week 6 down vs Week 2
10343030	---		0.000231474	-6.05847	Week 6 down vs Week 2
10341131	---		8.11201E-06	-5.63333	Week 6 down vs Week 2
10582580	---		1.33872E-06	-5.34631	Week 6 down vs Week 2
10603911	---		1.12214E-08	-5.28636	Week 6 down vs Week 2
10339292	---		8.991E-12	-5.22672	Week 6 down vs Week 2
10338732	---		7.72499E-05	-5.2187	Week 6 down vs Week 2
10343508	---		2.25286E-08	-5.16619	Week 6 down vs Week 2
10563112	NR_001277 // Snord33 // small nucleolar RNA, C/D box 33 // 7 B4 // 27208	Snord33	2.808E-12	-5.08844	Week 6 down vs Week 2
10341771	---		9.91037E-05	-4.97047	Week 6 down vs Week 2
10341175	---		5.33628E-05	-4.5937	Week 6 down vs Week 2
10338332	---		0.00061009	-4.35509	Week 6 down vs Week 2
10534343	NM_007925 // Eln // elastin // 5 G2|5 75.0 cM // 13717 /// ENSMUST00000015138 //	Eln	1.60073E-08	-4.32712	Week 6 down vs Week 2
10378438	---		3.57774E-06	-4.10221	Week 6 down vs Week 2
10339802	---		1.56271E-08	-4.09629	Week 6 down vs Week 2
10338025	---		5.12763E-09	-3.99483	Week 6 down vs Week 2
10339282	---		0.000373949	-3.98461	Week 6 down vs Week 2
10455015	NR_027885 // Vaultrc5 // vault RNA component 5 // --- // 378472	Vaultrc5	1.30336E-05	-3.94283	Week 6 down vs Week 2
10341626	---		9.816E-12	-3.92571	Week 6 down vs Week 2
10521537	NM_001081106 // Cytl1 // cytokine-like 1 // 5 B3 // 231162 /// ENSMUST0000007355	Cytl1	2.2463E-08	-3.83291	Week 6 down vs Week 2
10338036	---		2.26136E-08	-3.74562	Week 6 down vs Week 2
10343450	---		4.87296E-07	-3.72663	Week 6 down vs Week 2
10342425	---		1.92026E-10	-3.68371	Week 6 down vs Week 2
10343290	---		6.26873E-07	-3.65557	Week 6 down vs Week 2
10343447	---		9.03538E-06	-3.63581	Week 6 down vs Week 2
10582572	---		1.84006E-06	-3.63239	Week 6 down vs Week 2
10339358	---		4.96873E-10	-3.63151	Week 6 down vs Week 2
10340530	---		3E-15	-3.62331	Week 6 down vs Week 2
10339219	---		1.81452E-06	-3.59968	Week 6 down vs Week 2
10599096	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.04708E-06	-3.58833	Week 6 down vs Week 2
10603975	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.04708E-06	-3.58833	Week 6 down vs Week 2
10378216	NM_016745 // Atp2a3 // ATPase, Ca++ transporting, ubiquitous // 11 B4 // 53313 /	Atp2a3	2.60407E-08	-3.58244	Week 6 down vs Week 2
10599075	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.31652E-06	-3.57158	Week 6 down vs Week 2
10599107	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.31652E-06	-3.57158	Week 6 down vs Week 2
10603964	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.31652E-06	-3.57158	Week 6 down vs Week 2
10603997	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.31652E-06	-3.57158	Week 6 down vs Week 2
10604008	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.31652E-06	-3.57158	Week 6 down vs Week 2
10599064	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	1.12356E-06	-3.555	Week 6 down vs Week 2
10338029	---		3.26146E-08	-3.54996	Week 6 down vs Week 2
10603232	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	2.05471E-05	-3.53077	Week 6 down vs Week 2
10603237	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	2.05471E-05	-3.53077	Week 6 down vs Week 2
10340999	---		5.8261E-06	-3.48394	Week 6 down vs Week 2
10341331	---		8.03647E-07	-3.47644	Week 6 down vs Week 2
10603986	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.11264E-06	-3.4655	Week 6 down vs Week 2
10604023	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.11264E-06	-3.4655	Week 6 down vs Week 2
10342996	---		5.91575E-06	-3.45695	Week 6 down vs Week 2
10343507	---		5.76834E-07	-3.42183	Week 6 down vs Week 2
10338044	---		4.91305E-09	-3.41305	Week 6 down vs Week 2
10338264	---		2.98127E-06	-3.35248	Week 6 down vs Week 2
10603953	NM_001040669 // Gm5169 // predicted gene 5169 // X A2 // 382277 /// NM_001109970	Gm5169	3.26692E-06	-3.32061	Week 6 down vs Week 2
10598218	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	4.76814E-05	-3.29311	Week 6 down vs Week 2
10598183	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	3.87239E-05	-3.268	Week 6 down vs Week 2
10340387	---		7.34239E-07	-3.25219	Week 6 down vs Week 2
10343263	---		3.35292E-07	-3.24682	Week 6 down vs Week 2
10441794	NM_030726 // Mrgprh // MAS-related GPR, member H // 17 A1 // 80978 /// ENSMUST00	Mrgprh	3.15327E-08	-3.23814	Week 6 down vs Week 2
10598225	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	7.11598E-05	-3.23813	Week 6 down vs Week 2
10408200	NM_175655 // Hist1h4f // histone cluster 1, H4f // --- // 319157	Hist1h4f	1.89175E-06	-3.23412	Week 6 down vs Week 2
10338242	---		3.4631E-06	-3.2065	Week 6 down vs Week 2

10339469	---		8.39903E-06	-3.18561	Week 6 down vs Week 2
10338042	---		2.06239E-08	-3.16874	Week 6 down vs Week 2
10338267	---		6.472E-12	-3.16237	Week 6 down vs Week 2
10340258	---		5.85525E-08	-3.14202	Week 6 down vs Week 2
10340039	---		7.20028E-07	-3.13205	Week 6 down vs Week 2
10339733	---		3.15001E-07	-3.1273	Week 6 down vs Week 2
10338217	---		8.63163E-07	-3.12297	Week 6 down vs Week 2
10344388	---		9.11722E-09	-3.08663	Week 6 down vs Week 2
10341443	---		1.05435E-08	-3.08294	Week 6 down vs Week 2
10342445	---		0.00020449	-3.07986	Week 6 down vs Week 2
10404051	NM_175654 // Hist1h4d // histone cluster 1, H4d // --- // 319156	Hist1h4d	7.4949E-11	-3.07697	Week 6 down vs Week 2
10362674	NR_002842 // Rnu3a // U3A small nuclear RNA // 10 B1 // 19850	Rnu3a	2.23345E-08	-3.07503	Week 6 down vs Week 2
10408210	NM_023422 // Hist1h2bc // histone cluster 1, H2bc // 13 A3.1 // 68024 /// NM_001	Hist1h2bc	4.04681E-08	-3.07415	Week 6 down vs Week 2
10550320	---		2.56954E-08	-3.06999	Week 6 down vs Week 2
10603926	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	1.98085E-06	-3.06906	Week 6 down vs Week 2
10338718	---		2.71656E-07	-3.05592	Week 6 down vs Week 2
10599086			0.000110645	-3.04417	Week 6 down vs Week 2
10342830	---		5.18138E-07	-3.03844	Week 6 down vs Week 2
10563909	---		4.47088E-05	-3.02215	Week 6 down vs Week 2
10403978	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 /	RP23-38E20.1	1.84285E-07	-3.01813	Week 6 down vs Week 2
10408070	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 /	RP23-38E20.1	2.06707E-07	-3.01404	Week 6 down vs Week 2
10598220			0.000144731	-3.01199	Week 6 down vs Week 2
10344006	---		8.74478E-10	-2.99967	Week 6 down vs Week 2
10564161	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.18978E-05	-2.98483	Week 6 down vs Week 2
10342017	---		5.02419E-06	-2.97197	Week 6 down vs Week 2
10339836	---		4.32914E-09	-2.95793	Week 6 down vs Week 2
10342868	---		5.88833E-05	-2.95398	Week 6 down vs Week 2
10340452	---		1.24727E-08	-2.95079	Week 6 down vs Week 2
10338004	---		2.26684E-08	-2.94828	Week 6 down vs Week 2
10564163	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564167	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564171	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564173	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564175	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564179	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564181	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564185	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564187	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564189	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564191	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564193	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564195	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564197	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564199	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564201	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564205	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10564207	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	1.28337E-05	-2.94784	Week 6 down vs Week 2
10341421	---		1.85437E-10	-2.92928	Week 6 down vs Week 2
10344527	---		1.94541E-07	-2.92815	Week 6 down vs Week 2
10343612	---		1.25404E-05	-2.92419	Week 6 down vs Week 2
10340930	---		1.54416E-05	-2.91948	Week 6 down vs Week 2
10599058	---		2.69807E-06	-2.91729	Week 6 down vs Week 2
10599060	---		2.69807E-06	-2.91729	Week 6 down vs Week 2
10599062	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10599073	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10599094	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10599105	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10603962	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10603973	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10603984	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10603995	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10604006	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10604017	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10604021	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.69807E-06	-2.91729	Week 6 down vs Week 2
10529264	NM_133903 // Spon2 // spondin 2, extracellular matrix protein // 5 B1 // 100689	Spon2	1.62996E-07	-2.91327	Week 6 down vs Week 2

10344132	---		3.2014E-06	-2.91275	Week 6 down vs Week 2
10380059	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	1.44981E-07	-2.90017	Week 6 down vs Week 2
10380061	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	1.44981E-07	-2.90017	Week 6 down vs Week 2
10380063	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	1.44981E-07	-2.90017	Week 6 down vs Week 2
10380065	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	1.44981E-07	-2.90017	Week 6 down vs Week 2
10338517	---		2.05207E-08	-2.89791	Week 6 down vs Week 2
10404049	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_1782	Hist1h3g	8.02832E-07	-2.89521	Week 6 down vs Week 2
10512884	---		1.5926E-09	-2.87486	Week 6 down vs Week 2
10341037	---		0.0171784	-2.8727	Week 6 down vs Week 2
10341802	---		1.16113E-05	-2.87202	Week 6 down vs Week 2
10403980	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 /	RP23-38E20.1	1.89196E-07	-2.87118	Week 6 down vs Week 2
10603914	NM_001109969 // Gm10058 // predicted gene 10058 // X A2|X // 100039240 /// NM_00	Gm10058	7.64562E-06	-2.86886	Week 6 down vs Week 2
10338041	---		1.57681E-08	-2.85924	Week 6 down vs Week 2
10340580	---		0.00018048	-2.85341	Week 6 down vs Week 2
10535900	---		3.0274E-08	-2.85274	Week 6 down vs Week 2
10343902	---		7.30541E-08	-2.84816	Week 6 down vs Week 2
10339834	---		0.00017315	-2.83166	Week 6 down vs Week 2
10338144	---		7.162E-12	-2.82367	Week 6 down vs Week 2
10564165	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000015626	-2.81865	Week 6 down vs Week 2
10341288	---		0.000075891	-2.81298	Week 6 down vs Week 2
10340072	---		4.95528E-06	-2.81159	Week 6 down vs Week 2
10562546	---		9.465E-12	-2.81113	Week 6 down vs Week 2
10342132	---		1.49934E-08	-2.80515	Week 6 down vs Week 2
10564033	---		6.92915E-05	-2.80075	Week 6 down vs Week 2
10381371	NM_009675 // Aoc3 // amine oxidase, copper containing 3 // 11 B2-B5 // 11754 ///	Aoc3	3.11861E-06	-2.79915	Week 6 down vs Week 2
10408928	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	4.97199E-07	-2.79842	Week 6 down vs Week 2
10344492	---		2.06611E-06	-2.79347	Week 6 down vs Week 2
10564057	---		5.29758E-06	-2.79248	Week 6 down vs Week 2
10343674	---		1.38902E-05	-2.78897	Week 6 down vs Week 2
10482119	---		4.706E-12	-2.78605	Week 6 down vs Week 2
10603936	NM_001025607 // Gm5168 // predicted gene 5168 // X A2|X // 382275 /// NM_0011049	Gm5168	1.91744E-05	-2.78332	Week 6 down vs Week 2
10563905	---		9.61543E-05	-2.76135	Week 6 down vs Week 2
10563907	---		9.61543E-05	-2.76135	Week 6 down vs Week 2
10341095	---		0.00290718	-2.7608	Week 6 down vs Week 2
10564183	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	3.81619E-05	-2.75015	Week 6 down vs Week 2
10343455	---		0.000480069	-2.74573	Week 6 down vs Week 2
10344173	---		1.13885E-06	-2.72695	Week 6 down vs Week 2
10343059	---		1.81923E-05	-2.7254	Week 6 down vs Week 2
10340466	---		3.32539E-09	-2.72407	Week 6 down vs Week 2
10404065	NM_013548 // Hist1h3f // histone cluster 1, H3f // 13 A2-A3|13 12.0 cM // 260423	Hist1h3f	1.55836E-06	-2.71383	Week 6 down vs Week 2
10344036	---		9.24943E-08	-2.71226	Week 6 down vs Week 2
10403948	NM_178194 // Hist1h2be // histone cluster 1, H2be // 13 A2-A3 // 319179 /// NM_0	Hist1h2be	2.07826E-07	-2.71134	Week 6 down vs Week 2
10339264	---		4.40388E-07	-2.69846	Week 6 down vs Week 2
10338645	---		4.26561E-08	-2.69616	Week 6 down vs Week 2
10339621	---		3.83922E-05	-2.69463	Week 6 down vs Week 2
10598018	---		0.000126482	-2.69165	Week 6 down vs Week 2
10342617	---		1.30083E-07	-2.69016	Week 6 down vs Week 2
10408239	NM_013548 // Hist1h3f // histone cluster 1, H3f // 13 A2-A3|13 12.0 cM // 260423	Hist1h3f	1.25665E-06	-2.68346	Week 6 down vs Week 2
10339164	---		9.92454E-06	-2.68117	Week 6 down vs Week 2
10548857	NM_175652 // Hist4h4 // histone cluster 4, H4 // 6 G1 // 320332	Hist4h4	9.51E-13	-2.68112	Week 6 down vs Week 2
10343441	---		2.36432E-08	-2.67993	Week 6 down vs Week 2
10510191	ENSMUST00000092750 // Gm13164 // predicted gene 13164 // 4 E1|4 // 667666 /// EN	Gm13164	9.30398E-07	-2.67948	Week 6 down vs Week 2
10341793	---		3.0251E-08	-2.6649	Week 6 down vs Week 2
10339043	---		0.000132946	-2.66443	Week 6 down vs Week 2
10342969	---		2.2715E-08	-2.66051	Week 6 down vs Week 2
10343686	---		1.3135E-11	-2.65951	Week 6 down vs Week 2
10408202	NM_013548 // Hist1h3f // histone cluster 1, H3f // 13 A2-A3|13 12.0 cM // 260423	Hist1h3f	1.3508E-06	-2.65895	Week 6 down vs Week 2
10338619	---		1.26596E-05	-2.65837	Week 6 down vs Week 2
10526410	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	1.70815E-06	-2.65611	Week 6 down vs Week 2
10339937	---		2.34352E-08	-2.65373	Week 6 down vs Week 2
10344221	---		0.00130361	-2.63592	Week 6 down vs Week 2
10340102	---		4.03587E-05	-2.63192	Week 6 down vs Week 2
10564041	---		0.000131065	-2.63078	Week 6 down vs Week 2
10564023	---		0.000116218	-2.62381	Week 6 down vs Week 2
10381458	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00141552	-2.62267	Week 6 down vs Week 2

10343378	---		0.000454494	-2.6168	Week 6 down vs Week 2
10563939	---		0.000246626	-2.61571	Week 6 down vs Week 2
10343411	---		2.63197E-08	-2.60595	Week 6 down vs Week 2
10340829	---		2.78477E-07	-2.60586	Week 6 down vs Week 2
10341138	---		4.1213E-06	-2.59697	Week 6 down vs Week 2
10494405	NM_178215 // Hist2h3b // histone cluster 2, H3b // 3 F2.1 // 319154 /// NM_01946	Hist2h3b	3.18672E-06	-2.59466	Week 6 down vs Week 2
10408083	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_0135	Hist1h3g	1.94928E-06	-2.59364	Week 6 down vs Week 2
10564005	---		0.000125419	-2.58965	Week 6 down vs Week 2
10403943	NM_178200 // Hist1h2bm // histone cluster 1, H2bm // --- // 319186 /// ENSMUST00	Hist1h2bm	2.81524E-07	-2.58854	Week 6 down vs Week 2
10338969	---		3.45553E-06	-2.57997	Week 6 down vs Week 2
10608689	---		0	-2.57607	Week 6 down vs Week 2
10564169	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	4.23576E-05	-2.57451	Week 6 down vs Week 2
10563897	---		6.60042E-05	-2.57144	Week 6 down vs Week 2
10343730	---		4.46365E-05	-2.57109	Week 6 down vs Week 2
10338306	---		3.7466E-08	-2.56891	Week 6 down vs Week 2
10600480	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.00105549	-2.5663	Week 6 down vs Week 2
10603230	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.00105549	-2.5663	Week 6 down vs Week 2
10605353	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.00105549	-2.5663	Week 6 down vs Week 2
10564053	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	9.55741E-05	-2.56095	Week 6 down vs Week 2
10564055	---		9.55741E-05	-2.56095	Week 6 down vs Week 2
10342018	---		1.85681E-05	-2.54931	Week 6 down vs Week 2
10569341	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	0.000128136	-2.54181	Week 6 down vs Week 2
10342197	---		7.5647E-08	-2.54134	Week 6 down vs Week 2
10564011	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000208352	-2.54104	Week 6 down vs Week 2
10340593	---		1.63437E-07	-2.53916	Week 6 down vs Week 2
10555233	---		5.82732E-06	-2.53739	Week 6 down vs Week 2
10564013	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000194838	-2.53682	Week 6 down vs Week 2
10564017	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000194838	-2.53682	Week 6 down vs Week 2
10563993	---		0.000197542	-2.53625	Week 6 down vs Week 2
10564021	---		0.000197542	-2.53625	Week 6 down vs Week 2
10564025	---		0.000197542	-2.53625	Week 6 down vs Week 2
10403941	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_0135	Hist1h3g	3.70611E-06	-2.53249	Week 6 down vs Week 2
10563913	---		0.000199921	-2.52853	Week 6 down vs Week 2
10563917	---		0.000199921	-2.52853	Week 6 down vs Week 2
10563923	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000199921	-2.52853	Week 6 down vs Week 2
10338841	---		2.04814E-06	-2.52655	Week 6 down vs Week 2
10340294	---		1.41818E-06	-2.52504	Week 6 down vs Week 2
10563991	---		0.000027498	-2.52491	Week 6 down vs Week 2
10341980	---		9.197E-12	-2.51462	Week 6 down vs Week 2
10598079	---		0.000028361	-2.51449	Week 6 down vs Week 2
10344080	---		4.62577E-05	-2.51263	Week 6 down vs Week 2
10343013	---		2.92207E-06	-2.51057	Week 6 down vs Week 2
10342833	---		0.000177505	-2.5104	Week 6 down vs Week 2
10603242	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000381882	-2.51021	Week 6 down vs Week 2
10339660	---		1.14519E-07	-2.50778	Week 6 down vs Week 2
10341896	---		2.19565E-05	-2.50295	Week 6 down vs Week 2
10494402	NM_178216 // Hist2h3c1 // histone cluster 2, H3c1 // 3 F1-F2 // 15077 /// NM_054	Hist2h3c1	2.28756E-06	-2.50021	Week 6 down vs Week 2
10338854	---		2.45822E-05	-2.49206	Week 6 down vs Week 2
10563937	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10563947	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10563951	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10563953	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10563957	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10563995	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10563997	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10563999	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10564001	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10564003	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10564007	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10564029	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10564031	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000247167	-2.49202	Week 6 down vs Week 2
10564035	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564039	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564051	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564059	---		0.000247167	-2.49202	Week 6 down vs Week 2

10564061	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564063	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564065	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000247167	-2.49202	Week 6 down vs Week 2
10564067	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564071	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564075	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564081	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564083	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564131	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564133	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564141	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564145	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564149	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564151	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564153	---		0.000247167	-2.49202	Week 6 down vs Week 2
10564155	---		0.000247167	-2.49202	Week 6 down vs Week 2
10342843	---		3.75685E-06	-2.49025	Week 6 down vs Week 2
10340429	---		2.80127E-08	-2.49019	Week 6 down vs Week 2
10344121	---		0.00531153	-2.48994	Week 6 down vs Week 2
10408246	NM_013550 // Hist1h3a // histone cluster 1, H3a // 13 A2-A3 // 360198 /// NM_145	Hist1h3a	1.71803E-06	-2.48736	Week 6 down vs Week 2
10403959	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 /	RP23-38E20.1	1.99493E-07	-2.487	Week 6 down vs Week 2
10408087	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 /	RP23-38E20.1	1.99493E-07	-2.487	Week 6 down vs Week 2
10542894	---		6.98876E-08	-2.48291	Week 6 down vs Week 2
10341246	---		3.72503E-05	-2.48279	Week 6 down vs Week 2
10343410	---		5.15803E-05	-2.48271	Week 6 down vs Week 2
10564137	---		0.000168132	-2.4827	Week 6 down vs Week 2
10403069	BC053409 // Igh-6 // immunoglobulin heavy chain 6 (heavy chain of IgM) // 12 F1-	Igh-6	2.85594E-06	-2.47613	Week 6 down vs Week 2
10338219	---		1.09503E-05	-2.4742	Week 6 down vs Week 2
10515429	---		3.2353E-11	-2.46186	Week 6 down vs Week 2
10434229	NM_013805 // Cldn5 // claudin 5 // 16 A3|16 11.65 cM // 12741 /// ENSMUST0000004	Cldn5	6.6105E-06	-2.45982	Week 6 down vs Week 2
10405935	NM_007475 // Rplp0 // ribosomal protein, large, P0 // 5 F // 11837 /// ENSMUST00	Rplp0	3.921E-12	-2.45706	Week 6 down vs Week 2
10564135	---		0.000257571	-2.45416	Week 6 down vs Week 2
10564089	---		0.000215399	-2.45315	Week 6 down vs Week 2
10338929	---		7.62898E-07	-2.44997	Week 6 down vs Week 2
10541910	NM_011708 // Vwf // Von Willebrand factor homolog // 6 F3|6 60.8 cM // 22371 ///	Vwf	0.000903253	-2.44747	Week 6 down vs Week 2
10342401	---		1.13792E-05	-2.44722	Week 6 down vs Week 2
10340213	---		2.53284E-06	-2.444	Week 6 down vs Week 2
10339786	---		7.4839E-11	-2.44286	Week 6 down vs Week 2
10343986	---		4.53373E-06	-2.44117	Week 6 down vs Week 2
10403957	NM_175657 // Hist1h4m // histone cluster 1, H4m // 13 A3.1 // 319161 /// NM_1781	Hist1h4m	4.00934E-07	-2.441	Week 6 down vs Week 2
10408092	NM_175657 // Hist1h4m // histone cluster 1, H4m // 13 A3.1 // 319161 /// NM_1781	Hist1h4m	4.00934E-07	-2.441	Week 6 down vs Week 2
10339649	---		1.04844E-05	-2.43471	Week 6 down vs Week 2
10338856	---		3.12966E-05	-2.43314	Week 6 down vs Week 2
10344016	---		1.08333E-07	-2.43255	Week 6 down vs Week 2
10338782	---		0.00266354	-2.43072	Week 6 down vs Week 2
10341658	---		3.30313E-06	-2.4236	Week 6 down vs Week 2
10339246	---		2.11849E-05	-2.42223	Week 6 down vs Week 2
10342815	---		3.61305E-05	-2.42056	Week 6 down vs Week 2
10341453	---		0.0110913	-2.41844	Week 6 down vs Week 2
10564027	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564077	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564079	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564085	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564087	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564091	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564093	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564095	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564097	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564099	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564101	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564103	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564105	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564107	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564113	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564115	---		0.000306262	-2.41676	Week 6 down vs Week 2

10564119	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564121	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564123	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564125	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564127	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564129	---		0.000306262	-2.41676	Week 6 down vs Week 2
10564139	---		0.000306262	-2.41676	Week 6 down vs Week 2
10339815	---		5.3283E-06	-2.41482	Week 6 down vs Week 2
10341452	---		0.000955784	-2.41452	Week 6 down vs Week 2
10339022	---		2.87107E-05	-2.41422	Week 6 down vs Week 2
10344284	---		5.21805E-06	-2.40972	Week 6 down vs Week 2
10359859	---		9.06911E-09	-2.40955	Week 6 down vs Week 2
10338039	---		5.16289E-08	-2.4073	Week 6 down vs Week 2
10518096	NM_177868 // Fhad1 // forkhead-associated (FHA) phosphopeptide binding domain 1	Fhad1	3.56246E-10	-2.40715	Week 6 down vs Week 2
10340854	---		1.50011E-06	-2.40579	Week 6 down vs Week 2
10563935	---		0.000375001	-2.40528	Week 6 down vs Week 2
10564045	---		0.000375001	-2.40528	Week 6 down vs Week 2
10564047	---		0.000375001	-2.40528	Week 6 down vs Week 2
10342209	---		0.00018165	-2.40243	Week 6 down vs Week 2
10341185	---		5.90017E-08	-2.40038	Week 6 down vs Week 2
10339670	---		7.27194E-08	-2.40025	Week 6 down vs Week 2
10581027	NM_007475 // Rplp0 // ribosomal protein, large, P0 // 5 F // 11837 /// ENSMUST00	Rplp0	5.656E-12	-2.39862	Week 6 down vs Week 2
10404028	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_0135	Hist1h3g	4.02283E-06	-2.39813	Week 6 down vs Week 2
10339629	---		6.96334E-07	-2.39762	Week 6 down vs Week 2
10340723	---		0.000146128	-2.39441	Week 6 down vs Week 2
10340706	---		1.72883E-07	-2.39284	Week 6 down vs Week 2
10564159	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000208346	-2.3903	Week 6 down vs Week 2
10539484	NM_009077 // Rpl18 // ribosomal protein L18 // 7 B4 // 19899 /// ENSMUST00000072	Rpl18	1.9324E-11	-2.38987	Week 6 down vs Week 2
10343644	---		3.8142E-06	-2.38893	Week 6 down vs Week 2
10563945	---		0.000100119	-2.38874	Week 6 down vs Week 2
10338644	---		6.96656E-07	-2.38811	Week 6 down vs Week 2
10598238	---		2.71011E-07	-2.38777	Week 6 down vs Week 2
10494548	NM_008121 // Gja5 // gap junction membrane channel protein alpha 5 // 3 F2.1|3 4	Gja5	6.01549E-06	-2.38146	Week 6 down vs Week 2
10517067	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	0.00106571	-2.38011	Week 6 down vs Week 2
10342131	---		1.00185E-05	-2.37982	Week 6 down vs Week 2
10464601	---		4.52828E-08	-2.37894	Week 6 down vs Week 2
10338020	---		5.18413E-08	-2.37515	Week 6 down vs Week 2
10340206	---		6.54999E-07	-2.37416	Week 6 down vs Week 2
10564015	---		0.000100888	-2.37256	Week 6 down vs Week 2
10340334	---		0.000610912	-2.37166	Week 6 down vs Week 2
10564019	---		0.000333303	-2.37098	Week 6 down vs Week 2
10344242	---		9.04215E-06	-2.37038	Week 6 down vs Week 2
10340483	---		2.04666E-05	-2.37011	Week 6 down vs Week 2
10563973	---		1.58269E-05	-2.36896	Week 6 down vs Week 2
10338009	---		2.9575E-08	-2.36824	Week 6 down vs Week 2
10338053	---		1.92203E-08	-2.36574	Week 6 down vs Week 2
10342925	---		4.78252E-08	-2.36451	Week 6 down vs Week 2
10340015	---		0.000260543	-2.36426	Week 6 down vs Week 2
10341968	---		1.39868E-05	-2.35993	Week 6 down vs Week 2
10342919	---		4.97429E-05	-2.35958	Week 6 down vs Week 2
10405872	AY149175 // Zfp640 // zinc finger protein 640 // 13 B3|13 // 386626 /// ENSMUST0	Zfp640	5.7279E-11	-2.35739	Week 6 down vs Week 2
10338319	---		3.32394E-06	-2.35442	Week 6 down vs Week 2
10432746	NM_133357 // Krt75 // keratin 75 // 15 F2|15 58.75 cM // 109052 /// ENSMUST00000	Krt75	8.37845E-05	-2.34978	Week 6 down vs Week 2
10564143	---		0.000520685	-2.34905	Week 6 down vs Week 2
10564147	---		0.000520685	-2.34905	Week 6 down vs Week 2
10563114	NR_000002 // Snord32a // small nucleolar RNA, C/D box 32A // 7 B4 // 27209 /// B	Snord32a	1.35482E-08	-2.34859	Week 6 down vs Week 2
10381460	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00301689	-2.34761	Week 6 down vs Week 2
10381470	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00301689	-2.34761	Week 6 down vs Week 2
10381472	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00301689	-2.34761	Week 6 down vs Week 2
10391488	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00301689	-2.34761	Week 6 down vs Week 2
10344533	---		0.000014911	-2.34653	Week 6 down vs Week 2
10404063	NM_175660 // Hist1h2ab // histone cluster 1, H2ab // --- // 319172 /// BC117110	Hist1h2ab	1.35496E-05	-2.346	Week 6 down vs Week 2
10339500	---		7.06157E-06	-2.34598	Week 6 down vs Week 2
10338358	---		9.68975E-05	-2.34536	Week 6 down vs Week 2
10484579	NM_207562 // Olfr1051 // olfactory receptor 1051 // 2 D // 404324 /// ENSMUST000	Olfr1051	4.10044E-10	-2.33995	Week 6 down vs Week 2

10344326	---		0.00210962	-2.33989	Week 6 down vs Week 2
10339138	---		1.0572E-06	-2.33615	Week 6 down vs Week 2
10338027	---		1.556E-08	-2.33596	Week 6 down vs Week 2
10564177	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000163846	-2.33431	Week 6 down vs Week 2
10341449	---		5.34297E-05	-2.33264	Week 6 down vs Week 2
10342992	---		1.942E-12	-2.33171	Week 6 down vs Week 2
10378240	NM_008771 // P2rx1 // purinergic receptor P2X, ligand-gated ion channel, 1 // 11	P2rx1	1.51973E-07	-2.32515	Week 6 down vs Week 2
10406519	NM_013500 // Hapln1 // hyaluronan and proteoglycan link protein 1 // 13 C3 // 12	Hapln1	4.113E-11	-2.3241	Week 6 down vs Week 2
10343005	---		0.000654011	-2.32357	Week 6 down vs Week 2
10341814	---		2.20903E-06	-2.3212	Week 6 down vs Week 2
10338049	---		1.4405E-08	-2.31854	Week 6 down vs Week 2
10339858	---		0.000292642	-2.31755	Week 6 down vs Week 2
10459703	---		6.77E-13	-2.31594	Week 6 down vs Week 2
10436694	NM_007475 // Rplp0 // ribosomal protein, large, P0 // 5 F // 11837 /// ENSMUST00	Rplp0	2.7605E-11	-2.31558	Week 6 down vs Week 2
10338062	---		2.91763E-08	-2.31514	Week 6 down vs Week 2
10578688	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00376472	-2.30794	Week 6 down vs Week 2
10340953	---		0.000723392	-2.30044	Week 6 down vs Week 2
10342590	---		9.76298E-07	-2.30033	Week 6 down vs Week 2
10470314	---		1.56337E-06	-2.29642	Week 6 down vs Week 2
10469984	NM_146117 // Lrrc26 // leucine rich repeat containing 26 // 2 A3 // 227618 /// E	Lrrc26	0.00101063	-2.29632	Week 6 down vs Week 2
10343244	---		0.00002827	-2.29603	Week 6 down vs Week 2
10343103	---		8.78396E-08	-2.29254	Week 6 down vs Week 2
10487925	NM_009077 // Rpl18 // ribosomal protein L18 // 7 B4 // 19899 /// ENSMUST00000075	Rpl18	1.2993E-11	-2.29158	Week 6 down vs Week 2
10413733	NM_001025379 // Sema3g // sema domain, immunoglobulin domain (Ig), short basic d	Sema3g	4.32155E-06	-2.28947	Week 6 down vs Week 2
10341990	---		0.00012488	-2.28724	Week 6 down vs Week 2
10342580	---		5.14837E-05	-2.28626	Week 6 down vs Week 2
10338055	---		1.45012E-08	-2.28513	Week 6 down vs Week 2
10342753	---		7.5378E-06	-2.2848	Week 6 down vs Week 2
10342774	---		0.000253818	-2.28424	Week 6 down vs Week 2
10339600	---		4.56371E-06	-2.28326	Week 6 down vs Week 2
10338024	---		2.30981E-08	-2.2821	Week 6 down vs Week 2
10344122	---		0.00257521	-2.28135	Week 6 down vs Week 2
10343635	---		0.000213323	-2.28103	Week 6 down vs Week 2
10342103	---		3.57568E-05	-2.2801	Week 6 down vs Week 2
10341476	---		0.000712619	-2.27901	Week 6 down vs Week 2
10338815	---		1.3183E-08	-2.27839	Week 6 down vs Week 2
10344206	---		1.2011E-06	-2.27833	Week 6 down vs Week 2
10563965	---		0.000868736	-2.27312	Week 6 down vs Week 2
10563967	---		0.000868736	-2.27312	Week 6 down vs Week 2
10563971	---		0.000868736	-2.27312	Week 6 down vs Week 2
10564043	---		0.000868736	-2.27312	Week 6 down vs Week 2
10344588	---		4.69287E-07	-2.2714	Week 6 down vs Week 2
10343943	---		1.58141E-06	-2.27129	Week 6 down vs Week 2
10340268	---		9.83916E-09	-2.26868	Week 6 down vs Week 2
10342225	---		1.49954E-05	-2.26669	Week 6 down vs Week 2
10339884	---		0.000293718	-2.26561	Week 6 down vs Week 2
10569335	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	0.00180736	-2.26474	Week 6 down vs Week 2
10339280	---		1.21307E-05	-2.26457	Week 6 down vs Week 2
10343305	---		0.00111062	-2.26319	Week 6 down vs Week 2
10341867	---		6.80475E-08	-2.26287	Week 6 down vs Week 2
10338016	---		2.68625E-08	-2.25806	Week 6 down vs Week 2
10339988	---		2.03235E-08	-2.25758	Week 6 down vs Week 2
10598227	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000572597	-2.25721	Week 6 down vs Week 2
10341245	---		1.87988E-06	-2.2544	Week 6 down vs Week 2
10342785	---		1.75961E-05	-2.25305	Week 6 down vs Week 2
10516481	NM_008120 // Gja4 // gap junction protein, alpha 4 // 4 D2.2|4 57.6 cM // 14612	Gja4	9.99418E-06	-2.25233	Week 6 down vs Week 2
10342924	---		2.24434E-07	-2.24852	Week 6 down vs Week 2
10563931	---		0.000144947	-2.24792	Week 6 down vs Week 2
10432129	NM_001011733 // Olfr288 // olfactory receptor 288 // 15 F1 // 545140	Olfr288	4.41457E-06	-2.24715	Week 6 down vs Week 2
10344513	---		0.000954645	-2.24561	Week 6 down vs Week 2
10342582	---		4.98486E-06	-2.2426	Week 6 down vs Week 2
10376243	---		3.10339E-09	-2.24187	Week 6 down vs Week 2
10342260	---		6.82975E-05	-2.23669	Week 6 down vs Week 2
10339024	---		1.89279E-05	-2.23654	Week 6 down vs Week 2
10338045	---		4.02305E-07	-2.2344	Week 6 down vs Week 2

10340949	---		9.13031E-06	-2.23382	Week 6 down vs Week 2
10340270	---		8.48601E-06	-2.23144	Week 6 down vs Week 2
10470101	NM_027085 // Clic3 // chloride intracellular channel 3 // 2 A3 // 69454 /// ENSM	Clic3	0.00370887	-2.23103	Week 6 down vs Week 2
10340088	---		5.61342E-05	-2.22587	Week 6 down vs Week 2
10460251	AK081788 // 1700055N04Rik // RIKEN cDNA 1700055N04 gene // 19 A // 73458 /// XM_	1700055N04Rik	0.00337652	-2.22509	Week 6 down vs Week 2
10343184	---		8.5573E-06	-2.22349	Week 6 down vs Week 2
10343912	---		4.37362E-05	-2.22041	Week 6 down vs Week 2
10563955	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000611518	-2.22021	Week 6 down vs Week 2
10338967	---		0.000286554	-2.21943	Week 6 down vs Week 2
10343300	---		0.00267917	-2.21837	Week 6 down vs Week 2
10341253	---		5.32099E-08	-2.21824	Week 6 down vs Week 2
10339091	---		0.000467536	-2.2179	Week 6 down vs Week 2
10339223	---		0.000341617	-2.21775	Week 6 down vs Week 2
10340718	---		0.000109324	-2.21745	Week 6 down vs Week 2
10339420	---		5.11722E-06	-2.21711	Week 6 down vs Week 2
10343243	---		3.8229E-06	-2.21534	Week 6 down vs Week 2
10342469	---		0.00011871	-2.21407	Week 6 down vs Week 2
10587778	---		0.00642745	-2.21309	Week 6 down vs Week 2
10342821	---		6.67281E-06	-2.21202	Week 6 down vs Week 2
10343602	---		1.04982E-05	-2.21068	Week 6 down vs Week 2
10344465	---		0.00123073	-2.21044	Week 6 down vs Week 2
10339294	---		2.43036E-05	-2.21023	Week 6 down vs Week 2
10340941	---		2.99261E-05	-2.21009	Week 6 down vs Week 2
10339651	---		0.00060826	-2.21007	Week 6 down vs Week 2
10342849	---		1.43607E-05	-2.20911	Week 6 down vs Week 2
10338555	---		2.46642E-08	-2.20869	Week 6 down vs Week 2
10404067	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_153	Hist1h4b	2.27813E-06	-2.2067	Week 6 down vs Week 2
10599084	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000610677	-2.20492	Week 6 down vs Week 2
10603228	---		0.00163785	-2.20274	Week 6 down vs Week 2
10340729	---		4.16915E-06	-2.20061	Week 6 down vs Week 2
10488106	XM_001005575 // Gm14072 // predicted gene 14072 // 2 F3 // 269365	Gm14072	7.27586E-09	-2.19787	Week 6 down vs Week 2
10340332	---		1.15606E-05	-2.19631	Week 6 down vs Week 2
10551197	NM_009999 // Cyp2b10 // cytochrome P450, family 2, subfamily b, polypeptide 10 /	Cyp2b10	5.00064E-10	-2.19326	Week 6 down vs Week 2
10340215	---		1.07294E-07	-2.19313	Week 6 down vs Week 2
10591634	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	9.92381E-10	-2.19275	Week 6 down vs Week 2
10338650	---		2.88312E-05	-2.19224	Week 6 down vs Week 2
10340643	---		1.26449E-08	-2.19136	Week 6 down vs Week 2
10338688	---		8.34558E-08	-2.18984	Week 6 down vs Week 2
10435504	NM_001082542 // Gm5416 // predicted gene 5416 // 16 B3 // 408196 /// ENSMUST0000	Gm5416	5.57333E-07	-2.18691	Week 6 down vs Week 2
10431635	---		4.97312E-09	-2.18359	Week 6 down vs Week 2
10343940	---		3.24071E-09	-2.18219	Week 6 down vs Week 2
10340937	---		3.55961E-08	-2.18163	Week 6 down vs Week 2
10408074	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_153	Hist1h4b	2.99119E-06	-2.18124	Week 6 down vs Week 2
10338752	---		0.000155232	-2.18	Week 6 down vs Week 2
10564037	---		0.000565683	-2.17985	Week 6 down vs Week 2
10342572	---		4.07377E-06	-2.17921	Week 6 down vs Week 2
10339734	---		1.99553E-07	-2.17716	Week 6 down vs Week 2
10340244	---		3.96827E-06	-2.177	Week 6 down vs Week 2
10339525	---		0.000167333	-2.17127	Week 6 down vs Week 2
10394936	---		3.67595E-07	-2.17013	Week 6 down vs Week 2
10344069	---		0.0017431	-2.16941	Week 6 down vs Week 2
10340091	---		0.000102914	-2.16758	Week 6 down vs Week 2
10341611	---		8.1825E-06	-2.16681	Week 6 down vs Week 2
10343659	---		0.000029244	-2.15952	Week 6 down vs Week 2
10342351	---		0.000447844	-2.15952	Week 6 down vs Week 2
10343769	---		0.000545929	-2.15917	Week 6 down vs Week 2
10342814	---		5.89613E-07	-2.15807	Week 6 down vs Week 2
10459225	---		0.000821792	-2.15357	Week 6 down vs Week 2
10564111	---		0.000779	-2.15212	Week 6 down vs Week 2
10343722	---		0.000115466	-2.15058	Week 6 down vs Week 2
10375173	---		0.000624205	-2.14882	Week 6 down vs Week 2
10338482	---		5.6945E-06	-2.14823	Week 6 down vs Week 2
10338033	---		5.33536E-08	-2.1475	Week 6 down vs Week 2
10373610	NM_146318 // Olfr767 // olfactory receptor 767 // --- // 258315 /// ENSMUST00000	Olfr767	0.00116967	-2.14652	Week 6 down vs Week 2
10343495	---		1.90956E-05	-2.14122	Week 6 down vs Week 2

10432774	NM_010669 // Krt6b // keratin 6B // 15 F2|15 58.76 cM // 16688 /// ENSMUST000000	Krt6b	0.00536967	-2.13865	Week 6 down vs Week 2
10340732	---		4.17528E-05	-2.13852	Week 6 down vs Week 2
10340325	---		2.24953E-05	-2.13723	Week 6 down vs Week 2
10339893	---		2.99893E-06	-2.1363	Week 6 down vs Week 2
10343009	---		0.0191177	-2.13555	Week 6 down vs Week 2
10342397	---		3.30631E-05	-2.13466	Week 6 down vs Week 2
10408613	NM_023716 // Tubb2b // tubulin, beta 2B // 13 A4 // 73710 /// ENSMUST00000075774	Tubb2b	1.44774E-06	-2.13347	Week 6 down vs Week 2
10340065	---		0.000045743	-2.13323	Week 6 down vs Week 2
10340995	---		8.31178E-09	-2.13293	Week 6 down vs Week 2
10340502	---		2.03911E-08	-2.13217	Week 6 down vs Week 2
10341070	---		0.000719865	-2.1309	Week 6 down vs Week 2
10378409	---		6.0252E-06	-2.12498	Week 6 down vs Week 2
10608136	---		9.83401E-06	-2.12088	Week 6 down vs Week 2
10580181	---		5.87404E-10	-2.11876	Week 6 down vs Week 2
10542034	XM_145024 // Gm4968 // predicted gene 4968 // 6 F3 // 243642	Gm4968	8.753E-11	-2.11837	Week 6 down vs Week 2
10453250	---		0.000128618	-2.11567	Week 6 down vs Week 2
10599286	NM_001085348 // Rhox2e // reproductive homeobox 2E // X A3.3 // 100040016 /// NM	Rhox2e	1.13496E-05	-2.11466	Week 6 down vs Week 2
10341166	---		0.00013455	-2.11456	Week 6 down vs Week 2
10498273	NM_008536 // Tm4sf1 // transmembrane 4 superfamily member 1 // 3 D // 17112 ///	Tm4sf1	0.0012792	-2.10973	Week 6 down vs Week 2
10338214	---		6.22545E-05	-2.10937	Week 6 down vs Week 2
10339534	---		0.000191997	-2.1079	Week 6 down vs Week 2
10542237	---		1.55666E-09	-2.10789	Week 6 down vs Week 2
10355341	---		3.20221E-08	-2.10741	Week 6 down vs Week 2
10542762	XR_031050 // Gm6266 // predicted gene 6266 // 6 G3 // 621842	Gm6266	1.41973E-10	-2.10714	Week 6 down vs Week 2
10340601	---		1.26419E-06	-2.10697	Week 6 down vs Week 2
10556037	NM_147033 // Olfr714 // olfactory receptor 714 // --- // 259035 /// NM_147033 //	Olfr714	2.191E-08	-2.1063	Week 6 down vs Week 2
10341957	---		0.000199709	-2.10588	Week 6 down vs Week 2
10344091	---		0.000269212	-2.10483	Week 6 down vs Week 2
10403945	BC139425 // LOC100041230 // similar to histone H4 // 13 A3.1 // 100041230 /// NM	LOC100041230	3.28258E-08	-2.10239	Week 6 down vs Week 2
10338018	---		7.16816E-08	-2.10202	Week 6 down vs Week 2
10419469	---		2.0339E-07	-2.1014	Week 6 down vs Week 2
10591203	NM_146528 // Olfr860 // olfactory receptor 860 // --- // 258521 /// ENSMUST00000	Olfr860	7.43893E-09	-2.09879	Week 6 down vs Week 2
10338061	---		3.0059E-08	-2.09862	Week 6 down vs Week 2
10553100	NM_009077 // Rpl18 // ribosomal protein L18 // 7 B4 // 19899 /// ENSMUST00000075	Rpl18	2.8326E-11	-2.0967	Week 6 down vs Week 2
10341843	---		1.63837E-06	-2.09563	Week 6 down vs Week 2
10584500	NM_001011827 // Olfr963 // olfactory receptor 963 // 9 A5.1 // 258087 /// ENSMUS	Olfr963	6.42726E-05	-2.09543	Week 6 down vs Week 2
10344425	---		2.08695E-05	-2.0953	Week 6 down vs Week 2
10603245	---		9.89622E-05	-2.0943	Week 6 down vs Week 2
10338202	---		5.17322E-08	-2.09355	Week 6 down vs Week 2
10341377	---		0.000936524	-2.09343	Week 6 down vs Week 2
10500324	NM_013549 // Hist2h2aa1 // histone cluster 2, H2aa1 // 3 F1-F2|3 45.2 cM // 1526	Hist2h2aa1	5.64987E-08	-2.09238	Week 6 down vs Week 2
10341117	---		0.000329437	-2.09225	Week 6 down vs Week 2
10599092	---		0.00235943	-2.09041	Week 6 down vs Week 2
10526241	NM_009902 // Cldn3 // claudin 3 // 5 G2|5 75.0 cM // 12739 /// ENSMUST0000009424	Cldn3	7.43886E-07	-2.08882	Week 6 down vs Week 2
10343181	---		1.95255E-05	-2.08824	Week 6 down vs Week 2
10339401	---		0.00012046	-2.08685	Week 6 down vs Week 2
10402808	NM_010588 // Jag2 // jagged 2 // 12 F1|12 57.9 cM // 16450 /// ENSMUST0000007582	Jag2	3.67044E-10	-2.08576	Week 6 down vs Week 2
10393197	NM_025276 // Evpl // envoplakin // 11 E1 // 14027 /// ENSMUST00000037007 // Evpl	Evpl	0.000929902	-2.0846	Week 6 down vs Week 2
10343611	---		9.40122E-10	-2.08437	Week 6 down vs Week 2
10342288	---		0.00139504	-2.08416	Week 6 down vs Week 2
10407390	NM_001077363 // Ptbp1 // polypyrimidine tract binding protein 1 // 10 C1|10 43.0	Ptbp1	4.07414E-08	-2.08195	Week 6 down vs Week 2
10344231	---		2.58397E-06	-2.08134	Week 6 down vs Week 2
10408243	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_175	Hist1h4b	3.47928E-06	-2.07902	Week 6 down vs Week 2
10342647	---		1.21025E-05	-2.07888	Week 6 down vs Week 2
10338002	---		2.41054E-08	-2.07882	Week 6 down vs Week 2
10341553	---		4.14574E-06	-2.07871	Week 6 down vs Week 2
10397559	XR_032624 // Gm8655 // predicted gene 8655 // 12 D3 // 667475	Gm8655	3.81098E-06	-2.07723	Week 6 down vs Week 2
10340327	---		2.97006E-06	-2.07653	Week 6 down vs Week 2
10401831	NM_001013824 // EG435337 // predicted gene, EG435337 // 12 D3|12 // 435337 /// E	EG435337	2.32958E-06	-2.07479	Week 6 down vs Week 2
10507653	---		8.6303E-11	-2.0739	Week 6 down vs Week 2
10494386	NM_178184 // Hist1h2an // histone cluster 1, H2an // 13 A3.1 // 319170 /// NM_17	Hist1h2an	4.5294E-08	-2.0727	Week 6 down vs Week 2
10542077	NM_009077 // Rpl18 // ribosomal protein L18 // 7 B4 // 19899 /// ENSMUST00000072	Rpl18	2.1393E-11	-2.07228	Week 6 down vs Week 2
10343141	---		0.000785139	-2.07164	Week 6 down vs Week 2
10517301	NM_145554 // Ldlrap1 // low density lipoprotein receptor adaptor protein 1 // 4	Ldlrap1	2.1868E-11	-2.06936	Week 6 down vs Week 2
10340715	---		1.46878E-08	-2.06932	Week 6 down vs Week 2

10598032	---		5.43667E-05	-2.06599	Week 6 down vs Week 2
10417235	EF651820 // Gm3264 // predicted gene 3264 // 14 A1|14 // 100041306 /// CT010181	Gm3264	0.00010761	-2.06589	Week 6 down vs Week 2
10417315	EF651820 // Gm3264 // predicted gene 3264 // 14 A1|14 // 100041306 /// EF651808	Gm3264	0.00010761	-2.06589	Week 6 down vs Week 2
10368556	NM_013904 // Hey2 // hairy/enhancer-of-split related with YRPW motif 2 // 10 A4	Hey2	2.13697E-05	-2.06281	Week 6 down vs Week 2
10339457	---		0.000762941	-2.05801	Week 6 down vs Week 2
10564109	---		9.50727E-05	-2.05759	Week 6 down vs Week 2
10564117	---		9.50727E-05	-2.05759	Week 6 down vs Week 2
10339959	---		1.38527E-10	-2.05724	Week 6 down vs Week 2
10343748	---		9.4152E-06	-2.05668	Week 6 down vs Week 2
10343696	---		0.000196179	-2.05636	Week 6 down vs Week 2
10343904	---		3.26575E-07	-2.05479	Week 6 down vs Week 2
10494395	NM_013549 // Hist2h2aa1 // histone cluster 2, H2aa1 // 3 F1-F2|3 45.2 cM // 1526	Hist2h2aa1	2.09657E-07	-2.05298	Week 6 down vs Week 2
10339732	---		8.15424E-06	-2.0492	Week 6 down vs Week 2
10344557	---		4.00633E-05	-2.04639	Week 6 down vs Week 2
10338051	---		2.8332E-08	-2.0453	Week 6 down vs Week 2
10340537	---		1.95504E-09	-2.045	Week 6 down vs Week 2
10343544	---		8.55825E-07	-2.04342	Week 6 down vs Week 2
10339365	---		7.54456E-05	-2.0417	Week 6 down vs Week 2
10449807	NM_001033163 // Ephx3 // epoxide hydrolase 3 // 17 B1 // 71932 /// ENSMUST000000	Ephx3	0.000601191	-2.04109	Week 6 down vs Week 2
10341411	---		5.81619E-05	-2.04072	Week 6 down vs Week 2
10606366	NM_199468 // Zcchc5 // zinc finger, CCHC domain containing 5 // X D // 213436 //	Zcchc5	5.1862E-06	-2.04009	Week 6 down vs Week 2
10342916	---		0.000422089	-2.03877	Week 6 down vs Week 2
10338017	---		2.21916E-09	-2.03785	Week 6 down vs Week 2
10338187	---		1.44281E-05	-2.03674	Week 6 down vs Week 2
10391914	NM_183288 // Sh3d20 // SH3 domain containing 20 // 11 E1 // 70559 /// BC138292 /	Sh3d20	9.86105E-09	-2.03437	Week 6 down vs Week 2
10341494	---		7.21415E-05	-2.03427	Week 6 down vs Week 2
10366476	NM_029928 // Ptprb // protein tyrosine phosphatase, receptor type, B // 10 D2 //	Ptprb	0.0074172	-2.03309	Week 6 down vs Week 2
10384776	NR_027973 // 5730522E02Rik // RIKEN cDNA 5730522E02 gene // 11 A3.2-A3.3 // 7062	5730522E02Rik	4.97875E-08	-2.03207	Week 6 down vs Week 2
10340519	---		0.000663968	-2.03117	Week 6 down vs Week 2
10339752	---		0.00244707	-2.03064	Week 6 down vs Week 2
10341101	---		6.12368E-05	-2.03024	Week 6 down vs Week 2
10490384	NM_001081171 // Lama5 // laminin, alpha 5 // 2 H4|2 106.0 cM // 16776 /// ENSMUS	Lama5	6.4382E-11	-2.03002	Week 6 down vs Week 2
10554162	---		1.86683E-05	-2.02932	Week 6 down vs Week 2
10343023	---		1.35496E-05	-2.02853	Week 6 down vs Week 2
10341351	---		8.81694E-06	-2.02672	Week 6 down vs Week 2
10340080	---		0.00151609	-2.02629	Week 6 down vs Week 2
10338128	---		2.02869E-07	-2.02555	Week 6 down vs Week 2
10340479	---		1.11627E-05	-2.02549	Week 6 down vs Week 2
10343746	---		2.51407E-09	-2.02503	Week 6 down vs Week 2
10341031	---		7.85375E-05	-2.02496	Week 6 down vs Week 2
10339897	---		3.83681E-05	-2.02273	Week 6 down vs Week 2
10342175	---		4.49975E-05	-2.02028	Week 6 down vs Week 2
10339976	---		1.15221E-05	-2.01966	Week 6 down vs Week 2
10607752	NM_009759 // Bmx // BMX non-receptor tyrosine kinase // X F // 12169 /// ENSMUST	Bmx	2.65791E-07	-2.01774	Week 6 down vs Week 2
10471741	NM_146949 // Olfr339 // olfactory receptor 339 // --- // 258951 /// ENSMUST00000	Olfr339	1.263E-12	-2.01376	Week 6 down vs Week 2
10563915	---		0.00120535	-2.01299	Week 6 down vs Week 2
10563929	---		0.00120535	-2.01299	Week 6 down vs Week 2
10341725	---		5.20035E-08	-2.01143	Week 6 down vs Week 2
10598187	---		0.00313251	-2.00969	Week 6 down vs Week 2
10416256	NM_021328 // Bin3 // bridging integrator 3 // 14 D2 // 57784 /// ENSMUST00000111	Bin3	6.89E-13	-2.00939	Week 6 down vs Week 2
10339585	---		2.62442E-05	-2.00764	Week 6 down vs Week 2
10339611	---		2.67088E-07	-2.00604	Week 6 down vs Week 2
10341425	---		0.000353078	-2.00565	Week 6 down vs Week 2
10338277	---		1.17376E-05	-2.00338	Week 6 down vs Week 2
10344060	---		3.04199E-07	-2.00322	Week 6 down vs Week 2
10520126	NM_008713 // Nos3 // nitric oxide synthase 3, endothelial cell // 5 A3|5 9.0 cM	Nos3	7.69896E-06	-2.00304	Week 6 down vs Week 2
10404026	NM_175661 // Hist1h2af // histone cluster 1, H2af // 13 A3.1 // 319173 /// NM_17	Hist1h2af	1.97597E-07	-2.00207	Week 6 down vs Week 2
10349832	XR_033420 // Gm7246 // predicted gene 7246 // 1 E4|1 // 638636	Gm7246	6.3909E-07	-2.00162	Week 6 down vs Week 2
10341415	---		0.000116455	-2.00115	Week 6 down vs Week 2
10566666	---		4.97611E-05	-2.00059	Week 6 down vs Week 2
10340781	---		2.7465E-06	-2.00035	Week 6 down vs Week 2
10341447	---		0.00033777	2.00004	Week 6 up vs Week 2
10338839	---		3.93156E-05	2.0001	Week 6 up vs Week 2
10403796	NM_175007 // Amph // amphiphysin // 13 A2 // 218038 /// ENSMUST00000003345 // Am	Amph	0.00107594	2.00033	Week 6 up vs Week 2
10342120	---		0.000461372	2.00034	Week 6 up vs Week 2

10340470	---		1.82342E-05	2.00038	Week 6 up vs Week 2
10522716	NM_153798 // Polr2b // polymerase (RNA) II (DNA directed) polypeptide B // 5 C3.	Polr2b	2.0333E-07	2.00086	Week 6 up vs Week 2
10340698	---		0.00710348	2.0014	Week 6 up vs Week 2
10443027	BC113191 // A930001N09Rik // RIKEN cDNA A930001N09 gene // 17 B1 // 77128 /// NM	A930001N09Rik	1.6222E-08	2.00145	Week 6 up vs Week 2
10503334	NM_010276 // Gem // GTP binding protein (gene overexpressed in skeletal muscle)	Gem	8.61961E-10	2.00296	Week 6 up vs Week 2
10400941	NM_025522 // Dhrs7 // dehydrogenase/reductase (SDR family) member 7 // 12 C3 //	Dhrs7	8.15271E-09	2.0032	Week 6 up vs Week 2
10590597	NM_030692 // Sacm1l // SAC1 (suppressor of actin mutations 1, homolog)-like (S.	Sacm1l	3.11806E-07	2.00326	Week 6 up vs Week 2
10353288	NM_025773 // Ube2w // ubiquitin-conjugating enzyme E2W (putative) // 1 A3 // 667	Ube2w	1.3976E-06	2.00333	Week 6 up vs Week 2
10590663	NM_019691 // Gria4 // glutamate receptor, ionotropic, AMPA4 (alpha 4) // 9 A1|9	Gria4	0.00624587	2.00333	Week 6 up vs Week 2
10400191	NM_052973 // Strn3 // striatin, calmodulin binding protein 3 // 12 C1 // 94186 /	Strn3	2.00339E-10	2.00347	Week 6 up vs Week 2
10343740	---		0.00123144	2.00435	Week 6 up vs Week 2
10585970	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	3.11372E-07	2.00507	Week 6 up vs Week 2
10514405	NM_172695 // Plaa // phospholipase A2, activating protein // 4 C5|4 44.5 cM // 1	Plaa	5.10212E-08	2.00511	Week 6 up vs Week 2
10338599	---		0.000204803	2.0057	Week 6 up vs Week 2
10411332	NM_008255 // Hmgcr // 3-hydroxy-3-methylglutaryl-Coenzyme A reductase // 13 D1|1	Hmgcr	0.00238762	2.00573	Week 6 up vs Week 2
10508444	NM_025970 // Zbtb8os // zinc finger and BTB domain containing 8 opposite strand	Zbtb8os	1.18235E-10	2.00656	Week 6 up vs Week 2
10378068	NM_001037713 // Xaf1 // XIAP associated factor 1 // 11 B4 // 327959 /// ENSMUST0	Xaf1	5.42194E-06	2.00716	Week 6 up vs Week 2
10376326	NM_019440 // Irgm2 // immunity-related GTPase family M member 2 // 11 B1.3 // 54	Irgm2	2.45414E-08	2.00799	Week 6 up vs Week 2
10396778	NM_019579 // Mpp5 // membrane protein, palmitoylated 5 (MAGUK p55 subfamily memb	Mpp5	4.77708E-08	2.00814	Week 6 up vs Week 2
10451851	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	0.000008977	2.00836	Week 6 up vs Week 2
10340794	---		2.27825E-08	2.00949	Week 6 up vs Week 2
10419366	ENSMUST00000051102 // Gm534 // predicted gene 534 // 14 C1 // 218993	Gm534	0.000118755	2.00976	Week 6 up vs Week 2
10368675	NM_008538 // Marcks // myristoylated alanine rich protein kinase C substrate //	Marcks	2.05837E-07	2.00997	Week 6 up vs Week 2
10454310	NM_013814 // Galnt1 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylga	Galnt1	2.50138E-08	2.00998	Week 6 up vs Week 2
10591135	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	2.77409E-05	2.01024	Week 6 up vs Week 2
10339543	---		0.00121073	2.01039	Week 6 up vs Week 2
10340343	---		0.000187373	2.01045	Week 6 up vs Week 2
10341292	---		7.42893E-06	2.01097	Week 6 up vs Week 2
10603011	NM_009031 // Rbbp7 // retinoblastoma binding protein 7 // X F4 // 245688 /// ENS	Rbbp7	1.53031E-08	2.011	Week 6 up vs Week 2
10496405	NM_177860 // Gm5105 // predicted gene 5105 // 3 G3|3 // 329763 /// ENSMUST000000	Gm5105	0.00590807	2.01108	Week 6 up vs Week 2
10344353	---		1.34282E-08	2.01185	Week 6 up vs Week 2
10339911	---		1.03358E-06	2.01229	Week 6 up vs Week 2
10341865	---		0.000410142	2.01231	Week 6 up vs Week 2
10466676	BC023385 // 1110059E24Rik // RIKEN cDNA 1110059E24 gene // 19 C1 // 66206 /// EN	1110059E24Rik	2.54735E-06	2.01302	Week 6 up vs Week 2
10338514	---		1.65467E-06	2.01307	Week 6 up vs Week 2
10565152	ENSMUST00000098326 // 9330120H11Rik // RIKEN cDNA 9330120H11 gene // 7 D3 // 3	9330120H11Rik	0.012211	2.01321	Week 6 up vs Week 2
10457888	NM_001004361 // 5730494M16Rik // RIKEN cDNA 5730494M16 gene // 18 A2 // 66648 //	5730494M16Rik	8.65607E-07	2.01379	Week 6 up vs Week 2
10342067	---		1.37672E-05	2.01394	Week 6 up vs Week 2
10518167	NM_025432 // Trappc2 // trafficking protein particle complex 2 // X F5 // 66226	Trappc2	9.91579E-06	2.01421	Week 6 up vs Week 2
10358648	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000448637	2.01454	Week 6 up vs Week 2
10456793	NM_025409 // Ier3ip1 // immediate early response 3 interacting protein 1 // 18 E	Ier3ip1	9.43E-13	2.01503	Week 6 up vs Week 2
10529953	AK036806 // Gm10048 // predicted gene 10048 // 5 B3|5 // 625026	Gm10048	7.42924E-07	2.01513	Week 6 up vs Week 2
10417147	NM_080556 // Tm9sf2 // transmembrane 9 superfamily member 2 // 14 E5|14 67.0 cM	Tm9sf2	1.74351E-07	2.01515	Week 6 up vs Week 2
10342707	---		0.00223086	2.01526	Week 6 up vs Week 2
10399379	NM_008828 // Pgk1 // phosphoglycerate kinase 1 // X C-D|X 45.0 cM // 18655 /// E	Pgk1	1.03646E-09	2.01564	Week 6 up vs Week 2
10498313	NM_008828 // Pgk1 // phosphoglycerate kinase 1 // X C-D|X 45.0 cM // 18655 /// E	Pgk1	1.03646E-09	2.01564	Week 6 up vs Week 2
10343092	---		0.00159745	2.01578	Week 6 up vs Week 2
10343540	---		0.000324722	2.01606	Week 6 up vs Week 2
10346843	NM_001077403 // Nrp2 // neuropilin 2 // 1 C2 // 18187 /// NM_001077404 // Nrp2 /	Nrp2	0.00105024	2.0166	Week 6 up vs Week 2
10340261	---		9.2203E-06	2.01674	Week 6 up vs Week 2
10340419	---		0.000232005	2.01703	Week 6 up vs Week 2
10421924	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	1.37062E-05	2.01706	Week 6 up vs Week 2
10341019	---		0.00146566	2.01723	Week 6 up vs Week 2
10341145	---		4.3784E-09	2.01726	Week 6 up vs Week 2
10571444	NM_007514 // Slc7a2 // solute carrier family 7 (cationic amino acid transporter,	Slc7a2	0.000066141	2.01734	Week 6 up vs Week 2
10392207	NM_198292 // Tex2 // testis expressed gene 2 // 11 D|11 61.0 cM // 21763 /// ENS	Tex2	1.3861E-09	2.01753	Week 6 up vs Week 2
10453082	NM_144802 // Hnrpll // heterogeneous nuclear ribonucleoprotein L-like // 17 E3 /	Hnrpll	4.14042E-07	2.01835	Week 6 up vs Week 2
10342210	---		7.5321E-07	2.01854	Week 6 up vs Week 2
10379176	NM_011676 // Unc119 // unc-119 homolog (C. elegans) // 11 B5|11 44.99 cM // 2224	Unc119	0.0159901	2.01926	Week 6 up vs Week 2
10504137	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	6.97363E-07	2.01966	Week 6 up vs Week 2
10504201	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	6.97363E-07	2.01966	Week 6 up vs Week 2
10512350	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	6.97363E-07	2.01966	Week 6 up vs Week 2
10512352	BC072647 // 4933409K07Rik // RIKEN cDNA 4933409K07 gene // 4 A5 // 108816 /// EN	4933409K07Rik	6.97363E-07	2.01966	Week 6 up vs Week 2
10369132	NM_001081428 // Fam184a // family with sequence similarity 184, member A // 10 B	Fam184a	4.18716E-07	2.02009	Week 6 up vs Week 2
10457644	NM_007664 // Cdh2 // cadherin 2 // 18 A1|18 6.0 cM // 12558 /// AB008811 // Cdh2	Cdh2	0.000269174	2.02019	Week 6 up vs Week 2

10343151	---		0.000108161	2.02043	Week 6 up vs Week 2
10343863	---		0.000366541	2.02053	Week 6 up vs Week 2
10343618	---		9.98211E-06	2.02064	Week 6 up vs Week 2
10374793	NM_027869 // Pnpt1 // polyribonucleotide nucleotidyltransferase 1 // 11 A4 // 71	Pnpt1	1.07342E-06	2.02068	Week 6 up vs Week 2
10545001	NM_175523 // Ppm1k // protein phosphatase 1K (PP2C domain containing) // 6 B3 //	Ppm1k	3.294E-12	2.02082	Week 6 up vs Week 2
10400546	NM_001033156 // Fbxo33 // F-box protein 33 // 12 C1 // 70611 /// ENSMUST00000043	Fbxo33	4.1967E-11	2.02085	Week 6 up vs Week 2
10344320	---		0.00013687	2.02127	Week 6 up vs Week 2
10506050	NM_001122952 // Nfia // nuclear factor I/A // 4 C4-C6|4 45.8 cM // 18027 /// NM_	Nfia	1.88108E-07	2.02131	Week 6 up vs Week 2
10488108	NM_001081090 // Esf1 // ESF1, nucleolar pre-rRNA processing protein, homolog (S.	Esf1	2.95026E-09	2.02169	Week 6 up vs Week 2
10340662	---		0.00155878	2.02175	Week 6 up vs Week 2
10511429	NM_007592 // Car8 // carbonic anhydrase 8 // 4 A1|4 7.7 cM // 12319 /// BC010773	Car8	0.000320065	2.02212	Week 6 up vs Week 2
10344295	---		0.00159916	2.02226	Week 6 up vs Week 2
10338301	---		1.17369E-06	2.02285	Week 6 up vs Week 2
10492180	NM_001113413 // Rnf13 // ring finger protein 13 // 3 D // 24017 /// NM_011883 //	Rnf13	5.83998E-08	2.0229	Week 6 up vs Week 2
10356274	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	5.97141E-05	2.02312	Week 6 up vs Week 2
10406757	NM_023420 // Col4a3bp // collagen, type IV, alpha 3 (Goodpasture antigen) bindin	Col4a3bp	6.70267E-10	2.02319	Week 6 up vs Week 2
10412177	NM_028151 // Skiv2l2 // superkiller viralicidic activity 2-like 2 (S. cerevisiae	Skiv2l2	2.88699E-08	2.02333	Week 6 up vs Week 2
10339348	---		6.66748E-06	2.02397	Week 6 up vs Week 2
10420155	NM_026819 // Dhrs1 // dehydrogenase/reductase (SDR family) member 1 // 14 C3|14	Dhrs1	0.000275321	2.02437	Week 6 up vs Week 2
10343087	---		0.00764723	2.02584	Week 6 up vs Week 2
10340043	---		0.00191052	2.02587	Week 6 up vs Week 2
10594044	NM_012043 // Islr // immunoglobulin superfamily containing leucine-rich repeat /	Islr	0.00175505	2.02643	Week 6 up vs Week 2
10502934	NM_011231 // Rabggtb // RAB geranylgeranyl transferase, b subunit // 3 H3|3 76.5	Rabggtb	2.08902E-10	2.02666	Week 6 up vs Week 2
10555089	NM_001081267 // Rsf1 // remodeling and spacing factor 1 // 7 E2 // 233532 /// EN	Rsf1	1.44596E-09	2.02785	Week 6 up vs Week 2
10340699	---		0.000843616	2.02944	Week 6 up vs Week 2
10390860	NM_033373 // Krt23 // keratin 23 // 11 D // 94179 /// ENSMUST00000006969 // Krt2	Krt23	3.20379E-05	2.02979	Week 6 up vs Week 2
10344138	---		2.83815E-05	2.02982	Week 6 up vs Week 2
10342955	---		6.21407E-07	2.03073	Week 6 up vs Week 2
10447951	NM_011581 // Thbs2 // thrombospondin 2 // 17 8.1 cM // 21826 /// ENSMUST00000024	Thbs2	0.00443149	2.03089	Week 6 up vs Week 2
10342449	---		5.38085E-05	2.03116	Week 6 up vs Week 2
10492381	NM_001033300 // Gmps // guanine monphosphate synthetase // 3 E1 // 229363 /// EN	Gmps	1.46624E-08	2.03182	Week 6 up vs Week 2
10457331	BC098481 // 2410129H14Rik // RIKEN cDNA 2410129H14 gene // 14 E2.2 // 76789 ///	2410129H14Rik	2.67001E-05	2.03182	Week 6 up vs Week 2
10436596	ENSMUST00000068704 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1	2810055G20Rik	1.51441E-06	2.03214	Week 6 up vs Week 2
10342211	---		0.0102016	2.03303	Week 6 up vs Week 2
10397257	NM_007701 // Vsx2 // visual system homeobox 2 // 12 D1|12 38.0 cM // 12677 /// E	Vsx2	0.00748302	2.0343	Week 6 up vs Week 2
10455112	NM_053142 // Pcdhb17 // protocadherin beta 17 // 18 B3 // 93888 /// ENSMUST00000	Pcdhb17	2.87821E-07	2.03523	Week 6 up vs Week 2
10556456	BC049153 // 2610024B07Rik // RIKEN cDNA 2610024B07 gene // 7 E3 // 269987 /// EN	2610024B07Rik	2.99242E-08	2.03539	Week 6 up vs Week 2
10475360	NM_025595 // Mrpl51 // mitochondrial ribosomal protein L51 // 6 F2 // 66493 ///	Mrpl51	2.66892E-10	2.03552	Week 6 up vs Week 2
10343942	---		9.45384E-08	2.03578	Week 6 up vs Week 2
10338357	---		0.0113158	2.03581	Week 6 up vs Week 2
10586227	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442 /// B	Dennd4a	1.76482E-08	2.03601	Week 6 up vs Week 2
10457614	NM_009700 // Aqp4 // aquaporin 4 // 18 A1|18 6.0 cM // 11829 /// ENSMUST00000079	Aqp4	4.47948E-05	2.03608	Week 6 up vs Week 2
10358575	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000259024	2.03618	Week 6 up vs Week 2
10483046	NM_010074 // Dpp4 // dipeptidylpeptidase 4 // 2 C2-D|2 35.0 cM // 13482 /// NM_0	Dpp4	9.29027E-05	2.03623	Week 6 up vs Week 2
10342203	---		2.37056E-05	2.03683	Week 6 up vs Week 2
10343673	---		0.000039954	2.03703	Week 6 up vs Week 2
10339488	---		0.00105883	2.03718	Week 6 up vs Week 2
10592084	NM_009178 // St3gal4 // ST3 beta-galactoside alpha-2,3-sialyltransferase 4 // 9	St3gal4	4.93497E-06	2.03766	Week 6 up vs Week 2
10607124	NM_001114385 // Chrdl1 // chordin-like 1 // --- // 83453 /// NM_031258 // Chrdl1	Chrdl1	1.56112E-06	2.0391	Week 6 up vs Week 2
10531737	NM_152803 // Hpse // heparanase // 5 E4 // 15442 /// ENSMUST00000045617 // Hpse	Hpse	4.48245E-06	2.03957	Week 6 up vs Week 2
10338232	---		2.26189E-05	2.0404	Week 6 up vs Week 2
10465089	NM_001024560 // Snx32 // sorting nexin 32 // 19 A // 225861 /// ENSMUST000000701	Snx32	1.00395E-06	2.04049	Week 6 up vs Week 2
10523297	NM_007635 // Ccng2 // cyclin G2 // 5 E3.3-F1.3 // 12452 /// ENSMUST00000031331 /	Ccng2	2.505E-07	2.04086	Week 6 up vs Week 2
10384691	NM_027860 // 0610010F05Rik // RIKEN cDNA 0610010F05 gene // 11 A3.3 // 71675 ///	0610010F05Rik	1.23298E-08	2.04116	Week 6 up vs Week 2
10340514	---		4.93895E-05	2.04156	Week 6 up vs Week 2
10462084	---		4.48228E-05	2.04219	Week 6 up vs Week 2
10342559	---		0.000281215	2.04219	Week 6 up vs Week 2
10351224	NM_007976 // F5 // coagulation factor V // 1 H2.2|1 86.6 cM // 14067 /// ENSMUST	F5	1.82031E-08	2.0424	Week 6 up vs Week 2
10342592	---		0.000264241	2.04309	Week 6 up vs Week 2
10340527	---		0.000681963	2.04314	Week 6 up vs Week 2
10578377	NM_013522 // Frg1 // FSHD region gene 1 // 8 A4|8 22.6 cM // 14300 /// ENSMUST00	Frg1	2.07695E-07	2.04341	Week 6 up vs Week 2
10362036	NM_019702 // Hbs1l // Hbs1-like (S. cerevisiae) // 10 A3 // 56422 /// NM_0010425	Hbs1l	7.45002E-10	2.04347	Week 6 up vs Week 2
10342873	---		0.000153112	2.04356	Week 6 up vs Week 2
10369647	NM_053183 // Ddx50 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 50 // 10 B4 // 9421	Ddx50	1.37763E-09	2.04375	Week 6 up vs Week 2
10342165	---		3.70785E-06	2.04389	Week 6 up vs Week 2

10466818	NM_146097 // Cbwd1 // COBW domain containing 1 // 19 B // 226043 /// ENSMUST0000	Cbwd1	2.64504E-08	2.04418	Week 6 up vs Week 2
10343457	---		0.000013201	2.04437	Week 6 up vs Week 2
10341849	---		3.48706E-05	2.04443	Week 6 up vs Week 2
10342193	---		0.000373185	2.04479	Week 6 up vs Week 2
10466835	AF357408 // Snora19 // small nucleolar RNA, H/ACA box 19 // 19|19 // 100217439	Snora19	5.27652E-07	2.04526	Week 6 up vs Week 2
10468851	AF357408 // Snora19 // small nucleolar RNA, H/ACA box 19 // 19|19 // 100217439	Snora19	5.27652E-07	2.04526	Week 6 up vs Week 2
10523905	NM_013827 // Mtf2 // metal response element binding transcription factor 2 // 5	Mtf2	2.2165E-08	2.04528	Week 6 up vs Week 2
10467508	NM_008528 // Blnk // B-cell linker // 19 C3|19 31.0 cM // 17060 /// ENSMUST00000	Blnk	5.3919E-06	2.04528	Week 6 up vs Week 2
10533812	NM_001081203 // Sbno1 // sno, strawberry notch homolog 1 (Drosophila) // 5 F //	Sbno1	2.858E-12	2.04532	Week 6 up vs Week 2
10498309	NM_019410 // Pfn2 // profilin 2 // 3 D|3 29.3 cM // 18645 /// ENSMUST00000066882	Pfn2	8.99764E-05	2.0463	Week 6 up vs Week 2
10456071	NM_001037859 // Csf1r // colony stimulating factor 1 receptor // 18 D|18 30.0 cM	Csf1r	3.3651E-07	2.0477	Week 6 up vs Week 2
10607004	NM_016883 // Psmd10 // proteasome (prosome, macropain) 26S subunit, non-ATPase,	Psmd10	4.33995E-07	2.04789	Week 6 up vs Week 2
10411915	NM_172807 // Ppwd1 // peptidylprolyl isomerase domain and WD repeat containing 1	Ppwd1	4.893E-12	2.04817	Week 6 up vs Week 2
10340310	---		0.00445321	2.04841	Week 6 up vs Week 2
10344174	---		8.59342E-07	2.04872	Week 6 up vs Week 2
10523231	NM_181728 // Art3 // ADP-ribosyltransferase 3 // 5 E2|5 52.0 cM // 109979 /// EN	Art3	0.00165333	2.04971	Week 6 up vs Week 2
10436594	---		4.7191E-06	2.05013	Week 6 up vs Week 2
10343271	---		1.34942E-08	2.05071	Week 6 up vs Week 2
10338558	---		3.28934E-08	2.05159	Week 6 up vs Week 2
10430679	---		0.00014655	2.05194	Week 6 up vs Week 2
10339909	---		0.00561259	2.05199	Week 6 up vs Week 2
10343415	---		1.97702E-05	2.05215	Week 6 up vs Week 2
10561690	BC022688 // A230107C01Rik // RIKEN cDNA A230107C01 gene // 7 B1 // 320225 /// EN	A230107C01Rik	1.82902E-10	2.05251	Week 6 up vs Week 2
10566346	NM_001146007 // 9230105E10Rik // RIKEN cDNA 9230105E10 gene // 7 E3 // 319236 //	9230105E10Rik	1.44853E-05	2.05261	Week 6 up vs Week 2
10340125	---		0.000660498	2.05287	Week 6 up vs Week 2
10343189	---		0.0201483	2.05288	Week 6 up vs Week 2
10397189	NM_029880 // Ptgr2 // prostaglandin reductase 2 // 12 D3 // 77219 /// ENSMUST000	Ptgr2	2.49178E-09	2.05306	Week 6 up vs Week 2
10344074	---		8.06722E-08	2.05367	Week 6 up vs Week 2
10353064	NM_001102430 // Arfgef1 // ADP-ribosylation factor guanine nucleotide-exchange f	Arfgef1	3.92438E-09	2.05391	Week 6 up vs Week 2
10343338	---		0.000467854	2.05458	Week 6 up vs Week 2
10501567	NM_001038696 // Rnpc3 // RNA-binding region (RNP1, RRM) containing 3 // 3 G1 //	Rnpc3	8.77652E-07	2.05462	Week 6 up vs Week 2
10339644	---		8.86471E-06	2.05516	Week 6 up vs Week 2
10500204	NM_007899 // Ecm1 // extracellular matrix protein 1 // 3 F2.1|3 45.4 cM // 13601	Ecm1	2.02493E-06	2.05543	Week 6 up vs Week 2
10498485	NM_015728 // Slc33a1 // solute carrier family 33 (acetyl-CoA transporter), membe	Slc33a1	2.01093E-06	2.05577	Week 6 up vs Week 2
10344312	---		0.000699579	2.05619	Week 6 up vs Week 2
10343376	---		2.49656E-06	2.05669	Week 6 up vs Week 2
10392010	AK153679 // 1700081L11Rik // RIKEN cDNA 1700081L11 gene // 11 E1 // 76719 /// AK	1700081L11Rik	4.32384E-08	2.05691	Week 6 up vs Week 2
10453555	NM_153780 // 2610044O15Rik // RIKEN cDNA 2610044O15 gene // --- // 72139 /// BC0	2610044O15Rik	0.000376603	2.05694	Week 6 up vs Week 2
10400668	NM_025441 // Sdccag1 // serologically defined colon cancer antigen 1 // 12 C3 //	Sdccag1	9.484E-12	2.05709	Week 6 up vs Week 2
10339440	---		0.000476926	2.05724	Week 6 up vs Week 2
10438909	NM_001128096 // Atp13a3 // ATPase type 13A3 // 16 B2 // 224088 /// NM_001128094	Atp13a3	3.6861E-07	2.05745	Week 6 up vs Week 2
10363281	NM_011240 // Ranbp2 // RAN binding protein 2 // 10 B4|10 30.0 cM // 19386 /// EN	Ranbp2	9.80483E-10	2.05776	Week 6 up vs Week 2
10343702	---		0.004767	2.05792	Week 6 up vs Week 2
10338897	---		0.000968519	2.05852	Week 6 up vs Week 2
10480329	NM_007869 // Dnajc1 // DnaJ (Hsp40) homolog, subfamily C, member 1 // 2 A2 // 13	Dnajc1	1.05935E-09	2.05898	Week 6 up vs Week 2
10340239	---		0.0105588	2.05902	Week 6 up vs Week 2
10339178	---		8.96018E-05	2.05904	Week 6 up vs Week 2
10342878	---		5.56161E-07	2.05938	Week 6 up vs Week 2
10360542	NM_025511 // Fam36a // family with sequence similarity 36, member A // 1 H3 // 6	Fam36a	1.55996E-06	2.05969	Week 6 up vs Week 2
10341881	---		0.000531553	2.05991	Week 6 up vs Week 2
10358557	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	4.43205E-05	2.06043	Week 6 up vs Week 2
10578989	NM_177698 // Psd3 // pleckstrin and Sec7 domain containing 3 // 8 B3.3 // 234353	Psd3	2.97138E-09	2.06059	Week 6 up vs Week 2
10498972	NM_001146328 // Rbm46 // RNA binding motif protein 46 // 3 E3 // 633285 /// ENSM	Rbm46	3.06894E-06	2.06138	Week 6 up vs Week 2
10412773	NM_001033270 // Slc4a7 // solute carrier family 4, sodium bicarbonate cotranspor	Slc4a7	0.00151867	2.06165	Week 6 up vs Week 2
10402179	NM_211355 // Smek1 // SMEK homolog 1, suppressor of mek1 (Dictyostelium) // 12 E	Smek1	5.69699E-07	2.06189	Week 6 up vs Week 2
10521969	NM_028260 // Immp1l // IMP1 inner mitochondrial membrane peptidase-like (S. cere	Immp1l	1.4153E-08	2.06268	Week 6 up vs Week 2
10411690	NM_011233 // Rad17 // RAD17 homolog (S. pombe) // 13 D1 // 19356 /// NM_00104437	Rad17	1.43572E-08	2.06306	Week 6 up vs Week 2
10383353	NM_145363 // Tspan10 // tetraspanin 10 // 11 E2 // 208634 /// ENSMUST00000106212	Tspan10	0.000185126	2.06359	Week 6 up vs Week 2
10338824	---		3.78143E-05	2.0637	Week 6 up vs Week 2
10511617	NM_026558 // Fam92a // family with sequence similarity 92, member A // 4 A2 // 6	Fam92a	2.08827E-09	2.06376	Week 6 up vs Week 2
10572724	NM_145624 // Zfp709 // zinc finger protein 709 // 8 B3.3 // 236193 /// ENSMUST00	Zfp709	4.55105E-05	2.06472	Week 6 up vs Week 2
10339522	---		0.000310278	2.06485	Week 6 up vs Week 2
10343834	---		0.000399472	2.06565	Week 6 up vs Week 2
10344092	---		0.000129869	2.06578	Week 6 up vs Week 2
10384150	ENSMUST00000059507 // Purb // purine rich element binding protein B // 11 A1|11	Purb	2.27011E-06	2.06613	Week 6 up vs Week 2

10464251	NM_181415 // Atrnl1 // attractin like 1 // 19 D2 // 226255 /// ENSMUST0000007728	Atrnl1	2.91316E-06	2.06628	Week 6 up vs Week 2
10360270	NM_178405 // Atp1a2 // ATPase, Na+/K+ transporting, alpha 2 polypeptide // 1 H3|	Atp1a2	0.000350762	2.06639	Week 6 up vs Week 2
10556133	NM_019637 // Styx // serine/threonine/tyrosine interaction protein // 14 C1 // 5	Styx	2.98248E-05	2.06654	Week 6 up vs Week 2
10514568	NM_053157 // Tm2d1 // TM2 domain containing 1 // 4 C6 // 94043 /// ENSMUST000001	Tm2d1	1.4764E-09	2.06677	Week 6 up vs Week 2
10423556	NM_018755 // Pgcp // plasma glutamate carboxypeptidase // 15 B3.2 // 54381 /// N	Pgcp	7.69877E-06	2.06677	Week 6 up vs Week 2
10600524	NM_011692 // Vbp1 // von Hippel-Lindau binding protein 1 // X A7.3|X 30.8 cM //	Vbp1	6.30274E-06	2.06695	Week 6 up vs Week 2
10405633	NM_001025074 // Ntrk2 // neurotrophic tyrosine kinase, receptor, type 2 // 13 B1	Ntrk2	8.61383E-09	2.06722	Week 6 up vs Week 2
10343698	---		3.45668E-05	2.06734	Week 6 up vs Week 2
10341941	---		9.73076E-05	2.06758	Week 6 up vs Week 2
10440566	NM_001081068 // Rnf160 // ring finger protein 160 // 16 C3.3 // 78913 /// ENSMUS	Rnf160	6.08632E-07	2.06837	Week 6 up vs Week 2
10341394	---		3.07903E-05	2.06864	Week 6 up vs Week 2
10338415	---		2.75517E-07	2.06915	Week 6 up vs Week 2
10344235	---		3.89835E-07	2.06948	Week 6 up vs Week 2
10603166	NM_025432 // Trappc2 // trafficking protein particle complex 2 // X F5 // 66226	Trappc2	2.07747E-08	2.07003	Week 6 up vs Week 2
10588037	NM_011254 // Rbp1 // retinol binding protein 1, cellular // 9 E3.3|9 52.0 cM //	Rbp1	3.15499E-05	2.07022	Week 6 up vs Week 2
10380887	NM_011540 // Tcap // titin-cap // 11 D // 21393 /// ENSMUST00000008021 // Tcap /	Tcap	0.00794223	2.07082	Week 6 up vs Week 2
10456346	NM_025468 // Sec11c // SEC11 homolog C (S. cerevisiae) // 18 E1 // 66286 /// ENS	Sec11c	7.5694E-09	2.07177	Week 6 up vs Week 2
10426301	NM_011541 // Tcea1 // transcription elongation factor A (SII) 1 // 1 A1 // 21399	Tcea1	1.32206E-09	2.07213	Week 6 up vs Week 2
10409616	NM_009262 // Spock1 // sparc/osteonectin, cwcv and kazal-like domains proteoglyc	Spock1	2.99533E-06	2.07263	Week 6 up vs Week 2
10458992	ENSMUST00000025488 // C330018D20Rik // RIKEN cDNA C330018D20 gene // 18 D3 /	C330018D20Rik	9.24593E-07	2.0731	Week 6 up vs Week 2
10389561	NM_026191 // Dhx40 // DEAH (Asp-Glu-Ala-His) box polypeptide 40 // 11 C // 67487	Dhx40	5.76557E-10	2.07334	Week 6 up vs Week 2
10380558	---		3.49E-13	2.07361	Week 6 up vs Week 2
10346549	NM_007624 // Cbx3 // chromobox homolog 3 (Drosophila HP1 gamma) // 6 B-C|6 26.0	Cbx3	4.64183E-07	2.07426	Week 6 up vs Week 2
10339293	---		3.34155E-05	2.07448	Week 6 up vs Week 2
10340168	---		9.06353E-08	2.07476	Week 6 up vs Week 2
10340751	---		0.000225431	2.07477	Week 6 up vs Week 2
10474689	NM_026620 // Fam98b // family with sequence similarity 98, member B // 2 E5 // 6	Fam98b	2.7615E-09	2.07543	Week 6 up vs Week 2
10343389	---		2.61642E-06	2.07575	Week 6 up vs Week 2
10538282	NM_007624 // Cbx3 // chromobox homolog 3 (Drosophila HP1 gamma) // 6 B-C|6 26.0	Cbx3	2.22714E-07	2.07586	Week 6 up vs Week 2
10342082	---		0.0016684	2.07614	Week 6 up vs Week 2
10413434	NM_001114879 // D14Abb1e // DNA segment, Chr 14, Abbott 1 expressed // 14 B // 2	D14Abb1e	5.84262E-09	2.07626	Week 6 up vs Week 2
10535883	NM_153572 // Katnal1 // katanin p60 subunit A-like 1 // 5 G3 // 231912 /// ENSMU	Katnal1	2.89132E-09	2.07703	Week 6 up vs Week 2
10427744	NM_030690 // Rai14 // retinoic acid induced 14 // 15 A2 // 75646 /// ENSMUST0000	Rai14	4.58448E-10	2.07753	Week 6 up vs Week 2
10340985	---		0.000140316	2.0782	Week 6 up vs Week 2
10339795	---		1.41339E-05	2.07824	Week 6 up vs Week 2
10338917	---		2.12879E-08	2.07833	Week 6 up vs Week 2
10343077	---		0.00469212	2.07837	Week 6 up vs Week 2
10490826	NM_177660 // Zbtb10 // zinc finger and BTB domain containing 10 // 3 A1 // 22905	Zbtb10	4.02076E-06	2.07897	Week 6 up vs Week 2
10389010	BC055024 // 5730455P16Rik // RIKEN cDNA 5730455P16 gene // 11 B5 // 70591 /// NM	5730455P16Rik	2.74586E-09	2.07907	Week 6 up vs Week 2
10338960	---		7.61734E-05	2.07925	Week 6 up vs Week 2
10440564	NM_001081068 // Rnf160 // ring finger protein 160 // 16 C3.3 // 78913 /// ENSMUS	Rnf160	2.71159E-05	2.07979	Week 6 up vs Week 2
10339881	---		0.000314216	2.08113	Week 6 up vs Week 2
10339337	---		7.53655E-06	2.08123	Week 6 up vs Week 2
10339168	---		2.16362E-05	2.08207	Week 6 up vs Week 2
10384811	NM_025740 // Ccdc104 // coiled-coil domain containing 104 // 11 A4 // 216618 ///	Ccdc104	4.28368E-08	2.08295	Week 6 up vs Week 2
10338880	---		8.39643E-10	2.08327	Week 6 up vs Week 2
10342879	---		1.20327E-05	2.08328	Week 6 up vs Week 2
10606609	NM_019656 // Tspan6 // tetraspanin 6 // X E3 // 56496 /// ENSMUST00000087557 //	Tspan6	0.000491226	2.08402	Week 6 up vs Week 2
10557206	NM_175023 // Rbbp6 // retinoblastoma binding protein 6 // --- // 19647 /// NM_01	Rbbp6	5.33936E-07	2.08413	Week 6 up vs Week 2
10484283	NM_016744 // Pde1a // phosphodiesterase 1A, calmodulin-dependent // 2 D // 18573	Pde1a	1.6788E-09	2.08425	Week 6 up vs Week 2
10339373	---		0.00105007	2.08541	Week 6 up vs Week 2
10587495	NM_022986 // Irak1bp1 // interleukin-1 receptor-associated kinase 1 binding prot	Irak1bp1	1.43719E-08	2.08561	Week 6 up vs Week 2
10341889	---		1.46796E-05	2.08647	Week 6 up vs Week 2
10600901	NM_013476 // Ar // androgen receptor // X C3|X 36.0 cM // 11835 /// ENSMUST00000	Ar	5.54952E-05	2.08669	Week 6 up vs Week 2
10338261	---		2.92727E-05	2.08678	Week 6 up vs Week 2
10494043	NM_028307 // Tdrkh // tudor and KH domain containing protein // 3 F2 // 72634 //	Tdrkh	5.84722E-05	2.08684	Week 6 up vs Week 2
10457733	NM_019737 // B4galt6 // UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polyp	B4galt6	5.15862E-08	2.08723	Week 6 up vs Week 2
10602739	NM_019736 // Acot9 // acyl-CoA thioesterase 9 // X F3 // 56360 /// ENSMUST000000	Acot9	1.41239E-09	2.0877	Week 6 up vs Week 2
10357870	NM_054077 // Prelp // proline arginine-rich end leucine-rich repeat // 1 E4|1 74	Prelp	0.000475238	2.08819	Week 6 up vs Week 2
10550400	NM_001099636 // Pnmal2 // PNMA-like 2 // 7 A2 // 434128 /// ENSMUST00000094807 /	Pnmal2	1.06431E-06	2.08916	Week 6 up vs Week 2
10581013	NM_009866 // Cdh11 // cadherin 11 // 8 D2|8 46.5 cM // 12552 /// ENSMUST00000075	Cdh11	0.000656656	2.08957	Week 6 up vs Week 2
10412844	NM_009409 // Top2b // topoisomerase (DNA) II beta // 14 A3 // 21974 /// ENSMUST0	Top2b	2.42665E-07	2.09012	Week 6 up vs Week 2
10355214	NM_010497 // Idh1 // isocitrate dehydrogenase 1 (NADP+), soluble // 1 C2|1 29.8	Idh1	5.52482E-07	2.09031	Week 6 up vs Week 2
10594800	NM_172772 // B230380D07Rik // RIKEN cDNA B230380D07 gene // 9 D // 235461 /// EN	B230380D07Rik	4.67465E-06	2.09085	Week 6 up vs Week 2
10338843	---		0.0011864	2.09219	Week 6 up vs Week 2

10368670	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	3.04778E-07	2.09244	Week 6 up vs Week 2
10585417	NM_029573 // Idh3a // isocitrate dehydrogenase 3 (NAD+) alpha // 9 A5.3 // 67834	Idh3a	5.20533E-08	2.09308	Week 6 up vs Week 2
10342367	---		9.97779E-05	2.09308	Week 6 up vs Week 2
10341634	---		7.86921E-06	2.09312	Week 6 up vs Week 2
10513061	NM_018761 // Ctnnal1 // catenin (cadherin associated protein), alpha-like 1 // 4	Ctnnal1	3.8856E-09	2.09321	Week 6 up vs Week 2
10339684	---		0.000154079	2.09333	Week 6 up vs Week 2
10340147	---		0.000288886	2.09346	Week 6 up vs Week 2
10342542	---		0.00490175	2.09438	Week 6 up vs Week 2
10462313	NM_009199 // Slc1a1 // solute carrier family 1 (neuronal/epithelial high affinit	Slc1a1	0.00025312	2.09472	Week 6 up vs Week 2
10339003	---		6.61611E-06	2.0949	Week 6 up vs Week 2
10549536	NM_001113424 // Amn1 // antagonist of mitotic exit network 1 homolog (S. cerevis	Amn1	1.36284E-08	2.09523	Week 6 up vs Week 2
10518361	NM_053124 // Smarca5 // SWI/SNF related, matrix associated, actin dependent regu	Smarca5	5.9508E-07	2.09534	Week 6 up vs Week 2
10351873	NM_175026 // Pyhin1 // pyrin and HIN domain family, member 1 // 1 H3 // 236312 /	Pyhin1	0.000404152	2.09596	Week 6 up vs Week 2
10492689	NM_019971 // Pdgfc // platelet-derived growth factor, C polypeptide // 3 E3 // 5	Pdgfc	1.02793E-05	2.09608	Week 6 up vs Week 2
10358459	NM_145511 // BC003331 // cDNA sequence BC003331 // 1 G1 // 226499 /// NM_001077	BC003331	5.56995E-09	2.09625	Week 6 up vs Week 2
10342535	---		0.000201593	2.09698	Week 6 up vs Week 2
10461979	NM_013467 // Aldh1a1 // aldehyde dehydrogenase family 1, subfamily A1 // 19 B|19	Aldh1a1	5.65199E-06	2.09707	Week 6 up vs Week 2
10574985	NM_178798 // Slc7a6 // solute carrier family 7 (cationic amino acid transporter,	Slc7a6	1.0992E-08	2.09718	Week 6 up vs Week 2
10339615	---		0.000618867	2.09815	Week 6 up vs Week 2
10418480	NM_153547 // Gnl3 // guanine nucleotide binding protein-like 3 (nucleolar) // 14	Gnl3	4.13767E-09	2.09867	Week 6 up vs Week 2
10343102	---		1.08405E-06	2.09869	Week 6 up vs Week 2
10476314	NM_011170 // Prnp // prion protein // 2 F2|2 75.0 cM // 19122 /// ENSMUST0000009	Prnp	1.93268E-07	2.09921	Week 6 up vs Week 2
10510142	NR_002888 // Vmn2r-ps14 // vomeronasal 2, receptor, pseudogene 14 // 4 E1 // 545	Vmn2r-ps14	3.5303E-07	2.09926	Week 6 up vs Week 2
10498319	NM_030685 // Serp1 // stress-associated endoplasmic reticulum protein 1 // 3 D|3	Serp1	3.46418E-07	2.0993	Week 6 up vs Week 2
10341333	---		3.30142E-05	2.09962	Week 6 up vs Week 2
10381697	NM_138753 // Hexim1 // hexamethylene bis-acetamide inducible 1 // 11 E1 // 19223	Hexim1	6.2E-14	2.09969	Week 6 up vs Week 2
10421573	NM_007624 // Cbx3 // chromobox homolog 3 (Drosophila HP1 gamma) // 6 B-C|6 26.0	Cbx3	3.97971E-07	2.09999	Week 6 up vs Week 2
10350758	AK080751 // A930039A15Rik // RIKEN cDNA A930039A15 gene // --- // 791276	A930039A15Rik	3.77034E-06	2.10027	Week 6 up vs Week 2
10593668	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	7.22204E-05	2.10064	Week 6 up vs Week 2
10341844	---		9.4989E-07	2.10091	Week 6 up vs Week 2
10340415	---		1.02751E-05	2.10094	Week 6 up vs Week 2
10342715	---		2.1443E-08	2.10138	Week 6 up vs Week 2
10395553	NM_176930 // Nrcam // neuron-glia-CAM-related cell adhesion molecule // 12 B3 //	Nrcam	1.19096E-05	2.10175	Week 6 up vs Week 2
10341782	---		0.000429569	2.1023	Week 6 up vs Week 2
10343485	---		1.82189E-05	2.10243	Week 6 up vs Week 2
10369154	NM_008548 // Man1a // mannosidase 1, alpha // 10 B3 // 17155 /// ENSMUST00000003	Man1a	2.06685E-06	2.10245	Week 6 up vs Week 2
10341508	---		4.84345E-07	2.10316	Week 6 up vs Week 2
10395328	NM_001014973 // Snx13 // sorting nexin 13 // 12 A3 // 217463 /// ENSMUST00000048	Snx13	2.52442E-10	2.10409	Week 6 up vs Week 2
10339545	---		2.86766E-10	2.1046	Week 6 up vs Week 2
10343202	---		9.03501E-07	2.1046	Week 6 up vs Week 2
10487321	NM_023220 // 2010106G01Rik // RIKEN cDNA 2010106G01 gene // 2 F3 // 66552 /// EN	2010106G01Rik	8.31888E-08	2.10482	Week 6 up vs Week 2
10343614	---		0.00022649	2.1054	Week 6 up vs Week 2
10474467	NM_172979 // Muc15 // mucin 15 // 2 E3 // 269328 /// ENSMUST00000111017 // Muc15	Muc15	0.0122658	2.10556	Week 6 up vs Week 2
10372385	NM_172554 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 32015	Zdhhc17	5.01943E-05	2.10613	Week 6 up vs Week 2
10395612	NM_001015099 // G2e3 // G2/M-phase specific E3 ubiquitin ligase // 12 C1 // 2175	G2e3	2.60119E-06	2.10653	Week 6 up vs Week 2
10338872	---		0.00030857	2.10657	Week 6 up vs Week 2
10342538	---		6.41164E-06	2.10691	Week 6 up vs Week 2
10458685	ENSMUST00000097589 // Jakmip2 // janus kinase and microtubule interacting protei	Jakmip2	0.000123586	2.10738	Week 6 up vs Week 2
10359917	NM_010476 // Hsd17b7 // hydroxysteroid (17-beta) dehydrogenase 7 // 1 H3 // 1549	Hsd17b7	2.50906E-06	2.10769	Week 6 up vs Week 2
10343219	---		0.000002382	2.10819	Week 6 up vs Week 2
10340964	---		0.00025428	2.10872	Week 6 up vs Week 2
10517421	NM_026383 // Pnrc2 // proline-rich nuclear receptor coactivator 2 // 4 D3|4 66.7	Pnrc2	1.79683E-08	2.10916	Week 6 up vs Week 2
10390691	NM_145434 // Nr1d1 // nuclear receptor subfamily 1, group D, member 1 // 11 D //	Nr1d1	7.81337E-08	2.10983	Week 6 up vs Week 2
10340912	---		0.000447717	2.10993	Week 6 up vs Week 2
10552090	NM_207262 // Abpe // androgen binding protein epsilon // 7 B1 // 381970 /// ENSM	Abpe	1.44225E-07	2.11021	Week 6 up vs Week 2
10342730	---		1.10148E-06	2.11043	Week 6 up vs Week 2
10400572	NM_025707 // Klhl28 // kelch-like 28 (Drosophila) // 12 C1 // 66689 /// ENSMUST0	Klhl28	8.43E-13	2.11105	Week 6 up vs Week 2
10476817	NM_181040 // Atpaf1 // ATP synthase mitochondrial F1 complex assembly factor 1 /	Atpaf1	2.28994E-10	2.11138	Week 6 up vs Week 2
10469575	NR_002688 // Gm13363 // protein tyrosine phosphatase 4a1-like // 2 A3 // 433406	Gm13363	4.07752E-07	2.11274	Week 6 up vs Week 2
10486522	NM_011743 // Zfp106 // zinc finger protein 106 // 2 F1|2 67.2 cM // 20402 /// EN	Zfp106	4.34591E-08	2.11275	Week 6 up vs Week 2
10338336	---		0.000216954	2.11318	Week 6 up vs Week 2
10368486	NM_001110197 // Rnf146 // ring finger protein 146 // 10 A4 // 68031 /// NM_00111	Rnf146	2.25126E-07	2.11381	Week 6 up vs Week 2
10339214	---		2.42218E-05	2.11412	Week 6 up vs Week 2
10596273	NM_001163026 // Dnajc13 // DnaJ (Hsp40) homolog, subfamily C, member 13 // 9 F1	Dnajc13	4.58267E-07	2.11455	Week 6 up vs Week 2
10599321	NM_020256 // Zbtb33 // zinc finger and BTB domain containing 33 // X A3.3 // 568	Zbtb33	9.82154E-08	2.11592	Week 6 up vs Week 2

10501555	NM_007446 // Amy1 // amylase 1, salivary // 3 F3|3 50.0 cM // 11722 /// NM_00111	Amy1	0.000776697	2.11627	Week 6 up vs Week 2
10468275	NM_027654 // Pcgf6 // polycomb group ring finger 6 // 19 C3 // 71041 /// ENSMUST	Pcgf6	9.18459E-09	2.11664	Week 6 up vs Week 2
10424349	NM_009270 // Sqle // squalene epoxidase // 15 D1 // 20775 /// ENSMUST00000022977	Sqle	0.00434548	2.11673	Week 6 up vs Week 2
10358666	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	7.67113E-05	2.11731	Week 6 up vs Week 2
10484520	BC120879 // 4833423E24Rik // RIKEN cDNA 4833423E24 gene // 2 D // 228151 /// ENS	4833423E24Rik	0.00840535	2.11732	Week 6 up vs Week 2
10342142	---		0.00529964	2.11738	Week 6 up vs Week 2
10338803	---		0.000153784	2.1179	Week 6 up vs Week 2
10407358	NM_145457 // Paip1 // polyadenylate binding protein-interacting protein 1 // 13	Paip1	4.84148E-08	2.11798	Week 6 up vs Week 2
10340602	---		5.46023E-10	2.11855	Week 6 up vs Week 2
10543239	NM_031198 // Tcfec // transcription factor EC // 6 E4-G // 21426 /// ENSMUST0000	Tcfec	9.08807E-05	2.11956	Week 6 up vs Week 2
10344218	---		3.26601E-06	2.11987	Week 6 up vs Week 2
10338082	---		1.6264E-09	2.1199	Week 6 up vs Week 2
10454039	NM_008378 // Impact // imprinted and ancient // 18 A2-B2 // 16210 /// ENSMUST000	Impact	1.25809E-08	2.12099	Week 6 up vs Week 2
10503882	NM_011884 // Rngtt // RNA guanylyltransferase and 5'-phosphatase // 4 A5 // 2401	Rngtt	9.47983E-10	2.1229	Week 6 up vs Week 2
10346562	NM_207653 // Cflar // CASP8 and FADD-like apoptosis regulator // 1 C1.3|1 30.1 c	Cflar	1.77894E-10	2.12346	Week 6 up vs Week 2
10389143	NM_181545 // Slfn8 // schlafen 8 // 11 C // 276950 /// ENSMUST00000038141 // Slf	Slfn8	1.181E-11	2.12349	Week 6 up vs Week 2
10367422	NM_025364 // Sarnp // SAP domain containing ribonucleoprotein // 10 C1 // 66118	Sarnp	4.22522E-08	2.12386	Week 6 up vs Week 2
10341529	---		0.000162737	2.12451	Week 6 up vs Week 2
10347741	NM_026713 // Mogat1 // monoacylglycerol O-acyltransferase 1 // 1 C4 // 68393 ///	Mogat1	5.51663E-07	2.12518	Week 6 up vs Week 2
10462111	ENSMUST00000067077 // Gm9938 // predicted gene 9938 // --- // 791290	Gm9938	3.15322E-08	2.12537	Week 6 up vs Week 2
10339520	---		2.40939E-05	2.12579	Week 6 up vs Week 2
10367120	---		1.05577E-08	2.12638	Week 6 up vs Week 2
10607089	NM_207625 // Acsl4 // acyl-CoA synthetase long-chain family member 4 // X F2 //	Acsl4	1.02777E-09	2.12666	Week 6 up vs Week 2
10340243	---		0.000594616	2.12711	Week 6 up vs Week 2
10340109	---		0.00103604	2.12732	Week 6 up vs Week 2
10415279	NM_026808 // Fitm1 // fat storage-inducing transmembrane protein 1 // 14 C3 // 6	Fitm1	0.00677907	2.12889	Week 6 up vs Week 2
10498653	NM_133675 // 1110032A04Rik // RIKEN cDNA 1110032A04 gene // 3 E3 // 66183 /// EN	1110032A04Rik	0.00011457	2.12909	Week 6 up vs Week 2
10374842	NM_176841 // Ccdc88a // coiled coil domain containing 88A // 11 A3.3 // 108686 /	Ccdc88a	9.25808E-06	2.12955	Week 6 up vs Week 2
10342070	---		0.00434727	2.12977	Week 6 up vs Week 2
10344057	---		3.2472E-09	2.1302	Week 6 up vs Week 2
10342509	---		2.46224E-09	2.13055	Week 6 up vs Week 2
10342340	---		0.000144325	2.1309	Week 6 up vs Week 2
10368748	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	3.21579E-07	2.13201	Week 6 up vs Week 2
10339311	---		5.92063E-08	2.13215	Week 6 up vs Week 2
10517287	NM_207237 // Man1c1 // mannosidase, alpha, class 1C, member 1 // 4 D3 // 230815	Man1c1	6.70641E-07	2.1322	Week 6 up vs Week 2
10503359	NM_198957 // C430048L16Rik // RIKEN cDNA C430048L16 gene // 4 A1 // 77604 /// EN	C430048L16Rik	5.76649E-06	2.13284	Week 6 up vs Week 2
10491780	NM_011020 // Hspa4l // heat shock protein 4 like // 3 B // 18415 /// ENSMUST0000	Hspa4l	4.48207E-06	2.13292	Week 6 up vs Week 2
10576692	NM_010568 // Insr // insulin receptor // 8 A1.1|8 1.0 cM // 16337 /// ENSMUST000	Insr	4.37338E-09	2.13305	Week 6 up vs Week 2
10342661	---		1.61282E-06	2.13382	Week 6 up vs Week 2
10339416	---		0.000047223	2.13387	Week 6 up vs Week 2
10338506	---		1.16796E-06	2.13449	Week 6 up vs Week 2
10430174	NM_173786 // Apol9a // apolipoprotein L 9a // 15 E1 // 223672 /// NM_001162883 /	Apol9a	0.00158486	2.13514	Week 6 up vs Week 2
10358555	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	6.00968E-05	2.1361	Week 6 up vs Week 2
10589462	U08819 // Mtap4 // microtubule-associated protein 4 // 9 F2|9 58.0 cM // 17758	Mtap4	0.000597231	2.1363	Week 6 up vs Week 2
10543319	NM_138587 // Fam3c // family with sequence similarity 3, member C // 6 A3.1|6 2.	Fam3c	8.44961E-06	2.13646	Week 6 up vs Week 2
10342911	---		5.42783E-08	2.13658	Week 6 up vs Week 2
10523060	ENSMUST00000068250 // Gm9958 // predicted gene 9958 // --- // 791294	Gm9958	2.55669E-10	2.13689	Week 6 up vs Week 2
10342634	---		2.66919E-06	2.13734	Week 6 up vs Week 2
10392484	NM_013851 // Abca8b // ATP-binding cassette, sub-family A (ABC1), member 8b // 1	Abca8b	2.45453E-05	2.13776	Week 6 up vs Week 2
10351179	BC050143 // 2810422O20Rik // RIKEN cDNA 2810422O20 gene // 1 H2.2 // 69962 /// E	2810422O20Rik	3.67111E-09	2.13796	Week 6 up vs Week 2
10586718	NM_177159 // 9530091C08Rik // RIKEN cDNA 9530091C08 gene // 9 C // 320440	9530091C08Rik	1.02313E-07	2.13802	Week 6 up vs Week 2
10571911	BC042740 // 2700029M09Rik // RIKEN cDNA 2700029M09 gene // 8 B3.2 // 72612 /// E	2700029M09Rik	1.7016E-11	2.1382	Week 6 up vs Week 2
10542714	NM_133688 // Lyrm5 // LYR motif containing 5 // 6 G3|6 71.12 cM // 67636 /// ENS	Lyrm5	8.17352E-10	2.13867	Week 6 up vs Week 2
10400095	NM_013562 // Ifrd1 // interferon-related developmental regulator 1 // 12 B1|12 2	Ifrd1	3.00554E-09	2.13872	Week 6 up vs Week 2
10365286	NM_025499 // Eid3 // EP300 interacting inhibitor of differentiation 3 // 10 C1 /	Eid3	1.48736E-06	2.13872	Week 6 up vs Week 2
10340824	---		4.30604E-08	2.13886	Week 6 up vs Week 2
10475414	NM_009735 // B2m // beta-2 microglobulin // 2 F1-F3|2 69.0 cM // 12010 /// ENSMU	B2m	7.88686E-06	2.13924	Week 6 up vs Week 2
10342747	---		4.09396E-07	2.13936	Week 6 up vs Week 2
10341965	---		0.000185949	2.13963	Week 6 up vs Week 2
10462613	NM_008332 // Ifit2 // interferon-induced protein with tetratricopeptide repeats	Ifit2	9.4644E-10	2.13973	Week 6 up vs Week 2
10542750	NM_025315 // Med21 // mediator complex subunit 21 // 6 G3 // 108098 /// ENSMUST0	Med21	2.27594E-07	2.13979	Week 6 up vs Week 2
10579049	AK129029 // Gm10033 // predicted gene 10033 // 8 B3.3|8 // 378466	Gm10033	3.31637E-08	2.14049	Week 6 up vs Week 2
10343599	---		1.16134E-06	2.14057	Week 6 up vs Week 2
10338708	---		8.33563E-06	2.14057	Week 6 up vs Week 2
10343884	---		8.1151E-06	2.14102	Week 6 up vs Week 2

10340298	---		3.70876E-05	2.14119	Week 6 up vs Week 2
10339910	---		5.53059E-09	2.14162	Week 6 up vs Week 2
10342729	---		8.22728E-05	2.14266	Week 6 up vs Week 2
10344214	---		7.66388E-06	2.14287	Week 6 up vs Week 2
10339625	---		8.41977E-06	2.14313	Week 6 up vs Week 2
10567589	NM_001033173 // Usp31 // ubiquitin specific peptidase 31 // 7 F2 // 76179 /// EN	Usp31	8.3E-13	2.14344	Week 6 up vs Week 2
10374083	NM_009636 // Aebp1 // AE binding protein 1 // 11 A1 // 11568 /// ENSMUST00000102	Aebp1	4.98488E-05	2.14404	Week 6 up vs Week 2
10374880	NM_133767 // Mtif2 // mitochondrial translational initiation factor 2 // 11 A4 /	Mtif2	1.63823E-09	2.14418	Week 6 up vs Week 2
10338754	---		1.11461E-09	2.14485	Week 6 up vs Week 2
10539894	NM_011844 // Mgll // monoglyceride lipase // 6 D1 // 23945 /// ENSMUST0000008944	Mgll	8.89469E-05	2.14567	Week 6 up vs Week 2
10341293	---		0.00818982	2.14679	Week 6 up vs Week 2
10341909	---		0.000101792	2.14692	Week 6 up vs Week 2
10339699	---		0.000260981	2.1473	Week 6 up vs Week 2
10340240	---		0.000961698	2.14846	Week 6 up vs Week 2
10412421	NM_028245 // Zfp131 // zinc finger protein 131 // --- // 72465 /// AY092766 // Z	Zfp131	1.17038E-08	2.14908	Week 6 up vs Week 2
10411059	NM_173392 // Zfyve16 // zinc finger, FYVE domain containing 16 // 13 C3 // 21844	Zfyve16	1.1708E-09	2.14912	Week 6 up vs Week 2
10495001	NM_172684 // Rsbn1 // rosbin, round spermatid basic protein 1 // 3 F2.2 // 22967	Rsbn1	4.3663E-11	2.1492	Week 6 up vs Week 2
10552299	NM_183166 // Gm4884 // predicted gene 4884 // 7 B3|7 // 233164 /// ENSMUST000000	Gm4884	4.92528E-07	2.14931	Week 6 up vs Week 2
10593605	NM_027807 // Cul5 // cullin 5 // 9 C // 75717 /// NM_001161618 // Cul5 // cullin	Cul5	1.87231E-07	2.14959	Week 6 up vs Week 2
10339935	---		7.17019E-07	2.15006	Week 6 up vs Week 2
10343728	---		4.21084E-06	2.15186	Week 6 up vs Week 2
10338185	---		0.00406349	2.15328	Week 6 up vs Week 2
10341471	---		3.87408E-07	2.15345	Week 6 up vs Week 2
10496621	NM_145546 // Gtf2b // general transcription factor IIB // 3 H1 // 229906 /// ENS	Gtf2b	9.5277E-11	2.15346	Week 6 up vs Week 2
10580331	NM_022997 // Vps35 // vacuolar protein sorting 35 // 8 C3 // 65114 /// ENSMUST00	Vps35	4.56676E-06	2.15382	Week 6 up vs Week 2
10344013	---		3.65823E-06	2.15439	Week 6 up vs Week 2
10547740	NM_144938 // C1s // complement component 1, s subcomponent // 6 F2 // 50908 ///	C1s	0.000279499	2.15504	Week 6 up vs Week 2
10358535	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.00303661	2.15525	Week 6 up vs Week 2
10510230	NM_001039209 // Gm13152 // predicted gene 13152 // 4 E1|4 // 195531 /// NM_00101	Gm13152	1.36325E-08	2.15568	Week 6 up vs Week 2
10600797	NR_004438 // Apoo-ps // apolipoprotein O, pseudogene // 13 D2.1 // 621156 /// NM	Apoo-ps	3.62615E-10	2.15659	Week 6 up vs Week 2
10579910	NM_026934 // Zc3h15 // zinc finger CCCH-type containing 15 // 2 E1 // 69082 ///	Zc3h15	3.82217E-10	2.15686	Week 6 up vs Week 2
10360506	NM_011785 // Akt3 // thymoma viral proto-oncogene 3 // 1 H4-H6 // 23797 /// ENSM	Akt3	1.7243E-06	2.15769	Week 6 up vs Week 2
10583297	NM_029248 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA poly	Taf1d	1.0896E-08	2.15997	Week 6 up vs Week 2
10483819	NM_028235 // Ttc30b // tetratricopeptide repeat domain 30B // 2 C3 // 72421 ///	Ttc30b	1.3829E-10	2.16025	Week 6 up vs Week 2
10541873	NM_025595 // Mrpl51 // mitochondrial ribosomal protein L51 // 6 F2 // 66493 ///	Mrpl51	1.52031E-09	2.16065	Week 6 up vs Week 2
10543959	NM_008973 // Ptn // pleiotrophin // 6 B1|6 13.5 cM // 19242 /// ENSMUST000001015	Ptn	0.000288125	2.16129	Week 6 up vs Week 2
10395389	NM_025312 // Sostdc1 // sclerostin domain containing 1 // 12 B2 // 66042 /// ENS	Sostdc1	1.23694E-05	2.16131	Week 6 up vs Week 2
10342638	---		0.000239769	2.16211	Week 6 up vs Week 2
10339789	---		0.000408633	2.16238	Week 6 up vs Week 2
10389882	NM_026313 // 3300001P08Rik // RIKEN cDNA 3300001P08 gene // 11 C // 67684 /// EN	3300001P08Rik	1.51933E-10	2.16317	Week 6 up vs Week 2
10400157	ENSMUST00000021438 // Nova1 // neuro-oncological ventral antigen 1 // 12 B3 // 6	Nova1	6.5295E-07	2.16404	Week 6 up vs Week 2
10338151	---		2.76E-13	2.16513	Week 6 up vs Week 2
10571774	NM_001005847 // Aga // aspartylglucosaminidase // 8 B3 // 11593 /// ENSMUST00000	Aga	2.03418E-08	2.16553	Week 6 up vs Week 2
10342942	---		8.51214E-05	2.16573	Week 6 up vs Week 2
10519713	XR_032132 // LOC635773 // hypothetical protein LOC635773 // --- // 635773	LOC635773	2.20771E-10	2.16704	Week 6 up vs Week 2
10472605	NM_009278 // Ssb // Sjogren syndrome antigen B // 2 C2|2 41.0 cM // 20823 /// NM	Ssb	1.65307E-08	2.16826	Week 6 up vs Week 2
10340107	---		0.000020198	2.16827	Week 6 up vs Week 2
10369210	NM_019760 // Serinc1 // serine incorporator 1 // 10 B4 // 56442 /// ENSMUST00000	Serinc1	4.93959E-09	2.16867	Week 6 up vs Week 2
10530633	NM_011890 // Sgcb // sarcoglycan, beta (dystrophin-associated glycoprotein) // 5	Sgcb	1.28395E-07	2.16871	Week 6 up vs Week 2
10501315	ENSMUST00000098691 // Gm12522 // predicted gene 12522 // --- // 100038453	Gm12522	6.16529E-10	2.16876	Week 6 up vs Week 2
10548563	NM_011200 // Ptp4a1 // protein tyrosine phosphatase 4a1 // 1 B // 19243 /// NR_0	Ptp4a1	1.86956E-07	2.17096	Week 6 up vs Week 2
10498599	NM_026641 // Ift80 // intraflagellar transport 80 homolog (Chlamydomonas) // 3 E	Ift80	2.75853E-08	2.17203	Week 6 up vs Week 2
10599377	NM_021465 // Stag2 // stromal antigen 2 // --- // 20843 /// NM_001077712 // Stag	Stag2	9.64459E-08	2.1727	Week 6 up vs Week 2
10440288	NM_028059 // Zfp654 // zinc finger protein 654 // 16 C1.3 // 72020 /// ENSMUST00	Zfp654	1.41127E-05	2.17353	Week 6 up vs Week 2
10338090	---		6.41924E-07	2.17409	Week 6 up vs Week 2
10463997	NM_011050 // Pdcd4 // programmed cell death 4 // 19 D2|19 20.0 cM // 18569 /// E	Pdcd4	4.78129E-06	2.17462	Week 6 up vs Week 2
10341279	---		2.21494E-06	2.17618	Week 6 up vs Week 2
10343817	---		0.000011582	2.17629	Week 6 up vs Week 2
10343292	---		1.205E-07	2.17749	Week 6 up vs Week 2
10356001	NM_016716 // Cul3 // cullin 3 // 1 C4 // 26554 /// ENSMUST00000004478 // Cul3 //	Cul3	3.11022E-09	2.17918	Week 6 up vs Week 2
10362138	NM_011704 // Vnn1 // vanin 1 // 10 A1-B2 // 22361 /// ENSMUST00000041416 // Vnn1	Vnn1	5.42422E-05	2.17947	Week 6 up vs Week 2
10407040	NM_001081222 // Esco1 // establishment of cohesion 1 homolog 1 (S. cerevisiae) /	Esco1	1.33353E-08	2.17973	Week 6 up vs Week 2
10338770	---		0.000114087	2.17973	Week 6 up vs Week 2
10340052	---		1.84858E-05	2.18099	Week 6 up vs Week 2
10585803	NM_009291 // Stra6 // stimulated by retinoic acid gene 6 // 9 C // 20897 /// NM_	Stra6	0.000158225	2.18101	Week 6 up vs Week 2

10545583	NM_025882 // Pole4 // polymerase (DNA-directed), epsilon 4 (p12 subunit) // 6 D1	Pole4	5.91519E-07	2.1812	Week 6 up vs Week 2
10369867	NM_009360 // Tfam // transcription factor A, mitochondrial // 10 38.0 cM // 2178	Tfam	7.59996E-08	2.18145	Week 6 up vs Week 2
10338716	---		2.53762E-05	2.18171	Week 6 up vs Week 2
10538684	NM_001081145 // Tigd2 // tigger transposable element derived 2 // 6 B3 // 68140	Tigd2	3.2138E-11	2.18322	Week 6 up vs Week 2
10473779	ENSMUST00000111449 // Cugbp1 // CUG triplet repeat, RNA binding protein 1 // 2 E	Cugbp1	1.1965E-11	2.18409	Week 6 up vs Week 2
10340620	---		0.0001745	2.18413	Week 6 up vs Week 2
10476939	NM_001142411 // Gm4979 // predicted gene 4979 // 2 G3 // 245174 /// ENSMUST00000	Gm4979	4.16454E-08	2.18416	Week 6 up vs Week 2
10341991	---		1.59111E-05	2.18422	Week 6 up vs Week 2
10420659	BC037015 // 6330409N04Rik // RIKEN cDNA 6330409N04 gene // 14 D1 // 66674 /// NM	6330409N04Rik	7.0207E-11	2.18502	Week 6 up vs Week 2
10602840	NM_021389 // Sh3kbp1 // SH3-domain kinase binding protein 1 // X F4 // 58194 ///	Sh3kbp1	3.29784E-07	2.18505	Week 6 up vs Week 2
10442270	BC025651 // 1300003B13Rik // RIKEN cDNA 1300003B13 gene // 17 A3.3 // 74149 ///	1300003B13Rik	5.51954E-07	2.18526	Week 6 up vs Week 2
10339010	---		0.00126794	2.1853	Week 6 up vs Week 2
10342863	---		2.24241E-05	2.1855	Week 6 up vs Week 2
10343119	---		0.00025295	2.1861	Week 6 up vs Week 2
10469732	NM_013771 // Yme1l1 // YME1-like 1 (S. cerevisiae) // 2 A3 // 27377 /// ENSMUST0	Yme1l1	7.85232E-08	2.18655	Week 6 up vs Week 2
10542885	NM_026054 // 2810474O19Rik // RIKEN cDNA 2810474O19 gene // 6 G3 // 67246 /// EN	2810474O19Rik	8.87402E-10	2.18682	Week 6 up vs Week 2
10364149	NM_009115 // S100b // S100 protein, beta polypeptide, neural // 10 C1|10 41.0 cM	S100b	0.000331713	2.18762	Week 6 up vs Week 2
10391985	BC056964 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA polym	Taf1d	5.26368E-08	2.18879	Week 6 up vs Week 2
10405739	BC056964 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA polym	Taf1d	5.26368E-08	2.18879	Week 6 up vs Week 2
10409988	BC056964 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA polym	Taf1d	5.26368E-08	2.18879	Week 6 up vs Week 2
10583318	BC056964 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA polym	Taf1d	5.26368E-08	2.18879	Week 6 up vs Week 2
10346874	---		1.1351E-11	2.18944	Week 6 up vs Week 2
10340236	---		0.000116733	2.19019	Week 6 up vs Week 2
10396094	NM_027117 // Klhdc2 // kelch domain containing 2 // 12 C3|12 30.0 cM // 69554 //	Klhdc2	3.45551E-08	2.19046	Week 6 up vs Week 2
10351119	NM_016796 // Vamp4 // vesicle-associated membrane protein 4 // 1 H1|1 85.0 cM //	Vamp4	2.56051E-10	2.19062	Week 6 up vs Week 2
10459389	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	4.98117E-07	2.19102	Week 6 up vs Week 2
10339942	---		0.00243293	2.19112	Week 6 up vs Week 2
10338205	---		1.14698E-05	2.19133	Week 6 up vs Week 2
10339474	---		9.18249E-06	2.19186	Week 6 up vs Week 2
10344220	---		2.44579E-05	2.19221	Week 6 up vs Week 2
10339447	---		6.21E-13	2.19344	Week 6 up vs Week 2
10512935	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	3.5091E-07	2.19363	Week 6 up vs Week 2
10339650	---		8.36568E-07	2.19419	Week 6 up vs Week 2
10338460	---		5.8051E-08	2.19493	Week 6 up vs Week 2
10496425	NM_009626 // Adh7 // alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide	Adh7	0.00198609	2.19562	Week 6 up vs Week 2
10543333	NM_013930 // Aass // aminoadipate-semialdehyde synthase // 6 A3.1|6 4.5 cM // 30	Aass	1.90978E-06	2.19705	Week 6 up vs Week 2
10453334	NM_028233 // Lrpprc // leucine-rich PPR-motif containing // 17 E4 // 72416 /// E	Lrpprc	1.2961E-11	2.1976	Week 6 up vs Week 2
10511952	NM_015824 // Orc3l // origin recognition complex, subunit 3-like (S. cerevisiae)	Orc3l	7.57789E-09	2.19813	Week 6 up vs Week 2
10577534	NM_011696 // Vdac3 // voltage-dependent anion channel 3 // 8 A2|8 8.0 cM // 2233	Vdac3	7.9142E-10	2.19866	Week 6 up vs Week 2
10338894	---		0.000841258	2.20038	Week 6 up vs Week 2
10550509	NM_009402 // Pglyrp1 // peptidoglycan recognition protein 1 // 7 A3 // 21946 ///	Pglyrp1	0.00046073	2.20159	Week 6 up vs Week 2
10506714	NM_053073 // Lrp8 // low density lipoprotein receptor-related protein 8, apolipo	Lrp8	2.10836E-05	2.20165	Week 6 up vs Week 2
10442231	---		2.25266E-08	2.20259	Week 6 up vs Week 2
10344117	---		1.05698E-08	2.20268	Week 6 up vs Week 2
10463068	NM_011200 // Ptp4a1 // protein tyrosine phosphatase 4a1 // 1 B // 19243 /// NR_0	Ptp4a1	1.32577E-07	2.20298	Week 6 up vs Week 2
10347925	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	7.50547E-05	2.20299	Week 6 up vs Week 2
10342646	---		2.18419E-07	2.20349	Week 6 up vs Week 2
10346914	NM_172422 // Fastkd2 // FAST kinase domains 2 // 1 C2 // 75619 /// ENSMUST000000	Fastkd2	2.22607E-09	2.20416	Week 6 up vs Week 2
10351140	NM_010629 // Kifap3 // kinesin-associated protein 3 // 1 H1 // 16579 /// ENSMUST	Kifap3	1.76558E-09	2.20467	Week 6 up vs Week 2
10340011	---		9.93912E-05	2.20492	Week 6 up vs Week 2
10362418	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0215685	2.20503	Week 6 up vs Week 2
10483521	NM_177244 // Fastkd1 // FAST kinase domains 1 // 2 C2 // 320720 /// ENSMUST00000	Fastkd1	1.22394E-10	2.20537	Week 6 up vs Week 2
10339310	---		0.000369398	2.20572	Week 6 up vs Week 2
10344058	---		1.17087E-08	2.20615	Week 6 up vs Week 2
10548656	X63004 // Prpmp5 // proline-rich protein MP5 // 6 G1 // 381832 /// X63004 // Prp	Prpmp5	0.00129236	2.20625	Week 6 up vs Week 2
10344485	---		2.21835E-05	2.20674	Week 6 up vs Week 2
10363070	NM_008147 // Gp49a // glycoprotein 49 A // 10 B3 // 14727 /// M65027 // Gp49a //	Gp49a	1.69707E-07	2.20695	Week 6 up vs Week 2
10528008	NM_001103157 // Steap2 // six transmembrane epithelial antigen of prostate 2 //	Steap2	4.47779E-09	2.2085	Week 6 up vs Week 2
10339136	---		3.56901E-05	2.20856	Week 6 up vs Week 2
10425945	NM_010180 // Fbln1 // fibulin 1 // 15 E-F // 14114 /// ENSMUST00000057410 // Fbl	Fbln1	6.63894E-07	2.20937	Week 6 up vs Week 2
10342364	---		0.00284268	2.20955	Week 6 up vs Week 2
10344374	---		1.38056E-05	2.2096	Week 6 up vs Week 2
10343350	---		4.49196E-05	2.20966	Week 6 up vs Week 2
10490923	NM_009801 // Car2 // carbonic anhydrase 2 // 3 A1|3 10.5 cM // 12349 /// ENSMUST	Car2	0.0104816	2.21007	Week 6 up vs Week 2
10394498	NM_172470 // Wdr35 // WD repeat domain 35 // 12 A1.3 // 74682 /// NM_001159527 /	Wdr35	1.18304E-06	2.2105	Week 6 up vs Week 2

10571984	NM_001081215 // Ddx60 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 // 8 B3.1 //	Ddx60	0.00608226	2.21073	Week 6 up vs Week 2
10544875	NM_027268 // Scrn1 // secernin 1 // 6 B3 // 69938 /// ENSMUST00000019268 // Scrn	Scrn1	2.84864E-08	2.21097	Week 6 up vs Week 2
10578069	NM_153116 // Gtpbp10 // GTP-binding protein 10 (putative) // 5 A1 // 207704 ///	Gtpbp10	1.33685E-10	2.21139	Week 6 up vs Week 2
10338822	---		6.93309E-05	2.21183	Week 6 up vs Week 2
10597960	NM_139142 // Slc6a20a // solute carrier family 6 (neurotransmitter transporter),	Slc6a20a	4.94656E-06	2.21232	Week 6 up vs Week 2
10344081	---		3.07064E-06	2.21509	Week 6 up vs Week 2
10360406	NM_172648 // Ifi205 // interferon activated gene 205 // 1 H3|1 95.3 cM // 226695	Ifi205	2.1292E-06	2.21677	Week 6 up vs Week 2
10341868	---		0.000154446	2.21686	Week 6 up vs Week 2
10484463	NM_009776 // Serping1 // serine (or cysteine) peptidase inhibitor, clade G, memb	Serping1	0.000674878	2.21744	Week 6 up vs Week 2
10339287	---		0.000106835	2.21761	Week 6 up vs Week 2
10365559	NM_010512 // Igf1 // insulin-like growth factor 1 // 10 C1|10 48.0 cM // 16000 /	Igf1	0.00016024	2.21764	Week 6 up vs Week 2
10594973	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.0109999	2.21892	Week 6 up vs Week 2
10493633	NM_022314 // Tpm3 // tropomyosin 3, gamma // 3 F1 // 59069 /// ENSMUST0000011957	Tpm3	0.0100243	2.21898	Week 6 up vs Week 2
10541644	NM_053094 // Cd163 // CD163 antigen // 6 F2 // 93671 /// ENSMUST00000032234 // C	Cd163	4.81979E-07	2.21912	Week 6 up vs Week 2
10343079	---		9.84876E-06	2.21957	Week 6 up vs Week 2
10344078	---		0.000083756	2.21976	Week 6 up vs Week 2
10340021	---		2.08288E-06	2.2204	Week 6 up vs Week 2
10522134	NM_024471 // Lias // lipoic acid synthetase // 5 C3.3 // 79464 /// ENSMUST000000	Lias	4.9E-13	2.22068	Week 6 up vs Week 2
10455118	NM_053143 // Pcdhb18 // protocadherin beta 18 // 18 B3 // 93889 /// ENSMUST00000	Pcdhb18	2.9141E-08	2.22104	Week 6 up vs Week 2
10545283	NM_001160127 // Smyd1 // SET and MYND domain containing 1 // 6 C1|6 30.5 cM // 1	Smyd1	0.00365027	2.22107	Week 6 up vs Week 2
10340944	---		4.56727E-07	2.22187	Week 6 up vs Week 2
10341617	---		0.000630352	2.22316	Week 6 up vs Week 2
10530870	NM_007937 // Epha5 // Eph receptor A5 // 5 E1|5 43.0 cM // 13839 /// ENSMUST0000	Epha5	1.66911E-06	2.22324	Week 6 up vs Week 2
10446334	NM_133236 // Glcci1 // glucocorticoid induced transcript 1 // 6 A1 // 170772 ///	Glcci1	1.1948E-06	2.22387	Week 6 up vs Week 2
10513957	NM_011211 // Ptprd // protein tyrosine phosphatase, receptor type, D // 4 C3|4 3	Ptprd	4.41021E-06	2.22485	Week 6 up vs Week 2
10490602	NM_007906 // Eef1a2 // eukaryotic translation elongation factor 1 alpha 2 // 2 H	Eef1a2	0.000244796	2.22505	Week 6 up vs Week 2
10471474	NM_021515 // Ak1 // adenylate kinase 1 // 2 B|2 21.6 cM // 11636 /// ENSMUST0000	Ak1	0.000567437	2.22579	Week 6 up vs Week 2
10580452	NM_009172 // Siah1a // seven in absentia 1A // 8 C3|8 38.5 cM // 20437 /// ENSMU	Siah1a	3E-15	2.22625	Week 6 up vs Week 2
10466735	NM_001114174 // Fam189a2 // family with sequence similarity 189, member A2 // 19	Fam189a2	1.50524E-06	2.22693	Week 6 up vs Week 2
10375515	NM_008330 // Ifi47 // interferon gamma inducible protein 47 // 11 B1.2 // 15953	Ifi47	4.45186E-06	2.22695	Week 6 up vs Week 2
10340722	---		0.000812765	2.22697	Week 6 up vs Week 2
10395692	NM_009706 // Arhgap5 // Rho GTPase activating protein 5 // 12 C1|12 25.75 cM //	Arhgap5	4.1579E-06	2.22706	Week 6 up vs Week 2
10407543	NM_027000 // Gtpbp4 // GTP binding protein 4 // --- // 69237 /// ENSMUST00000021	Gtpbp4	3.14153E-09	2.22824	Week 6 up vs Week 2
10342081	---		0.000011716	2.22857	Week 6 up vs Week 2
10338276	---		3.58875E-06	2.22983	Week 6 up vs Week 2
10457203	---		3.43806E-07	2.23087	Week 6 up vs Week 2
10468653	NM_170757 // A630007B06Rik // RIKEN cDNA A630007B06 gene // 19 D2 // 213993 ///	A630007B06Rik	4.7994E-11	2.23091	Week 6 up vs Week 2
10339826	---		6.51869E-06	2.2316	Week 6 up vs Week 2
10537494	NM_028358 // Ssbp1 // single-stranded DNA binding protein 1 // 6 B2 // 381760 //	Ssbp1	2.334E-12	2.23192	Week 6 up vs Week 2
10578539	NM_007450 // Slc25a4 // solute carrier family 25 (mitochondrial carrier, adenine	Slc25a4	2.62072E-07	2.23215	Week 6 up vs Week 2
10553477	NM_177694 // Ano5 // anoctamin 5 // 7 B5 // 233246 /// ENSMUST00000043944 // Ano	Ano5	0.00147458	2.23261	Week 6 up vs Week 2
10339015	---		0.000221188	2.23272	Week 6 up vs Week 2
10341631	---		4.07698E-05	2.23285	Week 6 up vs Week 2
10341535	---		1.23863E-05	2.23291	Week 6 up vs Week 2
10340113	---		7.91096E-08	2.23328	Week 6 up vs Week 2
10339163	---		1.42816E-05	2.23404	Week 6 up vs Week 2
10591816	NM_172920 // Dpy19l1 // dpy-19-like 1 (C. elegans) // 9 A4 // 244745 /// BC11678	Dpy19l1	8.25765E-08	2.23414	Week 6 up vs Week 2
10480459	NM_080462 // Hnmt // histamine N-methyltransferase // 2 A3 // 140483 /// ENSMUST	Hnmt	2.107E-12	2.23443	Week 6 up vs Week 2
10585545	NM_011992 // Rcn2 // reticulocalbin 2 // 9 C // 26611 /// ENSMUST00000034871 //	Rcn2	1.0338E-11	2.23666	Week 6 up vs Week 2
10528170	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063 /// BC09	Cycs	4.90405E-06	2.2368	Week 6 up vs Week 2
10606876	NM_019768 // Morf4l2 // mortality factor 4 like 2 // X F1 // 56397 /// ENSMUST00	Morf4l2	4.11074E-09	2.2384	Week 6 up vs Week 2
10435963	NM_026402 // Atg3 // autophagy-related 3 (yeast) // 16 B5 // 67841 /// ENSMUST00	Atg3	2.25844E-08	2.23841	Week 6 up vs Week 2
10497485	---		8.53687E-08	2.23914	Week 6 up vs Week 2
10362968	NM_024285 // Bves // blood vessel epicardial substance // 10 B2|10 29.0 cM // 23	Bves	4.62863E-06	2.24069	Week 6 up vs Week 2
10520763	NM_144909 // Gckr // glucokinase regulatory protein // 5 B1 // 231103 /// ENSMUS	Gckr	6.31112E-05	2.24147	Week 6 up vs Week 2
10396008	NM_177806 // Prpf39 // PRP39 pre-mRNA processing factor 39 homolog (yeast) // 12	Prpf39	7.24465E-09	2.24234	Week 6 up vs Week 2
10459866	NM_028122 // Slc14a1 // solute carrier family 14 (urea transporter), member 1 //	Slc14a1	7.42923E-06	2.24272	Week 6 up vs Week 2
10413695	NM_001081251 // Pbrm1 // polybromo 1 // 14 B // 66923 /// ENSMUST00000112098 //	Pbrm1	2.39E-13	2.24321	Week 6 up vs Week 2
10582879	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	1.46411E-05	2.24321	Week 6 up vs Week 2
10344343	---		1.76518E-06	2.24362	Week 6 up vs Week 2
10353034	NR_004410 // Snord87 // small nucleolar RNA, C/D box 87 // 1|1 // 266793	Snord87	5.85611E-07	2.24387	Week 6 up vs Week 2
10586166	---		7.60754E-10	2.24493	Week 6 up vs Week 2
10340578	---		9.56537E-09	2.24509	Week 6 up vs Week 2
10343820	---		6.16186E-06	2.24545	Week 6 up vs Week 2
10342602	---		0.000023765	2.24628	Week 6 up vs Week 2

10342650	---		2.79127E-05	2.24647	Week 6 up vs Week 2
10339418	---		6.31867E-05	2.24688	Week 6 up vs Week 2
10341118	---		4.49597E-06	2.24706	Week 6 up vs Week 2
10542959	NM_009748 // Bet1 // blocked early in transport 1 homolog (S. cerevisiae) // 6 A	Bet1	9.9985E-07	2.24762	Week 6 up vs Week 2
10511755	NM_177327 // Wwp1 // WW domain containing E3 ubiquitin protein ligase 1 // 4 A3	Wwp1	8.65911E-10	2.24803	Week 6 up vs Week 2
10497381	NM_007825 // Cyp7b1 // cytochrome P450, family 7, subfamily b, polypeptide 1 //	Cyp7b1	1.93984E-08	2.24926	Week 6 up vs Week 2
10511498	NM_175175 // Plekhf2 // pleckstrin homology domain containing, family F (with FY	Plekhf2	3.97392E-06	2.24985	Week 6 up vs Week 2
10344259	---		3.46954E-05	2.25006	Week 6 up vs Week 2
10343148	---		0.000842637	2.25015	Week 6 up vs Week 2
10378848	NM_010480 // Hsp90aa1 // heat shock protein 90, alpha (cytosolic), class A membe	Hsp90aa1	4.10779E-06	2.25261	Week 6 up vs Week 2
10343927	---		1.29E-13	2.25268	Week 6 up vs Week 2
10439955	NM_001134457 // Fam55c // family with sequence similarity 55, member C // 16 C1.	Fam55c	7.8408E-11	2.25297	Week 6 up vs Week 2
10512939	NM_001081356 // 2610030H06Rik // RIKEN cDNA 2610030H06 gene // --- // 67048 ///	2610030H06Rik	5.02849E-10	2.25315	Week 6 up vs Week 2
10606056	NM_001081356 // 2610030H06Rik // RIKEN cDNA 2610030H06 gene // --- // 67048 ///	2610030H06Rik	5.02849E-10	2.25315	Week 6 up vs Week 2
10490773	NM_019868 // Hnrnph2 // heterogeneous nuclear ribonucleoprotein H2 // X E3 // 56	Hnrnph2	5.10316E-09	2.25375	Week 6 up vs Week 2
10502823	NM_025926 // Dnajb4 // DnaJ (Hsp40) homolog, subfamily B, member 4 // 3 H3 // 67	Dnajb4	5.33403E-08	2.25401	Week 6 up vs Week 2
10340034	---		2.20696E-07	2.25549	Week 6 up vs Week 2
10436708	NM_024258 // Usp16 // ubiquitin specific peptidase 16 // 16 C3.3 // 74112 /// EN	Usp16	5.11E-13	2.2557	Week 6 up vs Week 2
10434741	---		9.33806E-07	2.25617	Week 6 up vs Week 2
10353707	NM_011200 // Ptp4a1 // protein tyrosine phosphatase 4a1 // 1 B // 19243 /// NR_0	Ptp4a1	3.97636E-08	2.25703	Week 6 up vs Week 2
10457429	NM_009071 // Rock1 // Rho-associated coiled-coil containing protein kinase 1 //	Rock1	1.48399E-09	2.25796	Week 6 up vs Week 2
10402195	NM_028924 // Tc2n // tandem C2 domains, nuclear // 12 F1 // 74413 /// NM_0010829	Tc2n	0.0001572	2.2581	Week 6 up vs Week 2
10604199	NM_001110142 // Cul4b // cullin 4B // X A2 // 72584 /// NM_028288 // Cul4b // cu	Cul4b	2.27777E-06	2.25827	Week 6 up vs Week 2
10342456	---		0.00158559	2.25873	Week 6 up vs Week 2
10461115	NM_031194 // Slc22a8 // solute carrier family 22 (organic anion transporter), me	Slc22a8	4.28596E-06	2.25881	Week 6 up vs Week 2
10338492	---		3.55782E-05	2.25896	Week 6 up vs Week 2
10343213	---		2.01539E-05	2.26042	Week 6 up vs Week 2
10339793	---		6.92279E-06	2.2611	Week 6 up vs Week 2
10421932	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	3.05653E-06	2.26131	Week 6 up vs Week 2
10490302	NM_001162922 // 2810021G02Rik // RIKEN cDNA 2810021G02 gene // 2 H4 // 353208 //	2810021G02Rik	3.05364E-05	2.26169	Week 6 up vs Week 2
10384940	NM_025745 // 4933407N01Rik // RIKEN cDNA 4933407N01 gene // 11 A4 // 66753 /// E	4933407N01Rik	1.27461E-08	2.2663	Week 6 up vs Week 2
10338694	---		0.000971341	2.26661	Week 6 up vs Week 2
10353181	NM_145381 // Lactb2 // lactamase, beta 2 // 1 A3 // 212442 /// ENSMUST0000002707	Lactb2	2.96174E-08	2.26698	Week 6 up vs Week 2
10340482	---		0.000464302	2.26765	Week 6 up vs Week 2
10482731	NM_018785 // Prpf40a // PRP40 pre-mRNA processing factor 40 homolog A (yeast) //	Prpf40a	1.37964E-08	2.26953	Week 6 up vs Week 2
10344414	---		3.79136E-10	2.26969	Week 6 up vs Week 2
10339301	---		5.86415E-05	2.27041	Week 6 up vs Week 2
10343359	---		0.000476021	2.27053	Week 6 up vs Week 2
10365987	NM_008438 // Kera // keratocan // 10 C3|10 61.0 cM // 16545 /// ENSMUST000001052	Kera	0.00110136	2.27075	Week 6 up vs Week 2
10343523	---		3.08869E-05	2.27118	Week 6 up vs Week 2
10435789	ENSMUST00000033479 // Zbtb20 // zinc finger and BTB domain containing 20 // 16 B	Zbtb20	1.20918E-05	2.27221	Week 6 up vs Week 2
10338392	---		1.40975E-05	2.27341	Week 6 up vs Week 2
10340877	---		0.00159335	2.27369	Week 6 up vs Week 2
10341919	---		1.59184E-06	2.27383	Week 6 up vs Week 2
10343210	---		1.32019E-06	2.27463	Week 6 up vs Week 2
10342387	---		6.61704E-09	2.27622	Week 6 up vs Week 2
10446965	NM_207246 // Rasgrp3 // RAS, guanyl releasing protein 3 // 17 E2 // 240168 /// E	Rasgrp3	0.00722119	2.27696	Week 6 up vs Week 2
10436623	NM_139134 // Chodl // chondrolectin // 16 C3.2 // 246048 /// ENSMUST00000023568	Chodl	4.21904E-05	2.27777	Week 6 up vs Week 2
10372383	BC051527 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 320150	Zdhhc17	0.000082607	2.27831	Week 6 up vs Week 2
10341403	---		2.13618E-07	2.27851	Week 6 up vs Week 2
10343577	---		5.28096E-08	2.27851	Week 6 up vs Week 2
10363195	NM_008297 // Hsf2 // heat shock factor 2 // 10 B3-B4 // 15500 /// ENSMUST0000007	Hsf2	9.96643E-09	2.28068	Week 6 up vs Week 2
10338945	---		0.000155165	2.28239	Week 6 up vs Week 2
10338417	---		4.97547E-07	2.28268	Week 6 up vs Week 2
10494445	ENSMUST00000062058 // Lix1l // Lix1-like // 3 F2.1 // 280411	Lix1l	5.67709E-05	2.28268	Week 6 up vs Week 2
10527649	BC116246 // 6330406I15Rik // RIKEN cDNA 6330406I15 gene // 5 G3 // 70717 /// NM_	6330406I15Rik	0.000160998	2.28342	Week 6 up vs Week 2
10603746	NM_172778 // Maob // monoamine oxidase B // X A1.2|X 5.2 cM // 109731 /// ENSMUS	Maob	2.35082E-05	2.28396	Week 6 up vs Week 2
10344569	---		0.000251229	2.28417	Week 6 up vs Week 2
10343908	---		4.70437E-07	2.28549	Week 6 up vs Week 2
10338942	---		0.000123438	2.286	Week 6 up vs Week 2
10392642	NM_147219 // Abca5 // ATP-binding cassette, sub-family A (ABC1), member 5 // 11	Abca5	5.79106E-09	2.28638	Week 6 up vs Week 2
10599335	NM_026902 // Mcts1 // malignant T cell amplified sequence 1 // X A2 // 68995 ///	Mcts1	1.1388E-08	2.28675	Week 6 up vs Week 2
10338948	---		0.000205157	2.2871	Week 6 up vs Week 2
10366653	NM_011915 // Wif1 // Wnt inhibitory factor 1 // 10 D2 // 24117 /// ENSMUST000000	Wif1	0.00136067	2.28801	Week 6 up vs Week 2
10420730	NM_010191 // Fdft1 // farnesyl diphosphate farnesyl transferase 1 // 14 D1|14 3.	Fdft1	0.000105569	2.2887	Week 6 up vs Week 2

10342583	---		0.000147079	2.29021	Week 6 up vs Week 2
10505517	NM_021297 // Tlr4 // toll-like receptor 4 // 4 C1|4 33.0 cM // 21898 /// ENSMUST	Tlr4	1.26639E-08	2.29168	Week 6 up vs Week 2
10602677	NM_010951 // Gpr143 // G protein-coupled receptor 143 // X F2-F3|X 65.0 cM // 18	Gpr143	2.71073E-05	2.29179	Week 6 up vs Week 2
10353524	NM_001081079 // Ogfrl1 // opioid growth factor receptor-like 1 // 1 A5 // 70155	Ogfrl1	3.37956E-06	2.29186	Week 6 up vs Week 2
10340491	---		0.000060344	2.29196	Week 6 up vs Week 2
10358577	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.00067547	2.29266	Week 6 up vs Week 2
10536209	NM_010314 // Gngt1 // guanine nucleotide binding protein (G protein), gamma tran	Gngt1	0.0115792	2.29375	Week 6 up vs Week 2
10343785	---		1.25848E-07	2.29417	Week 6 up vs Week 2
10340079	---		2.88187E-06	2.2944	Week 6 up vs Week 2
10342838	---		6.14408E-09	2.29518	Week 6 up vs Week 2
10339316	---		9.20299E-08	2.29556	Week 6 up vs Week 2
10364102	NM_175329 // Chchd10 // coiled-coil-helix-coiled-coil-helix domain containing 10	Chchd10	1.9987E-06	2.29615	Week 6 up vs Week 2
10456719	---		4.08148E-06	2.29649	Week 6 up vs Week 2
10344575	---		0.000406082	2.29818	Week 6 up vs Week 2
10422892	ENSMUST00000053264 // 2410089E03Rik // RIKEN cDNA 2410089E03 gene // 15 A1 //	2410089E03Rik	1.01525E-07	2.29871	Week 6 up vs Week 2
10338910	---		4.8471E-09	2.2994	Week 6 up vs Week 2
10343680	---		4.88068E-05	2.29955	Week 6 up vs Week 2
10342981	---		7.87085E-05	2.29983	Week 6 up vs Week 2
10341985	---		4.32447E-07	2.30236	Week 6 up vs Week 2
10341401	---		0.000409535	2.30322	Week 6 up vs Week 2
10339899	---		3.30992E-07	2.3036	Week 6 up vs Week 2
10422728	NM_023118 // Dab2 // disabled homolog 2 (Drosophila) // 15 A|15 6.7 cM // 13132	Dab2	0.000170784	2.30453	Week 6 up vs Week 2
10461158	AK051045 // Snhg1 // small nucleolar RNA host gene (non-protein coding) 1 // 19	Snhg1	3.8516E-08	2.30587	Week 6 up vs Week 2
10474619	NM_010230 // Fmn1 // formin 1 // 2 C1-qter|2 65.0 cM // 14260 /// NM_001043322 /	Fmn1	5.60938E-08	2.30611	Week 6 up vs Week 2
10338914	---		0.000024697	2.30612	Week 6 up vs Week 2
10342064	---		1.03941E-06	2.30683	Week 6 up vs Week 2
10340968	---		2.50346E-05	2.3071	Week 6 up vs Week 2
10494271	NM_021281 // Ctss // cathepsin S // 3 F2.1|3 42.7 cM // 13040 /// ENSMUST0000001	Ctss	9.912E-12	2.30791	Week 6 up vs Week 2
10504375	NM_173788 // Npr2 // natriuretic peptide receptor 2 // 4 B1|4 21.5 cM // 230103	Npr2	2.35776E-05	2.30838	Week 6 up vs Week 2
10542470	NM_019946 // Mgst1 // microsomal glutathione S-transferase 1 // 6 G1 // 56615 //	Mgst1	0.000561214	2.30882	Week 6 up vs Week 2
10343801	---		3.93404E-10	2.30901	Week 6 up vs Week 2
10545940	NM_011818 // Gmcl1 // germ cell-less homolog 1 (Drosophila) // 6 D1|6 47.3 cM //	Gmcl1	6.21396E-09	2.30906	Week 6 up vs Week 2
10497487	---		5.88496E-08	2.31019	Week 6 up vs Week 2
10343957	---		5.38075E-05	2.31041	Week 6 up vs Week 2
10536931	NM_021414 // Ahcyl2 // S-adenosylhomocysteine hydrolase-like 2 // 6 A3.3 // 7434	Ahcyl2	1.04638E-05	2.31082	Week 6 up vs Week 2
10338626	---		0.000136838	2.31196	Week 6 up vs Week 2
10485828	NM_133648 // Slc12a6 // solute carrier family 12, member 6 // 2 E3 // 107723 ///	Slc12a6	1.11664E-10	2.312	Week 6 up vs Week 2
10339816	---		1.80391E-08	2.31221	Week 6 up vs Week 2
10399908	NM_011158 // Prkar2b // protein kinase, cAMP dependent regulatory, type II beta	Prkar2b	2.79511E-08	2.31226	Week 6 up vs Week 2
10341566	---		9.70742E-05	2.31448	Week 6 up vs Week 2
10407327	NM_010330 // Emb // embigin // 13 D2.3 // 13723 /// ENSMUST00000022242 // Emb //	Emb	3.0287E-07	2.31482	Week 6 up vs Week 2
10338291	---		5.84208E-06	2.31573	Week 6 up vs Week 2
10343067	---		2.25284E-08	2.31613	Week 6 up vs Week 2
10344461	---		1.13752E-07	2.31621	Week 6 up vs Week 2
10496580	NM_018734 // Gbp3 // guanylate binding protein 3 // 3 H1 // 55932 /// ENSMUST000	Gbp3	5.52974E-08	2.31729	Week 6 up vs Week 2
10384782	NM_027260 // Vrk2 // vaccinia related kinase 2 // 11 A3.3 // 69922 /// NM_025923	Vrk2	9.38914E-08	2.3177	Week 6 up vs Week 2
10341816	---		2.23068E-07	2.31792	Week 6 up vs Week 2
10417004	NM_025943 // Dzip1 // DAZ interacting protein 1 // 14 E4 // 66573 /// ENSMUST000	Dzip1	1.1477E-11	2.31869	Week 6 up vs Week 2
10428370	NM_175456 // Abra // actin-binding Rho activating protein // 15 B3.1 // 223513 /	Abra	0.00002086	2.31871	Week 6 up vs Week 2
10339870	---		0.00227586	2.32048	Week 6 up vs Week 2
10344505	---		3.21789E-10	2.32083	Week 6 up vs Week 2
10585982	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	1.81748E-07	2.32101	Week 6 up vs Week 2
10438017	NM_139232 // Fgd4 // FYVE, RhoGEF and PH domain containing 4 // 16 A3 // 224014	Fgd4	1.51398E-07	2.32317	Week 6 up vs Week 2
10475517	ENSMUST00000047498 // AA467197 // expressed sequence AA467197 // 2 E5 // 43347(	AA467197	1.69375E-06	2.32472	Week 6 up vs Week 2
10342714	---		1.18497E-06	2.32483	Week 6 up vs Week 2
10343099	---		1.63997E-07	2.32581	Week 6 up vs Week 2
10343118	---		9.83643E-06	2.32673	Week 6 up vs Week 2
10338182	---		5.7661E-06	2.32695	Week 6 up vs Week 2
10343749	---		5.14468E-05	2.32753	Week 6 up vs Week 2
10467489	NM_011200 // Ptp4a1 // protein tyrosine phosphatase 4a1 // 1 B // 19243 /// NR_0	Ptp4a1	3.21873E-08	2.32756	Week 6 up vs Week 2
10340402	---		9.88262E-07	2.3278	Week 6 up vs Week 2
10585956	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	1.14041E-06	2.32916	Week 6 up vs Week 2
10343792	---		6.42148E-05	2.33153	Week 6 up vs Week 2
10340855	---		0.000177936	2.33178	Week 6 up vs Week 2
10436169	NM_028680 // Ift57 // intraflagellar transport 57 homolog (Chlamydomonas) // 16	Ift57	3.61491E-10	2.33309	Week 6 up vs Week 2

10339120	---		0.000237869	2.33357	Week 6 up vs Week 2
10551998	---		1.7989E-09	2.33363	Week 6 up vs Week 2
10339269	---		4.11595E-05	2.33453	Week 6 up vs Week 2
10344191	---		3.34153E-05	2.33473	Week 6 up vs Week 2
10341682	---		7.45363E-09	2.33514	Week 6 up vs Week 2
10455135	NM_053146 // Pcdhb21 // protocadherin beta 21 // 18 B3 // 93892 /// ENSMUST00000	Pcdhb21	1.05466E-07	2.33519	Week 6 up vs Week 2
10375002	NM_026252 // Cpeb4 // cytoplasmic polyadenylation element binding protein 4 // 1	Cpeb4	9.52001E-10	2.33529	Week 6 up vs Week 2
10601778	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	9.14463E-07	2.33705	Week 6 up vs Week 2
10341831	---		0.000826686	2.33717	Week 6 up vs Week 2
10582973	NM_026962 // Kbtbd3 // kelch repeat and BTB (POZ) domain containing 3 // 9 A1 //	Kbtbd3	1.25184E-09	2.33745	Week 6 up vs Week 2
10341168	---		2.25308E-08	2.33767	Week 6 up vs Week 2
10531919	NM_053262 // Hsd17b11 // hydroxysteroid (17-beta) dehydrogenase 11 // 5 E4 // 11	Hsd17b11	8.64678E-07	2.33989	Week 6 up vs Week 2
10340504	---		4.55977E-06	2.34157	Week 6 up vs Week 2
10542965	NM_001130190 // Sgce // sarcoglycan, epsilon // 6 A1|6 1.0 cM // 20392 /// NM_00	Sgce	2.68583E-06	2.3416	Week 6 up vs Week 2
10456005	NM_001042605 // Cd74 // CD74 antigen (invariant polypeptide of major histocompat	Cd74	2.32153E-08	2.346	Week 6 up vs Week 2
10339588	---		0.000161591	2.34695	Week 6 up vs Week 2
10343657	---		4.54556E-05	2.3471	Week 6 up vs Week 2
10490777	NM_030708 // Zfhx4 // zinc finger homeodomain 4 // 3 A1 // 80892 /// ENSMUST0000	Zfhx4	2.95879E-06	2.34776	Week 6 up vs Week 2
10338537	---		0.000349866	2.3495	Week 6 up vs Week 2
10434778	NM_023386 // Rtp4 // receptor transporter protein 4 // 16 B1 // 67775 /// ENSMUS	Rtp4	0.000604767	2.34955	Week 6 up vs Week 2
10346000	NM_028450 // Gulp1 // GULP, engulfment adaptor PTB domain containing 1 // 1 C1 /	Gulp1	2.33175E-05	2.35016	Week 6 up vs Week 2
10377235	NM_009038 // Rcvrn // recoverin // 11 B3|11 35.0 cM // 19674 /// ENSMUST00000021	Rcvrn	0.0181456	2.35065	Week 6 up vs Week 2
10338286	---		2.76955E-08	2.35076	Week 6 up vs Week 2
10339690	---		0.000292521	2.35112	Week 6 up vs Week 2
10359624	NM_175686 // Prrx1 // paired related homeobox 1 // 1 H2.1|1 85.4 cM // 18933 ///	Prrx1	3.05569E-05	2.35206	Week 6 up vs Week 2
10342649	---		9.66688E-10	2.35215	Week 6 up vs Week 2
10422598	NM_009155 // Sepp1 // selenoprotein P, plasma, 1 // 15 A1|15 5.9 cM // 20363 ///	Sepp1	3.86973E-05	2.35226	Week 6 up vs Week 2
10344155	---		7.1334E-06	2.35286	Week 6 up vs Week 2
10343111	---		1.69685E-07	2.35354	Week 6 up vs Week 2
10358224	NM_001111316 // Ptprc // protein tyrosine phosphatase, receptor type, C // 1 E4|	Ptprc	1.19E-13	2.35486	Week 6 up vs Week 2
10538253	NM_019939 // Mpp6 // membrane protein, palmitoylated 6 (MAGUK p55 subfamily memb	Mpp6	8.59372E-08	2.35535	Week 6 up vs Week 2
10415784	NM_023233 // Trim13 // tripartite motif-containing 13 // 14 D1 // 66597 /// ENSM	Trim13	1.28294E-06	2.35746	Week 6 up vs Week 2
10340583	---		0.00251733	2.35871	Week 6 up vs Week 2
10342283	---		8.5982E-10	2.35904	Week 6 up vs Week 2
10338416	---		0.000156322	2.3594	Week 6 up vs Week 2
10500469	NM_001039376 // Pde4dip // phosphodiesterase 4D interacting protein (myomegalin)	Pde4dip	0.000131466	2.35978	Week 6 up vs Week 2
10488415	NM_009976 // Cst3 // cystatin C // 2 G3|2 84.0 cM // 13010 /// ENSMUST0000002893	Cst3	1.72624E-07	2.36027	Week 6 up vs Week 2
10372230	NM_008657 // Myf6 // myogenic factor 6 // 10 D1|10 59.0 cM // 17878 /// ENSMUST0	Myf6	0.0112259	2.3612	Week 6 up vs Week 2
10388682	NM_144825 // Taok1 // TAO kinase 1 // 11 B5 // 216965 /// ENSMUST00000058496 //	Taok1	5.61542E-09	2.36171	Week 6 up vs Week 2
10372028	NM_018797 // Plxnc1 // plexin C1 // 10 C3 // 54712 /// ENSMUST00000099337 // Plx	Plxnc1	1.66709E-07	2.36342	Week 6 up vs Week 2
10467979	NM_009127 // Scd1 // stearoyl-Coenzyme A desaturase 1 // 19 C3|19 43.0 cM // 202	Scd1	0.000183053	2.36379	Week 6 up vs Week 2
10344108	---		2.22066E-06	2.36513	Week 6 up vs Week 2
10359161	NM_009230 // Soat1 // sterol O-acyltransferase 1 // 1 G3|1 81.6 cM // 20652 ///	Soat1	9.31995E-08	2.3654	Week 6 up vs Week 2
10475625	NM_025613 // Eid1 // EP300 interacting inhibitor of differentiation 1 // 2 F1 //	Eid1	3.67951E-07	2.36573	Week 6 up vs Week 2
10338538	---		1.11286E-05	2.36629	Week 6 up vs Week 2
10353192	NM_010164 // Eya1 // eyes absent 1 homolog (Drosophila) // 1 A3|1 10.4 cM // 140	Eya1	4.85463E-05	2.3665	Week 6 up vs Week 2
10340528	---		1.55961E-07	2.36715	Week 6 up vs Week 2
10407481	NM_019703 // Pfkp // phosphofructokinase, platelet // 13 A1 // 56421 /// ENSMUST	Pfkp	1.50597E-06	2.36754	Week 6 up vs Week 2
10358662	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.07146E-05	2.36889	Week 6 up vs Week 2
10407921	NM_011696 // Vdac3 // voltage-dependent anion channel 3 // 8 A2|8 8.0 cM // 2233	Vdac3	7.7728E-11	2.36971	Week 6 up vs Week 2
10407926	NM_011696 // Vdac3 // voltage-dependent anion channel 3 // 8 A2|8 8.0 cM // 2233	Vdac3	7.7728E-11	2.36971	Week 6 up vs Week 2
10342304	---		3.31128E-07	2.37009	Week 6 up vs Week 2
10358569	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.26349E-06	2.37034	Week 6 up vs Week 2
10338527	---		0.012711	2.3712	Week 6 up vs Week 2
10374908	NM_194054 // Rtn4 // reticulon 4 // 11 A3.3 // 68585 /// NM_194053 // Rtn4 // re	Rtn4	3.23725E-08	2.37163	Week 6 up vs Week 2
10454254	NM_207650 // Dtna // dystrobrevin alpha // 18 A2|18 18.0 cM // 13527 /// NM_0100	Dtna	4.23622E-08	2.3731	Week 6 up vs Week 2
10338984	---		2.53006E-06	2.37382	Week 6 up vs Week 2
10339426	---		4.76447E-09	2.37442	Week 6 up vs Week 2
10344707	NM_183028 // Pcmtd1 // protein-L-isoaspartate (D-aspartate) O-methyltransferase	Pcmtd1	5.93909E-09	2.37617	Week 6 up vs Week 2
10483865	NM_010222 // Fkbp7 // FK506 binding protein 7 // 2 C3|2 60.5 cM // 14231 /// ENS	Fkbp7	6.54326E-05	2.3763	Week 6 up vs Week 2
10594490	NM_144813 // Slc24a1 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a1	0.00037357	2.37882	Week 6 up vs Week 2
10531195	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	5.28271E-05	2.37893	Week 6 up vs Week 2
10341674	---		6.88353E-07	2.38052	Week 6 up vs Week 2
10362424	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0205749	2.38086	Week 6 up vs Week 2
10339376	---		0.000275499	2.38124	Week 6 up vs Week 2

10422348	NM_001081252 // Uggt2 // UDP-glucose glycoprotein glucosyltransferase 2 // 14 E4	Uggt2	7.64719E-08	2.38164	Week 6 up vs Week 2
10339490	---		1.26302E-06	2.38263	Week 6 up vs Week 2
10341521	---		5.15466E-06	2.38388	Week 6 up vs Week 2
10440284	BC020029 // 4930453N24Rik // RIKEN cDNA 4930453N24 gene // 16 C1.3 // 67609 ///	4930453N24Rik	9.28953E-08	2.38533	Week 6 up vs Week 2
10339864	---		5.53159E-06	2.38679	Week 6 up vs Week 2
10399202	ENSMUST00000048880 // Macc1 // metastasis associated in colon cancer 1 // 12 F2	Macc1	0.000136476	2.38793	Week 6 up vs Week 2
10476443	NM_013829 // Plcb4 // phospholipase C, beta 4 // 2 F3|2 77.0 cM // 18798 /// ENS	Plcb4	9.26167E-06	2.38794	Week 6 up vs Week 2
10462136	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063 /// BC09	Cycs	4.34547E-07	2.38795	Week 6 up vs Week 2
10530503	NM_007723 // Cnga1 // cyclic nucleotide gated channel alpha 1 // 5 C3.2|5 41.0 c	Cnga1	0.0218725	2.38944	Week 6 up vs Week 2
10344110	---		0.000255153	2.39113	Week 6 up vs Week 2
10532586	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.00252897	2.39138	Week 6 up vs Week 2
10339764	---		3.05111E-06	2.39147	Week 6 up vs Week 2
10356886	NM_172658 // Slco4c1 // solute carrier organic anion transporter family, member	Slco4c1	7.62331E-06	2.39288	Week 6 up vs Week 2
10339145	---		1.14893E-06	2.39411	Week 6 up vs Week 2
10339160	---		5.93524E-06	2.39556	Week 6 up vs Week 2
10344477	---		6.8463E-06	2.3957	Week 6 up vs Week 2
10472097	NM_172409 // Fmnl2 // formin-like 2 // 2 C1.1 // 71409 /// ENSMUST00000049483 //	Fmnl2	2.08159E-06	2.39667	Week 6 up vs Week 2
10492355	NM_008604 // Mme // membrane metallo endopeptidase // 3 E1|3 29.6 cM // 17380 //	Mme	5.16695E-07	2.39779	Week 6 up vs Week 2
10339183	---		1.35925E-08	2.40055	Week 6 up vs Week 2
10338692	---		2.04009E-06	2.40089	Week 6 up vs Week 2
10587255	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	0.000388652	2.4021	Week 6 up vs Week 2
10341285	---		6.2408E-06	2.40212	Week 6 up vs Week 2
10342430	---		7.17129E-08	2.40262	Week 6 up vs Week 2
10340956	---		5.74477E-06	2.40314	Week 6 up vs Week 2
10467139	NM_021460 // Lipa // lysosomal acid lipase A // 19 C1 // 16889 /// NM_001111100	Lipa	5.20074E-06	2.40368	Week 6 up vs Week 2
10339335	---		2.72891E-06	2.40576	Week 6 up vs Week 2
10340263	---		3.9156E-08	2.40602	Week 6 up vs Week 2
10582941	NM_027545 // Cwf19l2 // CWF19-like 2, cell cycle control (S. pombe) // 9 A1 // 2	Cwf19l2	1.85181E-10	2.40627	Week 6 up vs Week 2
10456096	NM_146086 // Pde6a // phosphodiesterase 6A, cGMP-specific, rod, alpha // 18 E1 /	Pde6a	0.00934497	2.4082	Week 6 up vs Week 2
10338669	---		0.000160083	2.40857	Week 6 up vs Week 2
10351041	---		6.30952E-08	2.41157	Week 6 up vs Week 2
10339564	---		1.04063E-05	2.41275	Week 6 up vs Week 2
10343594	---		4.58605E-06	2.41313	Week 6 up vs Week 2
10344723	NM_021511 // Rrs1 // RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	Rrs1	2.48169E-07	2.41316	Week 6 up vs Week 2
10584561	NM_133733 // 9030425E11Rik // RIKEN cDNA 9030425E11 gene // 9 A5.1 // 71566 ///	9030425E11Rik	6.53091E-06	2.41359	Week 6 up vs Week 2
10344116	---		8.53475E-07	2.41554	Week 6 up vs Week 2
10567219	NM_019419 // Arl6ip1 // ADP-ribosylation factor-like 6 interacting protein 1 //	Arl6ip1	5.42306E-07	2.41645	Week 6 up vs Week 2
10339222	---		0.00548536	2.41707	Week 6 up vs Week 2
10340549	---		3.92499E-05	2.41719	Week 6 up vs Week 2
10420483	NM_172603 // Phf11 // PHD finger protein 11 // 14 C3 // 219131 /// ENSMUST000000	Phf11	2.26668E-08	2.41787	Week 6 up vs Week 2
10488020	NM_029148 // Tmx4 // thioredoxin-related transmembrane protein 4 // 2 G1|2 77.0	Tmx4	2.39736E-07	2.41813	Week 6 up vs Week 2
10355084	NM_001160038 // Ndufs1 // NADH dehydrogenase (ubiquinone) Fe-S protein 1 // 1 C2	Ndufs1	3.01899E-09	2.41826	Week 6 up vs Week 2
10398075	NM_009252 // Serpina3n // serine (or cysteine) peptidase inhibitor, clade A, mem	Serpina3n	0.000109554	2.41856	Week 6 up vs Week 2
10340227	---		3.36323E-09	2.41879	Week 6 up vs Week 2
10565089	NM_007755 // Cpeb1 // cytoplasmic polyadenylation element binding protein 1 // 7	Cpeb1	2.26571E-09	2.4188	Week 6 up vs Week 2
10340475	---		1.36679E-06	2.41923	Week 6 up vs Week 2
10338524	---		2.14582E-07	2.41952	Week 6 up vs Week 2
10344610	---		4.35875E-09	2.42002	Week 6 up vs Week 2
10503172	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.7339E-06	2.42105	Week 6 up vs Week 2
10411882	NM_029447 // Nln // neurolysin (metallopeptidase M3 family) // 13 D1 // 75805 //	Nln	7.193E-12	2.42136	Week 6 up vs Week 2
10571312	NM_176933 // Dusp4 // dual specificity phosphatase 4 // 8 A4 // 319520 /// ENSMU	Dusp4	2.87149E-06	2.42296	Week 6 up vs Week 2
10394560	NM_025695 // Smc6 // structural maintenance of chromosomes 6 // 12 A2 // 67241 /	Smc6	1.4811E-11	2.42311	Week 6 up vs Week 2
10341467	---		0.000216938	2.42395	Week 6 up vs Week 2
10342959	---		0.000506583	2.42509	Week 6 up vs Week 2
10343859	---		2.97972E-05	2.42616	Week 6 up vs Week 2
10338157	---		0.000104639	2.42719	Week 6 up vs Week 2
10344044	---		7.0689E-06	2.42815	Week 6 up vs Week 2
10604656	NM_011725 // Xlr // X-linked lymphocyte-regulated complex // X A5 // 22441 /// E	Xlr	3.15386E-06	2.42848	Week 6 up vs Week 2
10338141	---		6.32894E-05	2.42965	Week 6 up vs Week 2
10338835	---		4.97338E-05	2.43165	Week 6 up vs Week 2
10599008	NM_020049 // Slc6a14 // solute carrier family 6 (neurotransmitter transporter),	Slc6a14	0.0028928	2.432	Week 6 up vs Week 2
10431874	NM_134086 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 // 105727 //	Slc38a1	7.56781E-08	2.43427	Week 6 up vs Week 2
10342589	---		0.000363345	2.43529	Week 6 up vs Week 2
10450242	NM_009780 // C4b // complement component 4B (Childo blood group) // 17 B1|17 18.	C4b	4.60958E-07	2.43536	Week 6 up vs Week 2
10343766	---		5.55315E-05	2.43579	Week 6 up vs Week 2

10340424	---		1.47753E-05	2.43597	Week 6 up vs Week 2
10353309	AK081751 // Jph1 // junctophilin 1 // 1 A4 // 57339	Jph1	0.000791447	2.43629	Week 6 up vs Week 2
10342824	---		5.46526E-06	2.43713	Week 6 up vs Week 2
10413086	NM_134079 // Adk // adenosine kinase // 14 A2-B // 11534 /// ENSMUST00000045376	Adk	2.41264E-09	2.43916	Week 6 up vs Week 2
10553861	NM_001039104 // Trpm1 // transient receptor potential cation channel, subfamily	Trpm1	2.65582E-05	2.43984	Week 6 up vs Week 2
10339324	---		1.24241E-08	2.43989	Week 6 up vs Week 2
10342183	---		1.07082E-07	2.44058	Week 6 up vs Week 2
10565137	NM_172904 // Fsd2 // fibronectin type III and SPRY domain containing 2 // 7 D3 /	Fsd2	0.00160904	2.44078	Week 6 up vs Week 2
10491455	NM_001113188 // Fxr1 // fragile X mental retardation gene 1, autosomal homolog /	Fxr1	1.48215E-09	2.44405	Week 6 up vs Week 2
10340508	---		7.30889E-06	2.4445	Week 6 up vs Week 2
10396442	NM_178392 // Snapc1 // small nuclear RNA activating complex, polypeptide 1 // 12	Snapc1	3.154E-12	2.44472	Week 6 up vs Week 2
10341916	---		1.24777E-05	2.44499	Week 6 up vs Week 2
10338980	---		1.57144E-06	2.44723	Week 6 up vs Week 2
10341079	---		1.42255E-05	2.45082	Week 6 up vs Week 2
10423941	NM_025736 // Ttc35 // tetratricopeptide repeat domain 35 // 15 B3.2 // 66736 ///	Ttc35	4.16271E-08	2.45117	Week 6 up vs Week 2
10339552	---		4.51446E-06	2.45127	Week 6 up vs Week 2
10341001	---		2.23802E-05	2.45148	Week 6 up vs Week 2
10343786	---		0.000074058	2.45236	Week 6 up vs Week 2
10345368	ENSMUST00000097783 // D1Ertd448e // DNA segment, Chr 1, ERATO Doi 448, expres	D1Ertd448e	6.8E-13	2.45413	Week 6 up vs Week 2
10601303	NM_009767 // Chic1 // cysteine-rich hydrophobic domain 1 // X D|X 42.3 cM // 122	Chic1	7.36994E-08	2.45734	Week 6 up vs Week 2
10601312	ENSMUST00000101317 // Gm10454 // predicted gene 10454 // X C3|X // 331484	Gm10454	2.99545E-08	2.45735	Week 6 up vs Week 2
10339915	---		1.11334E-05	2.45834	Week 6 up vs Week 2
10338367	---		1.47013E-06	2.45849	Week 6 up vs Week 2
10555946	NM_011421 // Smpd1 // sphingomyelin phosphodiesterase 1, acid lysosomal // 7 E3|	Smpd1	1.89073E-07	2.45939	Week 6 up vs Week 2
10417183	NM_144844 // Pcca // propionyl-Coenzyme A carboxylase, alpha polypeptide // 14 E	Pcca	9.0623E-11	2.46012	Week 6 up vs Week 2
10339066	---		1.04885E-06	2.46024	Week 6 up vs Week 2
10343333	---		1.89172E-06	2.46241	Week 6 up vs Week 2
10578649	NM_011857 // Odz3 // odd Oz/ten-m homolog 3 (Drosophila) // 8 B2 // 23965 /// NM	Odz3	3.24295E-06	2.46331	Week 6 up vs Week 2
10341687	---		5.45658E-09	2.46345	Week 6 up vs Week 2
10343061	---		5.48426E-08	2.46452	Week 6 up vs Week 2
10414269	NM_009760 // Bnip3 // BCL2/adenovirus E1B interacting protein 3 // 7 F5 // 12176	Bnip3	2.53797E-09	2.4662	Week 6 up vs Week 2
10452980	NM_011163 // Eif2ak2 // eukaryotic translation initiation factor 2-alpha kinase	Eif2ak2	1.00646E-06	2.46689	Week 6 up vs Week 2
10500808	NM_133859 // Olfml3 // olfactomedin-like 3 // 3 F2.2 // 99543 /// ENSMUST0000002	Olfml3	9.3944E-06	2.46704	Week 6 up vs Week 2
10594144	NM_175325 // Bbs4 // Bardet-Biedl syndrome 4 (human) // 9 B|9 33.0 cM // 102774	Bbs4	0.000002174	2.46743	Week 6 up vs Week 2
10447341	NM_145491 // Rhoq // ras homolog gene family, member Q // 17 E4|17 56.0 cM // 10	Rhoq	5.94035E-07	2.46803	Week 6 up vs Week 2
10338391	---		3.98424E-10	2.46901	Week 6 up vs Week 2
10544982	NM_026004 // Nt5c3 // 5'-nucleotidase, cytosolic III // 6 B3 // 107569 /// ENSMU	Nt5c3	3.73575E-10	2.47295	Week 6 up vs Week 2
10342357	---		1.73775E-05	2.47373	Week 6 up vs Week 2
10362462	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0227209	2.47419	Week 6 up vs Week 2
10462957	NM_145952 // Tbc1d12 // TBC1D12: TBC1 domain family, member 12 // 19 C3 // 20947	Tbc1d12	1.0147E-11	2.47596	Week 6 up vs Week 2
10342217	---		1.98417E-06	2.47802	Week 6 up vs Week 2
10466682	NM_153808 // Smc5 // structural maintenance of chromosomes 5 // 19 B // 226026 /	Smc5	1.1678E-11	2.47864	Week 6 up vs Week 2
10340736	---		8.5274E-07	2.47879	Week 6 up vs Week 2
10447056	NM_027455 // Qpct // glutaminyl-peptide cyclotransferase (glutaminyl cyclase) //	Qpct	1.98051E-10	2.47894	Week 6 up vs Week 2
10344591	---		4.83233E-06	2.48233	Week 6 up vs Week 2
10344159	---		0.000504915	2.48267	Week 6 up vs Week 2
10339626	---		1.39732E-05	2.48321	Week 6 up vs Week 2
10342498	---		8.33852E-06	2.48529	Week 6 up vs Week 2
10419160	---		1.06058E-08	2.48543	Week 6 up vs Week 2
10421293	NM_008915 // Ppp3cc // protein phosphatase 3, catalytic subunit, gamma isoform /	Ppp3cc	1.75324E-05	2.49126	Week 6 up vs Week 2
10341297	---		2.1642E-09	2.49144	Week 6 up vs Week 2
10547621	NM_031159 // Apobec1 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec1	1.0465E-09	2.49155	Week 6 up vs Week 2
10498771	NM_019745 // Pdcd10 // programmed cell death 10 // 3 E3 // 56426 /// ENSMUST0000	Pdcd10	5.83388E-09	2.49202	Week 6 up vs Week 2
10442032	BC002059 // BC002059 // cDNA sequence BC002059 // 17 A3.1 // 213811 /// ENSMUST(	BC002059	1.09421E-09	2.49463	Week 6 up vs Week 2
10343671	---		0.000108627	2.4957	Week 6 up vs Week 2
10340061	---		1.90119E-05	2.49655	Week 6 up vs Week 2
10365991	NM_007884 // Epyc // epiphycan // 10 C2-C3|10 55.0 cM // 13516 /// ENSMUST000000	Epyc	0.000276246	2.49705	Week 6 up vs Week 2
10501895	NM_021503 // Myoz2 // myozenin 2 // 3 G3 // 59006 /// ENSMUST00000029761 // Myoz	Myoz2	0.0072649	2.4972	Week 6 up vs Week 2
10578683	NM_026030 // Eif2s2 // eukaryotic translation initiation factor 2, subunit 2 (be	Eif2s2	7.52336E-07	2.49813	Week 6 up vs Week 2
10341542	---		0.000227009	2.49846	Week 6 up vs Week 2
10347748	NM_028817 // Acsl3 // acyl-CoA synthetase long-chain family member 3 // 1 C4|1 2	Acsl3	1.05649E-06	2.49872	Week 6 up vs Week 2
10342420	---		0.000479079	2.49932	Week 6 up vs Week 2
10553773	NM_008071 // Gabrb3 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 3	Gabrb3	5.87031E-07	2.49953	Week 6 up vs Week 2
10338909	---		3.47548E-05	2.49975	Week 6 up vs Week 2
10437205	NM_008791 // Pcp4 // Purkinje cell protein 4 // 16 C4|16 69.9 cM // 18546 /// EN	Pcp4	7.54594E-05	2.5003	Week 6 up vs Week 2

10419416	BC023359 // 3632451O06Rik // RIKEN cDNA 3632451O06 gene // 14 C1 // 67419 /// NM	3632451O06Rik	1.11147E-07	2.50043	Week 6 up vs Week 2
10338133	---		1.77081E-07	2.50079	Week 6 up vs Week 2
10343959	---		4.21793E-06	2.50081	Week 6 up vs Week 2
10338361	---		8.39032E-08	2.50333	Week 6 up vs Week 2
10338936	---		3.70746E-05	2.50391	Week 6 up vs Week 2
10339685	---		4.0682E-11	2.5049	Week 6 up vs Week 2
10341116	---		3.65171E-06	2.50533	Week 6 up vs Week 2
10341109	---		0.000174423	2.50552	Week 6 up vs Week 2
10562784	NM_178067 // Mybpc2 // myosin binding protein C, fast-type // 7 B4 // 233199 ///	Mybpc2	0.0033061	2.50633	Week 6 up vs Week 2
10344209	---		1.34667E-07	2.50775	Week 6 up vs Week 2
10339412	---		0.000240922	2.50953	Week 6 up vs Week 2
10385504	NM_001024230 // Gm5431 // predicted gene 5431 // 11 B1.2 // 432555 /// ENSMUST00	Gm5431	0.000191739	2.51017	Week 6 up vs Week 2
10343861	---		7.05803E-07	2.51049	Week 6 up vs Week 2
10453451	NM_007589 // Calm2 // calmodulin 2 // 17 E4 // 12314 /// BC100301 // Calm2 // ca	Calm2	6.02177E-09	2.51282	Week 6 up vs Week 2
10388254	NM_023113 // Aspa // aspartoacylase // 11 B4 // 11484 /// ENSMUST00000021119 //	Aspa	1.9242E-11	2.51418	Week 6 up vs Week 2
10344115	---		2.25699E-10	2.51555	Week 6 up vs Week 2
10360398	NM_008327 // Ifi202b // interferon activated gene 202B // 1 H3 // 26388 /// NM_0	Ifi202b	0.00246999	2.51715	Week 6 up vs Week 2
10342875	---		1.69533E-05	2.51765	Week 6 up vs Week 2
10341887	---		2.37353E-07	2.51778	Week 6 up vs Week 2
10595695	NM_009573 // Zic1 // zinc finger protein of the cerebellum 1 // 9 E3.3|9 61.0 cM	Zic1	0.000161485	2.5178	Week 6 up vs Week 2
10412036	NR_004438 // Apoo-ps // apolipoprotein O, pseudogene // 13 D2.1 // 621156 /// NM	Apoo-ps	2.65907E-10	2.51875	Week 6 up vs Week 2
10340382	---		2.89904E-06	2.51876	Week 6 up vs Week 2
10344580	---		2.04286E-05	2.51951	Week 6 up vs Week 2
10358561	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000155106	2.52045	Week 6 up vs Week 2
10341699	---		4.56E-13	2.5219	Week 6 up vs Week 2
10528207	NM_001159557 // Cd36 // CD36 antigen // 5 A3|5 2.0 cM // 12491 /// NM_001159558	Cd36	0.00565996	2.52202	Week 6 up vs Week 2
10355105	AF362573 // AF362573 // cDNA sequence AF362573 // --- // 100126881	AF362573	2.49073E-08	2.52283	Week 6 up vs Week 2
10540265	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	0.000132738	2.52312	Week 6 up vs Week 2
10596279	NM_001163026 // Dnajc13 // DnaJ (Hsp40) homolog, subfamily C, member 13 // 9 F1	Dnajc13	9.54143E-06	2.52373	Week 6 up vs Week 2
10343145	---		5.55698E-09	2.52511	Week 6 up vs Week 2
10341578	---		0.0003511	2.53193	Week 6 up vs Week 2
10371502	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	0.000560026	2.53297	Week 6 up vs Week 2
10412082	NM_028487 // Gpbp1 // GC-rich promoter binding protein 1 // 13 D2.1 // 73274 ///	Gpbp1	1.32837E-10	2.53406	Week 6 up vs Week 2
10455108	NM_053141 // Pcdhb16 // protocadherin beta 16 // 18 B3 // 93887 /// ENSMUST00000	Pcdhb16	8.52444E-09	2.53532	Week 6 up vs Week 2
10589703	NM_008522 // Ltf // lactotransferrin // 9 F|9 70.2 cM // 17002 /// ENSMUST000000	Ltf	9.01621E-05	2.53581	Week 6 up vs Week 2
10460118	NM_018821 // Socs6 // suppressor of cytokine signaling 6 // 18 E4 // 54607 /// E	Socs6	4.18237E-08	2.53609	Week 6 up vs Week 2
10339950	---		0.000024784	2.53648	Week 6 up vs Week 2
10340879	---		0.000135211	2.5373	Week 6 up vs Week 2
10397083	NM_027349 // Rbm25 // RNA binding motif protein 25 // 12 D1 // 67039 /// ENSMUST	Rbm25	1.09675E-09	2.53751	Week 6 up vs Week 2
10356262	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_013673 //	Gm7609	7.70489E-07	2.53755	Week 6 up vs Week 2
10501699	NM_001081326 // Agl // amylo-1,6-glucosidase, 4-alpha-glucanotransferase // 3 G1	Agl	1.06754E-06	2.53773	Week 6 up vs Week 2
10340587	---		6.27075E-06	2.53846	Week 6 up vs Week 2
10517655	NM_001122954 // Pla2g5 // phospholipase A2, group V // 4 D3|4 68.0 cM // 18784 /	Pla2g5	1.39614E-06	2.53887	Week 6 up vs Week 2
10338849	---		0.000151689	2.53905	Week 6 up vs Week 2
10342078	---		4.14579E-05	2.5391	Week 6 up vs Week 2
10340222	---		5.7194E-06	2.54095	Week 6 up vs Week 2
10400155	ENSMUST00000066043 // Nova1 // neuro-oncological ventral antigen 1 // 12 B3 // 6	Nova1	6.54789E-09	2.54118	Week 6 up vs Week 2
10338455	---		9.75811E-05	2.54136	Week 6 up vs Week 2
10341797	---		8.08546E-07	2.54394	Week 6 up vs Week 2
10341639	---		5.2442E-11	2.54461	Week 6 up vs Week 2
10340641	---		9.98339E-06	2.54484	Week 6 up vs Week 2
10339888	---		1.42357E-06	2.5486	Week 6 up vs Week 2
10342881	---		1.035E-11	2.54898	Week 6 up vs Week 2
10422321	NM_025943 // Dzip1 // DAZ interacting protein 1 // 14 E4 // 66573 /// ENSMUST000	Dzip1	7.58987E-09	2.55064	Week 6 up vs Week 2
10339362	---		2.23507E-05	2.55477	Week 6 up vs Week 2
10339096	---		5.33017E-06	2.55503	Week 6 up vs Week 2
10338079	---		5.45865E-05	2.55551	Week 6 up vs Week 2
10342663	---		0.0115988	2.55581	Week 6 up vs Week 2
10484203	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 5	2610301F02Rik	3.49923E-07	2.55657	Week 6 up vs Week 2
10338906	---		4.16443E-09	2.55673	Week 6 up vs Week 2
10591853	NM_194263 // Tbx20 // T-box 20 // 9 A4 // 57246 /// NM_020496 // Tbx20 // T-box	Tbx20	0.000406206	2.55719	Week 6 up vs Week 2
10340418	---		1.07838E-05	2.55761	Week 6 up vs Week 2
10341778	---		6.5577E-09	2.55819	Week 6 up vs Week 2
10492169	NM_010750 // Mab21l1 // mab-21-like 1 (C. elegans) // 3 E3-F1 // 17116 /// ENSMU	Mab21l1	8.76969E-05	2.55877	Week 6 up vs Week 2
10339807	---		7.02936E-10	2.55992	Week 6 up vs Week 2

10342822	---		0.000241295	2.56167	Week 6 up vs Week 2
10503835	NM_027491 // Rragd // Ras-related GTP binding D // 4 A5|4 11.4 cM // 52187 /// E	Rragd	2.79686E-07	2.56298	Week 6 up vs Week 2
10586591	NM_178396 // Car12 // carbonic anyhydrase 12 // 9 C // 76459 /// ENSMUST00000071	Car12	1.32902E-05	2.5635	Week 6 up vs Week 2
10343112	---		0.000342303	2.56749	Week 6 up vs Week 2
10340264	---		3.68448E-08	2.56949	Week 6 up vs Week 2
10343936	---		7.14865E-06	2.57013	Week 6 up vs Week 2
10426557	NM_021514 // Pfkm // phosphofructokinase, muscle // 15 F1 // 18642 /// ENSMUST00	Pfkm	2.28713E-05	2.5713	Week 6 up vs Week 2
10416379	NM_011506 // Sucla2 // succinate-Coenzyme A ligase, ADP-forming, beta subunit //	Sucla2	2.16005E-07	2.57355	Week 6 up vs Week 2
10527694	NM_001081204 // B3galtl // beta 1,3-galactosyltransferase-like // 5 G3 // 381694	B3galtl	1.35874E-06	2.57383	Week 6 up vs Week 2
10341091	---		6.12786E-06	2.5754	Week 6 up vs Week 2
10363173	NM_010288 // Gja1 // gap junction protein, alpha 1 // 10 B4|10 29.0 cM // 14609	Gja1	3.73325E-06	2.57555	Week 6 up vs Week 2
10427904	BC050864 // Fbxl7 // F-box and leucine-rich repeat protein 7 // 15 B1 // 448987	Fbxl7	2.09856E-08	2.57723	Week 6 up vs Week 2
10358567	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.45527E-05	2.57752	Week 6 up vs Week 2
10344568	---		2.63451E-08	2.57786	Week 6 up vs Week 2
10465764	NM_177002 // C730048C13Rik // RIKEN cDNA C730048C13 gene // 19 A // 319800 /// E	C730048C13Rik	2.14512E-08	2.57839	Week 6 up vs Week 2
10559043	NM_010844 // Muc5ac // mucin 5, subtypes A and C, tracheobronchial/gastric // 7	Muc5ac	7.11565E-07	2.57964	Week 6 up vs Week 2
10608667	---		2.09845E-08	2.57996	Week 6 up vs Week 2
10339946	---		6.58947E-06	2.58019	Week 6 up vs Week 2
10343384	---		2.3482E-06	2.58036	Week 6 up vs Week 2
10341429	---		0.000037731	2.58049	Week 6 up vs Week 2
10427075	NM_010664 // Krt18 // keratin 18 // 15 F3|15 58.86 cM // 16668 /// ENSMUST000000	Krt18	5.43106E-06	2.58114	Week 6 up vs Week 2
10571384	ENSMUST00000068999 // Efha2 // EF-hand domain family, member A2 // 8 A4 // 78506	Efha2	6.07736E-10	2.58161	Week 6 up vs Week 2
10338368	---		1.26233E-05	2.58196	Week 6 up vs Week 2
10343328	---		1.73055E-07	2.58257	Week 6 up vs Week 2
10341583	---		0.00216352	2.58432	Week 6 up vs Week 2
10586250	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	3.58105E-09	2.5845	Week 6 up vs Week 2
10379630	NM_011408 // Slfn2 // schlafen 2 // 11 C|11 48.0 cM // 20556 /// ENSMUST00000038	Slfn2	3.76738E-06	2.59247	Week 6 up vs Week 2
10339617	---		5.85793E-08	2.59285	Week 6 up vs Week 2
10342252	---		2.11889E-06	2.59347	Week 6 up vs Week 2
10341716	---		6.46486E-05	2.5957	Week 6 up vs Week 2
10343463	---		6.79587E-07	2.59671	Week 6 up vs Week 2
10342242	---		2.86852E-05	2.59724	Week 6 up vs Week 2
10484197	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 5	2610301F02Rik	5.46452E-07	2.59828	Week 6 up vs Week 2
10505163	NM_001099323 // Zkscan16 // zinc finger with KRAB and SCAN domains 16 // 4 B3 //	Zkscan16	1.77684E-07	2.59953	Week 6 up vs Week 2
10389759	NM_001080933 // Ankfn1 // ankyrin-repeat and fibronectin type III domain contain	Ankfn1	4.91586E-06	2.60037	Week 6 up vs Week 2
10343697	---		1.95251E-10	2.60281	Week 6 up vs Week 2
10343832	---		0.000355334	2.6032	Week 6 up vs Week 2
10341086	---		7.06505E-07	2.60388	Week 6 up vs Week 2
10342842	---		2.48183E-05	2.60453	Week 6 up vs Week 2
10343951	---		1.43739E-06	2.60485	Week 6 up vs Week 2
10485361	BC025075 // B230118H07Rik // RIKEN cDNA B230118H07 gene // 2 E2|2 56.0 cM // 681	B230118H07Rik	8.317E-12	2.60487	Week 6 up vs Week 2
10344545	---		2.36871E-05	2.60592	Week 6 up vs Week 2
10344033	---		4.77558E-06	2.60623	Week 6 up vs Week 2
10342990	---		3.49071E-05	2.6075	Week 6 up vs Week 2
10341409	---		1.4473E-07	2.61176	Week 6 up vs Week 2
10342759	---		0.00606616	2.61245	Week 6 up vs Week 2
10599736	NM_001077361 // Fhl1 // four and a half LIM domains 1 // X A6-A7.1 // 14199 ///	Fhl1	6.53886E-05	2.61323	Week 6 up vs Week 2
10342891	---		4.90069E-09	2.6182	Week 6 up vs Week 2
10529091	---		0.00038366	2.61914	Week 6 up vs Week 2
10339628	---		4.50382E-05	2.61951	Week 6 up vs Week 2
10487722	NM_001081162 // Slc4a11 // solute carrier family 4, sodium bicarbonate transport	Slc4a11	2.90686E-07	2.62081	Week 6 up vs Week 2
10362372	NM_001162537 // 9330159F19Rik // RIKEN cDNA 9330159F19 gene // 10 A4 // 212448 /	9330159F19Rik	2.01985E-06	2.6227	Week 6 up vs Week 2
10344228	---		9.45525E-08	2.62398	Week 6 up vs Week 2
10341761	---		7.61095E-09	2.62403	Week 6 up vs Week 2
10397530	NM_026958 // 1810035L17Rik // RIKEN cDNA 1810035L17 gene // 12 E // 380773 /// E	1810035L17Rik	1.109E-12	2.62447	Week 6 up vs Week 2
10344000	---		0.000105229	2.62482	Week 6 up vs Week 2
10602020	NM_001081499 // Tbc1d8b // TBC1 domain family, member 8B // X F1 // 245638 /// E	Tbc1d8b	3.57707E-09	2.62518	Week 6 up vs Week 2
10379731	NM_007969 // Expi // extracellular proteinase inhibitor // 11 C // 14038 /// ENS	Expi	2.39404E-06	2.62614	Week 6 up vs Week 2
10348301	NM_009118 // Sag // retinal S-antigen // 1 D|1 53.6 cM // 20215 /// ENSMUST00000	Sag	0.0145043	2.62671	Week 6 up vs Week 2
10340352	---		7.73349E-07	2.62697	Week 6 up vs Week 2
10498907	NM_010298 // Glrb // glycine receptor, beta subunit // 3 E3-F1|3 36.0 cM // 1465	Glrb	4.11121E-08	2.62708	Week 6 up vs Week 2
10471567	AK147796 // C130021I20Rik // Riken cDNA C130021I20 gene // 2 B // 329385	C130021I20Rik	1.11381E-07	2.62727	Week 6 up vs Week 2
10340785	---		9.54061E-07	2.62805	Week 6 up vs Week 2
10566358	NM_009099 // Trim30 // tripartite motif-containing 30 // 7 E3|7 50.4 cM // 20128	Trim30	2.41042E-05	2.62903	Week 6 up vs Week 2
10557058	ENSMUST00000098072 // Polr3e // polymerase (RNA) III (DNA directed) polypeptide	Polr3e	1.6163E-11	2.62915	Week 6 up vs Week 2

10341517	---		0.000374928	2.63317	Week 6 up vs Week 2
10596718	NM_023805 // Slc38a3 // solute carrier family 38, member 3 // 9 F1|9 63.0 cM //	Slc38a3	5.63281E-07	2.63425	Week 6 up vs Week 2
10341982	---		3.92713E-06	2.63454	Week 6 up vs Week 2
10608720	---		1.616E-12	2.63462	Week 6 up vs Week 2
10435787	---		4.61512E-10	2.63493	Week 6 up vs Week 2
10342635	---		3.21476E-06	2.63609	Week 6 up vs Week 2
10342388	---		2.86681E-06	2.63696	Week 6 up vs Week 2
10514049	NM_001113209 // Nfib // nuclear factor I/B // 4 C4-C6|4 38.6 cM // 18028 /// NM_	Nfib	2.1213E-08	2.63784	Week 6 up vs Week 2
10602033	NM_016675 // Cldn2 // claudin 2 // X F1 // 12738 /// ENSMUST00000054889 // Cldn2	Cldn2	1.69312E-07	2.63824	Week 6 up vs Week 2
10371616	NM_144807 // Chpt1 // choline phosphotransferase 1 // 10 C1 // 212862 /// NM_001	Chpt1	3.67403E-08	2.63974	Week 6 up vs Week 2
10339283	---		9.70856E-08	2.64281	Week 6 up vs Week 2
10341788	---		1.5126E-06	2.64441	Week 6 up vs Week 2
10396645	NM_178744 // Zbtb1 // zinc finger and BTB domain containing 1 // 12 C3 // 268564	Zbtb1	2.57246E-09	2.64569	Week 6 up vs Week 2
10357103	NM_001081386 // Cdh19 // cadherin 19, type 2 // 1 E2.1 // 227485 /// ENSMUST0000	Cdh19	1.25351E-06	2.64661	Week 6 up vs Week 2
10362005	NM_026203 // Ahi1 // Abelson helper integration site 1 // 10 A3|10 16.0 cM // 52	Ahi1	1.63713E-06	2.64916	Week 6 up vs Week 2
10338690	---		0.000174052	2.65118	Week 6 up vs Week 2
10338113	---		0.000291534	2.65196	Week 6 up vs Week 2
10339776	---		2.63044E-07	2.65232	Week 6 up vs Week 2
10450344	NM_013484 // C2 // complement component 2 (within H-2S) // 17 B1|17 18.86 cM //	C2	3.06966E-06	2.65332	Week 6 up vs Week 2
10340307	---		0.00267543	2.65341	Week 6 up vs Week 2
10365974	NM_007833 // Dcn // decorin // 10 C3|10 55.0 cM // 13179 /// ENSMUST00000105287	Dcn	1.63698E-05	2.65454	Week 6 up vs Week 2
10339571	---		6.08672E-05	2.65482	Week 6 up vs Week 2
10340982	---		2.09361E-05	2.6549	Week 6 up vs Week 2
10341595	---		5.7087E-11	2.65631	Week 6 up vs Week 2
10564313	NM_026483 // Mphosph10 // M-phase phosphoprotein 10 (U3 small nucleolar ribonucl	Mphosph10	9.8324E-11	2.65669	Week 6 up vs Week 2
10339101	---		3.57282E-06	2.65854	Week 6 up vs Week 2
10347583	NM_010043 // Des // desmin // 1 C3|1 41.1 cM // 13346 /// ENSMUST00000027409 //	Des	0.000744623	2.66087	Week 6 up vs Week 2
10440344	NM_175549 // Robo2 // roundabout homolog 2 (Drosophila) // 16 C3.1 // 268902 ///	Robo2	1.00894E-08	2.66206	Week 6 up vs Week 2
10519886	NM_013657 // Sema3c // sema domain, immunoglobulin domain (Ig), short basic doma	Sema3c	0.000214385	2.66206	Week 6 up vs Week 2
10538590	ENSMUST00000031817 // Herc5 // hect domain and RLD 5 // 6 C1|6 // 67138 /// ENSM	Herc5	2.38904E-06	2.66219	Week 6 up vs Week 2
10538269	---		1.08186E-08	2.66266	Week 6 up vs Week 2
10342062	---		8.09501E-07	2.66674	Week 6 up vs Week 2
10600485	NM_001030307 // Dkc1 // dyskeratosis congenita 1, dyskerin homolog (human) // X	Dkc1	1.61792E-09	2.66959	Week 6 up vs Week 2
10355984	NM_009255 // Serpine2 // serine (or cysteine) peptidase inhibitor, clade E, memb	Serpine2	0.00023062	2.67227	Week 6 up vs Week 2
10442584	NM_025425 // Rpl3l // ribosomal protein L3-like // 17 A3.3 // 66211 /// ENSMUST0	Rpl3l	0.00032201	2.67337	Week 6 up vs Week 2
10464836	NM_013456 // Actn3 // actinin alpha 3 // 19 A|19 3.0 cM // 11474 /// ENSMUST0000	Actn3	0.00707624	2.67509	Week 6 up vs Week 2
10583312	AK161656 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA polym	Taf1d	2.93332E-09	2.67523	Week 6 up vs Week 2
10347948	NM_013673 // Sp100 // nuclear antigen Sp100 // 1 C5|1 50.0 cM // 20684 /// ENSMU	Sp100	1.04909E-06	2.67536	Week 6 up vs Week 2
10544941	NM_001159953 // Pde1c // phosphodiesterase 1C // 6 B3|6 27.0 cM // 18575 /// NM_	Pde1c	1.31191E-08	2.67679	Week 6 up vs Week 2
10376144	NM_173753 // Fnip1 // folliculin interacting protein 1 // 11 B1.3 // 216742 ///	Fnip1	1.1445E-11	2.6803	Week 6 up vs Week 2
10495206	NM_146136 // Slc16a4 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a4	5.5741E-07	2.68217	Week 6 up vs Week 2
10407337	NM_010408 // Hcn1 // hyperpolarization-activated, cyclic nucleotide-gated K+ 1 /	Hcn1	0.00197231	2.6824	Week 6 up vs Week 2
10338085	---		2.6371E-07	2.68281	Week 6 up vs Week 2
10527920	NM_020010 // Cyp51 // cytochrome P450, family 51 // 5 A2|5 1.2 cM // 13121 /// E	Cyp51	3.85507E-05	2.68371	Week 6 up vs Week 2
10344143	---		1.04537E-05	2.68679	Week 6 up vs Week 2
10428388	NM_172815 // Rspo2 // R-spondin 2 homolog (Xenopus laevis) // 15 B3.1-B3.2|15 17	Rspo2	5.76718E-08	2.68841	Week 6 up vs Week 2
10536369	NM_052993 // C1galt1 // core 1 synthase, glycoprotein-N-acetylgalactosamine 3-be	C1galt1	4.4571E-08	2.68978	Week 6 up vs Week 2
10342908	---		4.43734E-08	2.69254	Week 6 up vs Week 2
10340111	---		0.00190635	2.69895	Week 6 up vs Week 2
10372421	NM_146241 // Trhde // TRH-degrading enzyme // 10 D2 // 237553 /// ENSMUST0000006	Trhde	8.29333E-08	2.70203	Week 6 up vs Week 2
10361834	NM_138628 // Txlnb // taxilin beta // 10 A2 // 378431 /// ENSMUST00000037964 //	Txlnb	0.000474447	2.7038	Week 6 up vs Week 2
10593293	NM_001081445 // Ncam1 // neural cell adhesion molecule 1 // 9 A5.3|9 28.0 cM //	Ncam1	2.61379E-06	2.70532	Week 6 up vs Week 2
10403413	NM_145360 // Idi1 // isopentenyl-diphosphate delta isomerase // 13 A1 // 319554	Idi1	0.000997043	2.70809	Week 6 up vs Week 2
10404700	NM_145441 // Ubxn2a // UBX domain protein 2A // 12 A1.1 // 217379 /// ENSMUST000	Ubxn2a	9.43E-13	2.70965	Week 6 up vs Week 2
10341005	---		0.000250563	2.71047	Week 6 up vs Week 2
10341287	---		2.33652E-05	2.71055	Week 6 up vs Week 2
10338252	---		5.44734E-05	2.7114	Week 6 up vs Week 2
10340859	---		4.93699E-08	2.71527	Week 6 up vs Week 2
10339767	---		2.5122E-07	2.71562	Week 6 up vs Week 2
10341365	---		8.40134E-06	2.71711	Week 6 up vs Week 2
10379153	NM_009657 // Aldoc // aldolase C, fructose-bisphosphate // 11 B5|11 44.98 cM //	Aldoc	7.52935E-06	2.72095	Week 6 up vs Week 2
10339284	---		2.17244E-05	2.72102	Week 6 up vs Week 2
10519497	NM_054098 // Steap4 // STEAP family member 4 // 5 A1 // 117167 /// ENSMUST000001	Steap4	1.15999E-05	2.72174	Week 6 up vs Week 2
10436590	AK148800 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 // 77994 ///	2810055G20Rik	2.27909E-07	2.72364	Week 6 up vs Week 2
10339785	---		3.92997E-05	2.72461	Week 6 up vs Week 2

10342255	---		5.16962E-05	2.72523	Week 6 up vs Week 2
10539653	NM_176842 // Tprkb // Tp53rk binding protein // 6 C3 // 69786 /// ENSMUST0000011	Tprkb	5.07035E-08	2.7253	Week 6 up vs Week 2
10339114	---		1.5722E-11	2.73345	Week 6 up vs Week 2
10468593	NM_008733 // Nrap // nebulin-related anchoring protein // 19 D2|19 53.25 cM // 1	Nrap	0.000366991	2.73427	Week 6 up vs Week 2
10344428	---		4.07367E-08	2.73551	Week 6 up vs Week 2
10436500	NM_028803 // Gbe1 // glucan (1,4-alpha-), branching enzyme 1 // 16 C2|16 41.9 cM	Gbe1	7.1E-13	2.73785	Week 6 up vs Week 2
10340369	---		7.18852E-10	2.73786	Week 6 up vs Week 2
10338784	---		4.27029E-06	2.73789	Week 6 up vs Week 2
10394593	NM_029758 // Fam49a // family with sequence similarity 49, member A // 12 A1.1 /	Fam49a	3.72244E-07	2.73899	Week 6 up vs Week 2
10338560	---		5.29437E-05	2.73934	Week 6 up vs Week 2
10340697	---		3.20086E-06	2.73972	Week 6 up vs Week 2
10344537	---		4.12727E-06	2.74034	Week 6 up vs Week 2
10393573	NM_011150 // Lgals3bp // lectin, galactoside-binding, soluble, 3 binding protein	Lgals3bp	6.21066E-09	2.74182	Week 6 up vs Week 2
10342428	---		7.59724E-06	2.74305	Week 6 up vs Week 2
10567564	NM_007672 // Cdr2 // cerebellar degeneration-related 2 // 7 F2|7 60.0 cM // 1258	Cdr2	4.48656E-06	2.74342	Week 6 up vs Week 2
10343652	---		7.38722E-05	2.74456	Week 6 up vs Week 2
10343972	---		8.58367E-06	2.74566	Week 6 up vs Week 2
10344135	---		8.95503E-05	2.74652	Week 6 up vs Week 2
10396421	NM_010431 // Hif1a // hypoxia inducible factor 1, alpha subunit // 12 C3|12 31.0	Hif1a	4.86678E-08	2.74763	Week 6 up vs Week 2
10436958	NM_172469 // Clic6 // chloride intracellular channel 6 // 16 C4 // 209195 /// EN	Clic6	9.73189E-06	2.74837	Week 6 up vs Week 2
10385361	NM_024475 // Ublcp1 // ubiquitin-like domain containing CTD phosphatase 1 // 11	Ublcp1	2.70994E-08	2.74863	Week 6 up vs Week 2
10385500	NM_008326 // Irgm1 // immunity-related GTPase family M member 1 // 11 B1.2 // 15	Irgm1	3.52175E-07	2.74996	Week 6 up vs Week 2
10604226	NM_021550 // C1galt1c1 // C1GALT1-specific chaperone 1 // X A2 // 59048 /// ENSM	C1galt1c1	5.2414E-11	2.75601	Week 6 up vs Week 2
10405804	NM_001013608 // 0610007P08Rik // RIKEN cDNA 0610007P08 gene // 13 B3 // 76251 //	0610007P08Rik	4.45E-13	2.75602	Week 6 up vs Week 2
10342662	---		0.000165805	2.75705	Week 6 up vs Week 2
10338109	---		0.0011308	2.7593	Week 6 up vs Week 2
10354732	NM_010477 // Hspd1 // heat shock protein 1 (chaperonin) // 1 C1.2 // 15510 /// E	Hspd1	1.74716E-08	2.76062	Week 6 up vs Week 2
10344197	---		0.00287953	2.76199	Week 6 up vs Week 2
10483353	NM_009135 // Scn7a // sodium channel, voltage-gated, type VII, alpha // 2 C1.3|2	Scn7a	4.17374E-06	2.7632	Week 6 up vs Week 2
10342021	---		2.658E-12	2.76324	Week 6 up vs Week 2
10608438	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00265462	2.76665	Week 6 up vs Week 2
10544932	NM_009349 // Inmt // indolethylamine N-methyltransferase // 6 B3 // 21743 /// EN	Inmt	0.000168801	2.76846	Week 6 up vs Week 2
10354588	NM_133810 // Stk17b // serine/threonine kinase 17b (apoptosis-inducing) // 1 C1.	Stk17b	3.29462E-10	2.76952	Week 6 up vs Week 2
10338612	---		1.69612E-06	2.7703	Week 6 up vs Week 2
10340719	---		0.000311907	2.77049	Week 6 up vs Week 2
10397364	NM_145447 // Mfsd7c // major facilitator superfamily domain containing 7C // 12	Mfsd7c	3.56685E-06	2.774	Week 6 up vs Week 2
10577441	NM_139219 // Defb9 // defensin beta 9 // 8 A2 // 246079 /// ENSMUST00000057076 /	Defb9	0.000019556	2.77574	Week 6 up vs Week 2
10468533	NM_008149 // Gpam // glycerol-3-phosphate acyltransferase, mitochondrial // 19 D	Gpam	1.08219E-07	2.77777	Week 6 up vs Week 2
10352918	BC058715 // C030002C11Rik // RIKEN cDNA C030002C11 gene // --- // 320977	C030002C11Rik	1.20408E-06	2.78454	Week 6 up vs Week 2
10586248	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	4.34541E-09	2.78757	Week 6 up vs Week 2
10400137	NM_013760 // Dnajb9 // DnaJ (Hsp40) homolog, subfamily B, member 9 // 12 B1 // 2	Dnajb9	3.21585E-08	2.79019	Week 6 up vs Week 2
10340460	---		2.19E-13	2.79059	Week 6 up vs Week 2
10341960	---		4.29954E-05	2.79168	Week 6 up vs Week 2
10342637	---		1.43005E-05	2.79209	Week 6 up vs Week 2
10361748	NM_027968 // Fbxo30 // F-box protein 30 // 10 A2 // 71865 /// ENSMUST00000070300	Fbxo30	1.363E-10	2.7928	Week 6 up vs Week 2
10342422	---		1.6474E-07	2.79379	Week 6 up vs Week 2
10338419	---		9.94512E-08	2.79384	Week 6 up vs Week 2
10523717	NM_009263 // Spp1 // secreted phosphoprotein 1 // 5 E5|5 56.0 cM // 20750 /// EN	Spp1	0.000171161	2.79414	Week 6 up vs Week 2
10339427	---		1.47958E-05	2.79453	Week 6 up vs Week 2
10351293	NM_019759 // Dpt // dermatopontin // 1 H2 // 56429 /// ENSMUST00000027861 // Dpt	Dpt	0.00190792	2.79545	Week 6 up vs Week 2
10340553	---		6.44543E-08	2.79628	Week 6 up vs Week 2
10417167	NM_029556 // Clybl // citrate lyase beta like // 14 E5 // 69634 /// ENSMUST00000	Clybl	1.36081E-09	2.79796	Week 6 up vs Week 2
10341647	---		3.04526E-05	2.79928	Week 6 up vs Week 2
10427436	ENSMUST00000110689 // C7 // complement component 7 // 15 A1|15 3.0 cM // 109828	C7	5.17767E-07	2.80072	Week 6 up vs Week 2
10340579	---		1.61391E-09	2.80073	Week 6 up vs Week 2
10343865	---		2.42876E-07	2.80097	Week 6 up vs Week 2
10530560	NM_153567 // Slain2 // SLAIN motif family, member 2 // 5 C3.2 // 75991 /// NM_00	Slain2	2.036E-12	2.81416	Week 6 up vs Week 2
10338212	---		2.89249E-07	2.81417	Week 6 up vs Week 2
10340918	---		1.35241E-06	2.81424	Week 6 up vs Week 2
10344429	---		7.233E-12	2.81992	Week 6 up vs Week 2
10392522	NM_153145 // Abca8a // ATP-binding cassette, sub-family A (ABC1), member 8a // 1	Abca8a	1.90294E-06	2.82078	Week 6 up vs Week 2
10342594	---		1.48671E-05	2.82098	Week 6 up vs Week 2
10502791	NM_133871 // Ifi44 // interferon-induced protein 44 // 3 H3 // 99899 /// ENSMUST	Ifi44	0.00193684	2.82175	Week 6 up vs Week 2
10440099	NM_018784 // St3gal6 // ST3 beta-galactoside alpha-2,3-sialyltransferase 6 // 16	St3gal6	1.91038E-05	2.82188	Week 6 up vs Week 2
10341650	---		1.61307E-07	2.82379	Week 6 up vs Week 2

10343798	---		4.31016E-07	2.82524	Week 6 up vs Week 2
10338321	---		3.6562E-08	2.82565	Week 6 up vs Week 2
10572130	NM_008509 // Lpl // lipoprotein lipase // 8 B3.3|8 33.0 cM // 16956 /// ENSMUST0	Lpl	1.05527E-05	2.82674	Week 6 up vs Week 2
10340506	---		8.57969E-08	2.8268	Week 6 up vs Week 2
10536667	NM_001081306 // Ptprz1 // protein tyrosine phosphatase, receptor type Z, polypep	Ptprz1	3.30338E-06	2.82931	Week 6 up vs Week 2
10338876	---		1.12032E-05	2.82993	Week 6 up vs Week 2
10377181	NM_001081250 // Myh13 // myosin, heavy polypeptide 13, skeletal muscle // 11 B3	Myh13	0.000374578	2.83101	Week 6 up vs Week 2
10558740	XM_001480612 // Gm15542 // DnaJ-like protein // 7 F5|7 // 100043546	Gm15542	4.31766E-06	2.83383	Week 6 up vs Week 2
10551836	NM_009944 // Cox7a1 // cytochrome c oxidase, subunit VIIa 1 // 7 B1|7 8.0 cM //	Cox7a1	7.08391E-05	2.83843	Week 6 up vs Week 2
10561561	NM_009109 // Ryr1 // ryanodine receptor 1, skeletal muscle // 7 A2-B3|7 10.0 cM	Ryr1	0.00054033	2.83868	Week 6 up vs Week 2
10400321	NM_134054 // 1110002B05Rik // RIKEN cDNA 1110002B05 gene // 12 C1 // 104725 ///	1110002B05Rik	3.666E-12	2.83955	Week 6 up vs Week 2
10338112	---		1.4801E-07	2.84046	Week 6 up vs Week 2
10556076	NM_172907 // Olfml1 // olfactomedin-like 1 // 7 E3 // 244198 /// ENSMUST00000062	Olfml1	1.07469E-07	2.84207	Week 6 up vs Week 2
10341607	---		4.72549E-06	2.84253	Week 6 up vs Week 2
10593316	---		1.08017E-09	2.84302	Week 6 up vs Week 2
10339035	---		4.12477E-06	2.84535	Week 6 up vs Week 2
10343481	---		1.18764E-06	2.84536	Week 6 up vs Week 2
10362450	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.13295E-05	2.84637	Week 6 up vs Week 2
10502801	NM_031367 // H28 // histocompatibility 28 // 3 H3|3 82.5 cM // 15061 /// ENSMUST	H28	0.000140717	2.84653	Week 6 up vs Week 2
10505028	AK141895 // Slc44a1 // solute carrier family 44, member 1 // 4 B2 // 100434	Slc44a1	4.26755E-06	2.84853	Week 6 up vs Week 2
10342851	---		1.56779E-07	2.8487	Week 6 up vs Week 2
10603551	NM_007807 // Cybb // cytochrome b-245, beta polypeptide // X A1.1 // 13058 /// E	Cybb	1.69E-13	2.85019	Week 6 up vs Week 2
10585988	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	5.3E-14	2.85042	Week 6 up vs Week 2
10450154	NM_010378 // H2-Aa // histocompatibility 2, class II antigen A, alpha // 17 B1|1	H2-Aa	4.98653E-08	2.8535	Week 6 up vs Week 2
10587023	NM_023635 // Rab27a // RAB27A, member RAS oncogene family // 9 D|9 41.0 cM // 11	Rab27a	4.38857E-06	2.85886	Week 6 up vs Week 2
10340150	---		1.95339E-06	2.85899	Week 6 up vs Week 2
10484276	NM_010894 // Neurod1 // neurogenic differentiation 1 // 2 C3|2 46.0 cM // 18012	Neurod1	0.00678642	2.86101	Week 6 up vs Week 2
10551966	NM_001012401 // Hspb6 // heat shock protein, alpha-crystallin-related, B6 // 7 B	Hspb6	0.000118431	2.86127	Week 6 up vs Week 2
10341523	---		0.000020398	2.86166	Week 6 up vs Week 2
10342133	---		2.69181E-07	2.86631	Week 6 up vs Week 2
10339025	---		1.99519E-07	2.86913	Week 6 up vs Week 2
10339743	---		7.49766E-05	2.8757	Week 6 up vs Week 2
10341500	---		0.000012408	2.87824	Week 6 up vs Week 2
10568363	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	2.15225E-07	2.87848	Week 6 up vs Week 2
10595211	NM_007730 // Col12a1 // collagen, type XII, alpha 1 // 9 E1|9 43.0 cM // 12816 /	Col12a1	0.000136691	2.87904	Week 6 up vs Week 2
10338862	---		1.47316E-05	2.88182	Week 6 up vs Week 2
10342923	---		0.000102916	2.88288	Week 6 up vs Week 2
10338796	---		6.25E-13	2.88611	Week 6 up vs Week 2
10344542	---		7.168E-12	2.88897	Week 6 up vs Week 2
10367734	NM_177387 // Ust // uronyl-2-sulfotransferase // 10 A1 // 338362 /// ENSMUST0000	Ust	3.0105E-10	2.89518	Week 6 up vs Week 2
10342113	---		4.5127E-06	2.89536	Week 6 up vs Week 2
10452516	NM_001025572 // Ankrd12 // ankyrin repeat domain 12 // 17 E1.1 // 106585	Ankrd12	4.21138E-09	2.89763	Week 6 up vs Week 2
10601878	NM_146236 // Tceal1 // transcription elongation factor A (SII)-like 1 // X F1 //	Tceal1	3.945E-12	2.90769	Week 6 up vs Week 2
10342495	---		3.00756E-10	2.9093	Week 6 up vs Week 2
10341961	---		1.1652E-06	2.90945	Week 6 up vs Week 2
10342139	---		3.3285E-06	2.90977	Week 6 up vs Week 2
10440534	NM_011782 // Adamts5 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts5	3.47681E-06	2.91	Week 6 up vs Week 2
10338989	---		0.000104537	2.9142	Week 6 up vs Week 2
10476395	NM_007553 // Bmp2 // bone morphogenetic protein 2 // 2 F2|2 76.1 cM // 12156 ///	Bmp2	1.65275E-06	2.91602	Week 6 up vs Week 2
10340920	---		6.93552E-10	2.91744	Week 6 up vs Week 2
10341042	---		1.51727E-06	2.91817	Week 6 up vs Week 2
10428534	NM_032000 // Trps1 // trichorhinophalangeal syndrome I (human) // 15 C|15 30.1 c	Trps1	5.28932E-08	2.91868	Week 6 up vs Week 2
10343512	---		3.86856E-08	2.92312	Week 6 up vs Week 2
10342934	---		3.84904E-06	2.92458	Week 6 up vs Week 2
10408693	NM_028784 // F13a1 // coagulation factor XIII, A1 subunit // 13 A3.3 // 74145 //	F13a1	4.42245E-09	2.92485	Week 6 up vs Week 2
10341890	---		3.04528E-08	2.92642	Week 6 up vs Week 2
10340748	---		2.83939E-06	2.92654	Week 6 up vs Week 2
10501629	NM_001080818 // Cdc14a // CDC14 cell division cycle 14 homolog A (S. cerevisiae)	Cdc14a	1.01264E-08	2.92697	Week 6 up vs Week 2
10341382	---		2.04833E-07	2.92706	Week 6 up vs Week 2
10338263	---		4.62886E-06	2.92847	Week 6 up vs Week 2
10440562	NM_001081068 // Rnf160 // ring finger protein 160 // 16 C3.3 // 78913 /// ENSMUS	Rnf160	1.00868E-09	2.92889	Week 6 up vs Week 2
10482762	NM_145360 // Idi1 // isopentenyl-diphosphate delta isomerase // 13 A1 // 319554	Idi1	0.000186683	2.9323	Week 6 up vs Week 2
10425049	NM_173743 // Apol9b // apolipoprotein L 9b // 15 E1 // 71898 /// NM_001162883 //	Apol9b	2.93086E-05	2.938	Week 6 up vs Week 2
10343956	---		4.48094E-06	2.94063	Week 6 up vs Week 2
10341659	---		9.87411E-10	2.94356	Week 6 up vs Week 2

10585976	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	3.00271E-07	2.94388	Week 6 up vs Week 2
10343979	---		6.46036E-09	2.94615	Week 6 up vs Week 2
10338236	---		1.95949E-09	2.9463	Week 6 up vs Week 2
10341231	---		1.6318E-06	2.94703	Week 6 up vs Week 2
10608226			0.000345659	2.95057	Week 6 up vs Week 2
10341278	---		2.89396E-05	2.95612	Week 6 up vs Week 2
10410778	NM_054053 // Gpr98 // G protein-coupled receptor 98 // 13 C3|13 40.0 cM // 11078	Gpr98	8.80062E-07	2.95661	Week 6 up vs Week 2
10604347	NM_053123 // Smarca1 // SWI/SNF related, matrix associated, actin dependent regu	Smarca1	3.55941E-07	2.96036	Week 6 up vs Week 2
10343910	---		7.0814E-07	2.96093	Week 6 up vs Week 2
10339204	---		8.14165E-06	2.96313	Week 6 up vs Week 2
10483770	NM_001110209 // Lnp // limb and neural patterns // 2 C3 // 69605 /// NM_027133 /	Lnp	2.014E-10	2.96593	Week 6 up vs Week 2
10395538	NM_026164 // Pnpla8 // patatin-like phospholipase domain containing 8 // 12 B3 /	Pnpla8	4.36E-13	2.96667	Week 6 up vs Week 2
10586246	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	3.2862E-08	2.96743	Week 6 up vs Week 2
10341272	---		4.34641E-08	2.96743	Week 6 up vs Week 2
10340344	---		6.47568E-07	2.96823	Week 6 up vs Week 2
10340521	---		1.79403E-09	2.9695	Week 6 up vs Week 2
10371356	NM_145220 // Appl2 // adaptor protein, phosphotyrosine interaction, PH domain an	Appl2	2.43621E-07	2.97024	Week 6 up vs Week 2
10451665	NM_009694 // Apobec2 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec2	0.000195597	2.97041	Week 6 up vs Week 2
10443459	NM_013663 // Sfrs3 // splicing factor, arginine/serine-rich 3 (SRp20) // 17 A3.3	Sfrs3	1.9574E-07	2.97161	Week 6 up vs Week 2
10428376	NM_009640 // Angpt1 // angiopoietin 1 // 15 B3.1|15 14.3 cM // 11600 /// ENSMUST	Angpt1	6.25344E-05	2.97202	Week 6 up vs Week 2
10358565	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000010317	2.97276	Week 6 up vs Week 2
10340707	---		2.02686E-07	2.97371	Week 6 up vs Week 2
10344177	---		6.41118E-05	2.9749	Week 6 up vs Week 2
10338769	---		2.407E-12	2.97652	Week 6 up vs Week 2
10436945	NM_017391 // Slc5a3 // solute carrier family 5 (inositol transporters), member 3	Slc5a3	2.09901E-10	2.97857	Week 6 up vs Week 2
10371660	---		0.00297801	2.99006	Week 6 up vs Week 2
10343620	---		5.68329E-07	2.99015	Week 6 up vs Week 2
10343666	---		8.52485E-08	2.99532	Week 6 up vs Week 2
10485982	NM_009608 // Actc1 // actin, alpha, cardiac muscle 1 // 2 E4|2 64.0 cM // 11464	Actc1	0.00362456	2.99606	Week 6 up vs Week 2
10340090	---		2.5731E-09	2.99766	Week 6 up vs Week 2
10542911	NM_010156 // Samd9l // sterile alpha motif domain containing 9-like // 6 A1-A2 /	Samd9l	2.03493E-06	2.99796	Week 6 up vs Week 2
10586118	NM_138304 // Calml4 // calmodulin-like 4 // 9 B // 75600 /// NM_001102468 // Cal	Calml4	5.6938E-11	3.00475	Week 6 up vs Week 2
10341823	---		7.05567E-09	3.00632	Week 6 up vs Week 2
10338628	---		1.00071E-08	3.01208	Week 6 up vs Week 2
10587262	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	0.0005826	3.01318	Week 6 up vs Week 2
10362432	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	4.15664E-08	3.01337	Week 6 up vs Week 2
10469358	NM_008625 // Mrc1 // mannose receptor, C type 1 // 2 A2|2 5.0 cM // 17533 /// EN	Mrc1	1.74036E-08	3.0139	Week 6 up vs Week 2
10502830	NM_199465 // Nexn // nexilin // 3 H3 // 68810 /// ENSMUST00000046045 // Nexn //	Nexn	4.99061E-05	3.01465	Week 6 up vs Week 2
10338445	---		2.13525E-05	3.01627	Week 6 up vs Week 2
10439009	NM_007470 // Apod // apolipoprotein D // 16 B2|16 21.2 cM // 11815 /// ENSMUST00	Apod	6.00429E-06	3.02003	Week 6 up vs Week 2
10343987	---		4.77443E-06	3.02064	Week 6 up vs Week 2
10402020	NM_001081191 // Eml5 // echinoderm microtubule associated protein like 5 // 12 E	Eml5	1.12287E-05	3.02268	Week 6 up vs Week 2
10343393	---		3.11121E-06	3.02312	Week 6 up vs Week 2
10340683	---		2.6638E-06	3.02718	Week 6 up vs Week 2
10339470	---		2.62305E-09	3.02731	Week 6 up vs Week 2
10433177	XR_034404 // Gm9108 // predicted gene 9108 // 15 F3 // 668327	Gm9108	6.77884E-08	3.02787	Week 6 up vs Week 2
10462618	NM_010501 // Ifit3 // interferon-induced protein with tetratricopeptide repeats	Ifit3	3.37007E-07	3.03154	Week 6 up vs Week 2
10398859	NM_007421 // Adssl1 // adenylosuccinate synthetase like 1 // 12 F1 // 11565 ///	Adssl1	3.81325E-05	3.032	Week 6 up vs Week 2
10344478	---		6.39602E-06	3.03211	Week 6 up vs Week 2
10343195	---		3.0202E-10	3.03235	Week 6 up vs Week 2
10341863	---		1.41725E-08	3.03636	Week 6 up vs Week 2
10377148	NM_177369 // Myh8 // myosin, heavy polypeptide 8, skeletal muscle, perinatal //	Myh8	0.000418196	3.0379	Week 6 up vs Week 2
10451828	NM_018751 // Sult1c1 // sulfotransferase family, cytosolic, 1C, member 1 // 17 C	Sult1c1	4.76226E-09	3.03984	Week 6 up vs Week 2
10508614	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	0.000145037	3.0416	Week 6 up vs Week 2
10339252	---		8.84854E-06	3.04296	Week 6 up vs Week 2
10343406	---		4.92467E-06	3.04485	Week 6 up vs Week 2
10342080	---		3.97593E-08	3.04765	Week 6 up vs Week 2
10376096	NM_001033598 // Acsl6 // acyl-CoA synthetase long-chain family member 6 // 11 B1	Acsl6	1.39564E-06	3.05118	Week 6 up vs Week 2
10343416	---		2.40681E-08	3.05382	Week 6 up vs Week 2
10340478	---		7.83619E-06	3.05641	Week 6 up vs Week 2
10339396	---		1.58583E-06	3.06294	Week 6 up vs Week 2
10342711	---		1.6982E-08	3.06386	Week 6 up vs Week 2
10608260	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.0208197	3.06495	Week 6 up vs Week 2
10341305	---		1.31005E-06	3.07192	Week 6 up vs Week 2
10339918	---		3.17404E-05	3.07267	Week 6 up vs Week 2

10344390	---		1.09737E-05	3.07484	Week 6 up vs Week 2
10608603			0.0143122	3.07734	Week 6 up vs Week 2
10498024	NM_011990 // Slc7a11 // solute carrier family 7 (cationic amino acid transporter	Slc7a11	0.000117411	3.0787	Week 6 up vs Week 2
10338665	---		3.40357E-08	3.08702	Week 6 up vs Week 2
10496251	NM_027208 // Bdh2 // 3-hydroxybutyrate dehydrogenase, type 2 // 3 H2 // 69772 //	Bdh2	5.68398E-07	3.09009	Week 6 up vs Week 2
10342361	---		2.13101E-05	3.09499	Week 6 up vs Week 2
10339413	---		4.36492E-07	3.09783	Week 6 up vs Week 2
10484207	NM_001025576 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545428 //	2610301F02Rik	7.21691E-09	3.10202	Week 6 up vs Week 2
10338434	---		2.84455E-07	3.10229	Week 6 up vs Week 2
10343296	---		3.48184E-06	3.10374	Week 6 up vs Week 2
10339429	---		3.0922E-10	3.1064	Week 6 up vs Week 2
10342987	---		2.59484E-05	3.10661	Week 6 up vs Week 2
10342546	---		2.3551E-06	3.10805	Week 6 up vs Week 2
10540984	NM_145383 // Rho // rhodopsin // 6 E3 // 212541 /// ENSMUST00000032471 // Rho //	Rho	0.016941	3.11302	Week 6 up vs Week 2
10338542	---		2.92119E-08	3.11982	Week 6 up vs Week 2
10467842	NM_010324 // Got1 // glutamate oxaloacetate transaminase 1, soluble // 19 C3|19	Got1	1.38646E-08	3.12036	Week 6 up vs Week 2
10342254	---		6.48027E-10	3.12523	Week 6 up vs Week 2
10542317	NM_009875 // Cdkn1b // cyclin-dependent kinase inhibitor 1B // 6 G1|6 62.0 cM //	Cdkn1b	1.5822E-11	3.12792	Week 6 up vs Week 2
10350630	NM_022018 // Fam129a // family with sequence similarity 129, member A // 1 G2 //	Fam129a	1.43985E-06	3.13015	Week 6 up vs Week 2
10430140	NM_013593 // Mb // myoglobin // 15 D3|15 43.3 cM // 17189 /// ENSMUST00000019037	Mb	0.000437456	3.13359	Week 6 up vs Week 2
10343233	---		9.74449E-10	3.13607	Week 6 up vs Week 2
10341290	---		5.881E-08	3.13661	Week 6 up vs Week 2
10338199	---		4.37924E-06	3.14083	Week 6 up vs Week 2
10399825	NM_007861 // Dld // dihydrolipoamide dehydrogenase // 12 A3|12 15.1 cM // 13382	Dld	1.03239E-10	3.14473	Week 6 up vs Week 2
10608513	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00211679	3.14477	Week 6 up vs Week 2
10596737	NM_008140 // Gnat1 // guanine nucleotide binding protein, alpha transducing 1 //	Gnat1	0.0209762	3.14491	Week 6 up vs Week 2
10545041	NM_021432 // Nap1l5 // nucleosome assembly protein 1-like 5 // 6 C1 // 58243 ///	Nap1l5	1.38559E-07	3.14877	Week 6 up vs Week 2
10341621	---		1.39818E-06	3.15095	Week 6 up vs Week 2
10339811	---		1.51495E-09	3.15355	Week 6 up vs Week 2
10608539	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000381548	3.15477	Week 6 up vs Week 2
10608352	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	0.000100132	3.15528	Week 6 up vs Week 2
10340459	---		3.86188E-07	3.1564	Week 6 up vs Week 2
10369842	---		3.52826E-08	3.15659	Week 6 up vs Week 2
10338861	---		1.6E-12	3.16263	Week 6 up vs Week 2
10571399	NM_178395 // Zdhhc2 // zinc finger, DHHC domain containing 2 // 8 A4 // 70546 //	Zdhhc2	3.61239E-07	3.16675	Week 6 up vs Week 2
10343751	---		1.96571E-09	3.16854	Week 6 up vs Week 2
10344367	---		2.58074E-08	3.16928	Week 6 up vs Week 2
10339220	---		1.42934E-06	3.1707	Week 6 up vs Week 2
10344223	---		9.07953E-10	3.17251	Week 6 up vs Week 2
10342968	---		2.07314E-06	3.17677	Week 6 up vs Week 2
10379489	NM_029537 // Tmem98 // transmembrane protein 98 // 11 B5 // 103743 /// ENSMUST00	Tmem98	1.72285E-06	3.17747	Week 6 up vs Week 2
10341703	---		2.67304E-08	3.17756	Week 6 up vs Week 2
10342093	---		3.46509E-07	3.18098	Week 6 up vs Week 2
10342335	---		3.03222E-07	3.18267	Week 6 up vs Week 2
10341978	---		1.425E-12	3.18437	Week 6 up vs Week 2
10505187	NM_011673 // Ugcg // UDP-glucose ceramide glucosyltransferase // 4 B3|4 32.0 cM	Ugcg	2.80788E-07	3.18724	Week 6 up vs Week 2
10565401	NM_016770 // Folh1 // folate hydrolase // 7 D1-D2 // 53320 /// NM_001159706 // F	Folh1	1.97962E-10	3.19178	Week 6 up vs Week 2
10484201	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 5	2610301F02Rik	9.87661E-08	3.20151	Week 6 up vs Week 2
10341457	---		1.01398E-05	3.20287	Week 6 up vs Week 2
10342116	---		5.83474E-07	3.20514	Week 6 up vs Week 2
10497646	BC050266 // Phc3 // polyhomeotic-like 3 (Drosophila) // 3 A3 // 241915	Phc3	8.61414E-10	3.20525	Week 6 up vs Week 2
10340305	---		9.38195E-09	3.20707	Week 6 up vs Week 2
10343352	---		1.3621E-07	3.20808	Week 6 up vs Week 2
10408935	ENSMUST00000099550 // Gm10786 // predicted gene 10786 // --- // 100038539	Gm10786	1.49461E-09	3.2135	Week 6 up vs Week 2
10343324	---		5.03661E-09	3.21352	Week 6 up vs Week 2
10343190	---		3.2105E-08	3.21711	Week 6 up vs Week 2
10455948	NM_001081328 // Chsy3 // chondroitin sulfate synthase 3 // 18 D3 // 78923 /// EN	Chsy3	1.42407E-08	3.22502	Week 6 up vs Week 2
10338895	---		2E-15	3.22966	Week 6 up vs Week 2
10342624	---		2.26266E-05	3.23126	Week 6 up vs Week 2
10343444	---		7.59544E-06	3.23543	Week 6 up vs Week 2
10340887	---		4.78914E-08	3.23782	Week 6 up vs Week 2
10344381	---		3.68053E-05	3.2395	Week 6 up vs Week 2
10344020	---		1.197E-12	3.23967	Week 6 up vs Week 2
10541307	NM_011909 // Usp18 // ubiquitin specific peptidase 18 // 6 F|6 56.0 cM // 24110	Usp18	4.63201E-08	3.24235	Week 6 up vs Week 2
10507273	NM_181585 // Pik3r3 // phosphatidylinositol 3 kinase, regulatory subunit, polype	Pik3r3	1.80849E-09	3.2432	Week 6 up vs Week 2

10340399	---		4.57772E-08	3.25082	Week 6 up vs Week 2
10338149	---		2.18154E-06	3.25341	Week 6 up vs Week 2
10437376	NM_175347 // Srl // sarcalumenin // 16 A1 // 106393 /// ENSMUST00000023161 // Sr	Srl	0.000857613	3.2566	Week 6 up vs Week 2
10494672	NM_009323 // Tbx15 // T-box 15 // 3 F2.2|3 49.0 cM // 21384 /// ENSMUST000000294	Tbx15	6.72891E-05	3.25751	Week 6 up vs Week 2
10343073	---		2.40382E-10	3.26319	Week 6 up vs Week 2
10340650	---		0.0011974	3.26667	Week 6 up vs Week 2
10350530	NM_001159730 // Pdc // phosducin // 1 G1|1 80.0 cM // 20028 /// NM_024458 // Pdc	Pdc	0.00747387	3.26806	Week 6 up vs Week 2
10589494	NM_013884 // Cspg5 // chondroitin sulfate proteoglycan 5 // 9 F2 // 29873 /// AF	Cspg5	1.74413E-07	3.27014	Week 6 up vs Week 2
10426397	NM_007727 // Cntn1 // contactin 1 // 15 F|15 55.1 cM // 12805 /// NM_001159647 /	Cntn1	9.14498E-06	3.2706	Week 6 up vs Week 2
10344217	---		1.83692E-09	3.27196	Week 6 up vs Week 2
10548622	NM_198669 // Prb1 // proline-rich protein BstNI subfamily 1 // 6 G1 // 381833 //	Prb1	0.000154695	3.27512	Week 6 up vs Week 2
10341511	---		3.58649E-06	3.27543	Week 6 up vs Week 2
10341801	---		2.72423E-07	3.27612	Week 6 up vs Week 2
10341164	---		2.84299E-08	3.27816	Week 6 up vs Week 2
10483081	NM_007986 // Fap // fibroblast activation protein // 2 C1.3|2 36.0 cM // 14089 /	Fap	6.76603E-06	3.27841	Week 6 up vs Week 2
10338473	---		5.73651E-09	3.28041	Week 6 up vs Week 2
10338192	---		1.37426E-05	3.28451	Week 6 up vs Week 2
10339832	---		3.07228E-06	3.28645	Week 6 up vs Week 2
10341441	---		1.46015E-06	3.292	Week 6 up vs Week 2
10352916	BC058715 // C030002C11Rik // RIKEN cDNA C030002C11 gene // --- // 320977	C030002C11Rik	3.93716E-09	3.30579	Week 6 up vs Week 2
10542983	NM_011134 // Pon1 // paraoxonase 1 // 6 A2|6 0.5 cM // 18979 /// ENSMUST00000002	Pon1	2.74263E-05	3.30672	Week 6 up vs Week 2
10340337	---		1.62404E-08	3.30929	Week 6 up vs Week 2
10363860	NM_025807 // Slc16a9 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a9	3.40362E-08	3.31085	Week 6 up vs Week 2
10340042	---		1.59167E-06	3.31104	Week 6 up vs Week 2
10342716	---		3.33995E-07	3.32317	Week 6 up vs Week 2
10340733	---		8.86561E-10	3.33089	Week 6 up vs Week 2
10338198	---		2.54436E-05	3.33422	Week 6 up vs Week 2
10343308	---		8.22637E-10	3.33451	Week 6 up vs Week 2
10343675	---		2.50881E-08	3.33626	Week 6 up vs Week 2
10490203	NM_010309 // Gnas // GNAS (guanine nucleotide binding protein, alpha stimulating	Gnas	6.74334E-10	3.34322	Week 6 up vs Week 2
10341846	---		1.49836E-08	3.35901	Week 6 up vs Week 2
10460947	NM_011224 // Pygm // muscle glycogen phosphorylase // 19 A|19 2.0 cM // 19309 //	Pygm	1.57405E-05	3.36064	Week 6 up vs Week 2
10340179	---		1.75895E-05	3.36581	Week 6 up vs Week 2
10340081	---		5.54986E-07	3.37292	Week 6 up vs Week 2
10402347	NM_029803 // Ifi27l2a // interferon, alpha-inducible protein 27 like 2A // 12 E	Ifi27l2a	7.74444E-08	3.37357	Week 6 up vs Week 2
10338289	---		1.42779E-06	3.37411	Week 6 up vs Week 2
10341386	---		2.13387E-08	3.37713	Week 6 up vs Week 2
10341363	---		1.02212E-10	3.37727	Week 6 up vs Week 2
10608554			0.0101938	3.37863	Week 6 up vs Week 2
10338921	---		1.55411E-05	3.38045	Week 6 up vs Week 2
10338452	---		2.41074E-05	3.38098	Week 6 up vs Week 2
10343527	---		7.69434E-07	3.3884	Week 6 up vs Week 2
10343755	---		2.16292E-06	3.39385	Week 6 up vs Week 2
10362446	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	6.72795E-05	3.39594	Week 6 up vs Week 2
10342812	---		1.00645E-07	3.39599	Week 6 up vs Week 2
10340393	---		7.7572E-10	3.39671	Week 6 up vs Week 2
10338759	---		4.50271E-07	3.39846	Week 6 up vs Week 2
10339182	---		4.32006E-06	3.39941	Week 6 up vs Week 2
10530615	NM_026950 // Ociad2 // OCIA domain containing 2 // 5 D // 433904 /// ENSMUST0000	Ociad2	7.30297E-07	3.3998	Week 6 up vs Week 2
10559200	NM_009405 // Tnni2 // troponin I, skeletal, fast 2 // 7 F5|7 70.0 cM // 21953 //	Tnni2	5.72699E-05	3.40031	Week 6 up vs Week 2
10342477	---		0.000889774	3.409	Week 6 up vs Week 2
10342144	---		1.58599E-08	3.41196	Week 6 up vs Week 2
10379636	NM_011410 // Slfn4 // schlafen 4 // 11 C // 20558 /// ENSMUST00000000208 // Slfn	Slfn4	4.33777E-07	3.41205	Week 6 up vs Week 2
10405063	NM_008760 // Ogn // osteoglycin // 13 A5 // 18295 /// ENSMUST00000021822 // Ogn	Ogn	4.86976E-05	3.41871	Week 6 up vs Week 2
10599348	NM_016886 // Gria3 // glutamate receptor, ionotropic, AMPA3 (alpha 3) // X A3.3-	Gria3	2.08718E-09	3.41955	Week 6 up vs Week 2
10343718	---		5.07076E-06	3.41994	Week 6 up vs Week 2
10439766	NM_021496 // Pvrl3 // poliovirus receptor-related 3 // 16 B5 // 58998 /// NM_021	Pvrl3	1.67705E-07	3.42422	Week 6 up vs Week 2
10544687	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063	Cycs	1.46E-13	3.42794	Week 6 up vs Week 2
10344510	---		2.98478E-08	3.44234	Week 6 up vs Week 2
10395259	NM_021524 // Nampt // nicotinamide phosphoribosyltransferase // 12 B1 // 59027 /	Nampt	6.28486E-09	3.45813	Week 6 up vs Week 2
10582985	NM_009807 // Casp1 // caspase 1 // 9 A1|9 1.0 cM // 12362 /// BC008152 // Casp1	Casp1	2.54623E-10	3.47375	Week 6 up vs Week 2
10343628	---		0.00111795	3.47733	Week 6 up vs Week 2
10340350	---		6.60904E-06	3.47801	Week 6 up vs Week 2
10340670	---		1.99076E-05	3.4784	Week 6 up vs Week 2
10384579	NM_139297 // Ugp2 // UDP-glucose pyrophosphorylase 2 // 11 A3.1|11 12.0 cM // 21	Ugp2	2.3262E-11	3.48793	Week 6 up vs Week 2

10339880	---		2.29285E-05	3.49223	Week 6 up vs Week 2
10344005	---		2.10659E-06	3.49591	Week 6 up vs Week 2
10608596	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0197738	3.49857	Week 6 up vs Week 2
10608517	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00246668	3.49903	Week 6 up vs Week 2
10554863	NM_001040085 // Sytl2 // synaptotagmin-like 2 // 7 E1 // 83671 /// NM_031394 //	Sytl2	2.32324E-06	3.49981	Week 6 up vs Week 2
10541318	NM_144512 // Slc6a13 // solute carrier family 6 (neurotransmitter transporter, G	Slc6a13	5.30414E-06	3.51397	Week 6 up vs Week 2
10557177	NM_008855 // Prkcb // protein kinase C, beta // 7 F3|7 60.0 cM // 18751 /// ENSM	Prkcb	5.8491E-11	3.51931	Week 6 up vs Week 2
10339446	---		4.43761E-08	3.52082	Week 6 up vs Week 2
10492798	NM_009144 // Sfrp2 // secreted frizzled-related protein 2 // 3 E3|3 38.5 cM // 2	Sfrp2	3.71865E-05	3.52214	Week 6 up vs Week 2
10341613	---		1.40217E-07	3.52297	Week 6 up vs Week 2
10357858	NM_054076 // Optc // opticin // 1 E4 // 269120 /// NM_001160421 // Optc // optic	Optc	0.000848127	3.52315	Week 6 up vs Week 2
10339014	---		2.17852E-09	3.52542	Week 6 up vs Week 2
10339824	---		1.364E-11	3.53311	Week 6 up vs Week 2
10342411	---		1.64031E-08	3.53714	Week 6 up vs Week 2
10343811	---		7.1015E-09	3.54155	Week 6 up vs Week 2
10342007	---		1.96406E-07	3.55634	Week 6 up vs Week 2
10340814	---		2.51071E-08	3.5591	Week 6 up vs Week 2
10503180	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.82406E-08	3.56105	Week 6 up vs Week 2
10608625	XR_035752 // LOC665448 // similar to spermiogenesis specific transcript on the Y	LOC665448	0.0164589	3.57904	Week 6 up vs Week 2
10352928	NM_011283 // Rp1 // retinitis pigmentosa 1 (human) // 1 A1|1 6.5 cM // 19888 ///	Rp1	0.0027846	3.57934	Week 6 up vs Week 2
10466779	NM_008846 // Pip5k1b // phosphatidylinositol-4-phosphate 5-kinase, type 1 beta /	Pip5k1b	6.40119E-07	3.58104	Week 6 up vs Week 2
10343609	---		0.000740967	3.5854	Week 6 up vs Week 2
10338809	---		2.42254E-05	3.58796	Week 6 up vs Week 2
10351131	NM_010865 // Myoc // myocilin // 1 H2.1|1 83.6 cM // 17926 /// ENSMUST0000002802	Myoc	0.000110542	3.59123	Week 6 up vs Week 2
10339634	---		1.33837E-06	3.60072	Week 6 up vs Week 2
10504692	NM_021883 // Tmod1 // tropomodulin 1 // 4 B1|4 21.5 cM // 21916 /// ENSMUST00000	Tmod1	6.6236E-07	3.60122	Week 6 up vs Week 2
10608523	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.000512596	3.60379	Week 6 up vs Week 2
10371916	ENSMUST00000067705 // 4930485B16Rik // RIKEN cDNA 4930485B16 gene // 10 C2 //	4930485B16Rik	5.59742E-07	3.61128	Week 6 up vs Week 2
10608492	BC099537 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	0.000481018	3.61619	Week 6 up vs Week 2
10344136	---		9.82687E-07	3.62016	Week 6 up vs Week 2
10342150	---		9.42889E-09	3.62119	Week 6 up vs Week 2
10338183	---		6.94486E-06	3.64151	Week 6 up vs Week 2
10343462	---		8.56574E-08	3.64235	Week 6 up vs Week 2
10343281	---		6.81479E-07	3.64458	Week 6 up vs Week 2
10608209	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0215308	3.64856	Week 6 up vs Week 2
10343579	---		2.63084E-08	3.65145	Week 6 up vs Week 2
10518751	NM_009802 // Car6 // carbonic anhydrase 6 // 4 E2 // 12353 /// ENSMUST0000003081	Car6	9.14323E-05	3.65601	Week 6 up vs Week 2
10338643	---		7.06196E-07	3.65629	Week 6 up vs Week 2
10338829	---		4.19785E-10	3.6765	Week 6 up vs Week 2
10457942	NM_009308 // Syt4 // synaptotagmin IV // 18 B1|18 10.0 cM // 20983 /// ENSMUST00	Syt4	6.73494E-08	3.68668	Week 6 up vs Week 2
10339369	---		1.5867E-10	3.69348	Week 6 up vs Week 2
10377938	NM_007933 // Eno3 // enolase 3, beta muscle // 11 B4|11 42.0 cM // 13808 /// NM_	Eno3	2.37536E-05	3.69552	Week 6 up vs Week 2
10339900	---		3.33032E-05	3.70572	Week 6 up vs Week 2
10341008	---		1.6745E-06	3.70956	Week 6 up vs Week 2
10608330	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000133052	3.71522	Week 6 up vs Week 2
10603051	NM_026887 // Ap1s2 // adaptor-related protein complex 1, sigma 2 subunit // X F5	Ap1s2	3.01515E-09	3.72536	Week 6 up vs Week 2
10502135	NM_009102 // Rrh // retinal pigment epithelium derived rhodopsin homolog // 3 G3	Rrh	9.53147E-07	3.72538	Week 6 up vs Week 2
10343925	---		5.9996E-07	3.72812	Week 6 up vs Week 2
10342439	---		3.89756E-07	3.72963	Week 6 up vs Week 2
10578916	NM_025436 // Sc4mol // sterol-C4-methyl oxidase-like // 8 B3.1 // 66234 /// ENSM	Sc4mol	1.13633E-05	3.73164	Week 6 up vs Week 2
10548639	NM_198669 // Prb1 // proline-rich protein BstNI subfamily 1 // 6 G1 // 381833 //	Prb1	7.68312E-05	3.73435	Week 6 up vs Week 2
10450161	NM_010381 // H2-Ea // histocompatibility 2, class II antigen E alpha // 17 B1|17	H2-Ea	2.03821E-10	3.73471	Week 6 up vs Week 2
10540248	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	9.31285E-06	3.73614	Week 6 up vs Week 2
10593671	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	1.24525E-06	3.7368	Week 6 up vs Week 2
10608251	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// BC	LOC380994	8.26817E-05	3.74639	Week 6 up vs Week 2
10362440	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00116654	3.74879	Week 6 up vs Week 2
10340550	---		3.66843E-08	3.75613	Week 6 up vs Week 2
10339556	---		4.94721E-10	3.75748	Week 6 up vs Week 2
10557575	NM_016754 // Mylpf // myosin light chain, phosphorylatable, fast skeletal muscle	Mylpf	0.000100168	3.76459	Week 6 up vs Week 2
10341211	---		2.96846E-06	3.76659	Week 6 up vs Week 2
10519815	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	7.05787E-07	3.76931	Week 6 up vs Week 2
10343781	---		6.08599E-07	3.7709	Week 6 up vs Week 2
10365983	NM_008524 // Lum // lumican // 10 C3|10 61.0 cM // 17022 /// ENSMUST00000038160	Lum	2.35405E-06	3.7763	Week 6 up vs Week 2
10340899	---		6.62844E-07	3.77696	Week 6 up vs Week 2
10341600	---		8.00292E-08	3.77827	Week 6 up vs Week 2

10362442	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.000756009	3.78903	Week 6 up vs Week 2
10608464	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	6.59359E-05	3.79112	Week 6 up vs Week 2
10341767	---		1.13369E-07	3.79487	Week 6 up vs Week 2
10343052	---		2.19059E-10	3.8093	Week 6 up vs Week 2
10411107	ENSMUST00000062122 // Cmya5 // cardiomyopathy associated 5 // 13 C3 // 76469 ///	Cmya5	1.09486E-05	3.82019	Week 6 up vs Week 2
10362404	NM_029726 // Trdn // triadin // 10 A4 // 76757 /// ENSMUST00000050626 // Trdn //	Trdn	0.000181759	3.82506	Week 6 up vs Week 2
10608557	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	4.90988E-05	3.82511	Week 6 up vs Week 2
10341402	---		6.794E-09	3.82971	Week 6 up vs Week 2
10540401	NM_008516 // Lrrn1 // leucine rich repeat protein 1, neuronal // 6 E1 // 16979 /	Lrrn1	8.53446E-06	3.83977	Week 6 up vs Week 2
10341886	---		1.73062E-08	3.8451	Week 6 up vs Week 2
10376956	NM_178870 // Hs3st3a1 // heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1	Hs3st3a1	9.06403E-10	3.84936	Week 6 up vs Week 2
10342239	---		0.000112168	3.84958	Week 6 up vs Week 2
10342726	---		5.73031E-06	3.85474	Week 6 up vs Week 2
10545045	NM_153574 // Fam13a // family with sequence similarity 13, member A // 6 B3 // 5	Fam13a	3.51555E-09	3.89157	Week 6 up vs Week 2
10608212	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	9.70989E-05	3.89185	Week 6 up vs Week 2
10583071	NM_010809 // Mmp3 // matrix metallopeptidase 3 // 9 A1|9 1.0 cM // 17392 /// ENS	Mmp3	3.74931E-08	3.89406	Week 6 up vs Week 2
10343681	---		2.54351E-08	3.90547	Week 6 up vs Week 2
10608410	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000165125	3.91278	Week 6 up vs Week 2
10341999	---		4.16825E-07	3.91682	Week 6 up vs Week 2
10344397	---		7.31465E-09	3.92924	Week 6 up vs Week 2
10521759	NM_178804 // Slit2 // slit homolog 2 (Drosophila) // 5 B3 // 20563 /// ENSMUST00	Slit2	1.40194E-09	3.93211	Week 6 up vs Week 2
10551293	NM_007817 // Cyp2f2 // cytochrome P450, family 2, subfamily f, polypeptide 2 //	Cyp2f2	0.00168885	3.93835	Week 6 up vs Week 2
10338428	---		3.29349E-07	3.94212	Week 6 up vs Week 2
10343229	---		7.68522E-07	3.94795	Week 6 up vs Week 2
10608429	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	6.17041E-05	3.95128	Week 6 up vs Week 2
10343558	---		3.41195E-08	3.95806	Week 6 up vs Week 2
10462621	NM_001005858 // I830012O16Rik // RIKEN cDNA I830012O16 gene // 19 C1 // 667370 /	I830012O16Rik	8.4706E-06	3.96953	Week 6 up vs Week 2
10340417	---		4.80777E-10	3.97514	Week 6 up vs Week 2
10344024	---		2.85206E-10	3.97974	Week 6 up vs Week 2
10341406	---		1.33229E-07	3.98426	Week 6 up vs Week 2
10343307	---		2.46411E-08	3.98913	Week 6 up vs Week 2
10343853	---		4.41232E-09	3.99359	Week 6 up vs Week 2
10340007	---		1.79744E-08	3.99595	Week 6 up vs Week 2
10342796	---		7.35188E-07	4.01689	Week 6 up vs Week 2
10352178	NM_178653 // Sccpdh // saccharopine dehydrogenase (putative) // 1 H4 // 109232 /	Sccpdh	1.205E-12	4.01921	Week 6 up vs Week 2
10339463	---		7.3011E-11	4.04162	Week 6 up vs Week 2
10600886	NM_029536 // Gpr165 // G protein-coupled receptor 165 // X C1|X // 76206 /// ENS	Gpr165	1.78764E-07	4.05069	Week 6 up vs Week 2
10529979	NR_027710 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	5.7622E-11	4.06089	Week 6 up vs Week 2
10539393	ENSMUST00000039212 // Slc4a5 // solute carrier family 4, sodium bicarbonate cotr	Slc4a5	9.88598E-07	4.06372	Week 6 up vs Week 2
10499948	NM_001039594 // Lce3a // late cornified envelope 3A // 3 F1|3 // 545548 /// ENSM	Lce3a	1.0626E-11	4.08277	Week 6 up vs Week 2
10389795	NM_011505 // Stxbp4 // syntaxin binding protein 4 // 11 C // 20913 /// ENSMUST00	Stxbp4	2.2051E-10	4.0926	Week 6 up vs Week 2
10455395	NM_001081180 // Spink5 // serine peptidase inhibitor, Kazal type 5 // 18 B3|18 2	Spink5	6.78701E-08	4.09366	Week 6 up vs Week 2
10385466	NM_011891 // Sgcd // sarcoglycan, delta (dystrophin-associated glycoprotein) //	Sgcd	3.51325E-08	4.09651	Week 6 up vs Week 2
10403834	NM_016687 // Sfrp4 // secreted frizzled-related protein 4 // 13 A2|13 7.0 cM //	Sfrp4	6.36208E-06	4.11185	Week 6 up vs Week 2
10553743	NM_021879 // Oca2 // oculocutaneous albinism II // 7 B5-C|7 28.0 cM // 18431 ///	Oca2	2.07631E-06	4.11318	Week 6 up vs Week 2
10367436	NM_001042580 // Cd63 // CD63 antigen // 10 D3|10 72.0 cM // 12512 /// NM_007653	Cd63	2.9139E-07	4.11329	Week 6 up vs Week 2
10462442	NM_133775 // Il33 // interleukin 33 // 19 C2 // 77125 /// ENSMUST00000120388 //	Il33	8.511E-11	4.12249	Week 6 up vs Week 2
10499132	NM_011839 // Mab21l2 // mab-21-like 2 (C. elegans) // 3 F1 // 23937 /// ENSMUST0	Mab21l2	2.24453E-07	4.13333	Week 6 up vs Week 2
10343695	---		2.4398E-09	4.13636	Week 6 up vs Week 2
10344952	NM_133832 // Rdh10 // retinol dehydrogenase 10 (all-trans) // 1 A3|1 12.0 cM //	Rdh10	5.66726E-07	4.1422	Week 6 up vs Week 2
10608313	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000703561	4.15253	Week 6 up vs Week 2
10439362	NM_172440 // Stxbp5l // syntaxin binding protein 5-like // 16 B3 // 207227 /// N	Stxbp5l	1.06509E-08	4.15288	Week 6 up vs Week 2
10552964	NM_010240 // Ftl1 // ferritin light chain 1 // 7 B4 // 14325 /// NM_008049 // Ft	Ftl1	7.6E-14	4.15869	Week 6 up vs Week 2
10372648	NM_017372 // Lyz2 // lysozyme 2 // 10 D2|10 66.0 cM // 17105 /// ENSMUST00000092	Lyz2	7.28226E-08	4.1666	Week 6 up vs Week 2
10608567	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.0108365	4.16811	Week 6 up vs Week 2
10343373	---		2.35549E-07	4.18363	Week 6 up vs Week 2
10595480	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	2.9644E-11	4.20126	Week 6 up vs Week 2
10344026	---		1.56204E-08	4.22738	Week 6 up vs Week 2
10339703	---		4.00727E-08	4.24929	Week 6 up vs Week 2
10550698	NM_007710 // Ckm // creatine kinase, muscle // 7 A3|7 4.5 cM // 12715 /// ENSMUS	Ckm	9.78223E-05	4.25452	Week 6 up vs Week 2
10419082	BC056635 // 5730469M10Rik // RIKEN cDNA 5730469M10 gene // 14 B // 70564 /// ENS	5730469M10Rik	8.93842E-10	4.26005	Week 6 up vs Week 2
10607064	NM_001007576 // Gucy2f // guanylate cyclase 2f // X F2|X 61.0 cM // 245650 /// E	Gucy2f	1.87139E-06	4.27098	Week 6 up vs Week 2
10341472	---		1.25018E-07	4.28055	Week 6 up vs Week 2
10341953	---		4.85313E-06	4.29594	Week 6 up vs Week 2
10608302	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00251356	4.30408	Week 6 up vs Week 2

10367379	NM_021882 // Si // silver // 10 D3|10 70.0 cM // 20431 /// ENSMUST00000054125 //	Si	8.55277E-05	4.31355	Week 6 up vs Week 2
10469389	NM_001012305 // Slc39a12 // solute carrier family 39 (zinc transporter), member	Slc39a12	4.83194E-10	4.31542	Week 6 up vs Week 2
10342609	---		0.000438707	4.31909	Week 6 up vs Week 2
10575693	NM_173016 // Vat1l // vesicle amine transport protein 1 homolog-like (T. califor	Vat1l	1.51383E-08	4.32742	Week 6 up vs Week 2
10607972	NM_011419 // Kdm5d // lysine (K)-specific demethylase 5D // Y A1 // 20592 /// EN	Kdm5d	0.00147331	4.34135	Week 6 up vs Week 2
10423098	NM_053077 // Slc45a2 // solute carrier family 45, member 2 // 15 A1|15 6.7 cM //	Slc45a2	1.46739E-06	4.34715	Week 6 up vs Week 2
10528385	NM_011261 // Reln // reelin // 5 A3-B1|5 8.0 cM // 19699 /// ENSMUST00000062372	Reln	9.69087E-07	4.3702	Week 6 up vs Week 2
10343174	---		3.89162E-07	4.40577	Week 6 up vs Week 2
10608317	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000595472	4.41941	Week 6 up vs Week 2
10462912	NM_020278 // Lgi1 // leucine-rich repeat LGI family, member 1 // 19 C3 // 56839	Lgi1	2.19299E-07	4.43038	Week 6 up vs Week 2
10342234	---		1.85632E-07	4.43211	Week 6 up vs Week 2
10338490	---		1.25033E-09	4.44266	Week 6 up vs Week 2
10608293	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.0156259	4.46402	Week 6 up vs Week 2
10608474	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00919198	4.47747	Week 6 up vs Week 2
10519855	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	4.944E-08	4.50446	Week 6 up vs Week 2
10608237	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	6.81945E-05	4.52569	Week 6 up vs Week 2
10608397	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	6.81945E-05	4.52569	Week 6 up vs Week 2
10608586	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	6.81945E-05	4.52569	Week 6 up vs Week 2
10608382	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00870412	4.56354	Week 6 up vs Week 2
10571815	NM_153581 // Gpm6a // glycoprotein m6a // 8 B3.2 // 234267 /// ENSMUST0000003391	Gpm6a	3.08766E-07	4.58357	Week 6 up vs Week 2
10495035	NM_009196 // Slc16a1 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a1	2.1504E-08	4.59848	Week 6 up vs Week 2
10342036	---		8.13953E-09	4.60464	Week 6 up vs Week 2
10430297	NM_013645 // Pvalb // parvalbumin // 15 E|15 45.7 cM // 19293 /// ENSMUST0000012	Pvalb	0.000244236	4.61582	Week 6 up vs Week 2
10430723	AJ006341 // Slc25a17 // solute carrier family 25 (mitochondrial carrier, peroxis	Slc25a17	1.97E-13	4.61901	Week 6 up vs Week 2
10556509	NM_145584 // Spon1 // spondin 1, (f-spondin) extracellular matrix protein // 7 F	Spon1	2.90191E-08	4.62093	Week 6 up vs Week 2
10559221	NM_011620 // Tnnt3 // troponin T3, skeletal, fast // 7 F5|7 69.0 cM // 21957 ///	Tnnt3	5.4711E-07	4.63158	Week 6 up vs Week 2
10340209	---		3.15122E-10	4.67794	Week 6 up vs Week 2
10436598	ENSMUST00000068704 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1	2810055G20Rik	3.65214E-08	4.68969	Week 6 up vs Week 2
10338200	---		8.79523E-10	4.69315	Week 6 up vs Week 2
10500283	NM_011797 // Car14 // carbonic anhydrase 14 // 3 F2.1 // 23831 /// NM_146104 //	Car14	9.68847E-09	4.71169	Week 6 up vs Week 2
10376201	NM_001083929 // Gpx3 // glutathione peroxidase 3 // 11 B3-B5 // 14778 /// NM_008	Gpx3	3.41234E-07	4.73644	Week 6 up vs Week 2
10608273	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00426398	4.7606	Week 6 up vs Week 2
10608385	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	5.74063E-05	4.76143	Week 6 up vs Week 2
10410984	NM_198415 // Ckmt2 // creatine kinase, mitochondrial 2 // 13 C3 // 76722 /// ENS	Ckmt2	3.41109E-05	4.80644	Week 6 up vs Week 2
10608424	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.0034754	4.81815	Week 6 up vs Week 2
10582592	NM_009606 // Acta1 // actin, alpha 1, skeletal muscle // 8 E2|8 67.0 cM // 11459	Acta1	5.58502E-07	4.82987	Week 6 up vs Week 2
10343464	---		8.59518E-08	4.83261	Week 6 up vs Week 2
10419854	NM_016972 // Slc7a8 // solute carrier family 7 (cationic amino acid transporter,	Slc7a8	6.26085E-09	4.83365	Week 6 up vs Week 2
10339345	---		3.78264E-09	4.84928	Week 6 up vs Week 2
10462623	NM_008331 // Ifit1 // interferon-induced protein with tetratricopeptide repeats	Ifit1	1.85242E-07	4.8622	Week 6 up vs Week 2
10608263	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	1.23856E-05	4.86479	Week 6 up vs Week 2
10340433	---		7.71822E-10	4.87156	Week 6 up vs Week 2
10343185	---		5.30527E-10	4.87569	Week 6 up vs Week 2
10608583	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0057134	4.88461	Week 6 up vs Week 2
10339033	---		4.6905E-11	4.90497	Week 6 up vs Week 2
10339336	---		7.427E-12	4.931	Week 6 up vs Week 2
10608426	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0053533	4.95099	Week 6 up vs Week 2
10608630	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00379829	4.9586	Week 6 up vs Week 2
10490794	NM_008862 // Pkia // protein kinase inhibitor, alpha // 3 A1 // 18767 /// ENSMUS	Pkia	9.17586E-09	4.96342	Week 6 up vs Week 2
10587107	NM_010864 // Myo5a // myosin VA // 9 D|9 42.0 cM // 17918 /// ENSMUST00000036772	Myo5a	1.47003E-07	4.98767	Week 6 up vs Week 2
10422164	NM_007904 // Ednrb // endothelin receptor type B // 14 E2.3|14 51.0 cM // 13618	Ednrb	5.54835E-07	5.01665	Week 6 up vs Week 2
10338104	---		8.3E-14	5.01764	Week 6 up vs Week 2
10608531	---		0.0025218	5.02344	Week 6 up vs Week 2
10543233	NM_080464 // Ppp1r3a // protein phosphatase 1, regulatory (inhibitor) subunit 3A	Ppp1r3a	0.000013057	5.02403	Week 6 up vs Week 2
10338581	---		1.29473E-08	5.04099	Week 6 up vs Week 2
10407742	NM_033268 // Actn2 // actinin alpha 2 // 13 A1|13 7.0 cM // 11472 /// ENSMUST000	Actn2	3.62601E-06	5.04238	Week 6 up vs Week 2
10341702	---		2.12099E-09	5.04689	Week 6 up vs Week 2
10469255	NM_008859 // Prkcq // protein kinase C, theta // 2 A1|2 2.0 cM // 18761 /// ENSM	Prkcq	3.74045E-10	5.05087	Week 6 up vs Week 2
10608420	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00326394	5.05429	Week 6 up vs Week 2
10608480	XR_030669 // LOC100039147 // similar to spermiogenesis specific transcript on th	LOC100039147	0.00678759	5.07059	Week 6 up vs Week 2
10339998	---		1.02323E-07	5.1112	Week 6 up vs Week 2
10343159	---		1.57194E-07	5.122	Week 6 up vs Week 2
10564646	NM_001109753 // Sv2b // synaptic vesicle glycoprotein 2 b // 7 D1 // 64176 /// N	Sv2b	1.20606E-07	5.16717	Week 6 up vs Week 2
10339563	---		1.94181E-08	5.1823	Week 6 up vs Week 2
10341097	---		1.99252E-09	5.26125	Week 6 up vs Week 2

10338933	---		2.10584E-09	5.26291	Week 6 up vs Week 2
10417933	NM_021508 // Myoz1 // myozenin 1 // 14 A3 // 59011 /// ENSMUST00000090469 // Myo	Myoz1	6.86099E-06	5.31656	Week 6 up vs Week 2
10362428	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.86373E-05	5.33004	Week 6 up vs Week 2
10567366	NM_025989 // Gp2 // glycoprotein 2 (zymogen granule membrane) // 7 F1-F2|7 55.0	Gp2	6.5266E-11	5.36311	Week 6 up vs Week 2
10511631	NM_145947 // Slc26a7 // solute carrier family 26, member 7 // 4 A1 // 208890 ///	Slc26a7	1.6242E-09	5.38008	Week 6 up vs Week 2
10583887	NM_175678 // Npsr1 // neuropeptide S receptor 1 // 9 A3-A4 // 319239 /// ENSMUST	Npsr1	8.34835E-09	5.40483	Week 6 up vs Week 2
10341840	---		8.06707E-10	5.43519	Week 6 up vs Week 2
10339478	---		6.6639E-11	5.4458	Week 6 up vs Week 2
10608488	ENSMUST00000108733 // LOC665128 // similar to spermiogenesis specific transcript	LOC665128	0.00113151	5.45706	Week 6 up vs Week 2
10487588	NM_010554 // Il1a // interleukin 1 alpha // 2 F|2 73.0 cM // 16175 /// ENSMUST00	Il1a	0.000001055	5.46853	Week 6 up vs Week 2
10341416	---		1.96534E-08	5.47223	Week 6 up vs Week 2
10339171	---		1.01861E-06	5.47711	Week 6 up vs Week 2
10384015	NM_018870 // Pgam2 // phosphoglycerate mutase 2 // 11 A1 // 56012 /// ENSMUST000	Pgam2	7.05193E-07	5.52524	Week 6 up vs Week 2
10366163	NM_175328 // Slc6a15 // solute carrier family 6 (neurotransmitter transporter),	Slc6a15	2.35572E-07	5.52602	Week 6 up vs Week 2
10373588	NM_134006 // Rdh5 // retinol dehydrogenase 5 // 10 D3|10 72.0 cM // 19682 /// EN	Rdh5	1.3019E-06	5.54684	Week 6 up vs Week 2
10529977	NM_008904 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	2.08E-13	5.56517	Week 6 up vs Week 2
10608342	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.00167565	5.58892	Week 6 up vs Week 2
10482795	NM_029972 // Ermn // ermin, ERM-like protein // 2 C2|2 // 77767 /// ENSMUST00000	Ermn	2.55519E-08	5.61788	Week 6 up vs Week 2
10343586	---		3.48388E-10	5.62022	Week 6 up vs Week 2
10490913	NM_007606 // Car3 // carbonic anhydrase 3 // 3 A2|3 11.7 cM // 12350 /// ENSMUST	Car3	3.14863E-07	5.63313	Week 6 up vs Week 2
10498978	NM_023624 // Lrat // lecithin-retinol acyltransferase (phosphatidylcholine-retin	Lrat	1.36702E-07	5.70791	Week 6 up vs Week 2
10495712	NM_007378 // Abca4 // ATP-binding cassette, sub-family A (ABC1), member 4 // 3 G	Abca4	2.74461E-07	5.72372	Week 6 up vs Week 2
10608521	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000884295	5.73432	Week 6 up vs Week 2
10472426	NM_001024618 // Xirp2 // xin actin-binding repeat containing 2 // 2 C1.3 // 2414	Xirp2	4.53295E-07	5.7387	Week 6 up vs Week 2
10608460	ENSMUST00000115908 // LOC665698 // similar to spermiogenesis specific transcript	LOC665698	0.000315821	5.76295	Week 6 up vs Week 2
10339056	---		4.26856E-09	5.77565	Week 6 up vs Week 2
10455461	NM_001033621 // Myot // myotilin // 18 B3 // 58916 /// ENSMUST00000025349 // Myo	Myot	2.87825E-06	5.80094	Week 6 up vs Week 2
10341041	---		1.37821E-09	5.80213	Week 6 up vs Week 2
10341314	---		1.93107E-06	5.83376	Week 6 up vs Week 2
10549276	NM_024469 // Bhlhe41 // basic helix-loop-helix family, member e41 // 6 G2-G3|6 7	Bhlhe41	3.7138E-11	5.88498	Week 6 up vs Week 2
10608615	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	4.43164E-05	5.92416	Week 6 up vs Week 2
10338359	---		1.50749E-10	5.94447	Week 6 up vs Week 2
10362420	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.10477E-06	5.9529	Week 6 up vs Week 2
10462435	NM_029993 // Mlana // melan-A // 19 C2|19 24.5 cM // 77836 /// ENSMUST0000002571	Mlana	1.43255E-08	6.00303	Week 6 up vs Week 2
10359689	NM_009721 // Atp1b1 // ATPase, Na+/K+ transporting, beta 1 polypeptide // 1 H2.2	Atp1b1	7.7E-14	6.04487	Week 6 up vs Week 2
10569008	NM_007751 // Cox8b // cytochrome c oxidase, subunit VIIIb // 7 F5|7 68.8 cM // 1	Cox8b	9.52466E-08	6.09216	Week 6 up vs Week 2
10608440			0.00301245	6.10329	Week 6 up vs Week 2
10565422	NM_011661 // Tyr // tyrosinase // 7 D3-E1|7 44.0 cM // 22173 /// ENSMUST00000004	Tyr	2.03661E-06	6.1665	Week 6 up vs Week 2
10405753	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	4.01E-13	6.20192	Week 6 up vs Week 2
10608482	ENSMUST00000115889 // LOC665746 // similar to spermiogenesis specific transcript	LOC665746	0.00134947	6.22615	Week 6 up vs Week 2
10339389	---		1.67E-13	6.28035	Week 6 up vs Week 2
10431872	ENSMUST00000100262 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 //	Slc38a1	4.15E-13	6.31626	Week 6 up vs Week 2
10411235	NM_027711 // Iqgap2 // IQ motif containing GTPase activating protein 2 // 13 D1	Iqgap2	3.55025E-10	6.398	Week 6 up vs Week 2
10419356	NM_144841 // Otx2 // orthodenticle homolog 2 (Drosophila) // 14 C1|14 19.0 cM //	Otx2	3.92249E-09	6.45684	Week 6 up vs Week 2
10538187	NM_053110 // Gpnmb // glycoprotein (transmembrane) nmb // 6 B2.3|6 21.0 cM // 93	Gpnmb	2.0997E-07	6.47892	Week 6 up vs Week 2
10344194	---		7.9874E-11	6.50222	Week 6 up vs Week 2
10608371	ENSMUST00000115943 // LOC665406 // similar to spermiogenesis specific transcript	LOC665406	0.000904002	6.58689	Week 6 up vs Week 2
10608506	L04851 // LOC100039614 // hypothetical protein LOC100039614 // --- // 100039614	LOC100039614	0.00314199	6.59402	Week 6 up vs Week 2
10608361	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.000972184	6.61005	Week 6 up vs Week 2
10377087	NM_030679 // Myh1 // myosin, heavy polypeptide 1, skeletal muscle, adult // 11 B	Myh1	8.22597E-07	6.66924	Week 6 up vs Week 2
10608573	---		0.0018125	6.70809	Week 6 up vs Week 2
10608576	---		0.0018125	6.70809	Week 6 up vs Week 2
10341417	---		3.93599E-09	6.71129	Week 6 up vs Week 2
10608247	ENSMUST00000105540 // LOC100042196 // similar to spermiogenesis specific transcr	LOC100042196	0.00123644	6.73483	Week 6 up vs Week 2
10608222	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00152615	6.79941	Week 6 up vs Week 2
10608321	---		0.00152615	6.79941	Week 6 up vs Week 2
10608448	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00152615	6.79941	Week 6 up vs Week 2
10344270	---		1.022E-12	6.9326	Week 6 up vs Week 2
10608346	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.00272219	7.02519	Week 6 up vs Week 2
10469786	NM_153511 // Il1f9 // interleukin 1 family, member 9 // 2 A3|2 10.25 cM // 21525	Il1f9	4.00866E-10	7.11689	Week 6 up vs Week 2
10475567	NM_175034 // Slc24a5 // solute carrier family 24, member 5 // 2 F1 // 317750 ///	Slc24a5	3.23782E-07	7.1654	Week 6 up vs Week 2
10608350	ENSMUST00000111407 // LOC100039552 // similar to spermiogenesis specific transcr	LOC100039552	0.000752948	7.20118	Week 6 up vs Week 2
10608628	ENSMUST00000106010 // LOC100041704 // similar to spermiogenesis specific transcr	LOC100041704	0.000560713	7.2509	Week 6 up vs Week 2
10608549	L04850 // LOC100042428 // spermiogenesis specific transcript on the Y 2-like //	LOC100042428	0.00217579	7.35176	Week 6 up vs Week 2
10608282	L04848 // LOC434960 // similar to spermiogenesis specific transcript on the Y 2	LOC434960	0.00220253	7.37948	Week 6 up vs Week 2

10608613	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.000939983	7.38415	Week 6 up vs Week 2
10362422	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.9258E-06	7.55539	Week 6 up vs Week 2
10505614	NM_031202 // Tyrp1 // tyrosinase-related protein 1 // 4 C3|4 38.0 cM // 22178 //	Tyrp1	1.38259E-06	7.69642	Week 6 up vs Week 2
10602756	NM_025357 // Smpx // small muscle protein, X-linked // X F4 // 66106 /// ENSMUST	Smpx	1.90944E-05	7.7962	Week 6 up vs Week 2
10608327	BC089467 // LOC100040031 // hypothetical protein LOC100040031 // --- // 10004003	LOC100040031	0.00272169	7.92508	Week 6 up vs Week 2
10339978	---		1.26066E-06	8.00278	Week 6 up vs Week 2
10377055	NM_001039545 // Myh2 // myosin, heavy polypeptide 2, skeletal muscle, adult // 1	Myh2	6.51298E-07	8.03571	Week 6 up vs Week 2
10608277	ENSMUST00000100255 // LOC100041207 // similar to MGC107098 protein // --- // 100	LOC100041207	0.00211013	8.05543	Week 6 up vs Week 2
10608501	ENSMUST00000100255 // LOC100041207 // similar to MGC107098 protein // --- // 100	LOC100041207	0.00211013	8.05543	Week 6 up vs Week 2
10608365	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.0017405	8.17504	Week 6 up vs Week 2
10608368	BC089466 // LOC100041256 // hypothetical protein LOC100041256 // --- // 10004125	LOC100041256	0.00224642	8.19321	Week 6 up vs Week 2
10340141	---		1.46475E-07	8.24766	Week 6 up vs Week 2
10472562	NM_001081087 // Kbtbd10 // kelch repeat and BTB (POZ) domain containing 10 // 2	Kbtbd10	5.60015E-08	8.28325	Week 6 up vs Week 2
10501802	NM_178936 // Tmem56 // transmembrane protein 56 // 3 G3 // 99887 /// ENSMUST0000	Tmem56	7.10204E-10	8.35698	Week 6 up vs Week 2
10360463	NM_176916 // Pld5 // phospholipase D family, member 5 // 1 H4 // 319455 /// ENSM	Pld5	4.55247E-10	8.37695	Week 6 up vs Week 2
10422249	NM_010024 // Dct // dopachrome tautomerase // 14 E4|14 58.0 cM // 13190 /// ENSM	Dct	8.20545E-08	8.48822	Week 6 up vs Week 2
10511363	NM_001002927 // Penk // preproenkephalin // 4 A1|4 0.8 cM // 18619 /// ENSMUST00	Penk	8.77695E-08	8.59115	Week 6 up vs Week 2
10608377	BC049586 // LOC382133 // similar to RIKEN cDNA 1700029H17 // Y C2 // 382133 ///	LOC382133	0.00237852	8.62622	Week 6 up vs Week 2
10340474	---		0.0014509	8.69231	Week 6 up vs Week 2
10480734	NM_008963 // Ptgds // prostaglandin D2 synthase (brain) // 2 A3|2 12.9 cM // 192	Ptgds	3.39966E-09	8.87711	Week 6 up vs Week 2
10523021	NM_018760 // Slc4a4 // solute carrier family 4 (anion exchanger), member 4 // 5	Slc4a4	4.68988E-09	8.91311	Week 6 up vs Week 2
10608452	BC089466 // LOC100041256 // hypothetical protein LOC100041256 // --- // 10004125	LOC100041256	0.00178385	8.91722	Week 6 up vs Week 2
10403229	NM_177290 // Itgb8 // integrin beta 8 // 12 F2 // 320910 /// ENSMUST00000026360	Itgb8	9.34791E-09	8.93667	Week 6 up vs Week 2
10408543	ENSMUST00000057428 // Mylk4 // myosin light chain kinase family, member 4 // 13	Mylk4	6.77979E-07	9.11188	Week 6 up vs Week 2
10360235	NM_009813 // Casq1 // calsequestrin 1 // 1 H3|1 94.0 cM // 12372 /// ENSMUST0000	Casq1	2.96637E-07	9.16678	Week 6 up vs Week 2
10608477	BC089498 // LOC434960 // similar to spermiogenesis specific transcript on the Y	LOC434960	0.00143764	9.25502	Week 6 up vs Week 2
10608373	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00143213	9.27678	Week 6 up vs Week 2
10371627	NM_175418 // Mybpc1 // myosin binding protein C, slow-type // 10 C1 // 109272 //	Mybpc1	2.18456E-07	9.28953	Week 6 up vs Week 2
10608606			0.00213787	9.31571	Week 6 up vs Week 2
10355259	NM_021285 // Myl1 // myosin, light polypeptide 1 // 1 C3|1 34.1 cM // 17901 ///	Myl1	5.87385E-08	9.36547	Week 6 up vs Week 2
10608608	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00129471	9.36968	Week 6 up vs Week 2
10608484	BC089465 // MGC107098 // similar to spermiogenesis specific transcript on the Y	MGC107098	0.00142563	9.63582	Week 6 up vs Week 2
10608339	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00146115	9.70672	Week 6 up vs Week 2
10564726	NM_020599 // Rlbp1 // retinaldehyde binding protein 1 // 7 D3|7 39.0 cM // 19771	Rlbp1	5.69369E-08	9.78106	Week 6 up vs Week 2
10548653	NM_001024705 // Prpmp5 // proline-rich protein MP5 // 6 G1 // 381832 /// ENSMUST	Prpmp5	1.942E-07	9.88832	Week 6 up vs Week 2
10482528	NM_010889 // Neb // nebulin // 2 C1.1|2 30.0 cM // 17996 /// ENSMUST00000075301	Neb	2.31316E-08	9.90687	Week 6 up vs Week 2
10362434	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	4.26658E-08	9.9799	Week 6 up vs Week 2
10608457	BC117086 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 700	Ssty2	0.00137878	10.0753	Week 6 up vs Week 2
10596148	NM_133977 // Trf // transferrin // 9 F1-F3|9 56.0 cM // 22041 /// ENSMUST0000003	Trf	5.90835E-08	10.1663	Week 6 up vs Week 2
10541354	NM_175628 // A2m // alpha-2-macroglobulin // 6 F1|6 61.7 cM // 232345 /// ENSMUS	A2m	1.24E-13	10.2	Week 6 up vs Week 2
10608454	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00127426	10.2883	Week 6 up vs Week 2
10608295	M38248 // LOC100039753 // similar to putative // Y B // 100039753 /// BC089466 /	LOC100039753	0.0011295	10.4068	Week 6 up vs Week 2
10608348	L04852 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70009	Ssty2	0.000640767	11.114	Week 6 up vs Week 2
10356403	NM_001110227 // Kcnj13 // potassium inwardly-rectifying channel, subfamily J, me	Kcnj13	2.27189E-08	11.1287	Week 6 up vs Week 2
10567879	NM_007504 // Atp2a1 // ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	Atp2a1	2.13507E-09	11.2429	Week 6 up vs Week 2
10344204	---		0	11.4141	Week 6 up vs Week 2
10603059	NM_020626 // Tmem27 // transmembrane protein 27 // X F5 // 57394 /// ENSMUST0000	Tmem27	1.89801E-09	11.5963	Week 6 up vs Week 2
10489545	NM_009394 // Tnnc2 // troponin C2, fast // 2 H3 // 21925 /// ENSMUST00000103095	Tnnc2	1.22469E-09	11.9354	Week 6 up vs Week 2
10428619	NM_015744 // Enpp2 // ectonucleotide pyrophosphatase/phosphodiesterase 2 // 15 D	Enpp2	2.4004E-10	12.3459	Week 6 up vs Week 2
10419005	NM_021340 // Rgr // retinal G protein coupled receptor // 14 B // 57811 /// ENSM	Rgr	3.74709E-07	12.8283	Week 6 up vs Week 2
10341571	---		4.9881E-11	13.2181	Week 6 up vs Week 2
10377117	NM_010855 // Myh4 // myosin, heavy polypeptide 4, skeletal muscle // 11 B3|11 35	Myh4	7.27031E-07	14.1073	Week 6 up vs Week 2
10454192	NM_013697 // Ttr // transthyretin // 18 A2|18 7.0 cM // 22139 /// ENSMUST0000007	Ttr	1.70022E-07	15.0598	Week 6 up vs Week 2
10483871	NM_011652 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// NM_028004 // Ttn // titi	Ttn	1.7119E-10	16.2437	Week 6 up vs Week 2
10362436	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	7.12532E-08	16.6414	Week 6 up vs Week 2
10436128	XM_001002743 // Myh15 // myosin, heavy chain 15 // 16 B5 // 667772	Myh15	0.000295923	16.647	Week 6 up vs Week 2
10608107	NM_009484 // Uty // ubiquitously transcribed tetratricopeptide repeat gene, Y ch	Uty	4.34789E-05	19.0581	Week 6 up vs Week 2
10497135	NM_029987 // Rpe65 // retinal pigment epithelium 65 // 3 H4|3 87.6 cM // 19892 /	Rpe65	3.75813E-07	20.5651	Week 6 up vs Week 2
10377018	NM_001099635 // Myh3 // myosin, heavy polypeptide 3, skeletal muscle, embryonic	Myh3	2.02753E-05	20.9986	Week 6 up vs Week 2
10484190	ENSMUST00000099981 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// ENSMUST00000070	Ttn	3.49311E-08	22.7191	Week 6 up vs Week 2
10608138	NM_012008 // Ddx3y // DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked // Y A1	Ddx3y	4.55517E-05	26.7927	Week 6 up vs Week 2
10608001	NM_012011 // Eif2s3y // eukaryotic translation initiation factor 2, subunit 3, s	Eif2s3y	1.78427E-05	42.0802	Week 6 up vs Week 2

Week 6 vs 3 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 6 vs. Week 3)	Fold-Change(Week 6 vs. Week 3)	Fold-Change(Week 6 vs. Week 3) (Description)
10606178	NR_001463 // Xist // inactive X specific transcripts // X D // 213742 /// NR_001	Xist	1.31468E-06	-301.533	Week 6 down vs Week 3
10341175	---		1.12095E-08	-13.6249	Week 6 down vs Week 3
10343030	---		8.1433E-06	-10.4334	Week 6 down vs Week 3
10343794	---		1.363E-12	-9.39021	Week 6 down vs Week 3
10341131	---		1.66602E-07	-9.1468	Week 6 down vs Week 3
10534343	NM_007925 // Eln // elastin // 5 G2|5 75.0 cM // 13717 /// ENSMUST00000015138 //	Eln	5.326E-12	-8.86394	Week 6 down vs Week 3
10339814	---		3.7013E-09	-8.29781	Week 6 down vs Week 3
10338332	---		8.94962E-06	-8.04743	Week 6 down vs Week 3
10343305	---		2.73554E-09	-7.30894	Week 6 down vs Week 3
10377439	NM_001159367 // Per1 // period homolog 1 (Drosophila) // 11 B // 18626 /// NM_01	Per1	5E-15	-6.52366	Week 6 down vs Week 3
10449452	NM_010220 // Fkbp5 // FK506 binding protein 5 // 17 A3.3|17 13.0 cM // 14229 ///	Fkbp5	0	-6.38938	Week 6 down vs Week 3
10342017	---		4.69769E-10	-6.35206	Week 6 down vs Week 3
10341793	---		8.1E-14	-6.22057	Week 6 down vs Week 3
10338153	---		2.1075E-06	-6.17893	Week 6 down vs Week 3
10521537	NM_001081106 // Cytl1 // cytokine-like 1 // 5 B3 // 231162 /// ENSMUST0000007355	Cytl1	6.2487E-11	-6.13897	Week 6 down vs Week 3
10339994	---		1.49761E-06	-6.11911	Week 6 down vs Week 3
10378216	NM_016745 // Atp2a3 // ATPase, Ca++ transporting, ubiquitous // 11 B4 // 53313 /	Atp2a3	2.7257E-11	-6.09679	Week 6 down vs Week 3
10340952	---		3.93649E-07	-6.00888	Week 6 down vs Week 3
10343612	---		2.42824E-09	-5.96678	Week 6 down vs Week 3
10341452	---		8.1383E-08	-5.79888	Week 6 down vs Week 3
10459225	---		5.08586E-09	-5.7678	Week 6 down vs Week 3
10339401	---		7.1309E-11	-5.70378	Week 6 down vs Week 3
10339469	---		1.28335E-08	-5.56764	Week 6 down vs Week 3
10593225	NM_001033324 // Zbtb16 // zinc finger and BTB domain containing 16 // 9 A5.3|9 2	Zbtb16	1.2E-14	-5.49436	Week 6 down vs Week 3
10471486	NM_001146350 // Eng // endoglin // 2 B|2 21.4 cM // 13805 /// NM_007932 // Eng /	Eng	1.75376E-07	-5.29262	Week 6 down vs Week 3
10505779	NM_139306 // Acer2 // alkaline ceramidase 2 // 4 C4 // 230379 /// ENSMUST0000004	Acer2	2.69708E-10	-5.20528	Week 6 down vs Week 3
10342754	---		2.4E-14	-5.20288	Week 6 down vs Week 3
10516481	NM_008120 // Gja4 // gap junction protein, alpha 4 // 4 D2.2|4 57.6 cM // 14612	Gja4	3.8608E-11	-5.11967	Week 6 down vs Week 3
10340643	---		2E-15	-5.11544	Week 6 down vs Week 3
10343686	---		0	-5.1105	Week 6 down vs Week 3
10342305	---		5.32441E-08	-5.09352	Week 6 down vs Week 3
10338272	---		4.5319E-10	-5.04613	Week 6 down vs Week 3
10340817	---		6.08317E-09	-5.01988	Week 6 down vs Week 3
10541910	NM_011708 // Vwf // Von Willebrand factor homolog // 6 F3|6 60.8 cM // 22371 ///	Vwf	4.44663E-07	-4.98062	Week 6 down vs Week 3
10343508	---		3.54253E-08	-4.9612	Week 6 down vs Week 3
10338619	---		4.37087E-09	-4.85293	Week 6 down vs Week 3
10338242	---		2.28429E-08	-4.83061	Week 6 down vs Week 3
10340334	---		1.75287E-07	-4.82366	Week 6 down vs Week 3
10338219	---		9.77422E-10	-4.78111	Week 6 down vs Week 3
10343507	---		8.87532E-09	-4.76138	Week 6 down vs Week 3
10343035	---		4.17E-13	-4.75748	Week 6 down vs Week 3
10470314	---		1.23E-11	-4.74882	Week 6 down vs Week 3
10344284	---		2.1277E-10	-4.74253	Week 6 down vs Week 3
10342969	---		2.206E-12	-4.69906	Week 6 down vs Week 3
10381298	NM_019444 // Ramp2 // receptor (calcitonin) activity modifying protein 2 // 11 D	Ramp2	1.75461E-07	-4.68639	Week 6 down vs Week 3
10343128	---		1.04033E-07	-4.65727	Week 6 down vs Week 3
10398996	NM_024223 // Crip2 // cysteine rich protein 2 // 12 F1|12 58.7 cM // 68337 /// E	Crip2	8.43836E-10	-4.65009	Week 6 down vs Week 3
10340289	---		2.79979E-07	-4.61583	Week 6 down vs Week 3
10467124	NM_007392 // Acta2 // actin, alpha 2, smooth muscle, aorta // 19 C3 // 11475 ///	Acta2	1.07174E-05	-4.58239	Week 6 down vs Week 3
10477920	NM_172118 // Myl9 // myosin, light polypeptide 9, regulatory // 2 H1 // 98932 //	Myl9	6.52894E-06	-4.54012	Week 6 down vs Week 3
10342830	---		2.04837E-09	-4.53772	Week 6 down vs Week 3
10448676	NM_023055 // Slc9a3r2 // solute carrier family 9 (sodium/hydrogen exchanger), me	Slc9a3r2	8.75772E-10	-4.50713	Week 6 down vs Week 3
10338854	---		7.50937E-09	-4.50541	Week 6 down vs Week 3
10342288	---		1.03639E-07	-4.50037	Week 6 down vs Week 3
10341399	---		4.17E-13	-4.48201	Week 6 down vs Week 3
10342919	---		7.11043E-09	-4.47483	Week 6 down vs Week 3
10341756	---		1.60317E-08	-4.45918	Week 6 down vs Week 3
10338833	---		2.71461E-09	-4.43893	Week 6 down vs Week 3
10343251	---		1.3515E-11	-4.43542	Week 6 down vs Week 3
10340999	---		3.74227E-07	-4.43089	Week 6 down vs Week 3
10339022	---		6.34295E-09	-4.4075	Week 6 down vs Week 3
10365003	AF357364 // Snord37 // small nucleolar RNA, C/D box 37 // 10|10 // 100217454	Snord37	9.963E-12	-4.40503	Week 6 down vs Week 3
10342445	---		5.88984E-06	-4.39758	Week 6 down vs Week 3

10339264	---		2.82434E-10	-4.38489	Week 6 down vs Week 3
10343181	---		1.14174E-10	-4.37248	Week 6 down vs Week 3
10341901	---		1.8445E-11	-4.36939	Week 6 down vs Week 3
10342425	---		1.5776E-11	-4.35085	Week 6 down vs Week 3
10344388	---		5.1118E-11	-4.32238	Week 6 down vs Week 3
10342780	---		2.844E-12	-4.28818	Week 6 down vs Week 3
10579525	NM_032398 // Plvap // plasmalemma vesicle associated protein // 8 B3.3|8 33.5 cM	Plvap	5.76087E-07	-4.27632	Week 6 down vs Week 3
10518526	NM_001039554 // Angptl7 // angiopoietin-like 7 // 4 E1 // 654812 /// ENSMUST0000	Angptl7	7.14654E-07	-4.2446	Week 6 down vs Week 3
10341824	---		2.8304E-07	-4.2341	Week 6 down vs Week 3
10501586	NM_007901 // S1pr1 // sphingosine-1-phosphate receptor 1 // 3 G1 // 13609 /// EN	S1pr1	6.64096E-09	-4.23342	Week 6 down vs Week 3
10340258	---		7.61119E-10	-4.22906	Week 6 down vs Week 3
10344101	---		0.000586098	-4.20224	Week 6 down vs Week 3
10343447	---		1.92831E-06	-4.18992	Week 6 down vs Week 3
10381371	NM_009675 // Aoc3 // amine oxidase, copper containing 3 // 11 B2-B5 // 11754 ///	Aoc3	1.17286E-08	-4.18944	Week 6 down vs Week 3
10339884	---		1.05177E-07	-4.18312	Week 6 down vs Week 3
10343290	---		1.2075E-07	-4.17875	Week 6 down vs Week 3
10548879	NM_008597 // Mgp // matrix Gla protein // 6 G1 // 17313 /// ENSMUST00000032342 /	Mgp	1.6546E-07	-4.1658	Week 6 down vs Week 3
10365482	NM_011595 // Timp3 // tissue inhibitor of metalloproteinase 3 // 10 C1|10 C1-D1|	Timp3	0.000001347	-4.12658	Week 6 down vs Week 3
10515771	NM_011587 // Tie1 // tyrosine kinase with immunoglobulin-like and EGF-like domai	Tie1	1.21428E-07	-4.09228	Week 6 down vs Week 3
10343455	---		8.31524E-06	-4.07739	Week 6 down vs Week 3
10343378	---		3.80275E-06	-4.07486	Week 6 down vs Week 3
10338144	---		9E-15	-4.0717	Week 6 down vs Week 3
10340729	---		1.42194E-10	-4.06431	Week 6 down vs Week 3
10344326	---		7.01083E-06	-4.05825	Week 6 down vs Week 3
10339241	---		2.88962E-09	-4.01079	Week 6 down vs Week 3
10339365	---		1.80209E-09	-3.99049	Week 6 down vs Week 3
10413733	NM_001025379 // Sema3g // sema domain, immunoglobulin domain (Ig), short basic d	Sema3g	5.39761E-10	-3.9829	Week 6 down vs Week 3
10338969	---		5.56741E-09	-3.98241	Week 6 down vs Week 3
10427026	NM_019518 // Grasp // GRP1 (general receptor for phosphoinositides 1)-associated	Grasp	4.02784E-10	-3.98096	Week 6 down vs Week 3
10341220	---		4.45491E-05	-3.9778	Week 6 down vs Week 3
10434229	NM_013805 // Cldn5 // claudin 5 // 16 A3|16 11.65 cM // 12741 /// ENSMUST0000004	Cldn5	4.93978E-09	-3.97554	Week 6 down vs Week 3
10338267	---		1.27E-13	-3.9637	Week 6 down vs Week 3
10560329	NM_016868 // Hif3a // hypoxia inducible factor 3, alpha subunit // 7 A2 // 53417	Hif3a	9E-14	-3.91972	Week 6 down vs Week 3
10340530	---		1E-15	-3.90193	Week 6 down vs Week 3
10572432	NM_023627 // Isyna1 // myo-inositol 1-phosphate synthase A1 // 8 B3.3 // 71780 /	Isyna1	4E-15	-3.90181	Week 6 down vs Week 3
10344121	---		0.00011875	-3.89748	Week 6 down vs Week 3
10343937	---		2.21267E-06	-3.88945	Week 6 down vs Week 3
10344425	---		7.42839E-10	-3.88693	Week 6 down vs Week 3
10381096	NM_010517 // Igfbp4 // insulin-like growth factor binding protein 4 // 11 D // 1	Igfbp4	6.70019E-07	-3.88155	Week 6 down vs Week 3
10340051	---		2.07964E-07	-3.87813	Week 6 down vs Week 3
10391066	NM_010663 // Krt17 // keratin 17 // 11 D|11 58.7 cM // 16667 /// ENSMUST00000080	Krt17	3.37778E-06	-3.87462	Week 6 down vs Week 3
10339834	---		5.87816E-06	-3.85987	Week 6 down vs Week 3
10419736	NM_010015 // Dad1 // defender against cell death 1 // 14 C2|14 24.0 cM // 13135	Dad1	4E-15	-3.85812	Week 6 down vs Week 3
10379190	NM_011707 // Vtn // vitronectin // 11 B5|11 45.09 cM // 22370 /// ENSMUST0000001	Vtn	1.32597E-06	-3.84834	Week 6 down vs Week 3
10369290	NM_029083 // Ddit4 // DNA-damage-inducible transcript 4 // 10 B3 // 74747 /// EN	Ddit4	1.586E-12	-3.84597	Week 6 down vs Week 3
10338771	---		6.7451E-08	-3.82037	Week 6 down vs Week 3
10340630	---		1.27E-13	-3.8058	Week 6 down vs Week 3
10582275	NM_011404 // Slc7a5 // solute carrier family 7 (cationic amino acid transporter,	Slc7a5	3.0881E-11	-3.78843	Week 6 down vs Week 3
10489569	NM_011125 // Pltp // phospholipid transfer protein // 2 H3|2 93.0 cM // 18830 //	Pltp	3.15102E-08	-3.78485	Week 6 down vs Week 3
10343895	---		1.23485E-09	-3.7809	Week 6 down vs Week 3
10339475	---		0	-3.77986	Week 6 down vs Week 3
10373113	NM_008447 // Kif5a // kinesin family member 5A // 10 D3|10 70.0 cM // 16572 ///	Kif5a	0.000835011	-3.77057	Week 6 down vs Week 3
10343362	---		2.60822E-07	-3.75896	Week 6 down vs Week 3
10341331	---		3.10008E-07	-3.74566	Week 6 down vs Week 3
10339988	---		1.155E-12	-3.7372	Week 6 down vs Week 3
10516735	NM_023476 // Tinagl1 // tubulointerstitial nephritis antigen-like 1 // 4 D3 // 9	Tinagl1	7.3915E-11	-3.69477	Week 6 down vs Week 3
10464924	NM_029576 // Rab1b // RAB1B, member RAS oncogene family // 19 A // 76308 /// ENS	Rab1b	1.8E-14	-3.69399	Week 6 down vs Week 3
10561212	NM_175641 // Ltbp4 // latent transforming growth factor beta binding protein 4 /	Ltbp4	2.32602E-10	-3.6929	Week 6 down vs Week 3
10471882	NM_172854 // Olfml2a // olfactomedin-like 2A // 2 B // 241327 /// ENSMUST0000005	Olfml2a	1.16974E-09	-3.68903	Week 6 down vs Week 3
10341037	---		0.00416159	-3.68298	Week 6 down vs Week 3
10593123	NM_011526 // Tagln // transgelin // 9 A5.2|9 27.0 cM // 21345 /// ENSMUST0000003	Tagln	1.25274E-05	-3.68188	Week 6 down vs Week 3
10339219	---		1.43458E-06	-3.67053	Week 6 down vs Week 3
10340953	---		2.8016E-06	-3.66969	Week 6 down vs Week 3
10493114	NM_016701 // Nes // nestin // 3 F1|3 42.5 cM // 18008 /// ENSMUST00000090973 //	Nes	9.456E-12	-3.66685	Week 6 down vs Week 3
10342833	---		1.7585E-06	-3.65861	Week 6 down vs Week 3

10340930	---		9.14107E-07	-3.65406	Week 6 down vs Week 3
10391798	NM_010277 // Gfap // glial fibrillary acidic protein // 11 D|11 62.0 cM // 14580	Gfap	0.0044026	-3.6486	Week 6 down vs Week 3
10584317	NM_027102 // Esam // endothelial cell-specific adhesion molecule // 9 B // 69524	Esam	5.95421E-07	-3.64164	Week 6 down vs Week 3
10339282	---		0.000746071	-3.6396	Week 6 down vs Week 3
10340829	---		1.23069E-09	-3.62793	Week 6 down vs Week 3
10341896	---		1.20831E-07	-3.61844	Week 6 down vs Week 3
10341626	---		3.6477E-11	-3.61558	Week 6 down vs Week 3
10338856	---		1.14337E-07	-3.61195	Week 6 down vs Week 3
10520126	NM_008713 // Nos3 // nitric oxide synthase 3, endothelial cell // 5 A3|5 9.0 cM	Nos3	1.57445E-10	-3.60265	Week 6 down vs Week 3
10591630	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	3.2932E-08	-3.59652	Week 6 down vs Week 3
10339649	---		2.95813E-08	-3.59581	Week 6 down vs Week 3
10552824	NM_009101 // Rras // Harvey rat sarcoma oncogene, subgroup R // 7 B4|7 23.0 cM /	Rras	1.498E-12	-3.59063	Week 6 down vs Week 3
10470296	---		3.12018E-07	-3.58105	Week 6 down vs Week 3
10339750	---		9.51821E-06	-3.5775	Week 6 down vs Week 3
10373452	BC132471 // Gm129 // predicted gene 129 // 3 F2.1 // 229599 /// NM_001033302 //	Gm129	3.19998E-10	-3.57185	Week 6 down vs Week 3
10342676	---		9.06928E-07	-3.56986	Week 6 down vs Week 3
10400189	XR_030785 // Gm7172 // predicted gene 7172 // 12 B3 // 636070 /// XR_030785 // G	Gm7172	2.6E-14	-3.56364	Week 6 down vs Week 3
10550332	NM_009201 // Slc1a5 // solute carrier family 1 (neutral amino acid transporter),	Slc1a5	5.58259E-10	-3.55705	Week 6 down vs Week 3
10582376	---		1E-15	-3.5496	Week 6 down vs Week 3
10543791	NM_013723 // Podxl // podocalyxin-like // 6 A3.3|6 10.0 cM // 27205 /// ENSMUST0	Podxl	5.19867E-07	-3.54779	Week 6 down vs Week 3
10341509	---		6.5241E-09	-3.53681	Week 6 down vs Week 3
10432886	NM_008475 // Krt4 // keratin 4 // 15 F3|15 58.84 cM // 16682 /// ENSMUST00000023	Krt4	1.44563E-05	-3.53227	Week 6 down vs Week 3
10341814	---		1.86849E-09	-3.53163	Week 6 down vs Week 3
10343013	---		1.47726E-08	-3.52483	Week 6 down vs Week 3
10340036	---		6.18706E-10	-3.51906	Week 6 down vs Week 3
10343769	---		8.85825E-07	-3.51671	Week 6 down vs Week 3
10338687	---		2.96463E-10	-3.51122	Week 6 down vs Week 3
10339507	---		4.83759E-05	-3.51015	Week 6 down vs Week 3
10339456	---		7.7E-14	-3.5034	Week 6 down vs Week 3
10338865	---		7.2E-14	-3.50203	Week 6 down vs Week 3
10585778	NM_011352 // Sema7a // sema domain, immunoglobulin domain (Ig), and GPI membrane	Sema7a	1.12939E-07	-3.47338	Week 6 down vs Week 3
10342131	---		2.86811E-08	-3.47321	Week 6 down vs Week 3
10343496	---		3.14608E-07	-3.47247	Week 6 down vs Week 3
10339093	---		3E-15	-3.46133	Week 6 down vs Week 3
10441794	NM_030726 // Mrgprh // MAS-related GPR, member H // 17 A1 // 80978 /// ENSMUST00	Mrgprh	1.29456E-08	-3.43337	Week 6 down vs Week 3
10421810	NM_025427 // 1190002H23Rik // RIKEN cDNA 1190002H23 gene // 14 D3 // 66214 /// E	1190002H23Rik	3.8218E-11	-3.43041	Week 6 down vs Week 3
10339164	---		3.26623E-07	-3.42392	Week 6 down vs Week 3
10343912	---		5.9938E-08	-3.40988	Week 6 down vs Week 3
10339712	---		4.42824E-05	-3.40162	Week 6 down vs Week 3
10339733	---		9.39422E-08	-3.40039	Week 6 down vs Week 3
10343450	---		1.55674E-06	-3.39863	Week 6 down vs Week 3
10339388	---		3.51134E-08	-3.3897	Week 6 down vs Week 3
10594948	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00195396	-3.3872	Week 6 down vs Week 3
10343629	---		1.03983E-10	-3.37176	Week 6 down vs Week 3
10490384	NM_001081171 // Lama5 // laminin, alpha 5 // 2 H4|2 106.0 cM // 16776 /// ENSMUS	Lama5	0	-3.37051	Week 6 down vs Week 3
10338426	---		5.79156E-09	-3.36702	Week 6 down vs Week 3
10343018	---		1.34401E-09	-3.36634	Week 6 down vs Week 3
10606989	NM_001077364 // Tsc22d3 // TSC22 domain family, member 3 // X F1 // 14605 /// NM	Tsc22d3	3.65E-13	-3.3522	Week 6 down vs Week 3
10355530	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961	Tns1	1.10954E-09	-3.34703	Week 6 down vs Week 3
10344459	---		7.51805E-08	-3.33122	Week 6 down vs Week 3
10339802	---		2.57587E-07	-3.33039	Week 6 down vs Week 3
10343284	---		3.26393E-09	-3.32717	Week 6 down vs Week 3
10341424	---		1.58905E-05	-3.31846	Week 6 down vs Week 3
10456046	NM_001146268 // Pdgfrb // platelet derived growth factor receptor, beta polypept	Pdgfrb	4.98087E-05	-3.31494	Week 6 down vs Week 3
10408200	NM_175655 // Hist1h4f // histone cluster 1, H4f // --- // 319157	Hist1h4f	1.39378E-06	-3.31031	Week 6 down vs Week 3
10342572	---		2.59668E-09	-3.30371	Week 6 down vs Week 3
10338264	---		3.67426E-06	-3.29687	Week 6 down vs Week 3
10340039	---		3.50678E-07	-3.29677	Week 6 down vs Week 3
10564818	NM_008486 // Anpep // alanyl (membrane) aminopeptidase // 7 D3 // 16790 /// ENSM	Anpep	1.76634E-06	-3.29377	Week 6 down vs Week 3
10344332	---		5.20909E-10	-3.2893	Week 6 down vs Week 3
10391061	NM_008470 // Krt16 // keratin 16 // 11 D // 16666 /// ENSMUST00000007280 // Krt1	Krt16	0.000207748	-3.28827	Week 6 down vs Week 3
10343182	---		2.64E-13	-3.2857	Week 6 down vs Week 3
10339796	---		6.86194E-08	-3.28113	Week 6 down vs Week 3
10342267	---		6.60503E-09	-3.28052	Week 6 down vs Week 3
10348670	NM_181405 // Rnpepl1 // arginyl aminopeptidase (aminopeptidase B)-like 1 // 1 D	Rnpepl1	8E-15	-3.2802	Week 6 down vs Week 3

10449284	NM_013642 // Dusp1 // dual specificity phosphatase 1 // 17 A2-C|17 13.0 cM // 19	Dusp1	8.10859E-07	-3.27287	Week 6 down vs Week 3
10339580	---		0.000389207	-3.27144	Week 6 down vs Week 3
10375058	NM_001083955 // Hba-a2 // hemoglobin alpha, adult chain 2 // 11|11 16.0 cM // 11	Hba-a2	0.000173381	-3.26692	Week 6 down vs Week 3
10341031	---		2.9536E-08	-3.26355	Week 6 down vs Week 3
10569618	NM_178642 // Ano1 // anoctamin 1, calcium activated chloride channel // 7 F5 //	Ano1	3.68509E-08	-3.26308	Week 6 down vs Week 3
10342441	---		1.37005E-05	-3.25449	Week 6 down vs Week 3
10339399	---		8.52966E-07	-3.25077	Week 6 down vs Week 3
10375051	NM_008218 // Hba-a1 // hemoglobin alpha, adult chain 1 // 11 A4|11 16.0 cM // 15	Hba-a1	0.000183454	-3.25019	Week 6 down vs Week 3
10338841	---		3.74245E-08	-3.24682	Week 6 down vs Week 3
10415890	NM_146246 // Rp1l1 // retinitis pigmentosa 1 homolog (human)-like 1 // 14 D1 //	Rp1l1	3.37719E-05	-3.23838	Week 6 down vs Week 3
10339577	---		6.77465E-08	-3.22989	Week 6 down vs Week 3
10498273	NM_008536 // Tm4sf1 // transmembrane 4 superfamily member 1 // 3 D // 17112 ///	Tm4sf1	6.23637E-06	-3.22866	Week 6 down vs Week 3
10339534	---		3.40326E-07	-3.22827	Week 6 down vs Week 3
10342209	---		4.06493E-06	-3.22568	Week 6 down vs Week 3
10341964	---		8.87476E-08	-3.2233	Week 6 down vs Week 3
10338388	---		1.77677E-06	-3.22179	Week 6 down vs Week 3
10381474	NM_025404 // Arl4d // ADP-ribosylation factor-like 4D // 11 D // 80981 /// BC016	Arl4d	1.4489E-09	-3.22029	Week 6 down vs Week 3
10343602	---		1.94117E-08	-3.21471	Week 6 down vs Week 3
10509280	NM_008305 // Hspg2 // perlecan (heparan sulfate proteoglycan 2) // 4 D3|4 71.4 c	Hspg2	1.37546E-07	-3.20921	Week 6 down vs Week 3
10341836	---		2E-15	-3.2029	Week 6 down vs Week 3
10494548	NM_008121 // Gja5 // gap junction membrane channel protein alpha 5 // 3 F2.1|3 4	Gja5	5.24165E-08	-3.19876	Week 6 down vs Week 3
10360090	NM_008911 // Ppox // protoporphyrinogen oxidase // --- // 19044 /// ENSMUST00000	Ppox	4E-15	-3.19631	Week 6 down vs Week 3
10430510	NM_172608 // Tmem184b // transmembrane protein 184b // 15 E1 // 223693 /// ENSMU	Tmem184b	3.9805E-11	-3.19274	Week 6 down vs Week 3
10432746	NM_133357 // Krt75 // keratin 75 // 15 F2|15 58.75 cM // 109052 /// ENSMUST00000	Krt75	1.17281E-06	-3.18723	Week 6 down vs Week 3
10339852	---		0.000187809	-3.18187	Week 6 down vs Week 3
10527012	NM_008494 // Lfng // LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferas	Lfng	8.3E-14	-3.17649	Week 6 down vs Week 3
10340218	---		1.28451E-08	-3.17082	Week 6 down vs Week 3
10366476	NM_029928 // Ptprb // protein tyrosine phosphatase, receptor type, B // 10 D2 //	Ptprb	7.46423E-05	-3.16524	Week 6 down vs Week 3
10519270	NM_021604 // Agrn // agrin // 4 E2|4 80.0 cM // 11603 /// ENSMUST00000075787 //	Agrn	0	-3.16195	Week 6 down vs Week 3
10341765	---		9.16591E-09	-3.16117	Week 6 down vs Week 3
10343059	---		2.50578E-06	-3.15962	Week 6 down vs Week 3
10584674	NM_023061 // Mcam // melanoma cell adhesion molecule // 9 A5.1 // 84004 /// ENSM	Mcam	1.63646E-06	-3.15957	Week 6 down vs Week 3
10387838	NM_145684 // Alox12e // arachidonate lipoxygenase, epidermal // 11 B3|11 40.0 cM	Alox12e	0.003448	-3.15905	Week 6 down vs Week 3
10344492	---		3.45348E-07	-3.15418	Week 6 down vs Week 3
10344525	---		3.96105E-07	-3.15194	Week 6 down vs Week 3
10416522	NM_207652 // Tsc22d1 // TSC22 domain family, member 1 // 14 D3|14 42.0 cM // 218	Tsc22d1	3.65754E-09	-3.14835	Week 6 down vs Week 3
10338950	---		7.51174E-07	-3.14237	Week 6 down vs Week 3
10381962	NM_207624 // Ace // angiotensin I converting enzyme (peptidyl-dipeptidase A) 1 /	Ace	6.86614E-08	-3.14146	Week 6 down vs Week 3
10343511	---		5.37506E-06	-3.13946	Week 6 down vs Week 3
10339667	---		8.137E-11	-3.12574	Week 6 down vs Week 3
10343005	---		1.90704E-05	-3.12501	Week 6 down vs Week 3
10339442	---		8.11216E-07	-3.12045	Week 6 down vs Week 3
10460782	NM_130453 // Gpha2 // glycoprotein hormone alpha 2 // 19 A // 170458 /// ENSMUST	Gpha2	7.11507E-07	-3.11791	Week 6 down vs Week 3
10591614	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	4.98064E-07	-3.11392	Week 6 down vs Week 3
10340854	---		1.88012E-08	-3.11266	Week 6 down vs Week 3
10572800	NM_008452 // Klf2 // Kruppel-like factor 2 (lung) // 8 C1 // 16598 /// ENSMUST00	Klf2	1.61381E-10	-3.10436	Week 6 down vs Week 3
10365069	NM_008844 // Pip5k1c // phosphatidylinositol-4-phosphate 5-kinase, type 1 gamma	Pip5k1c	0	-3.10428	Week 6 down vs Week 3
10404051	NM_175654 // Hist1h4d // histone cluster 1, H4d // --- // 319156	Hist1h4d	6.5084E-11	-3.10068	Week 6 down vs Week 3
10339629	---		7.82992E-09	-3.095	Week 6 down vs Week 3
10608658	---		6.1E-14	-3.09481	Week 6 down vs Week 3
10465150	NM_144868 // Pcnxl3 // pecanex-like 3 (Drosophila) // 19 A // 104401 /// ENSMUST	Pcnxl3	1.76E-13	-3.09323	Week 6 down vs Week 3
10407390	NM_001077363 // Ptbp1 // polypyrimidine tract binding protein 1 // 10 C1|10 43.0	Ptbp1	7.937E-12	-3.09156	Week 6 down vs Week 3
10338217	---		1.00141E-06	-3.09019	Week 6 down vs Week 3
10343645	---		5.49147E-07	-3.08662	Week 6 down vs Week 3
10343803	---		2.8187E-11	-3.08284	Week 6 down vs Week 3
10447317	NM_010137 // Epas1 // endothelial PAS domain protein 1 // 17 E4 // 13819 /// ENS	Epas1	1E-15	-3.07916	Week 6 down vs Week 3
10340532	---		2.86802E-05	-3.0663	Week 6 down vs Week 3
10338744	---		0.000111425	-3.0634	Week 6 down vs Week 3
10341376	---		4.0683E-07	-3.06082	Week 6 down vs Week 3
10574259	NM_018882 // Gpr56 // G protein-coupled receptor 56 // 8 D1|8 45.0 cM // 14766 /	Gpr56	3E-15	-3.05254	Week 6 down vs Week 3
10339437	---		1.20552E-05	-3.04426	Week 6 down vs Week 3
10405179	NM_010101 // S1pr3 // sphingosine-1-phosphate receptor 3 // 13 B1 // 13610 /// E	S1pr3	7.59021E-07	-3.04095	Week 6 down vs Week 3
10515731	FJ998170 // BC059842 // cDNA sequence BC059842 // 4 D2.1 // 230676 /// ENSMUST00	BC059842	1.06E-13	-3.0399	Week 6 down vs Week 3
10403464	NM_001081426 // Dip2c // DIP2 disco-interacting protein 2 homolog C (Drosophila)	Dip2c	1.44091E-09	-3.03864	Week 6 down vs Week 3
10343544	---		2.69016E-10	-3.03805	Week 6 down vs Week 3

10562774	NM_197991 // 2310044H10Rik // RIKEN cDNA 2310044H10 gene // 7 B4 // 69683 /// EN	2310044H10Rik	8E-15	-3.03538	Week 6 down vs Week 3
10343423	---		1.57E-13	-3.03518	Week 6 down vs Week 3
10343188	---		1.00916E-07	-3.03478	Week 6 down vs Week 3
10341288	---		3.10859E-05	-3.03338	Week 6 down vs Week 3
10342996	---		2.86413E-05	-3.02534	Week 6 down vs Week 3
10341117	---		1.60729E-06	-3.02394	Week 6 down vs Week 3
10344161	---		8.96995E-08	-3.02122	Week 6 down vs Week 3
10341197	---		3.63395E-05	-3.01871	Week 6 down vs Week 3
10338306	---		1.98258E-09	-3.01571	Week 6 down vs Week 3
10594971	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.0043931	-3.00559	Week 6 down vs Week 3
10343224	---		0.00271022	-3.00347	Week 6 down vs Week 3
10338644	---		1.19045E-08	-3.00341	Week 6 down vs Week 3
10362201	NM_010217 // Ctgf // connective tissue growth factor // 10 A3-B1|10 17.0 cM // 1	Ctgf	3.40792E-05	-3.00167	Week 6 down vs Week 3
10341664	---		1.18946E-06	-2.99833	Week 6 down vs Week 3
10515716	FJ998170 // BC059842 // cDNA sequence BC059842 // 4 D2.1 // 230676 /// ENSMUST00	BC059842	0	-2.996	Week 6 down vs Week 3
10343009	---		0.00131901	-2.98944	Week 6 down vs Week 3
10342457	---		0.000013976	-2.98934	Week 6 down vs Week 3
10564713	NM_008594 // Mfge8 // milk fat globule-EGF factor 8 protein // 7 D3|7 41.2 cM //	Mfge8	4.07074E-09	-2.98696	Week 6 down vs Week 3
10449775	NM_008716 // Notch3 // Notch gene homolog 3 (Drosophila) // 17 B1|17 20.0 cM //	Notch3	1E-15	-2.98394	Week 6 down vs Week 3
10342843	---		2.10418E-07	-2.98354	Week 6 down vs Week 3
10339732	---		7.40046E-09	-2.9823	Week 6 down vs Week 3
10392056	NM_007805 // Cyb561 // cytochrome b-561 // 11 E1|11 65.0 cM // 13056 /// ENSMUST	Cyb561	2E-14	-2.97947	Week 6 down vs Week 3
10442495	NM_013630 // Pkd1 // polycystic kidney disease 1 homolog // 17 A3.3|17 10.4 cM /	Pkd1	1.0476E-08	-2.9788	Week 6 down vs Week 3
10444352	NM_010929 // Notch4 // Notch gene homolog 4 (Drosophila) // 17 B1|17 18.72 cM //	Notch4	2.5492E-08	-2.97495	Week 6 down vs Week 3
10526363	NM_008898 // Por // P450 (cytochrome) oxidoreductase // 5 G2|5 75.0 cM // 18984	Por	4.43889E-10	-2.96881	Week 6 down vs Week 3
10426999	NM_009612 // Acvrl1 // activin A receptor, type II-like 1 // 15 F3 // 11482 ///	Acvrl1	5.92393E-09	-2.96877	Week 6 down vs Week 3
10343152	---		2.18886E-05	-2.96694	Week 6 down vs Week 3
10339897	---		4.74617E-08	-2.96379	Week 6 down vs Week 3
10338957	---		1.05169E-07	-2.9612	Week 6 down vs Week 3
10368556	NM_013904 // Hey2 // hairy/enhancer-of-split related with YRPW motif 2 // 10 A4	Hey2	3.55761E-08	-2.96104	Week 6 down vs Week 3
10339043	---		3.79025E-05	-2.96009	Week 6 down vs Week 3
10555389	NM_011671 // Ucp2 // uncoupling protein 2 (mitochondrial, proton carrier) // 7 E	Ucp2	1.2204E-11	-2.95812	Week 6 down vs Week 3
10339729	---		1.9E-14	-2.94908	Week 6 down vs Week 3
10404049	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_1782	Hist1h3g	6.08088E-07	-2.94908	Week 6 down vs Week 3
10350136	NM_007791 // Csrp1 // cysteine and glycine-rich protein 1 // 1 E4 // 13007 /// E	Csrp1	3.13679E-09	-2.94882	Week 6 down vs Week 3
10508829	NM_016693 // Map3k6 // mitogen-activated protein kinase kinase kinase 6 // 4 D2.	Map3k6	3.0229E-11	-2.94356	Week 6 down vs Week 3
10494405	NM_178215 // Hist2h3b // histone cluster 2, H3b // 3 F2.1 // 319154 /// NM_01946	Hist2h3b	4.54825E-07	-2.94139	Week 6 down vs Week 3
10342562	---		9.9E-14	-2.93678	Week 6 down vs Week 3
10341095	---		0.00180379	-2.92859	Week 6 down vs Week 3
10591626	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	9.35346E-10	-2.92613	Week 6 down vs Week 3
10341185	---		1.31666E-09	-2.92446	Week 6 down vs Week 3
10342699	---		0.000230787	-2.92334	Week 6 down vs Week 3
10338221	---		5.98E-13	-2.92326	Week 6 down vs Week 3
10391669	NM_026542 // Slc25a39 // solute carrier family 25, member 39 // 11 D|11 60.0 cM	Slc25a39	1.3E-14	-2.92113	Week 6 down vs Week 3
10340015	---		1.76616E-05	-2.91842	Week 6 down vs Week 3
10338484	---		0.000107646	-2.91813	Week 6 down vs Week 3
10370931	NM_021462 // Mknk2 // MAP kinase-interacting serine/threonine kinase 2 // 10 C1	Mknk2	6.877E-11	-2.91492	Week 6 down vs Week 3
10419015	NM_130878 // Pcdh21 // protocadherin 21 // 14 B // 170677 /// ENSMUST00000022337	Pcdh21	0.000500534	-2.91467	Week 6 down vs Week 3
10341828	---		5E-15	-2.91131	Week 6 down vs Week 3
10340483	---		8.7757E-07	-2.9103	Week 6 down vs Week 3
10338106	---		5.60374E-10	-2.90892	Week 6 down vs Week 3
10384223	NM_008343 // Igfbp3 // insulin-like growth factor binding protein 3 // 11 A1|11	Igfbp3	9.23642E-06	-2.90681	Week 6 down vs Week 3
10462091	NM_010638 // Klf9 // Kruppel-like factor 9 // 19 C1 // 16601 /// BC138724 // Klf	Klf9	8.43952E-10	-2.90506	Week 6 down vs Week 3
10339420	---		4.45102E-08	-2.90054	Week 6 down vs Week 3
10391036	NM_008471 // Krt19 // keratin 19 // 11 D|11 58.51 cM // 16669 /// ENSMUST0000000	Krt19	2.38231E-05	-2.89339	Week 6 down vs Week 3
10591634	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	1.846E-12	-2.89133	Week 6 down vs Week 3
10399005	NM_007763 // Crip1 // cysteine-rich protein 1 (intestinal) // 12 F1|12 57.9 cM /	Crip1	2.70748E-08	-2.88259	Week 6 down vs Week 3
10342913	---		1.9E-14	-2.88017	Week 6 down vs Week 3
10338128	---		9.9916E-11	-2.87436	Week 6 down vs Week 3
10343764	---		6.31184E-06	-2.87138	Week 6 down vs Week 3
10343184	---		1.05621E-07	-2.87048	Week 6 down vs Week 3
10557459	NM_011952 // Mapk3 // mitogen-activated protein kinase 3 // 7 F3|7 61.0 cM // 26	Mapk3	2.4E-14	-2.86972	Week 6 down vs Week 3
10342684	---		3.18227E-09	-2.86961	Week 6 down vs Week 3
10521830	NM_026404 // Slc35a4 // solute carrier family 35, member A4 // 18 B3 // 67843 //	Slc35a4	6.3E-14	-2.86243	Week 6 down vs Week 3
10340497	---		4.524E-12	-2.8574	Week 6 down vs Week 3

10339553	---		1.88836E-10	-2.85468	Week 6 down vs Week 3
10355534	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961	Tns1	2.56002E-06	-2.85329	Week 6 down vs Week 3
10588263	NM_033314 // Slco2a1 // solute carrier organic anion transporter family, member	Slco2a1	8.91114E-09	-2.85317	Week 6 down vs Week 3
10339858	---		0.000020265	-2.8483	Week 6 down vs Week 3
10339187	---		0.000080536	-2.84253	Week 6 down vs Week 3
10339097	---		2.90569E-10	-2.83861	Week 6 down vs Week 3
10494402	NM_178216 // Hist2h3c1 // histone cluster 2, H3c1 // 3 F1-F2 // 15077 /// NM_054	Hist2h3c1	2.9062E-07	-2.8356	Week 6 down vs Week 3
10479165	NM_007903 // Edn3 // endothelin 3 // 2 H4|2 104.0 cM // 13616 /// ENSMUST0000002	Edn3	0.000301917	-2.83493	Week 6 down vs Week 3
10341261	---		2.45786E-10	-2.82813	Week 6 down vs Week 3
10355536	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961 /// ENSMUST00000050681	Tns1	9.56202E-06	-2.8269	Week 6 down vs Week 3
10582231	NM_133765 // Fbxo31 // F-box protein 31 // 8 E1 // 76454 /// ENSMUST00000034268	Fbxo31	2.14E-13	-2.82638	Week 6 down vs Week 3
10526508	NM_025562 // Fis1 // fission 1 (mitochondrial outer membrane) homolog (yeast) //	Fis1	0	-2.82592	Week 6 down vs Week 3
10343621	---		9.734E-12	-2.8256	Week 6 down vs Week 3
10344315	---		4.92974E-08	-2.82546	Week 6 down vs Week 3
10341232	---		2.16202E-07	-2.82506	Week 6 down vs Week 3
10340593	---		2.42714E-08	-2.82364	Week 6 down vs Week 3
10343846	---		6.64559E-05	-2.82319	Week 6 down vs Week 3
10416256	NM_021328 // Bin3 // bridging integrator 3 // 14 D2 // 57784 /// ENSMUST00000111	Bin3	0	-2.82006	Week 6 down vs Week 3
10541741	NM_145385 // Mlf2 // myeloid leukemia factor 2 // 6 F2 // 30853 /// ENSMUST00000	Mlf2	6.45E-13	-2.81975	Week 6 down vs Week 3
10343943	---		3.0734E-08	-2.81886	Week 6 down vs Week 3
10338177	---		4.18358E-09	-2.81771	Week 6 down vs Week 3
10344286	---		0.00010331	-2.81748	Week 6 down vs Week 3
10341867	---		7.94839E-10	-2.81532	Week 6 down vs Week 3
10338116	---		7E-15	-2.81129	Week 6 down vs Week 3
10342902	---		3.68041E-07	-2.81068	Week 6 down vs Week 3
10342733	---		1.62297E-05	-2.80952	Week 6 down vs Week 3
10414102	NM_153127 // Mmrn2 // multimerin 2 // 14 B // 105450 /// ENSMUST00000111908 // M	Mmrn2	1.87473E-05	-2.80562	Week 6 down vs Week 3
10340154	---		3.29474E-06	-2.80098	Week 6 down vs Week 3
10550326	NM_198613 // Ap2s1 // adaptor-related protein complex 2, sigma 1 subunit // 7 A2	Ap2s1	4.4E-14	-2.79765	Week 6 down vs Week 3
10339294	---		5.07731E-07	-2.7973	Week 6 down vs Week 3
10343276	---		2.05634E-06	-2.79408	Week 6 down vs Week 3
10401698	AF525300 // 6430527G18Rik // RIKEN cDNA 6430527G18 gene // 12 D2 // 238330 /// B	6430527G18Rik	3E-15	-2.79265	Week 6 down vs Week 3
10340452	---		3.24929E-08	-2.79252	Week 6 down vs Week 3
10404065	NM_013548 // Hist1h3f // histone cluster 1, H3f // 13 A2-A3|13 12.0 cM // 260423	Hist1h3f	1.01278E-06	-2.79008	Week 6 down vs Week 3
10342938	---		6.91909E-10	-2.78613	Week 6 down vs Week 3
10340102	---		1.98579E-05	-2.77648	Week 6 down vs Week 3
10338782	---		0.000769712	-2.77164	Week 6 down vs Week 3
10344523	---		0.00555415	-2.76952	Week 6 down vs Week 3
10373093	NM_030714 // Dtx3 // deltex 3 homolog (Drosophila) // 10 D3 // 80904 /// ENSMUST	Dtx3	2.84285E-07	-2.76739	Week 6 down vs Week 3
10342621	---		1.13907E-06	-2.75662	Week 6 down vs Week 3
10342380	---		4.92327E-06	-2.75276	Week 6 down vs Week 3
10425120	NM_145929 // Gga1 // golgi associated, gamma adaptin ear containing, ARF binding	Gga1	0	-2.74514	Week 6 down vs Week 3
10483199	NM_177074 // Slc38a11 // solute carrier family 38, member 11 // 2 C1.3 // 320106	Slc38a11	1.49388E-06	-2.74297	Week 6 down vs Week 3
10445496	NM_145353 // Yipf3 // Yip1 domain family, member 3 // 17 C|17 24.0 cM // 28064 /	Yipf3	0	-2.74117	Week 6 down vs Week 3
10342102	---		4.71933E-06	-2.73453	Week 6 down vs Week 3
10342920	---		7.84752E-06	-2.73334	Week 6 down vs Week 3
10340163	---		2.5139E-11	-2.73274	Week 6 down vs Week 3
10342894	---		4.00451E-07	-2.73217	Week 6 down vs Week 3
10376950	NM_008885 // Pmp22 // peripheral myelin protein 22 // 11 B3|11 34.45 cM // 18858	Pmp22	5.69228E-06	-2.72895	Week 6 down vs Week 3
10342132	---		2.50327E-08	-2.72649	Week 6 down vs Week 3
10507500	NM_008135 // Slc6a9 // solute carrier family 6 (neurotransmitter transporter, gl	Slc6a9	4.3766E-08	-2.72645	Week 6 down vs Week 3
10338519	---		1.67684E-05	-2.72639	Week 6 down vs Week 3
10393836	NM_133796 // Arhgdia // Rho GDP dissociation inhibitor (GDI) alpha // 11 E2 // 1	Arhgdia	1.1E-14	-2.7236	Week 6 down vs Week 3
10460582	NR_024189 // AI837181 // expressed sequence AI837181 // 19 A // 107242 /// NM_13	AI837181	1.19E-13	-2.72345	Week 6 down vs Week 3
10391103	NM_010593 // Jup // junction plakoglobin // 11 D|11 60.0 cM // 16480 /// ENSMUST	Jup	9.85177E-08	-2.72192	Week 6 down vs Week 3
10338774	---		3.66404E-08	-2.72029	Week 6 down vs Week 3
10341246	---		1.02772E-05	-2.71912	Week 6 down vs Week 3
10566258	ENSMUST00000023934 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.	Hbb-b1	0.00108502	-2.71909	Week 6 down vs Week 3
10555174	NM_001113379 // Lrrc32 // leucine rich repeat containing 32 // 7 E2 // 434215	Lrrc32	4.26832E-08	-2.71902	Week 6 down vs Week 3
10415065	NM_022993 // Lrp10 // low-density lipoprotein receptor-related protein 10 // 14	Lrp10	2E-15	-2.71714	Week 6 down vs Week 3
10343876	---		7.7896E-11	-2.71606	Week 6 down vs Week 3
10566254	NM_008220 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.0 cM // 1	Hbb-b1	0.00102603	-2.70909	Week 6 down vs Week 3
10507594	NM_011400 // Slc2a1 // solute carrier family 2 (facilitated glucose transporter)	Slc2a1	4.01645E-07	-2.70895	Week 6 down vs Week 3
10340294	---		4.42028E-07	-2.70736	Week 6 down vs Week 3
10338277	---		3.65479E-08	-2.70655	Week 6 down vs Week 3

10344132	---		9.15248E-06	-2.70457	Week 6 down vs Week 3
10339192	---		7.79967E-08	-2.70065	Week 6 down vs Week 3
10344080	---		1.72194E-05	-2.6994	Week 6 down vs Week 3
10339060	---		3.19591E-06	-2.69899	Week 6 down vs Week 3
10339077	---		5.94328E-07	-2.69628	Week 6 down vs Week 3
10342995	---		2.68718E-05	-2.69578	Week 6 down vs Week 3
10470283	NM_198724 // Egfl7 // EGF-like domain 7 // 2 B // 353156 /// NM_178444 // Egfl7	Egfl7	6.21977E-05	-2.6954	Week 6 down vs Week 3
10408202	NM_013548 // Hist1h3f // histone cluster 1, H3f // 13 A2-A3|13 12.0 cM // 260423	Hist1h3f	1.10293E-06	-2.69283	Week 6 down vs Week 3
10408239	NM_013548 // Hist1h3f // histone cluster 1, H3f // 13 A2-A3|13 12.0 cM // 260423	Hist1h3f	1.21221E-06	-2.68953	Week 6 down vs Week 3
10523058	NM_181582 // Eif5a // eukaryotic translation initiation factor 5A // 11 B3 // 27	Eif5a	6.55067E-08	-2.6878	Week 6 down vs Week 3
10340387	---		1.06176E-05	-2.6862	Week 6 down vs Week 3
10534718	NM_011639 // Trip6 // thyroid hormone receptor interactor 6 // 5 G2 // 22051 ///	Trip6	1.48E-13	-2.68614	Week 6 down vs Week 3
10341831	---		0.00016688	-2.68537	Week 6 down vs Week 3
10448925	NM_021415 // Cacna1h // calcium channel, voltage-dependent, T type, alpha 1H sub	Cacna1h	6.13677E-10	-2.68515	Week 6 down vs Week 3
10387816	NM_173742 // Rnasek // ribonuclease, RNase K // 11 B3|11 37.0 cM // 52898 /// EN	Rnasek	6.84E-13	-2.68444	Week 6 down vs Week 3
10344527	---		7.88269E-07	-2.6838	Week 6 down vs Week 3
10541753	NM_175696 // C530028O21Rik // RIKEN cDNA C530028O21 gene // 6 F2 // 319352 /// N	C530028O21Rik	4.62873E-10	-2.68341	Week 6 down vs Week 3
10338791	---		3.90267E-05	-2.68331	Week 6 down vs Week 3
10549615	NM_172736 // Leng8 // leukocyte receptor cluster (LRC) member 8 // 7 A1 // 23279	Leng8	2.9762E-10	-2.68323	Week 6 down vs Week 3
10470027	NM_008721 // Npdc1 // neural proliferation, differentiation and control gene 1 /	Npdc1	4.4779E-11	-2.68248	Week 6 down vs Week 3
10558948	NM_009842 // Cd151 // CD151 antigen // 7 F5|7 23.5 cM // 12476 /// NM_001111050	Cd151	9.53E-13	-2.68232	Week 6 down vs Week 3
10342586	---		7.84858E-06	-2.68063	Week 6 down vs Week 3
10370665	NM_198107 // Med16 // mediator complex subunit 16 // 10 C1 // 216154 /// ENSMUST	Med16	2E-15	-2.67945	Week 6 down vs Week 3
10574023	NM_008630 // Mt2 // metallothionein 2 // 8 C5|8 45.0 cM // 17750 /// ENSMUST0000	Mt2	1.0083E-06	-2.67808	Week 6 down vs Week 3
10339692	---		5.23991E-07	-2.67335	Week 6 down vs Week 3
10424676	NM_008529 // Ly6e // lymphocyte antigen 6 complex, locus E // 15 D3|15 41.7 cM /	Ly6e	9.41896E-07	-2.67248	Week 6 down vs Week 3
10342811	---		5.90924E-06	-2.66806	Week 6 down vs Week 3
10431486	NM_001081030 // Sbf1 // SET binding factor 1 // 15 F1 // 77980 /// ENSMUST000001	Sbf1	0	-2.66493	Week 6 down vs Week 3
10340333	---		0.000066697	-2.66487	Week 6 down vs Week 3
10338789	---		1.362E-12	-2.6626	Week 6 down vs Week 3
10338114	---		0.000517762	-2.66103	Week 6 down vs Week 3
10580286	NM_145388 // Best2 // bestrophin 2 // 8 C3 // 212989 /// NM_001130194 // Best2 /	Best2	8.59505E-05	-2.65953	Week 6 down vs Week 3
10444719	NM_057171 // Bat3 // HLA-B-associated transcript 3 // 17 B1|17 19.03 cM // 22472	Bat3	0	-2.64986	Week 6 down vs Week 3
10540122	NM_009320 // Slc6a6 // solute carrier family 6 (neurotransmitter transporter, ta	Slc6a6	3.77861E-10	-2.64832	Week 6 down vs Week 3
10338525	---		2.62955E-07	-2.6475	Week 6 down vs Week 3
10343019	---		1.03E-12	-2.6472	Week 6 down vs Week 3
10340065	---		1.30709E-06	-2.64447	Week 6 down vs Week 3
10605256	NM_010227 // Flna // filamin, alpha // X A7.3 // 192176 /// ENSMUST00000114299 /	Flna	9.50115E-08	-2.64429	Week 6 down vs Week 3
10560174	NM_009156 // Sepw1 // selenoprotein W, muscle 1 // 7 A2 // 20364 /// ENSMUST0000	Sepw1	1.53284E-08	-2.64169	Week 6 down vs Week 3
10436694	NM_007475 // Rplp0 // ribosomal protein, large, P0 // 5 F // 11837 /// ENSMUST00	Rplp0	1.205E-12	-2.64164	Week 6 down vs Week 3
10339280	---		9.30668E-07	-2.63907	Week 6 down vs Week 3
10433114	NM_010577 // Itga5 // integrin alpha 5 (fibronectin receptor alpha) // 15 F3|15	Itga5	5.48256E-09	-2.63884	Week 6 down vs Week 3
10509901	NM_008546 // Mfap2 // microfibrillar-associated protein 2 // 4 D3-E1 // 17150 //	Mfap2	5.97349E-07	-2.63837	Week 6 down vs Week 3
10344465	---		0.000153158	-2.63756	Week 6 down vs Week 3
10542575	NM_018779 // Pde3a // phosphodiesterase 3A, cGMP inhibited // 6 G1 // 54611 ///	Pde3a	3.22634E-05	-2.63714	Week 6 down vs Week 3
10582811	BC048951 // Irf2bp2 // interferon regulatory factor 2 binding protein 2 // 8 E2	Irf2bp2	3.31E-13	-2.63575	Week 6 down vs Week 3
10343442	---		2.20295E-06	-2.63543	Week 6 down vs Week 3
10341786	---		2.332E-12	-2.63469	Week 6 down vs Week 3
10561063	NM_007533 // Bckdha // branched chain ketoacid dehydrogenase E1, alpha polypepti	Bckdha	6.19E-12	-2.63027	Week 6 down vs Week 3
10344519	---		1.09732E-09	-2.62659	Week 6 down vs Week 3
10340704	---		1.72183E-06	-2.62471	Week 6 down vs Week 3
10427095	NM_153533 // Tenc1 // tensin like C1 domain-containing phosphatase // 15 F3|15 5	Tenc1	1.40293E-07	-2.62308	Week 6 down vs Week 3
10340206	---		1.0473E-07	-2.62304	Week 6 down vs Week 3
10437885	NM_013607 // Myh11 // myosin, heavy polypeptide 11, smooth muscle // 16 A1|16 5.	Myh11	0.00151721	-2.62295	Week 6 down vs Week 3
10579347	NM_023065 // Ifi30 // interferon gamma inducible protein 30 // 8 B3.3 // 65972 /	Ifi30	8.7026E-11	-2.61882	Week 6 down vs Week 3
10338249	---		9.85195E-08	-2.61398	Week 6 down vs Week 3
10341684	---		9.53943E-07	-2.60894	Week 6 down vs Week 3
10342992	---		1.35E-13	-2.59863	Week 6 down vs Week 3
10342466	---		1.3222E-11	-2.59805	Week 6 down vs Week 3
10341430	---		2.86463E-05	-2.59562	Week 6 down vs Week 3
10391013	NM_010662 // Krt13 // keratin 13 // 11 D|11 58.49 cM // 16663 /// ENSMUST0000000	Krt13	0.000083006	-2.59549	Week 6 down vs Week 3
10510700	NM_178406 // Gpr153 // G protein-coupled receptor 153 // 4 E2 // 100129 /// ENSM	Gpr153	2.4218E-09	-2.59535	Week 6 down vs Week 3
10459227	---		1.0876E-07	-2.59231	Week 6 down vs Week 3
10339491	---		0.00131815	-2.59085	Week 6 down vs Week 3
10339457	---		3.25796E-05	-2.59004	Week 6 down vs Week 3

10343441	---		4.47523E-08	-2.58974	Week 6 down vs Week 3
10401607	NM_008827 // Pgf // placental growth factor // 12 D|12 39.0 cM // 18654 /// ENSM	Pgf	3.49041E-05	-2.58934	Week 6 down vs Week 3
10340537	---		5.751E-12	-2.5864	Week 6 down vs Week 3
10574220	NM_009142 // Cx3cl1 // chemokine (C-X3-C motif) ligand 1 // 8 C5|8 46.0 cM // 20	Cx3cl1	0	-2.58364	Week 6 down vs Week 3
10439483	NM_020260 // Cdgap // CDC42 GTPase-activating protein // 16 B4 // 12549 /// ENSM	Cdgap	1.53028E-05	-2.58229	Week 6 down vs Week 3
10408083	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_0135	Hist1h3g	2.09663E-06	-2.58199	Week 6 down vs Week 3
10452257	NM_025877 // Slc25a23 // solute carrier family 25 (mitochondrial carrier; phosph	Slc25a23	5.7482E-11	-2.58031	Week 6 down vs Week 3
10343130	---		4.00525E-07	-2.57935	Week 6 down vs Week 3
10340091	---		7.12471E-06	-2.57911	Week 6 down vs Week 3
10580033	NM_011925 // Cd97 // CD97 antigen // 8 C2|8 38.0 cM // 26364 /// ENSMUST00000075	Cd97	9.71258E-06	-2.57801	Week 6 down vs Week 3
10572408	NM_001111066 // Fkbp8 // FK506 binding protein 8 // 8 C1 // 14232 /// NM_010223	Fkbp8	0	-2.57786	Week 6 down vs Week 3
10530841	NM_001159518 // Igfbp7 // insulin-like growth factor binding protein 7 // 5 C3.3	Igfbp7	6.71767E-05	-2.57569	Week 6 down vs Week 3
10343835	---		3.23602E-07	-2.57475	Week 6 down vs Week 3
10569335	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	0.000450288	-2.57398	Week 6 down vs Week 3
10403941	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_0135	Hist1h3g	2.88235E-06	-2.57252	Week 6 down vs Week 3
10341377	---		6.33317E-05	-2.57154	Week 6 down vs Week 3
10451551	NM_008189 // Guca1a // guanylate cyclase activator 1a (retina) // 17 D // 14913	Guca1a	0.000457224	-2.57024	Week 6 down vs Week 3
10339621	---		7.18124E-05	-2.56826	Week 6 down vs Week 3
10339561	---		1.78142E-07	-2.56606	Week 6 down vs Week 3
10563112	NR_001277 // Snord33 // small nucleolar RNA, C/D box 33 // 7 B4 // 27208	Snord33	1.3246E-07	-2.56506	Week 6 down vs Week 3
10509441	NM_199307 // Ece1 // endothelin converting enzyme 1 // 4 D3 // 230857 /// ENSMUS	Ece1	1.53587E-10	-2.56439	Week 6 down vs Week 3
10340114	---		5.12258E-07	-2.56368	Week 6 down vs Week 3
10378240	NM_008771 // P2rx1 // purinergic receptor P2X, ligand-gated ion channel, 1 // 11	P2rx1	2.22149E-08	-2.56131	Week 6 down vs Week 3
10342582	---		4.66829E-07	-2.56079	Week 6 down vs Week 3
10340580	---		0.000585972	-2.5586	Week 6 down vs Week 3
10426544	NM_026353 // Slc48a1 // solute carrier family 48 (heme transporter), member 1 //	Slc48a1	1.2191E-11	-2.55859	Week 6 down vs Week 3
10339786	---		2.6114E-11	-2.55834	Week 6 down vs Week 3
10499560	NM_001037722 // Adam15 // a disintegrin and metallopeptidase domain 15 (metargid	Adam15	0	-2.55522	Week 6 down vs Week 3
10383289	NM_130862 // Baiap2 // brain-specific angiogenesis inhibitor 1-associated protei	Baiap2	2.57E-08	-2.55291	Week 6 down vs Week 3
10341854	---		8.34674E-07	-2.55241	Week 6 down vs Week 3
10339091	---		7.54706E-05	-2.55024	Week 6 down vs Week 3
10542093	NM_021717 // Nrip2 // nuclear receptor interacting protein 2 // 6 F3 // 60345 //	Nrip2	1.19004E-09	-2.54876	Week 6 down vs Week 3
10391831	NM_026551 // Dcakd // dephospho-CoA kinase domain containing // 11 E1 // 68087 /	Dcakd	1.158E-12	-2.54815	Week 6 down vs Week 3
10568332	NM_133351 // Prss8 // protease, serine, 8 (prostasin) // 7 F3 // 76560 /// ENSMU	Prss8	4.31366E-05	-2.54711	Week 6 down vs Week 3
10341780	---		1.58156E-05	-2.54677	Week 6 down vs Week 3
10341245	---		1.95829E-07	-2.54575	Week 6 down vs Week 3
10340271	---		6.33894E-07	-2.54428	Week 6 down vs Week 3
10454514	NM_144862 // Lims2 // LIM and senescent cell antigen like domains 2 // 18 B1 //	Lims2	1.92757E-06	-2.54421	Week 6 down vs Week 3
10438272	NM_011172 // Prodh // proline dehydrogenase // 16 A3|16 10.73 cM // 19125 /// EN	Prodh	5.535E-12	-2.54356	Week 6 down vs Week 3
10339358	---		2.04969E-07	-2.54066	Week 6 down vs Week 3
10509930	NM_172518 // Fbxo42 // F-box protein 42 // 4 D3 // 213499 /// ENSMUST00000030757	Fbxo42	1E-15	-2.54	Week 6 down vs Week 3
10589654	NM_001146059 // Als2cl // ALS2 C-terminal like // 9 F3|9 64.01 cM // 235633 ///	Als2cl	1.9206E-11	-2.53965	Week 6 down vs Week 3
10435266	NM_175256 // Heg1 // HEG homolog 1 (zebrafish) // 16 B3 // 77446 /// ENSMUST0000	Heg1	2.57371E-08	-2.53938	Week 6 down vs Week 3
10558840	NM_025886 // Rassf7 // Ras association (RalGDS/AF-6) domain family (N-terminal)	Rassf7	0.000029927	-2.53896	Week 6 down vs Week 3
10344112	---		6.03832E-05	-2.5369	Week 6 down vs Week 3
10471216	NM_011836 // Lamc3 // laminin gamma 3 // 2 B // 23928 /// ENSMUST00000028187 //	Lamc3	1.07858E-05	-2.53589	Week 6 down vs Week 3
10381154	NM_009923 // Cnp // 2',3'-cyclic nucleotide 3' phosphodiesterase // 11 D|11 60.0	Cnp	0.000210987	-2.53514	Week 6 down vs Week 3
10460765	NM_025605 // 2400001E08Rik // RIKEN cDNA 2400001E08 gene // 7 F1 // 66508 /// EN	2400001E08Rik	1.6384E-11	-2.53507	Week 6 down vs Week 3
10540085	NM_007992 // Fbln2 // fibulin 2 // 6 D|6 37.2 cM // 14115 /// NM_001081437 // Fb	Fbln2	9.7695E-07	-2.535	Week 6 down vs Week 3
10460317	NM_008851 // Pitpnm1 // phosphatidylinositol transfer protein, membrane-associat	Pitpnm1	0.00013022	-2.53409	Week 6 down vs Week 3
10378870	NM_001004144 // Git1 // G protein-coupled receptor kinase-interactor 1 // 11 B5	Git1	4E-14	-2.53292	Week 6 down vs Week 3
10344221	---		0.00190411	-2.53173	Week 6 down vs Week 3
10429568	NM_010741 // Ly6c1 // lymphocyte antigen 6 complex, locus C1 // 15 D3|15 42.7 cM	Ly6c1	1.22855E-06	-2.5295	Week 6 down vs Week 3
10339815	---		2.48952E-06	-2.52873	Week 6 down vs Week 3
10561927	NM_007467 // Aplp1 // amyloid beta (A4) precursor-like protein 1 // 7 B1|7 8.0 c	Aplp1	7.7508E-06	-2.52822	Week 6 down vs Week 3
10555235	NM_177231 // Arrb1 // arrestin, beta 1 // 7 E2|7 50.0 cM // 109689 /// NM_178220	Arrb1	1.28179E-10	-2.52693	Week 6 down vs Week 3
10582303	NM_007806 // Cyba // cytochrome b-245, alpha polypeptide // --- // 13057 /// ENS	Cyba	1.14295E-08	-2.52682	Week 6 down vs Week 3
10344125	---		3.42499E-10	-2.52559	Week 6 down vs Week 3
10564290	NM_021366 // Klf13 // Kruppel-like factor 13 // 7 C // 50794 /// ENSMUST00000063	Klf13	3.168E-12	-2.52179	Week 6 down vs Week 3
10373407	NM_011843 // Esyt1 // extended synaptotagmin-like protein 1 // 10 D3 // 23943 //	Esyt1	1.92163E-08	-2.52003	Week 6 down vs Week 3
10444028	NM_030697 // Kank3 // KN motif and ankyrin repeat domains 3 // 17 B1 // 80880 //	Kank3	1.97539E-07	-2.51974	Week 6 down vs Week 3
10431170	NM_001033273 // 5031439G07Rik // RIKEN cDNA 5031439G07 gene // 15 E2 // 223739 /	5031439G07Rik	2.22339E-10	-2.51786	Week 6 down vs Week 3
10477777	NM_025516 // Ergic3 // ERGIC and golgi 3 // 2 H2|2 92.0 cM // 66366 /// ENSMUST0	Ergic3	7E-15	-2.5171	Week 6 down vs Week 3
10507539	NM_019422 // Elovl1 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl1	4.95539E-10	-2.51638	Week 6 down vs Week 3
10402808	NM_010588 // Jag2 // jagged 2 // 12 F1|12 57.9 cM // 16450 /// ENSMUST0000007582	Jag2	3.323E-12	-2.51041	Week 6 down vs Week 3

10338319	---		1.09999E-06	-2.50914	Week 6 down vs Week 3
10393936	NM_007621 // Cbr2 // carbonyl reductase 2 // 11 E2|11 72.5 cM // 12409 /// ENSMU	Cbr2	8.38442E-05	-2.50907	Week 6 down vs Week 3
10370983	NM_023900 // Plekhj1 // pleckstrin homology domain containing, family J member 1	Plekhj1	4E-15	-2.50817	Week 6 down vs Week 3
10343590	---		6.76971E-10	-2.50772	Week 6 down vs Week 3
10559673	NM_029384 // 2210411K11Rik // RIKEN cDNA 2210411K11 gene // 7 A1 // 664968 /// E	2210411K11Rik	3.68E-12	-2.50537	Week 6 down vs Week 3
10442155	NM_016891 // Ppp2r1a // protein phosphatase 2 (formerly 2A), regulatory subunit	Ppp2r1a	1.28E-13	-2.50428	Week 6 down vs Week 3
10408928	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	3.02322E-06	-2.5032	Week 6 down vs Week 3
10449163	NM_011822 // Pigq // phosphatidylinositol glycan anchor biosynthesis, class Q //	Pigq	9.8E-14	-2.50187	Week 6 down vs Week 3
10405935	NM_007475 // Rplp0 // ribosomal protein, large, P0 // 5 F // 11837 /// ENSMUST00	Rplp0	2.59E-12	-2.50013	Week 6 down vs Week 3
10553042	NM_028544 // Rasip1 // Ras interacting protein 1 // 7 B2 // 69903 /// ENSMUST000	Rasip1	1.26146E-06	-2.49965	Week 6 down vs Week 3
10517213	NM_001081047 // Cnksr1 // connector enhancer of kinase suppressor of Ras 1 // 4	Cnksr1	5.41529E-07	-2.4994	Week 6 down vs Week 3
10501222	NM_008183 // Gstm2 // glutathione S-transferase, mu 2 // 3 F2.3 // 14863 /// ENS	Gstm2	1.196E-12	-2.49893	Week 6 down vs Week 3
10340086	---		5.05393E-08	-2.49772	Week 6 down vs Week 3
10490731	NM_009236 // Sox18 // SRY-box containing gene 18 // 2 H4|2 96.0 cM // 20672 ///	Sox18	2.15672E-08	-2.49571	Week 6 down vs Week 3
10408246	NM_013550 // Hist1h3a // histone cluster 1, H3a // 13 A2-A3 // 360198 /// NM_145	Hist1h3a	1.62349E-06	-2.49565	Week 6 down vs Week 3
10418506	NM_138672 // Stab1 // stabilin 1 // 14 B // 192187 /// ENSMUST00000036618 // Sta	Stab1	4.26071E-07	-2.49526	Week 6 down vs Week 3
10340668	---		4.70471E-07	-2.49489	Week 6 down vs Week 3
10591628	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	5.42577E-07	-2.49436	Week 6 down vs Week 3
10341233	---		3.1348E-08	-2.49404	Week 6 down vs Week 3
10564960	NM_011046 // Furin // furin (paired basic amino acid cleaving enzyme) // 7 D1-E2	Furin	4.674E-12	-2.49344	Week 6 down vs Week 3
10344122	---		0.00105056	-2.49104	Week 6 down vs Week 3
10471535	NM_146119 // Fam129b // family with sequence similarity 129, member B // 2 B //	Fam129b	1.37748E-06	-2.48772	Week 6 down vs Week 3
10547100	NM_026376 // Plxnd1 // plexin D1 // 6 E3 // 67784 /// ENSMUST00000015511 // Plxn	Plxnd1	5.97636E-05	-2.4846	Week 6 down vs Week 3
10560168	NM_007770 // Crx // cone-rod homeobox containing gene // 7 A2|7 8.5 cM // 12951	Crx	0.00685549	-2.48351	Week 6 down vs Week 3
10338295	---		1.342E-08	-2.4823	Week 6 down vs Week 3
10550237	NM_025898 // Napa // N-ethylmaleimide sensitive fusion protein attachment protei	Napa	2.3E-14	-2.47782	Week 6 down vs Week 3
10339945	---		0.000036222	-2.4774	Week 6 down vs Week 3
10482119	---		6.2395E-11	-2.47659	Week 6 down vs Week 3
10343277	---		2.06512E-06	-2.47596	Week 6 down vs Week 3
10552622	BC059896 // 2410002F23Rik // RIKEN cDNA 2410002F23 gene // 7 B3 // 66976 /// BC0	2410002F23Rik	6.27E-13	-2.47592	Week 6 down vs Week 3
10475890	NM_008587 // Mertk // c-mer proto-oncogene tyrosine kinase // 2 F1 // 17289 ///	Mertk	5.04989E-06	-2.47494	Week 6 down vs Week 3
10344513	---		0.000302372	-2.47408	Week 6 down vs Week 3
10588505	NM_029631 // Abhd14b // abhydrolase domain containing 14b // 9 F1 // 76491 /// E	Abhd14b	1.14203E-06	-2.47346	Week 6 down vs Week 3
10338815	---		2.21276E-09	-2.47124	Week 6 down vs Week 3
10338736	---		8.66658E-05	-2.47086	Week 6 down vs Week 3
10338181	---		0.000525023	-2.47006	Week 6 down vs Week 3
10340623	---		2.75736E-05	-2.46761	Week 6 down vs Week 3
10340155	---		5.83243E-05	-2.4674	Week 6 down vs Week 3
10385699	NM_025346 // Rmnd5b // required for meiotic nuclear division 5 homolog B (S. cer	Rmnd5b	1.4E-13	-2.46646	Week 6 down vs Week 3
10338654	---		6.40508E-09	-2.46599	Week 6 down vs Week 3
10480714	NM_001033293 // Uap1l1 // UDP-N-acteylglucosamine pyrophosphorylase 1-like 1 //	Uap1l1	1.72549E-08	-2.46579	Week 6 down vs Week 3
10526656	NM_146164 // Lrch4 // leucine-rich repeats and calponin homology (CH) domain con	Lrch4	5E-13	-2.46493	Week 6 down vs Week 3
10560911	NM_010261 // Rabac1 // Rab acceptor 1 (prenylated) // 7 A3 // 14470 /// ENSMUST0	Rabac1	3.8702E-11	-2.46483	Week 6 down vs Week 3
10338981	---		1.98543E-05	-2.46292	Week 6 down vs Week 3
10524588	NM_026718 // Ankrd13a // ankyrin repeat domain 13a // 5 F // 68420 /// ENSMUST00	Ankrd13a	4.0934E-11	-2.46281	Week 6 down vs Week 3
10463457	NM_145503 // Lzts2 // leucine zipper, putative tumor suppressor 2 // 19 C3 // 22	Lzts2	1.5E-14	-2.45986	Week 6 down vs Week 3
10583788	NM_008925 // Prkcsh // protein kinase C substrate 80K-H // 9 A3|9 6.0 cM // 1908	Prkcsh	4.983E-12	-2.45802	Week 6 down vs Week 3
10445268	NM_001081178 // Gpr116 // G protein-coupled receptor 116 // 17 B3 // 224792 ///	Gpr116	0.000908932	-2.45592	Week 6 down vs Week 3
10341553	---		1.55125E-07	-2.45578	Week 6 down vs Week 3
10404028	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_0135	Hist1h3g	2.71356E-06	-2.45453	Week 6 down vs Week 3
10533929	NM_016741 // Scarb1 // scavenger receptor class B, member 1 // 5 G1.1|5 68.0 cM	Scarb1	1.99644E-08	-2.45368	Week 6 down vs Week 3
10342508	---		6.06948E-05	-2.45131	Week 6 down vs Week 3
10549653	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	1.60834E-10	-2.44838	Week 6 down vs Week 3
10417912	NM_030180 // Usp54 // ubiquitin specific peptidase 54 // 14 A3 // 78787 /// ENSM	Usp54	7.5E-14	-2.44818	Week 6 down vs Week 3
10579812	NM_010332 // Ednra // endothelin receptor type A // --- // 13617 /// ENSMUST0000	Ednra	8.30544E-05	-2.44814	Week 6 down vs Week 3
10369932	NM_027890 // Susd2 // sushi domain containing 2 // 10 B5.3 // 71733 /// ENSMUST0	Susd2	1.86177E-09	-2.44669	Week 6 down vs Week 3
10505954	NM_013690 // Tek // endothelial-specific receptor tyrosine kinase // 4 C5|4 43.6	Tek	0.000759278	-2.44445	Week 6 down vs Week 3
10583676	NM_021531 // Carm1 // coactivator-associated arginine methyltransferase 1 // ---	Carm1	9.0242E-11	-2.44328	Week 6 down vs Week 3
10493203	NM_020003 // 0610031J06Rik // RIKEN cDNA 0610031J06 gene // 3 F1 // 56700 /// EN	0610031J06Rik	4.3386E-11	-2.44299	Week 6 down vs Week 3
10529305	NM_026698 // Tmem129 // transmembrane protein 129 // 5 B2 // 68366 /// ENSMUST00	Tmem129	1.11E-13	-2.4427	Week 6 down vs Week 3
10381122	NM_010221 // Fkbp10 // FK506 binding protein 10 // 11 D|11 58.0 cM // 14230 ///	Fkbp10	1.42533E-06	-2.44254	Week 6 down vs Week 3
10420114	NM_001161715 // Tgm1 // transglutaminase 1, K polypeptide // 14 C1 // 21816 ///	Tgm1	7.58459E-05	-2.4384	Week 6 down vs Week 3
10560655	NM_020486 // Bcam // basal cell adhesion molecule // 7 A3 // 57278 /// ENSMUST00	Bcam	1.499E-12	-2.43689	Week 6 down vs Week 3
10440513	NM_144853 // Cyyr1 // cysteine and tyrosine-rich protein 1 // 16 C3.3|16 56.2 cM	Cyyr1	4.08506E-05	-2.4335	Week 6 down vs Week 3
10569273	NM_028308 // 2700078K21Rik // RIKEN cDNA 2700078K21 gene // 7 F5 // 101513 /// E	2700078K21Rik	5.538E-12	-2.43343	Week 6 down vs Week 3

10339246	---		1.97606E-05	-2.43334	Week 6 down vs Week 3
10341148	---		0.000275206	-2.43165	Week 6 down vs Week 3
10594963	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.018732	-2.43143	Week 6 down vs Week 3
10521111	NM_008010 // Fgfr3 // fibroblast growth factor receptor 3 // 5 B|5 20.0 cM // 14	Fgfr3	3.12597E-09	-2.4306	Week 6 down vs Week 3
10338387	---		0.000161897	-2.43005	Week 6 down vs Week 3
10561461	NM_175021 // Samd4b // sterile alpha motif domain containing 4B // 7 A3 // 23303	Samd4b	8.8E-14	-2.42769	Week 6 down vs Week 3
10402211	NM_011812 // Fbln5 // fibulin 5 // 12 F1 // 23876 /// ENSMUST00000021603 // Fbln	Fbln5	1.65403E-05	-2.42659	Week 6 down vs Week 3
10588509	NM_021567 // Pcbp4 // poly(rC) binding protein 4 // 9 F1-F2 // 59092 /// ENSMUST	Pcbp4	8.54216E-06	-2.42403	Week 6 down vs Week 3
10342315	---		6.09893E-06	-2.42347	Week 6 down vs Week 3
10341449	---		3.05323E-05	-2.4222	Week 6 down vs Week 3
10592058	NM_011654 // Tuba1b // tubulin, alpha 1B // 15 F1 // 22143 /// ENSMUST0000007757	Tuba1b	1.02349E-10	-2.42211	Week 6 down vs Week 3
10344141	---		7.15352E-10	-2.42191	Week 6 down vs Week 3
10343133	---		0.00140826	-2.42179	Week 6 down vs Week 3
10405427	NM_025596 // Prelid1 // PRELI domain containing 1 // 13 B2 // 66494 /// BC098241	Prelid1	1.93032E-10	-2.42158	Week 6 down vs Week 3
10339670	---		6.12738E-08	-2.42083	Week 6 down vs Week 3
10581027	NM_007475 // Rplp0 // ribosomal protein, large, P0 // 5 F // 11837 /// ENSMUST00	Rplp0	4.547E-12	-2.4201	Week 6 down vs Week 3
10343125	---		4.44782E-05	-2.41995	Week 6 down vs Week 3
10594188	NM_013708 // Nr2e3 // nuclear receptor subfamily 2, group E, member 3 // 9 B|9 3	Nr2e3	0.00753303	-2.41883	Week 6 down vs Week 3
10341745	---		7.19651E-09	-2.41819	Week 6 down vs Week 3
10470109	NM_013908 // Fbxw5 // F-box and WD-40 domain protein 5 // 2 A3 // 30839 /// ENSM	Fbxw5	0	-2.41817	Week 6 down vs Week 3
10589368	NM_172775 // Plxnb1 // plexin B1 // 9 F2 // 235611 /// ENSMUST00000072093 // Plx	Plxnb1	4.82E-13	-2.41816	Week 6 down vs Week 3
10405280	NM_019968 // Arl10 // ADP-ribosylation factor-like 10 // 13 B1 // 56795 /// ENSM	Arl10	2.39729E-10	-2.41377	Week 6 down vs Week 3
10500272	BC132471 // Gm129 // predicted gene 129 // 3 F2.1 // 229599 /// NM_001033302 //	Gm129	2.38941E-10	-2.41291	Week 6 down vs Week 3
10343605	---		4.85145E-10	-2.4114	Week 6 down vs Week 3
10340823	---		6.98366E-07	-2.40986	Week 6 down vs Week 3
10419874	NM_021551 // Slc22a17 // solute carrier family 22 (organic cation transporter),	Slc22a17	3.59926E-09	-2.40982	Week 6 down vs Week 3
10344015	---		1.15453E-05	-2.40725	Week 6 down vs Week 3
10534842	NM_010312 // Gnb2 // guanine nucleotide binding protein (G protein), beta 2 // 5	Gnb2	2.9E-14	-2.4065	Week 6 down vs Week 3
10338247	---		1.00903E-05	-2.40446	Week 6 down vs Week 3
10470913	NM_153805 // Pkn3 // protein kinase N3 // 2 B // 263803 /// ENSMUST00000045246 /	Pkn3	1.736E-12	-2.40421	Week 6 down vs Week 3
10461547	NM_181403 // Vps37c // vacuolar protein sorting 37C (yeast) // 19 A // 107305 //	Vps37c	6E-15	-2.40348	Week 6 down vs Week 3
10561306	NM_011116 // Pld3 // phospholipase D family, member 3 // 7 A3 // 18807 /// ENSMU	Pld3	1.1E-14	-2.4025	Week 6 down vs Week 3
10343244	---		1.38349E-05	-2.40206	Week 6 down vs Week 3
10364971	NM_023138 // Map2k2 // mitogen-activated protein kinase kinase 2 // 10 C1|10 43.	Map2k2	0	-2.40144	Week 6 down vs Week 3
10344238	---		2.18063E-06	-2.39764	Week 6 down vs Week 3
10342764	---		0.000699414	-2.39681	Week 6 down vs Week 3
10548857	NM_175652 // Hist4h4 // histone cluster 4, H4 // 6 G1 // 320332	Hist4h4	1.299E-11	-2.3963	Week 6 down vs Week 3
10359034	NM_001024945 // Qsox1 // quiescin Q6 sulfhydryl oxidase 1 // 1 G3 // 104009 ///	Qsox1	4.30407E-10	-2.39484	Week 6 down vs Week 3
10529410	NM_026660 // Mfsd10 // major facilitator superfamily domain containing 10 // 5 B	Mfsd10	6.8E-14	-2.39473	Week 6 down vs Week 3
10343635	---		0.000110191	-2.39461	Week 6 down vs Week 3
10340850	---		8.82191E-05	-2.39454	Week 6 down vs Week 3
10339320	---		1.21844E-05	-2.39266	Week 6 down vs Week 3
10397835	NM_172152 // Slc24a4 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a4	1.22453E-06	-2.3926	Week 6 down vs Week 3
10526410	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	9.19976E-06	-2.39208	Week 6 down vs Week 3
10489872	NM_008420 // Kcnb1 // potassium voltage gated channel, Shab-related subfamily, m	Kcnb1	8.42565E-05	-2.38804	Week 6 down vs Week 3
10543572	NM_011829 // Impdh1 // inosine 5'-phosphate dehydrogenase 1 // 6 A3 // 23917 ///	Impdh1	1.62307E-05	-2.38454	Week 6 down vs Week 3
10339317	---		3.6111E-06	-2.38431	Week 6 down vs Week 3
10596893	NM_010017 // Dag1 // dystroglycan 1 // 9 F2|9 60.0 cM // 13138 /// ENSMUST000000	Dag1	4.5325E-11	-2.38416	Week 6 down vs Week 3
10431935	NM_178114 // Amigo2 // adhesion molecule with Ig like domain 2 // 15 F1 // 10582	Amigo2	4.7074E-07	-2.38234	Week 6 down vs Week 3
10341411	---		3.95067E-06	-2.38225	Week 6 down vs Week 3
10342406	---		2.08969E-10	-2.38161	Week 6 down vs Week 3
10343583	---		1.31485E-05	-2.38124	Week 6 down vs Week 3
10343154	---		8.57864E-06	-2.38016	Week 6 down vs Week 3
10341750	---		0.0031045	-2.38	Week 6 down vs Week 3
10339372	---		1.52814E-05	-2.37978	Week 6 down vs Week 3
10344330	---		1.30777E-05	-2.37911	Week 6 down vs Week 3
10338659	---		2.36507E-07	-2.37869	Week 6 down vs Week 3
10342175	---		2.41862E-06	-2.37823	Week 6 down vs Week 3
10342835	---		0.0250886	-2.37819	Week 6 down vs Week 3
10375713	NM_145926 // Mgat4b // mannoside acetylglucosaminyltransferase 4, isoenzyme B //	Mgat4b	5.063E-12	-2.37781	Week 6 down vs Week 3
10358339	NM_009888 // Cfh // complement component factor h // 1 F|1 74.1 cM // 12628 ///	Cfh	0.00684677	-2.3768	Week 6 down vs Week 3
10339292	---		1.67846E-06	-2.37662	Week 6 down vs Week 3
10545014	ENSMUST00000114297 // Vopp1 // vesicular, overexpressed in cancer, prosurvival p	Vopp1	2.83454E-05	-2.37635	Week 6 down vs Week 3
10541895	NM_011609 // Tnfrsf1a // tumor necrosis factor receptor superfamily, member 1a /	Tnfrsf1a	2.37E-13	-2.37557	Week 6 down vs Week 3
10437451	NM_145359 // Fam100a // family with sequence similarity 100, member A // 16 A1 /	Fam100a	1.3E-14	-2.37228	Week 6 down vs Week 3

10569168	NM_026646 // Slc25a22 // solute carrier family 25 (mitochondrial carrier, glutam	Slc25a22	1.01236E-06	-2.3721	Week 6 down vs Week 3
10340951	---		2.61517E-10	-2.36927	Week 6 down vs Week 3
10355115	NM_025596 // Prelid1 // PRELI domain containing 1 // 13 B2 // 66494 /// BC098241	Prelid1	2.91742E-10	-2.36831	Week 6 down vs Week 3
10340542	---		0.00001733	-2.36561	Week 6 down vs Week 3
10342046	---		5.01761E-07	-2.36559	Week 6 down vs Week 3
10572616	NM_025600 // Dda1 // DET1 and DDB1 associated 1 // 8 C1 // 66498 /// ENSMUST0000	Dda1	3.31E-13	-2.36523	Week 6 down vs Week 3
10607752	NM_009759 // Bmx // BMX non-receptor tyrosine kinase // X F // 12169 /// ENSMUST	Bmx	6.96689E-09	-2.365	Week 6 down vs Week 3
10477237	BC020535 // BC020535 // cDNA sequence BC020535 // 2 H1 // 228788 /// ENSMUST0000	BC020535	2.60937E-09	-2.36496	Week 6 down vs Week 3
10339286	---		0.000139907	-2.36468	Week 6 down vs Week 3
10342617	---		1.30751E-06	-2.36408	Week 6 down vs Week 3
10478897	NM_011201 // Ptpn1 // protein tyrosine phosphatase, non-receptor type 1 // 2 H3	Ptpn1	1.12752E-08	-2.36403	Week 6 down vs Week 3
10347980	NM_022417 // Itm2c // integral membrane protein 2C // 1 C5 // 64294 /// ENSMUST0	Itm2c	6.04754E-10	-2.36375	Week 6 down vs Week 3
10340241	---		2.3643E-10	-2.36216	Week 6 down vs Week 3
10340716	---		1.06331E-07	-2.36155	Week 6 down vs Week 3
10338150	---		2.28452E-08	-2.3606	Week 6 down vs Week 3
10408689	NM_153529 // Nrn1 // neuritin 1 // 13 A3.3 // 68404 /// ENSMUST00000037623 // Nr	Nrn1	1.97297E-06	-2.35765	Week 6 down vs Week 3
10511180	NM_024263 // Mxra8 // matrix-remodelling associated 8 // 4 E2|4 83.0 cM // 74761	Mxra8	8.67461E-05	-2.3576	Week 6 down vs Week 3
10356601	NM_011066 // Per2 // period homolog 2 (Drosophila) // 1 C5 // 18627 /// ENSMUST0	Per2	2.07751E-10	-2.35727	Week 6 down vs Week 3
10338087	---		1.04665E-06	-2.35444	Week 6 down vs Week 3
10407211	NM_008247 // Ppap2a // phosphatidic acid phosphatase type 2A // 13 D2.2 // 19012	Ppap2a	2.59331E-05	-2.35432	Week 6 down vs Week 3
10382106	BC139224 // Gm885 // predicted gene 885 // 11 E1 // 380732 /// BC139225 // Gm885	Gm885	0.000119312	-2.35399	Week 6 down vs Week 3
10344096	---		0.0088791	-2.35364	Week 6 down vs Week 3
10338187	---		9.22569E-07	-2.35287	Week 6 down vs Week 3
10584288	NM_028783 // Robo4 // roundabout homolog 4 (Drosophila) // 9 A4 // 74144 /// ENS	Robo4	1.67522E-06	-2.34958	Week 6 down vs Week 3
10343252	---		0.00154925	-2.34955	Week 6 down vs Week 3
10469984	NM_146117 // Lrrc26 // leucine rich repeat containing 26 // 2 A3 // 227618 /// E	Lrrc26	0.000782223	-2.34854	Week 6 down vs Week 3
10369615	NM_011157 // Srgn // serglycin // 10 B4 // 19073 /// ENSMUST00000105446 // Srgn	Srgn	0.000635868	-2.34826	Week 6 down vs Week 3
10464504	NM_008513 // Lrp5 // low density lipoprotein receptor-related protein 5 // 19 B	Lrp5	3.352E-11	-2.34805	Week 6 down vs Week 3
10338834	---		0.000368592	-2.34768	Week 6 down vs Week 3
10341934	---		1.84314E-10	-2.34614	Week 6 down vs Week 3
10535231	NM_175274 // Ttyh3 // tweety homolog 3 (Drosophila) // 5 G2 // 78339 /// ENSMUST	Ttyh3	5.09506E-09	-2.34554	Week 6 down vs Week 3
10338794	---		7.15306E-05	-2.34505	Week 6 down vs Week 3
10342284	---		3.50202E-06	-2.34406	Week 6 down vs Week 3
10343941	---		1.41982E-07	-2.34305	Week 6 down vs Week 3
10340112	---		2.88671E-09	-2.34254	Week 6 down vs Week 3
10443108	XM_985548 // Syngap1 // synaptic Ras GTPase activating protein 1 homolog (rat) /	Syngap1	1.63631E-05	-2.33996	Week 6 down vs Week 3
10403957	NM_175657 // Hist1h4m // histone cluster 1, H4m // 13 A3.1 // 319161 /// NM_1781	Hist1h4m	8.927E-07	-2.33858	Week 6 down vs Week 3
10408092	NM_175657 // Hist1h4m // histone cluster 1, H4m // 13 A3.1 // 319161 /// NM_1781	Hist1h4m	8.927E-07	-2.33858	Week 6 down vs Week 3
10515519	NM_033617 // Atp6v0b // ATPase, H+ transporting, lysosomal V0 subunit B // 4 D2.	Atp6v0b	1.41228E-09	-2.33843	Week 6 down vs Week 3
10591430	NM_027911 // Raver1 // ribonucleoprotein, PTB-binding 1 // 9 A3 // 71766 /// ENS	Raver1	0	-2.33367	Week 6 down vs Week 3
10393877	AK047224 // Mafg // v-maf musculoaponeurotic fibrosarcoma oncogene family, prote	Mafg	3.20556E-07	-2.33228	Week 6 down vs Week 3
10524284	BC046779 // Ttc28 // tetratricopeptide repeat domain 28 // 5 F // 209683 /// AK1	Ttc28	8.24179E-08	-2.33131	Week 6 down vs Week 3
10430693	NM_001082536 // Mkl1 // MKL (megakaryoblastic leukemia)/myocardin-like 1 // 15 E	Mkl1	1.265E-12	-2.33108	Week 6 down vs Week 3
10341179	---		0.00376954	-2.33097	Week 6 down vs Week 3
10344552	---		0.000194237	-2.32984	Week 6 down vs Week 3
10557498	NM_026884 // Fam57b // family with sequence similarity 57, member B // 7 F4 // 6	Fam57b	0.0023488	-2.32938	Week 6 down vs Week 3
10435271	NM_175256 // Heg1 // HEG homolog 1 (zebrafish) // 16 B3 // 77446 /// ENSMUST0000	Heg1	0.000049028	-2.32876	Week 6 down vs Week 3
10369911	BC024851 // 1110038D17Rik // RIKEN cDNA 1110038D17 gene // 10 C1 // 68778 /// BC	1110038D17Rik	7.459E-12	-2.3281	Week 6 down vs Week 3
10338142	---		6.51573E-06	-2.32723	Week 6 down vs Week 3
10342560	---		6.26232E-07	-2.32524	Week 6 down vs Week 3
10339961	---		4.13E-13	-2.32512	Week 6 down vs Week 3
10341624	---		0.000572905	-2.32214	Week 6 down vs Week 3
10341230	---		5.28157E-06	-2.3216	Week 6 down vs Week 3
10338802	---		1.21364E-06	-2.32137	Week 6 down vs Week 3
10342409	---		0.00018998	-2.3193	Week 6 down vs Week 3
10460891	NM_009006 // Map4k2 // mitogen-activated protein kinase kinase kinase kinase 2 /	Map4k2	3.3E-14	-2.31891	Week 6 down vs Week 3
10590972	NM_001111330 // Gm16379 // predicted gene 16379 // 9 A2 // 100040259 /// NM_0107	Gm16379	1.6551E-09	-2.31858	Week 6 down vs Week 3
10431035	NM_183017 // Ttll12 // tubulin tyrosine ligase-like family, member 12 // 15 E1 /	Ttll12	1.3303E-11	-2.31773	Week 6 down vs Week 3
10339920	---		8.69969E-05	-2.31751	Week 6 down vs Week 3
10593634	NM_177769 // Elmod1 // ELMO domain containing 1 // 9 A5.3 // 270162 /// ENSMUST0	Elmod1	0.000033842	-2.31736	Week 6 down vs Week 3
10451993	NM_080837 // D17Wsu104e // DNA segment, Chr 17, Wayne State University 104, expr	D17Wsu104e	4.5113E-09	-2.31586	Week 6 down vs Week 3
10600921	NM_199018 // Stard8 // START domain containing 8 // X C3 // 236920 /// ENSMUST00	Stard8	1.09596E-07	-2.3155	Week 6 down vs Week 3
10341334	---		0.000195432	-2.31508	Week 6 down vs Week 3
10499545	NM_010108 // Efna3 // ephrin A3 // 3 F1|3 48.0 cM // 13638 /// ENSMUST0000002967	Efna3	2.04011E-06	-2.31485	Week 6 down vs Week 3
10390059	NM_145828 // Xylt2 // xylosyltransferase II // 11 D // 217119 /// ENSMUST0000011	Xylt2	1.2226E-11	-2.31362	Week 6 down vs Week 3

10342629	---		9.98207E-06	-2.3122	Week 6 down vs Week 3
10571142	NM_054044 // Gpr124 // G protein-coupled receptor 124 // 8 A3 // 78560 /// ENSMU	Gpr124	4.05961E-05	-2.31166	Week 6 down vs Week 3
10582337	ENSMUST00000064316 // Fam38a // family with sequence similarity 38, member A //	Fam38a	2.8027E-11	-2.31156	Week 6 down vs Week 3
10339559	---		7.29578E-06	-2.31149	Week 6 down vs Week 3
10481147	NM_011512 // Surf4 // surfeit gene 4 // 2 A3|2 15.5 cM // 20932 /// ENSMUST00000	Surf4	1.20288E-10	-2.31141	Week 6 down vs Week 3
10551852	NM_001081114 // Clip3 // CAP-GLY domain containing linker protein 3 // 7 B1 // 7	Clip3	1.88825E-07	-2.31112	Week 6 down vs Week 3
10460468	NM_019861 // Ctsf // cathepsin F // 19 A // 56464 /// ENSMUST00000115980 // Ctsf	Ctsf	6.06205E-09	-2.3108	Week 6 down vs Week 3
10341524	---		0.000426447	-2.31012	Week 6 down vs Week 3
10342537	---		2.29782E-09	-2.30995	Week 6 down vs Week 3
10371230	NM_010301 // Gna11 // guanine nucleotide binding protein, alpha 11 // 10 C1|10 4	Gna11	6.7E-13	-2.30908	Week 6 down vs Week 3
10364696	NM_025313 // Atp5d // ATP synthase, H+ transporting, mitochondrial F1 complex, d	Atp5d	3.468E-11	-2.30903	Week 6 down vs Week 3
10340581	---		1.84477E-06	-2.30577	Week 6 down vs Week 3
10343839	---		0.000039948	-2.30491	Week 6 down vs Week 3
10341468	---		7.13192E-05	-2.30436	Week 6 down vs Week 3
10338870	---		4.46709E-08	-2.30418	Week 6 down vs Week 3
10342383	---		5.61615E-06	-2.30417	Week 6 down vs Week 3
10343141	---		0.00018844	-2.30265	Week 6 down vs Week 3
10516789	NM_001083119 // Ptpru // protein tyrosine phosphatase, receptor type, U // 4 D2.	Ptpru	9.8696E-07	-2.30205	Week 6 down vs Week 3
10343259	---		9.87367E-06	-2.30176	Week 6 down vs Week 3
10398751	NM_026752 // Zfyve21 // zinc finger, FYVE domain containing 21 // 12 F1 // 68520	Zfyve21	6.8832E-11	-2.30075	Week 6 down vs Week 3
10524525	NM_054093 // Ube3b // ubiquitin protein ligase E3B // 5 F // 117146 /// ENSMUST0	Ube3b	7E-15	-2.30057	Week 6 down vs Week 3
10551120	NM_001160400 // Megf8 // multiple EGF-like-domains 8 // 7 A3 // 269878 /// ENSMU	Megf8	2.427E-12	-2.2979	Week 6 down vs Week 3
10341169	---		3.65366E-06	-2.29683	Week 6 down vs Week 3
10432774	NM_010669 // Krt6b // keratin 6B // 15 F2|15 58.76 cM // 16688 /// ENSMUST000000	Krt6b	0.00267134	-2.29628	Week 6 down vs Week 3
10546001	BC116955 // 1190003M12Rik // RIKEN cDNA 1190003M12 gene // 6 D1 // 68888 /// ENS	1190003M12Rik	9.24019E-07	-2.29593	Week 6 down vs Week 3
10344035	---		3.04242E-06	-2.29455	Week 6 down vs Week 3
10338358	---		0.000132621	-2.29369	Week 6 down vs Week 3
10591576	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	3.88623E-08	-2.29355	Week 6 down vs Week 3
10551724	NM_029887 // Yif1b // Yip1 interacting factor homolog B (S. cerevisiae) // 7 B1	Yif1b	5.68E-13	-2.29342	Week 6 down vs Week 3
10340853	---		0.000328434	-2.29308	Week 6 down vs Week 3
10342243	---		4.13909E-06	-2.29238	Week 6 down vs Week 3
10341992	---		6.87118E-07	-2.29123	Week 6 down vs Week 3
10338427	---		4.36974E-05	-2.29109	Week 6 down vs Week 3
10486396	NM_133838 // Ehd4 // EH-domain containing 4 // 2 E5 // 98878 /// ENSMUST00000028	Ehd4	4.66056E-07	-2.29104	Week 6 down vs Week 3
10500333	NM_033596 // Hist2h4 // histone cluster 2, H4 // 3 F1-F2 // 97122 /// BC057955 /	Hist2h4	1.68141E-09	-2.29098	Week 6 down vs Week 3
10343087	---		0.00224231	-2.28976	Week 6 down vs Week 3
10419073	NM_145928 // Tspan14 // tetraspanin 14 // 14 B|14 14.5 cM // 52588 /// ENSMUST00	Tspan14	5.7062E-11	-2.28778	Week 6 down vs Week 3
10508651	NM_011520 // Sdc3 // syndecan 3 // 4 D2.3|4 60.8 cM // 20970 /// ENSMUST00000070	Sdc3	0.000168671	-2.28769	Week 6 down vs Week 3
10556266	NM_009516 // Wee1 // WEE 1 homolog 1 (S. pombe) // 7 F1 // 22390 /// ENSMUST0000	Wee1	8.30701E-07	-2.28754	Week 6 down vs Week 3
10569344	NM_001122737 // Igf2 // insulin-like growth factor 2 // 7 F5|7 69.09 cM // 16002	Igf2	0.000199079	-2.2871	Week 6 down vs Week 3
10341980	---		9.0573E-11	-2.28649	Week 6 down vs Week 3
10469066	NM_028804 // Ccdc3 // coiled-coil domain containing 3 // 2 A1 // 74186 /// ENSMU	Ccdc3	4.91682E-05	-2.28585	Week 6 down vs Week 3
10338383	---		6.32527E-09	-2.2852	Week 6 down vs Week 3
10426891	NM_027334 // Mettl7a1 // methyltransferase like 7A1 // 15 F3 // 70152 /// ENSMUS	Mettl7a1	5.3862E-11	-2.28271	Week 6 down vs Week 3
10343977	---		0.000107383	-2.28234	Week 6 down vs Week 3
10340446	---		0.000605042	-2.28188	Week 6 down vs Week 3
10343420	---		3.89118E-05	-2.28141	Week 6 down vs Week 3
10591616	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	1.18585E-07	-2.2807	Week 6 down vs Week 3
10591612	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	1.37092E-06	-2.28058	Week 6 down vs Week 3
10451458	NM_028065 // Cnpy3 // canopy 3 homolog (zebrafish) // 17 C // 72029 /// ENSMUST0	Cnpy3	9.4E-14	-2.28046	Week 6 down vs Week 3
10435388	NM_001012765 // Adcy5 // adenylate cyclase 5 // 16 B-5 // 224129 /// ENSMUST0000	Adcy5	1.47832E-07	-2.2804	Week 6 down vs Week 3
10596747	NM_011349 // Sema3f // sema domain, immunoglobulin domain (Ig), short basic doma	Sema3f	3.039E-12	-2.27838	Week 6 down vs Week 3
10409352	NR_027395 // Rnf44 // ring finger protein 44 // 13 B1 // 105239 /// NR_027396 //	Rnf44	3.498E-12	-2.27751	Week 6 down vs Week 3
10339600	---		4.79706E-06	-2.2769	Week 6 down vs Week 3
10572357	NM_021538 // Cope // coatomer protein complex, subunit epsilon // 8 B3.3 // 5904	Cope	7.56277E-10	-2.27634	Week 6 down vs Week 3
10449435	NM_021478 // Tulp1 // tubby like protein 1 // 17 A3.3 // 22157 /// ENSMUST000000	Tulp1	0.00141287	-2.27587	Week 6 down vs Week 3
10548180	NM_133927 // Itfg2 // integrin alpha FG-GAP repeat containing 2 // 6 F3 // 10114	Itfg2	2.61493E-10	-2.27528	Week 6 down vs Week 3
10529028	NM_001134692 // 2310016E02Rik // RIKEN cDNA 2310016E02 gene // 5 B1 // 67695 ///	2310016E02Rik	1.7E-13	-2.27524	Week 6 down vs Week 3
10591624	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	1.6192E-09	-2.27412	Week 6 down vs Week 3
10341903	---		0.000822724	-2.2737	Week 6 down vs Week 3
10344231	---		4.2741E-07	-2.27303	Week 6 down vs Week 3
10511190	NM_010091 // Dvl1 // dishevelled, dsh homolog 1 (Drosophila) // 4 E2|4 82.0 cM /	Dvl1	2.657E-12	-2.27299	Week 6 down vs Week 3
10357833	NM_213616 // Atp2b4 // ATPase, Ca++ transporting, plasma membrane 4 // 1 E4 // 3	Atp2b4	0.000136219	-2.27213	Week 6 down vs Week 3
10581664	NM_029646 // Il34 // interleukin 34 // 8 E1 // 76527 /// NM_001135100 // Il34 //	Il34	3.06536E-08	-2.27061	Week 6 down vs Week 3
10526566	NM_001159571 // Ephb4 // Eph receptor B4 // 5 G2 // 13846 /// NM_010144 // Ephb4	Ephb4	1.34373E-08	-2.26951	Week 6 down vs Week 3

10523766	NM_133897 // Lrrc8c // leucine rich repeat containing 8 family, member C // 5 E5	Lrrc8c	4.4939E-07	-2.26856	Week 6 down vs Week 3
10342432	---		6.7435E-11	-2.26814	Week 6 down vs Week 3
10344219	---		2.16203E-08	-2.26774	Week 6 down vs Week 3
10460787	NM_194348 // Atg2a // ATG2 autophagy related 2 homolog A (S. cerevisiae) // 19 A	Atg2a	1E-15	-2.26636	Week 6 down vs Week 3
10386455	NM_009026 // Rasd1 // RAS, dexamethasone-induced 1 // 11 B2 // 19416 /// ENSMUST	Rasd1	1.21912E-08	-2.26574	Week 6 down vs Week 3
10339439	---		3.43616E-09	-2.26556	Week 6 down vs Week 3
10432509	NM_013840 // Uxt // ubiquitously expressed transcript // X A2 // 22294 /// ENSMU	Uxt	2.642E-12	-2.26507	Week 6 down vs Week 3
10344016	---		4.48215E-07	-2.26452	Week 6 down vs Week 3
10535273	NM_010302 // Gna12 // guanine nucleotide binding protein, alpha 12 // 5 G2|5 82.	Gna12	1.68405E-09	-2.26434	Week 6 down vs Week 3
10562927	NM_133949 // Ptov1 // prostate tumor over expressed gene 1 // 7 B2|7 // 84113 //	Ptov1	1.491E-12	-2.26394	Week 6 down vs Week 3
10341009	---		0.000283867	-2.26362	Week 6 down vs Week 3
10391332	NM_008986 // Ptrf // polymerase I and transcript release factor // 11 D|11 60.5	Ptrf	2.2853E-11	-2.26346	Week 6 down vs Week 3
10382980	NM_009304 // Syngr2 // synaptogyrin 2 // 11 E2 // 20973 /// ENSMUST00000026649 /	Syngr2	6.746E-12	-2.26317	Week 6 down vs Week 3
10344069	---		0.00107537	-2.26314	Week 6 down vs Week 3
10341295	---		2.56867E-06	-2.26231	Week 6 down vs Week 3
10340213	---		9.60158E-06	-2.26167	Week 6 down vs Week 3
10344508	---		5.10376E-05	-2.26128	Week 6 down vs Week 3
10340798	---		0.00203548	-2.26116	Week 6 down vs Week 3
10444459	NM_031176 // Tnxb // tenascin XB // 17 B1|17 18.74 cM // 81877 /// ENSMUST000000	Tnxb	0.000594445	-2.26109	Week 6 down vs Week 3
10340357	---		4.17648E-05	-2.2608	Week 6 down vs Week 3
10489204	NM_009373 // Tgm2 // transglutaminase 2, C polypeptide // 2 H1|2 89.0 cM // 2181	Tgm2	0.000028008	-2.26035	Week 6 down vs Week 3
10339862	---		1.67787E-08	-2.25919	Week 6 down vs Week 3
10498350	NM_133200 // P2ry14 // purinergic receptor P2Y, G-protein coupled, 14 // 3 D|3 2	P2ry14	6.40043E-05	-2.25861	Week 6 down vs Week 3
10520553	NM_144525 // Tmem214 // transmembrane protein 214 // 5 B1 // 68796 /// ENSMUST00	Tmem214	1.89E-13	-2.25844	Week 6 down vs Week 3
10340005	---		0	-2.25812	Week 6 down vs Week 3
10449581	NM_019880 // Mtch1 // mitochondrial carrier homolog 1 (C. elegans) // 17 A3.3 //	Mtch1	7.22523E-10	-2.25451	Week 6 down vs Week 3
10429754	NM_144847 // Nrbp2 // nuclear receptor binding protein 2 // 15 D3 // 223649 ///	Nrbp2	3.65635E-09	-2.25249	Week 6 down vs Week 3
10553131	NM_133950 // Kdelr1 // KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein rete	Kdelr1	1.0851E-11	-2.25084	Week 6 down vs Week 3
10527571	---		1.62848E-10	-2.25057	Week 6 down vs Week 3
10387201	NM_177566 // Arhgef15 // Rho guanine nucleotide exchange factor (GEF) 15 // 11 B	Arhgef15	1.49674E-06	-2.24986	Week 6 down vs Week 3
10341101	---		1.02153E-05	-2.24881	Week 6 down vs Week 3
10370497	NM_172134 // Pdxk // pyridoxal (pyridoxine, vitamin B6) kinase // 10 C1|10 42.1	Pdxk	8.88937E-07	-2.24836	Week 6 down vs Week 3
10512279	NM_016673 // Cntfr // ciliary neurotrophic factor receptor // 4 A5|4 19.9 cM //	Cntfr	3.34504E-06	-2.24777	Week 6 down vs Week 3
10559261	NM_133655 // Cd81 // CD81 antigen // 7 F5|7 69.3 cM // 12520 /// ENSMUST00000037	Cd81	3.72774E-07	-2.24745	Week 6 down vs Week 3
10344466	---		0.000622821	-2.24498	Week 6 down vs Week 3
10537316	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	1.91751E-09	-2.24443	Week 6 down vs Week 3
10340407	---		0.000621067	-2.24085	Week 6 down vs Week 3
10471457	NM_011373 // St6galnac4 // ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,	St6galnac4	9.3389E-11	-2.24037	Week 6 down vs Week 3
10567838	NM_023712 // Spns1 // spinster homolog 1 (Drosophila) // 7 F4 // 73658 /// ENSMU	Spns1	2.53E-13	-2.23989	Week 6 down vs Week 3
10339730	---		3.11801E-07	-2.23863	Week 6 down vs Week 3
10344178	---		0.00181101	-2.23796	Week 6 down vs Week 3
10562847	NM_009473 // Nr1h2 // nuclear receptor subfamily 1, group H, member 2 // 7 B4 //	Nr1h2	1E-15	-2.23783	Week 6 down vs Week 3
10478647	NM_020333 // Slc12a5 // solute carrier family 12, member 5 // 2 G2-G3 // 57138 /	Slc12a5	0.002268	-2.2373	Week 6 down vs Week 3
10425116	NM_027219 // Cdc42ep1 // CDC42 effector protein (Rho GTPase binding) 1 // 15 E1	Cdc42ep1	7.7952E-10	-2.23711	Week 6 down vs Week 3
10480804	NM_029293 // Phpt1 // phosphohistidine phosphatase 1 // 2 A3 // 75454 /// ENSMUS	Phpt1	2E-15	-2.23691	Week 6 down vs Week 3
10563191	NM_175130 // Trpm4 // transient receptor potential cation channel, subfamily M,	Trpm4	5.8722E-11	-2.23582	Week 6 down vs Week 3
10384032	NM_008894 // Pold2 // polymerase (DNA directed), delta 2, regulatory subunit //	Pold2	2.828E-12	-2.2346	Week 6 down vs Week 3
10339681	---		0.00013077	-2.23424	Week 6 down vs Week 3
10382625	NM_145438 // Llgl2 // lethal giant larvae homolog 2 (Drosophila) // 11 E2 // 217	Llgl2	4.42151E-07	-2.23363	Week 6 down vs Week 3
10342914	---		0.000042517	-2.23299	Week 6 down vs Week 3
10340667	---		2.38557E-05	-2.23214	Week 6 down vs Week 3
10386070	NM_009720 // Atox1 // ATX1 (antioxidant protein 1) homolog 1 (yeast) // 11 B1.3	Atox1	1.44585E-10	-2.23211	Week 6 down vs Week 3
10340949	---		9.28215E-06	-2.23174	Week 6 down vs Week 3
10364468	NM_009768 // Bsg // basigin // 10 C1|10 42.4 cM // 12215 /// NM_001077184 // Bsg	Bsg	1.16148E-10	-2.23144	Week 6 down vs Week 3
10593130	NM_172257 // Sidt2 // SID1 transmembrane family, member 2 // 9 A5.2 // 214597 //	Sidt2	1.27516E-10	-2.23024	Week 6 down vs Week 3
10342004	---		0.000161312	-2.22715	Week 6 down vs Week 3
10391895	NM_133715 // Arhgap27 // Rho GTPase activating protein 27 // 11 E1 // 544817 ///	Arhgap27	9.69383E-07	-2.22699	Week 6 down vs Week 3
10341555	---		2.81807E-06	-2.22685	Week 6 down vs Week 3
10529485	NM_030127 // Htra3 // HtrA serine peptidase 3 // 5 B1 // 78558 /// NM_001042615	Htra3	4.24086E-07	-2.22636	Week 6 down vs Week 3
10399360	NM_007483 // Rhob // ras homolog gene family, member B // 12 A1.1 // 11852 /// E	Rhob	1.59663E-09	-2.22576	Week 6 down vs Week 3
10343704	---		2.1602E-09	-2.2254	Week 6 down vs Week 3
10542872	NR_003634 // Rps4y2 // ribosomal protein S4, Y-linked 2 // 6 G3 // 66184	Rps4y2	1.68107E-10	-2.22529	Week 6 down vs Week 3
10339876	---		3.9459E-08	-2.22477	Week 6 down vs Week 3
10424909	NM_008296 // Hsf1 // heat shock factor 1 // 15 D3|15 43.0 cM // 15499 /// ENSMUS	Hsf1	2E-14	-2.22446	Week 6 down vs Week 3
10344088	---		1.17638E-06	-2.2239	Week 6 down vs Week 3

10342753	---		1.21035E-05	-2.22349	Week 6 down vs Week 3
10340739	---		3.21863E-05	-2.22318	Week 6 down vs Week 3
10396840	NM_030017 // Rdh12 // retinol dehydrogenase 12 // 12 D2 // 77974 /// ENSMUST0000	Rdh12	0.0263076	-2.22297	Week 6 down vs Week 3
10518455	NM_009642 // Agtrap // angiotensin II, type I receptor-associated protein // 4 E	Agtrap	2.007E-11	-2.22295	Week 6 down vs Week 3
10343370	---		0.000047127	-2.2228	Week 6 down vs Week 3
10518408	NM_011122 // Plod1 // procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1 // 4 E2	Plod1	5.80949E-06	-2.22261	Week 6 down vs Week 3
10373680	NM_007501 // Neurod4 // neurogenic differentiation 4 // 10 D3|10 72.0 cM // 1192	Neurod4	0.0257473	-2.22259	Week 6 down vs Week 3
10364766	NM_009091 // Rps15 // ribosomal protein S15 // 10 C1 // 20054 /// ENSMUST0000006	Rps15	9.75494E-10	-2.22219	Week 6 down vs Week 3
10339960	---		6.91121E-06	-2.22166	Week 6 down vs Week 3
10344182	---		3.39083E-05	-2.22131	Week 6 down vs Week 3
10431974	NM_144850 // Rapgef3 // Rap guanine nucleotide exchange factor (GEF) 3 // 15 F1	Rapgef3	1.19601E-08	-2.21931	Week 6 down vs Week 3
10342691	---		1.98009E-05	-2.21929	Week 6 down vs Week 3
10339500	---		1.82558E-05	-2.21833	Week 6 down vs Week 3
10340638	---		0.00146911	-2.2178	Week 6 down vs Week 3
10355514	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961 /// BC055076 // Tns1 //	Tns1	0.000048012	-2.21648	Week 6 down vs Week 3
10343851	---		7.29203E-06	-2.21581	Week 6 down vs Week 3
10343207	---		1.08814E-05	-2.21523	Week 6 down vs Week 3
10344232	---		0.000643371	-2.2151	Week 6 down vs Week 3
10494395	NM_013549 // Hist2h2aa1 // histone cluster 2, H2aa1 // 3 F1-F2|3 45.2 cM // 1526	Hist2h2aa1	3.6402E-08	-2.21458	Week 6 down vs Week 3
10340488	---		9.0771E-11	-2.21406	Week 6 down vs Week 3
10597182	BC157956 // Nbeal2 // neurobeachin-like 2 // 9 F2 // 235627 /// BC172118 // Nbea	Nbeal2	5.14156E-06	-2.21278	Week 6 down vs Week 3
10464583	NM_013541 // Gstp1 // glutathione S-transferase, pi 1 // 19 A|19 0.0 cM // 14870	Gstp1	1.89835E-06	-2.21247	Week 6 down vs Week 3
10451953	NM_029796 // Lrg1 // leucine-rich alpha-2-glycoprotein 1 // 17 D|17 10.0 cM // 7	Lrg1	3.81279E-07	-2.21166	Week 6 down vs Week 3
10604661	XM_001478226 // Gm1862 // predicted gene 1862 // X A5 // 100040260	Gm1862	1.2342E-06	-2.21101	Week 6 down vs Week 3
10342403	---		7.55604E-05	-2.21082	Week 6 down vs Week 3
10343326	---		0.00386672	-2.21	Week 6 down vs Week 3
10387170	NM_008744 // Ntn1 // netrin 1 // 11 B3 // 18208 /// BC141294 // Ntn1 // netrin 1	Ntn1	4.09394E-09	-2.20989	Week 6 down vs Week 3
10437399	NM_030205 // Coro7 // coronin 7 // 16 A1|16 2.2 cM // 78885 /// ENSMUST000000385	Coro7	1.11E-13	-2.20922	Week 6 down vs Week 3
10343891	---		1E-15	-2.20882	Week 6 down vs Week 3
10340618	---		2.50557E-08	-2.20836	Week 6 down vs Week 3
10342854	---		0.000100295	-2.20811	Week 6 down vs Week 3
10430834	NM_008669 // Naga // N-acetyl galactosaminidase, alpha // 15 E|15 46.0 cM // 179	Naga	5.293E-12	-2.20736	Week 6 down vs Week 3
10579144	BC125568 // 9130404D08Rik // RIKEN cDNA 9130404D08 gene // 8 C1 // 74549 /// NM_	9130404D08Rik	1.1E-13	-2.20706	Week 6 down vs Week 3
10470101	NM_027085 // Clic3 // chloride intracellular channel 3 // 2 A3 // 69454 /// ENSM	Clic3	0.00413507	-2.2063	Week 6 down vs Week 3
10340782	---		0.00165303	-2.20577	Week 6 down vs Week 3
10438232	NM_010048 // Dgcr2 // DiGeorge syndrome critical region gene 2 // 16 A-B1|16 10.	Dgcr2	4.049E-12	-2.2053	Week 6 down vs Week 3
10391052	NM_016958 // Krt14 // keratin 14 // 11 D|11 58.6 cM // 16664 /// ENSMUST00000007	Krt14	0.000948374	-2.20431	Week 6 down vs Week 3
10343405	---		2.27305E-07	-2.20225	Week 6 down vs Week 3
10600341	NM_007927 // Emd // emerin // X A7.3|X 29.81 cM // 13726 /// ENSMUST00000002029	Emd	1.63587E-10	-2.20221	Week 6 down vs Week 3
10579607	BC026418 // B3gnt3 // UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferas	B3gnt3	1.91906E-08	-2.20216	Week 6 down vs Week 3
10561170	NM_053208 // Egln2 // EGL nine homolog 2 (C. elegans) // 7 A3|7 7.0 cM // 112406	Egln2	2E-15	-2.20207	Week 6 down vs Week 3
10342397	---		1.93916E-05	-2.20201	Week 6 down vs Week 3
10341633	---		0.000533365	-2.20138	Week 6 down vs Week 3
10465683	NM_008997 // Rab11b // RAB11B, member RAS oncogene family // 17 B1|17 18.3 cM //	Rab11b	5.26E-12	-2.20107	Week 6 down vs Week 3
10555205	NM_201352 // Gdpd5 // glycerophosphodiester phosphodiesterase domain containing	Gdpd5	1.67192E-09	-2.20091	Week 6 down vs Week 3
10340518	---		2.13268E-07	-2.20052	Week 6 down vs Week 3
10341450	---		3.411E-12	-2.19994	Week 6 down vs Week 3
10527101	NM_199068 // Foxk1 // forkhead box K1 // 5 G2|5 82.0 cM // 17425 /// ENSMUST0000	Foxk1	1.2221E-11	-2.19898	Week 6 down vs Week 3
10344142	---		0.000887497	-2.19891	Week 6 down vs Week 3
10499536	NM_010107 // Efna1 // ephrin A1 // 3 F1|3 48.5 cM // 13636 /// NM_001162425 // E	Efna1	1.67E-13	-2.19867	Week 6 down vs Week 3
10433691	NM_010946 // Ntan1 // N-terminal Asn amidase // 16 A1|16 8.7 cM // 18203 /// NM_	Ntan1	3.7455E-08	-2.19839	Week 6 down vs Week 3
10551080	NM_027882 // Cic // capicua homolog (Drosophila) // 7 A3 // 71722 /// NM_0011101	Cic	1.44E-13	-2.1968	Week 6 down vs Week 3
10365136	NM_010347 // Aes // amino-terminal enhancer of split // 10 C1|10 43.0 cM // 1479	Aes	3.44463E-10	-2.19655	Week 6 down vs Week 3
10415408	BC151043 // BC030046 // cDNA sequence BC030046 // 14 C3 // 277154 /// ENSMUST000	BC030046	3.7112E-11	-2.1965	Week 6 down vs Week 3
10442549	NM_183149 // Zfp598 // zinc finger protein 598 // 17 A3.3 // 213753 /// ENSMUST0	Zfp598	3.74E-13	-2.19639	Week 6 down vs Week 3
10341722	---		3.96966E-08	-2.19588	Week 6 down vs Week 3
10608654	---		0.000617844	-2.19588	Week 6 down vs Week 3
10342856	---		3.26502E-06	-2.19134	Week 6 down vs Week 3
10600317	NM_008106 // Opn1mw // opsin 1 (cone pigments), medium-wave-sensitive (color bli	Opn1mw	0.00162863	-2.19103	Week 6 down vs Week 3
10342868	---		0.0018068	-2.18999	Week 6 down vs Week 3
10343263	---		0.000113322	-2.18922	Week 6 down vs Week 3
10375137	NM_031169 // Kcnmb1 // potassium large conductance calcium-activated channel, su	Kcnmb1	1.0747E-07	-2.18852	Week 6 down vs Week 3
10356764	NM_172411 // 2310007B03Rik // RIKEN cDNA 2310007B03 gene // 1 D // 71874 /// NM_	2310007B03Rik	0.00147091	-2.18832	Week 6 down vs Week 3
10413185	NM_183208 // Zmiz1 // zinc finger, MIZ-type containing 1 // 14 A3 // 328365 ///	Zmiz1	7.517E-09	-2.18721	Week 6 down vs Week 3
10341636	---		4.51681E-05	-2.18671	Week 6 down vs Week 3

10340420	---		4.74452E-06	-2.18657	Week 6 down vs Week 3
10341291	---		6.82654E-06	-2.18556	Week 6 down vs Week 3
10551030	NM_001130150 // Arhgef1 // Rho guanine nucleotide exchange factor (GEF) 1 // 7 A	Arhgef1	2.256E-12	-2.18511	Week 6 down vs Week 3
10343096	---		1.52115E-06	-2.18416	Week 6 down vs Week 3
10562965	NM_007458 // Ap2a1 // adaptor protein complex AP-2, alpha 1 subunit // 7 B2 // 1	Ap2a1	5.4E-14	-2.18389	Week 6 down vs Week 3
10400510	NM_025809 // Clec14a // C-type lectin domain family 14, member a // 12 C1 // 668	Clec14a	0.00230261	-2.18389	Week 6 down vs Week 3
10598359	NM_009305 // Syp // synaptophysin // X A-D|X 1.5 cM // 20977 /// ENSMUST00000069	Syp	0.0134356	-2.18382	Week 6 down vs Week 3
10535807	NM_010228 // Flt1 // FMS-like tyrosine kinase 1 // 5 G|5 82.0 cM // 14254 /// EN	Flt1	0.00062973	-2.1831	Week 6 down vs Week 3
10338044	---		9.45964E-06	-2.18272	Week 6 down vs Week 3
10431326	NM_133241 // Mlc1 // megalencephalic leukoencephalopathy with subcortical cysts	Mlc1	0.00342484	-2.18253	Week 6 down vs Week 3
10340072	---		0.000193251	-2.18109	Week 6 down vs Week 3
10366814	NM_009870 // Cdk4 // cyclin-dependent kinase 4 // 10 D3 // 12567 /// ENSMUST0000	Cdk4	2.06612E-10	-2.18099	Week 6 down vs Week 3
10489912	NM_145538 // Tmem189 // transmembrane protein 189 // 2 H3 // 407243 /// ENSMUST0	Tmem189	1.28221E-10	-2.18092	Week 6 down vs Week 3
10338704	---		4.6884E-06	-2.18021	Week 6 down vs Week 3
10568001	NM_133670 // Sult1a1 // sulfotransferase family 1A, phenol-preferring, member 1	Sult1a1	7.20455E-07	-2.17971	Week 6 down vs Week 3
10400405	NM_010907 // Nfkbia // nuclear factor of kappa light polypeptide gene enhancer i	Nfkbia	1.35229E-06	-2.17967	Week 6 down vs Week 3
10341415	---		2.72707E-05	-2.17924	Week 6 down vs Week 3
10404783	NM_010104 // Edn1 // endothelin 1 // 13 A4|13 26.0 cM // 13614 /// ENSMUST000000	Edn1	7.20857E-10	-2.17921	Week 6 down vs Week 3
10579341	NM_183170 // Mpv17l2 // MPV17 mitochondrial membrane protein-like 2 // 8 B3.3 //	Mpv17l2	0	-2.17849	Week 6 down vs Week 3
10339728	---		0.000546921	-2.17821	Week 6 down vs Week 3
10339565	---		1.92108E-10	-2.17804	Week 6 down vs Week 3
10509868	NM_029097 // Atp13a2 // ATPase type 13A2 // 4 D3 // 74772 /// ENSMUST00000037055	Atp13a2	1.8E-14	-2.17696	Week 6 down vs Week 3
10342261	---		1.51778E-10	-2.17636	Week 6 down vs Week 3
10539873	NM_008090 // Gata2 // GATA binding protein 2 // 6 D1|6 38.5 cM // 14461 /// ENSM	Gata2	1.16372E-07	-2.17562	Week 6 down vs Week 3
10454950	NM_026404 // Slc35a4 // solute carrier family 35, member A4 // 18 B3 // 67843 //	Slc35a4	1.74904E-09	-2.17512	Week 6 down vs Week 3
10388869	NM_009395 // Tnfaip1 // tumor necrosis factor, alpha-induced protein 1 (endothel	Tnfaip1	2.3089E-11	-2.17484	Week 6 down vs Week 3
10608689	---		3E-15	-2.17467	Week 6 down vs Week 3
10370690	NM_001003949 // ORF61 // open reading frame 61 // 10 C1 // 216157 /// NM_130455	ORF61	9.67E-13	-2.17344	Week 6 down vs Week 3
10583508	NM_023167 // Mrpl4 // mitochondrial ribosomal protein L4 // 9 A3 // 66163 /// EN	Mrpl4	8E-15	-2.1727	Week 6 down vs Week 3
10575777	BC158118 // 4933407C03Rik // RIKEN cDNA 4933407C03 gene // 8 E1 // 74440 /// ENS	4933407C03Rik	3.708E-12	-2.17235	Week 6 down vs Week 3
10338389	---		4.26947E-05	-2.17169	Week 6 down vs Week 3
10341480	---		3.23225E-06	-2.17154	Week 6 down vs Week 3
10569771	NM_053177 // Mcoln1 // mucolipin 1 // 8 A1.1|8 1.1 cM // 94178 /// ENSMUST000000	Mcoln1	3.577E-12	-2.17129	Week 6 down vs Week 3
10341802	---		0.000488105	-2.17078	Week 6 down vs Week 3
10351738	NM_023041 // Pex19 // peroxisomal biogenesis factor 19 // 1 H3|1 93.6 cM // 1929	Pex19	2.162E-12	-2.17069	Week 6 down vs Week 3
10349953	NM_027979 // Chit1 // chitinase 1 (chitotriosidase) // 1 E4 // 71884 /// ENSMUST	Chit1	0.000731965	-2.16969	Week 6 down vs Week 3
10493474	NM_013605 // Muc1 // mucin 1, transmembrane // 3 F1|3 44.8 cM // 17829 /// ENSMU	Muc1	0.00114279	-2.16943	Week 6 down vs Week 3
10438626	NM_023794 // Etv5 // ets variant gene 5 // 16 B1 // 104156 /// ENSMUST0000007960	Etv5	1.68975E-09	-2.16872	Week 6 down vs Week 3
10448455	NM_009729 // Atp6v0c // ATPase, H+ transporting, lysosomal V0 subunit C // 17 A3	Atp6v0c	6.22705E-09	-2.1675	Week 6 down vs Week 3
10449741	NM_010831 // Sik1 // salt inducible kinase 1 // 17 B1|17 18.18 cM // 17691 /// E	Sik1	1.08498E-07	-2.16655	Week 6 down vs Week 3
10343761	---		7.76243E-06	-2.1665	Week 6 down vs Week 3
10588942	NM_008483 // Lamb2 // laminin, beta 2 // 9 F1|9 60.0 cM // 16779 /// ENSMUST0000	Lamb2	1.25697E-05	-2.16548	Week 6 down vs Week 3
10340660	---		0.00016026	-2.16511	Week 6 down vs Week 3
10459089	NM_008306 // Ndst1 // N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 1	Ndst1	6.16E-12	-2.16476	Week 6 down vs Week 3
10340476	---		8.72368E-06	-2.16294	Week 6 down vs Week 3
10364593	NM_007725 // Cnn2 // calponin 2 // 10 C1 // 12798 /// ENSMUST00000004784 // Cnn2	Cnn2	1.22483E-06	-2.16293	Week 6 down vs Week 3
10342736	---		2.3656E-11	-2.16146	Week 6 down vs Week 3
10550674	NM_007949 // Ercc2 // excision repair cross-complementing rodent repair deficien	Ercc2	3.07091E-10	-2.16086	Week 6 down vs Week 3
10426261	NM_021423 // Shank3 // SH3/ankyrin domain gene 3 // 15 E3 // 58234 /// ENSMUST00	Shank3	5.13829E-06	-2.1604	Week 6 down vs Week 3
10570068	NM_009932 // Col4a2 // collagen, type IV, alpha 2 // 8 A1.1|8 5.0 cM // 12827 //	Col4a2	8.51871E-06	-2.16026	Week 6 down vs Week 3
10342666	---		0.000969663	-2.15975	Week 6 down vs Week 3
10341882	---		2.58194E-07	-2.15955	Week 6 down vs Week 3
10591632	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	2.50619E-07	-2.15862	Week 6 down vs Week 3
10365116	NM_133964 // Dohh // deoxyhypusine hydroxylase/monooxygenase // 10 C1 // 102115	Dohh	2.4404E-11	-2.15827	Week 6 down vs Week 3
10364518	NM_001077363 // Ptbp1 // polypyrimidine tract binding protein 1 // 10 C1|10 43.0	Ptbp1	3.37697E-10	-2.15818	Week 6 down vs Week 3
10548043	NM_145983 // Kcna5 // potassium voltage-gated channel, shaker-related subfamily,	Kcna5	1.24763E-05	-2.15681	Week 6 down vs Week 3
10497752	NM_025821 // Carhsp1 // calcium regulated heat stable protein 1 // 16 A1|16 1.7	Carhsp1	3.0577E-11	-2.1567	Week 6 down vs Week 3
10339656	---		5.76661E-08	-2.1561	Week 6 down vs Week 3
10342551	---		0.000860538	-2.15508	Week 6 down vs Week 3
10343214	---		1.24436E-09	-2.15491	Week 6 down vs Week 3
10340050	---		2.76801E-06	-2.15491	Week 6 down vs Week 3
10367544	NM_001113470 // Ctdsp2 // CTD (carboxy-terminal domain, RNA polymerase II, polyp	Ctdsp2	2.274E-12	-2.1543	Week 6 down vs Week 3
10355730	BC028815 // 1810031K17Rik // RIKEN cDNA 1810031K17 gene // 1 C3 // 69171 /// NM_	1810031K17Rik	3E-15	-2.15427	Week 6 down vs Week 3
10343722	---		0.000112576	-2.15411	Week 6 down vs Week 3
10343585	---		0.000326474	-2.15408	Week 6 down vs Week 3

10406111	NM_011390 // Slc12a7 // solute carrier family 12, member 7 // 13 C1|13 43.0 cM /	Slc12a7	5.65567E-09	-2.15381	Week 6 down vs Week 3
10563441	NM_010129 // Emp3 // epithelial membrane protein 3 // 7 B4|7 24.5 cM // 13732 //	Emp3	4.59145E-06	-2.15342	Week 6 down vs Week 3
10341420	---		7.02769E-10	-2.15341	Week 6 down vs Week 3
10453738	NM_008058 // Fzd8 // frizzled homolog 8 (Drosophila) // 18 A1|18 2.0 cM // 14370	Fzd8	1.10425E-10	-2.15294	Week 6 down vs Week 3
10561178	NM_029391 // Rab4b // RAB4B, member RAS oncogene family // 7 A3|7 7.4 cM // 1934	Rab4b	1.9777E-11	-2.15215	Week 6 down vs Week 3
10471721	NM_008969 // Ptgs1 // prostaglandin-endoperoxide synthase 1 // 2 B|2 29.0 cM //	Ptgs1	4.59071E-09	-2.15176	Week 6 down vs Week 3
10442691	NM_011930 // Clcn7 // chloride channel 7 // 17 A3.3|17 10.0 cM // 26373 /// ENSM	Clcn7	5.3611E-11	-2.15169	Week 6 down vs Week 3
10408074	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_153	Hist1h4b	3.92769E-06	-2.15081	Week 6 down vs Week 3
10344410	---		5.66803E-06	-2.15074	Week 6 down vs Week 3
10566529	NM_009906 // Tpp1 // tripeptidyl peptidase I // 7 E3|7 50.0 cM // 12751 /// ENSM	Tpp1	3.8898E-09	-2.14992	Week 6 down vs Week 3
10444439	NM_017406 // Atf6b // activating transcription factor 6 beta // 17 B1|17 18.85 c	Atf6b	9.4E-13	-2.14988	Week 6 down vs Week 3
10343813	---		9.42255E-07	-2.14896	Week 6 down vs Week 3
10343845	---		0.00299693	-2.14891	Week 6 down vs Week 3
10342821	---		1.13235E-05	-2.14886	Week 6 down vs Week 3
10338231	---		2.10417E-06	-2.1478	Week 6 down vs Week 3
10343696	---		0.000100612	-2.14589	Week 6 down vs Week 3
10473384	NM_021398 // Slc43a3 // solute carrier family 43, member 3 // --- // 58207 /// E	Slc43a3	4.33294E-05	-2.14573	Week 6 down vs Week 3
10379389	NM_172133 // Adap2 // ArfGAP with dual PH domains 2 // 11 B5|11 47.24 cM // 2169	Adap2	3.12193E-07	-2.14568	Week 6 down vs Week 3
10488655	NM_009743 // Bcl2l1 // BCL2-like 1 // 2 H1|2 87.5 cM // 12048 /// ENSMUST0000010	Bcl2l1	6.5E-14	-2.14354	Week 6 down vs Week 3
10548892	NM_007486 // Arhgdib // Rho, GDP dissociation inhibitor (GDI) beta // 6 G1 // 11	Arhgdib	9.19825E-05	-2.14287	Week 6 down vs Week 3
10342447	---		4.35789E-06	-2.14179	Week 6 down vs Week 3
10341012	---		0.000010212	-2.14158	Week 6 down vs Week 3
10597511	ENSMUST00000075898 // Gm5921 // predicted gene 5921 // 9 F3 // 546164	Gm5921	1.75618E-09	-2.14147	Week 6 down vs Week 3
10404067	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_153	Hist1h4b	4.17245E-06	-2.13899	Week 6 down vs Week 3
10343471	---		3.6106E-11	-2.13879	Week 6 down vs Week 3
10542200	NM_020590 // Gabarapl1 // gamma-aminobutyric acid (GABA) A receptor-associated p	Gabarapl1	2.79436E-06	-2.13562	Week 6 down vs Week 3
10452874	NM_025381 // Atp6v1f // ATPase, H+ transporting, lysosomal V1 subunit F // 6 A3	Atp6v1f	4.4235E-11	-2.13551	Week 6 down vs Week 3
10494386	NM_178184 // Hist1h2an // histone cluster 1, H2an // 13 A3.1 // 319170 /// NM_17	Hist1h2an	2.20488E-08	-2.13503	Week 6 down vs Week 3
10342506	---		8.95386E-06	-2.13218	Week 6 down vs Week 3
10378409	---		5.66319E-06	-2.13182	Week 6 down vs Week 3
10341296	---		0.000249796	-2.13159	Week 6 down vs Week 3
10594044	NM_012043 // Islr // immunoglobulin superfamily containing leucine-rich repeat /	Islr	0.000932488	-2.13133	Week 6 down vs Week 3
10424584	NM_001081066 // Dennd3 // DENN/MADD domain containing 3 // 15 D3 // 105841 /// E	Dennd3	2.5336E-08	-2.13118	Week 6 down vs Week 3
10390186	NM_025659 // Abi3 // ABI gene family, member 3 // 11 D // 66610 /// ENSMUST00000	Abi3	1.62319E-07	-2.13085	Week 6 down vs Week 3
10340901	---		0.00760496	-2.1308	Week 6 down vs Week 3
10442968	NM_001081069 // Rgs11 // regulator of G-protein signaling 11 // 17 A3.3 // 50782	Rgs11	1.98974E-08	-2.12996	Week 6 down vs Week 3
10404063	NM_175660 // Hist1h2ab // histone cluster 1, H2ab // --- // 319172 /// BC117110	Hist1h2ab	0.000065643	-2.12996	Week 6 down vs Week 3
10344053	---		2.1445E-11	-2.12984	Week 6 down vs Week 3
10489985	NM_015731 // Atp9a // ATPase, class II, type 9A // --- // 11981 /// ENSMUST00000	Atp9a	5.8892E-11	-2.12922	Week 6 down vs Week 3
10338602	---		7.04646E-05	-2.12905	Week 6 down vs Week 3
10375499	AJ132685 // Snord96a // small nucleolar RNA, C/D box 96A // 11|11 // 100216534	Snord96a	3.3423E-11	-2.12842	Week 6 down vs Week 3
10343788	---		9.303E-11	-2.1254	Week 6 down vs Week 3
10340803	---		0.000473172	-2.12496	Week 6 down vs Week 3
10341974	---		0.0106535	-2.12488	Week 6 down vs Week 3
10476237	NM_028306 // Hspa12b // heat shock protein 12B // 2 F3 // 72630 /// ENSMUST00000	Hspa12b	2.6316E-08	-2.12447	Week 6 down vs Week 3
10339752	---		0.00143575	-2.12364	Week 6 down vs Week 3
10344533	---		7.56294E-05	-2.12308	Week 6 down vs Week 3
10424860	NM_175457 // Heatr7a // HEAT repeat containing 7A // 15 D3 // 223658 /// NM_0011	Heatr7a	4.388E-12	-2.12235	Week 6 down vs Week 3
10569319	NM_009983 // Ctsd // cathepsin D // 7 F5 // 13033 /// ENSMUST00000066401 // Ctsd	Ctsd	2.80462E-09	-2.12149	Week 6 down vs Week 3
10539484	NM_009077 // Rpl18 // ribosomal protein L18 // 7 B4 // 19899 /// ENSMUST00000072	Rpl18	4.05769E-10	-2.12067	Week 6 down vs Week 3
10494227	NM_029789 // Lass2 // LAG1 homolog, ceramide synthase 2 // 3 F2 // 76893 /// ENS	Lass2	2.25677E-08	-2.11979	Week 6 down vs Week 3
10341561	---		7.78729E-09	-2.11856	Week 6 down vs Week 3
10404404	NM_010225 // Foxf2 // forkhead box F2 // 13 A4 // 14238 /// ENSMUST00000042054 /	Foxf2	0.000422961	-2.1169	Week 6 down vs Week 3
10450579	NM_007584 // Ddr1 // discoidin domain receptor family, member 1 // 17 C|17 21.5	Ddr1	3.2865E-09	-2.11685	Week 6 down vs Week 3
10596533	NM_011573 // Tex264 // testis expressed gene 264 // 9 F1 // 21767 /// NM_0010816	Tex264	1.55E-12	-2.11671	Week 6 down vs Week 3
10569341	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	0.00125619	-2.1163	Week 6 down vs Week 3
10471505	NM_013781 // Sh2d3c // SH2 domain containing 3C // 2 B // 27387 /// ENSMUST00000	Sh2d3c	1.5281E-09	-2.11607	Week 6 down vs Week 3
10344384	---		0.000179685	-2.11594	Week 6 down vs Week 3
10373571	BC037624 // 1110012D08Rik // RIKEN cDNA 1110012D08 gene // 10 D3 // 73827 /// EN	1110012D08Rik	8.636E-12	-2.11482	Week 6 down vs Week 3
10380285	NM_026433 // Tmem100 // transmembrane protein 100 // 11 C // 67888 /// ENSMUST00	Tmem100	0.00161735	-2.11469	Week 6 down vs Week 3
10500324	NM_013549 // Hist2h2aa1 // histone cluster 2, H2aa1 // 3 F1-F2|3 45.2 cM // 1526	Hist2h2aa1	4.38485E-08	-2.11463	Week 6 down vs Week 3
10391918	NM_183034 // Plekhm1 // pleckstrin homology domain containing, family M (with RU	Plekhm1	2E-15	-2.11454	Week 6 down vs Week 3
10449071	NM_145999 // Rhot2 // ras homolog gene family, member T2 // 17 A3.3|17 11.6 cM /	Rhot2	6.46659E-09	-2.11427	Week 6 down vs Week 3
10468668	NM_146102 // Afap1l2 // actin filament associated protein 1-like 2 // 19 D2 // 2	Afap1l2	2.12617E-10	-2.11275	Week 6 down vs Week 3
10442904	NM_028101 // Jmjd8 // jumonji domain containing 8 // 17 B1 // 72106 /// ENSMUST0	Jmjd8	4.951E-12	-2.11221	Week 6 down vs Week 3

10339148	---		2.98702E-07	-2.11212	Week 6 down vs Week 3
10339708	---		0.000358493	-2.112	Week 6 down vs Week 3
10465772	NM_008577 // Slc3a2 // solute carrier family 3 (activators of dibasic and neutra	Slc3a2	7.46631E-08	-2.11168	Week 6 down vs Week 3
10341990	---		0.000388077	-2.11134	Week 6 down vs Week 3
10344185	---		5.98535E-05	-2.11112	Week 6 down vs Week 3
10342190	---		2.07025E-05	-2.11111	Week 6 down vs Week 3
10341160	---		0.000559554	-2.11101	Week 6 down vs Week 3
10461311	NM_144872 // Eml3 // echinoderm microtubule associated protein like 3 // 19 A //	Eml3	6.37995E-09	-2.10973	Week 6 down vs Week 3
10343011	---		0.000611459	-2.10961	Week 6 down vs Week 3
10575775	BC158118 // 4933407C03Rik // RIKEN cDNA 4933407C03 gene // 8 E1 // 74440 /// ENS	4933407C03Rik	2.56891E-10	-2.10953	Week 6 down vs Week 3
10585588	NM_139001 // Cspg4 // chondroitin sulfate proteoglycan 4 // 9 B // 121021 /// EN	Cspg4	1.26687E-07	-2.1094	Week 6 down vs Week 3
10371041	NM_024499 // Sgta // small glutamine-rich tetratricopeptide repeat (TPR)-contain	Sgta	3.5E-14	-2.10928	Week 6 down vs Week 3
10342696	---		1.49023E-08	-2.10878	Week 6 down vs Week 3
10344242	---		6.34361E-05	-2.10764	Week 6 down vs Week 3
10341187	---		6.45795E-08	-2.10718	Week 6 down vs Week 3
10572647	NM_011977 // Slc27a1 // solute carrier family 27 (fatty acid transporter), membe	Slc27a1	9.07615E-09	-2.10652	Week 6 down vs Week 3
10417700	XR_033308 // Gm8483 // enolase 1, alpha non-neuron pseudogene // 14 A2 // 667152	Gm8483	1.15908E-09	-2.10626	Week 6 down vs Week 3
10444420	NM_018862 // Agpat1 // 1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosp	Agpat1	2E-15	-2.10603	Week 6 down vs Week 3
10584481	XR_033953 // Gm8543 // predicted gene 8543 // 9 A5.1 // 667260	Gm8543	6.36879E-09	-2.10593	Week 6 down vs Week 3
10549700	NM_146177 // Suv420h2 // suppressor of variegation 4-20 homolog 2 (Drosophila) /	Suv420h2	4.4925E-11	-2.10549	Week 6 down vs Week 3
10581395	NM_009195 // Slc12a4 // solute carrier family 12, member 4 // 8 D3|8 53.0 cM //	Slc12a4	1.29605E-07	-2.10537	Week 6 down vs Week 3
10517301	NM_145554 // Ldlrap1 // low density lipoprotein receptor adaptor protein 1 // 4	Ldlrap1	1.3315E-11	-2.10534	Week 6 down vs Week 3
10341459	---		2.995E-12	-2.10518	Week 6 down vs Week 3
10558961	NM_053082 // Tspan4 // tetraspanin 4 // 7 F5 // 64540 /// ENSMUST00000026585 //	Tspan4	1.46844E-06	-2.10518	Week 6 down vs Week 3
10339279	---		0.000249417	-2.10455	Week 6 down vs Week 3
10471677	NM_001114124 // Dab2ip // disabled homolog 2 (Drosophila) interacting protein //	Dab2ip	2.667E-12	-2.10405	Week 6 down vs Week 3
10587799	NM_008880 // Plscr2 // phospholipid scramblase 2 // 9 E3.3 // 18828 /// ENSMUST0	Plscr2	1.3536E-06	-2.10363	Week 6 down vs Week 3
10408008	---		1.48853E-08	-2.10347	Week 6 down vs Week 3
10592802	NM_027909 // C2cd2l // C2 calcium-dependent domain containing 2-like // 9 B // 7	C2cd2l	0.000093627	-2.10323	Week 6 down vs Week 3
10404686	NM_007556 // Bmp6 // bone morphogenetic protein 6 // 13 A3.3|13 20.0 cM // 12161	Bmp6	3.14556E-06	-2.10314	Week 6 down vs Week 3
10449191	NM_015830 // Solh // small optic lobes homolog (Drosophila) // 17 A3 // 50817 //	Solh	1.63842E-10	-2.10276	Week 6 down vs Week 3
10340881	---		3.17748E-05	-2.10039	Week 6 down vs Week 3
10517274	NM_029100 // Sepn1 // selenoprotein N, 1 // 4 D3 // 74777 /// ENSMUST00000060435	Sepn1	3.20584E-06	-2.10022	Week 6 down vs Week 3
10340121	---		6.1409E-06	-2.09945	Week 6 down vs Week 3
10383088	NM_008064 // Gaa // glucosidase, alpha, acid // 11 D-E|11 74.0 cM // 14387 /// N	Gaa	1.10653E-08	-2.09936	Week 6 down vs Week 3
10424894	NM_175457 // Heatr7a // HEAT repeat containing 7A // 15 D3 // 223658 /// ENSMUST	Heatr7a	2.2561E-11	-2.0993	Week 6 down vs Week 3
10506488	NM_080555 // Ppap2b // phosphatidic acid phosphatase type 2B // 4 C6|4 52.7 cM /	Ppap2b	0.000104286	-2.09881	Week 6 down vs Week 3
10338131	---		3.38835E-05	-2.09808	Week 6 down vs Week 3
10338421	---		3.76903E-08	-2.09768	Week 6 down vs Week 3
10341530	---		1.31009E-07	-2.09716	Week 6 down vs Week 3
10350015	NM_028320 // Adipor1 // adiponectin receptor 1 // 1 E4 // 72674 /// ENSMUST00000	Adipor1	2.407E-12	-2.09682	Week 6 down vs Week 3
10344234	---		1.23324E-10	-2.09609	Week 6 down vs Week 3
10344437	---		4.88236E-05	-2.09597	Week 6 down vs Week 3
10344557	---		2.61154E-05	-2.09576	Week 6 down vs Week 3
10342819	---		0.000279501	-2.09541	Week 6 down vs Week 3
10429140	NM_008681 // Ndrg1 // N-myc downstream regulated gene 1 // 15 D2 // 17988 /// EN	Ndrg1	0.000178385	-2.09508	Week 6 down vs Week 3
10602675	---		3.54E-13	-2.09485	Week 6 down vs Week 3
10607361	---		3.54E-13	-2.09485	Week 6 down vs Week 3
10339948	---		0.000391913	-2.09476	Week 6 down vs Week 3
10343410	---		0.000544922	-2.09445	Week 6 down vs Week 3
10559635	NM_024172 // Hspbp1 // HSPA (heat shock 70kDa) binding protein, cytoplasmic coch	Hspbp1	0	-2.09353	Week 6 down vs Week 3
10463661	NM_053100 // Trim8 // tripartite motif protein 8 // 19 D1 // 93679 /// ENSMUST00	Trim8	3.36E-13	-2.09325	Week 6 down vs Week 3
10388194	NM_153060 // Spns2 // spinster homolog 2 (Drosophila) // 11 B4 // 216892 /// ENS	Spns2	2.52387E-07	-2.09227	Week 6 down vs Week 3
10576973	NM_009931 // Col4a1 // collagen, type IV, alpha 1 // 8 A1.1|8 5.0 cM // 12826 //	Col4a1	3.45455E-05	-2.09178	Week 6 down vs Week 3
10392221	NM_008816 // Pecam1 // platelet/endothelial cell adhesion molecule 1 // 11 E1 //	Pecam1	0.00203785	-2.09128	Week 6 down vs Week 3
10547701	NM_008995 // Pex5 // peroxisomal biogenesis factor 5 // 6 F2|6 59.6 cM // 19305	Pex5	2.064E-12	-2.09092	Week 6 down vs Week 3
10344091	---		0.000297305	-2.09066	Week 6 down vs Week 3
10352936	NM_011441 // Sox17 // SRY-box containing gene 17 // 1 A1|1 7.0 cM // 20671 /// E	Sox17	1.20208E-06	-2.09029	Week 6 down vs Week 3
10536895	NM_025381 // Atp6v1f // ATPase, H+ transporting, lysosomal V1 subunit F // 6 A3	Atp6v1f	1.01812E-10	-2.08889	Week 6 down vs Week 3
10555736	NM_147093 // Olfr558 // olfactory receptor 558 // --- // 259097 /// ENSMUST00000	Olfr558	2.02701E-05	-2.08785	Week 6 down vs Week 3
10355403	NM_010233 // Fn1 // fibronectin 1 // 1 C1-C5|1 36.1 cM // 14268 /// ENSMUST00000	Fn1	6.91224E-06	-2.08771	Week 6 down vs Week 3
10460400	NM_008797 // Pcx // pyruvate carboxylase // 19 A|19 0.0 cM // 18563 /// ENSMUST0	Pcx	3.67802E-07	-2.08508	Week 6 down vs Week 3
10380871	NM_021547 // Stard3 // START domain containing 3 // 11 D // 59045 /// ENSMUST000	Stard3	1.997E-12	-2.08493	Week 6 down vs Week 3
10346840	XR_033701 // Gm11599 // predicted gene 11599 // 1 C2 // 667592	Gm11599	1.7E-14	-2.08491	Week 6 down vs Week 3
10445664	NM_146079 // Guca1b // guanylate cyclase activator 1B // 17 C // 107477 /// ENSM	Guca1b	0.00013313	-2.08481	Week 6 down vs Week 3

10341146	---		0.00017509	-2.08386	Week 6 down vs Week 3
10468309	AK009333 // 2310014D11Rik // RIKEN cDNA 2310014D11 gene // --- // 69633	2310014D11Rik	2.82279E-08	-2.08377	Week 6 down vs Week 3
10474526	NM_207206 // Lpcat4 // lysophosphatidylcholine acyltransferase 4 // 2 E3 // 9901	Lpcat4	0.000093566	-2.08248	Week 6 down vs Week 3
10424781	NM_023168 // Grina // glutamate receptor, ionotropic, N-methyl D-aspartate-assoc	Grina	2.91219E-06	-2.08223	Week 6 down vs Week 3
10534660	NM_007457 // Ap1s1 // adaptor protein complex AP-1, sigma 1 // 5 G1 // 11769 ///	Ap1s1	6.82295E-09	-2.08214	Week 6 down vs Week 3
10386473	NM_011480 // Srebf1 // sterol regulatory element binding transcription factor 1	Srebf1	3.059E-12	-2.08213	Week 6 down vs Week 3
10560592	NM_019649 // Clptm1 // cleft lip and palate associated transmembrane protein 1 /	Clptm1	3.10477E-10	-2.08205	Week 6 down vs Week 3
10516427	NM_011986 // Ncdn // neurochondrin // 4 D2.1 // 26562 /// ENSMUST00000030637 //	Ncdn	3.6484E-11	-2.08192	Week 6 down vs Week 3
10492426	NM_153807 // Acsf2 // acyl-CoA synthetase family member 2 // 11 D // 264895 ///	Acsf2	6.73372E-07	-2.08186	Week 6 down vs Week 3
10560190	NM_153068 // Ehd2 // EH-domain containing 2 // 7 A2|7 15.13 cM // 259300 /// ENS	Ehd2	1.69689E-08	-2.08185	Week 6 down vs Week 3
10342828	---		0.000220579	-2.08159	Week 6 down vs Week 3
10544002	NM_178661 // Creb3l2 // cAMP responsive element binding protein 3-like 2 // 6 B1	Creb3l2	2.28424E-08	-2.08055	Week 6 down vs Week 3
10487871	NM_007682 // Cenpb // centromere protein B // 2 F1|2 73.9 cM // 12616 /// ENSMUS	Cenpb	5.31761E-10	-2.08023	Week 6 down vs Week 3
10340941	---		8.23964E-05	-2.07932	Week 6 down vs Week 3
10550531	NM_026605 // Sympk // symplekin // 7 A3 // 68188 /// ENSMUST00000023882 // Sympk	Sympk	0	-2.07857	Week 6 down vs Week 3
10339225	---		4.43731E-08	-2.07853	Week 6 down vs Week 3
10449266	NM_207217 // Itfg3 // integrin alpha FG-GAP repeat containing 3 // 17 A3.3 // 10	Itfg3	5.2935E-11	-2.07846	Week 6 down vs Week 3
10355554	NM_146110 // Aamp // angio-associated migratory protein // 1 C3 // 227290 /// EN	Aamp	4.625E-11	-2.07836	Week 6 down vs Week 3
10344036	---		0.0000123	-2.07777	Week 6 down vs Week 3
10364784	NM_139292 // Reep6 // receptor accessory protein 6 // 10 C1 // 70335 /// ENSMUST	Reep6	0.0047009	-2.07742	Week 6 down vs Week 3
10339547	---		1.07146E-06	-2.07735	Week 6 down vs Week 3
10343001	---		0.000241226	-2.07708	Week 6 down vs Week 3
10408613	NM_023716 // Tubb2b // tubulin, beta 2B // 13 A4 // 73710 /// ENSMUST00000075774	Tubb2b	2.52893E-06	-2.07683	Week 6 down vs Week 3
10444068	NM_001025313 // Tapbp // TAP binding protein // 17 B1|17 18.41 cM // 21356 /// N	Tapbp	9.87491E-10	-2.07659	Week 6 down vs Week 3
10447517	NR_003519 // Pisd-ps2 // phosphatidylserine decarboxylase, pseudogene 2 // 17 A1	Pisd-ps2	6.09595E-10	-2.07644	Week 6 down vs Week 3
10524866	NM_001033311 // BC023744 // cDNA sequence BC023744 // 5 F // 231668 /// ENSMUST0	BC023744	2.00883E-09	-2.07634	Week 6 down vs Week 3
10383365	NM_001159328 // Hgs // HGF-regulated tyrosine kinase substrate // 11 E2|11 75.0	Hgs	6E-15	-2.07608	Week 6 down vs Week 3
10347508	NM_170755 // Fam134a // family with sequence similarity 134, member A // 1 C3 //	Fam134a	1.1614E-11	-2.07562	Week 6 down vs Week 3
10600994	NM_133205 // Arr3 // arrestin 3, retinal // X C2 // 170735 /// ENSMUST0000011376	Arr3	0.012255	-2.07469	Week 6 down vs Week 3
10529875	NM_001077398 // Ldb2 // LIM domain binding 2 // 5 B3 // 16826 /// NM_010698 // L	Ldb2	0.0011246	-2.07433	Week 6 down vs Week 3
10586433	NM_028030 // Rbpms2 // RNA binding protein with multiple splicing 2 // 9 C // 71	Rbpms2	1.44862E-08	-2.07411	Week 6 down vs Week 3
10392464	NM_153782 // Fam20a // family with sequence similarity 20, member A // 11 E1 //	Fam20a	1.22738E-08	-2.07378	Week 6 down vs Week 3
10344254	---		0.00057589	-2.07319	Week 6 down vs Week 3
10526241	NM_009902 // Cldn3 // claudin 3 // 5 G2|5 75.0 cM // 12739 /// ENSMUST0000009424	Cldn3	8.77343E-07	-2.07315	Week 6 down vs Week 3
10533095	NM_172721 // Fbxw8 // F-box and WD-40 domain protein 8 // 5 F // 231672 /// ENSM	Fbxw8	5.24E-13	-2.07271	Week 6 down vs Week 3
10431410	NM_011161 // Mapk11 // mitogen-activated protein kinase 11 // --- // 19094 /// E	Mapk11	2.03481E-06	-2.07235	Week 6 down vs Week 3
10341942	---		5.83401E-05	-2.07105	Week 6 down vs Week 3
10485378	NM_001083810 // Prr5l // proline rich 5 like // 2 E2 // 72446 /// NM_175181 // P	Prr5l	7.79643E-07	-2.07096	Week 6 down vs Week 3
10456601	NM_028868 // Cxxc1 // CXXC finger 1 (PHD domain) // 18 E2 // 74322 /// ENSMUST00	Cxxc1	7.97E-13	-2.07041	Week 6 down vs Week 3
10517587	NM_007431 // Alpl // alkaline phosphatase, liver/bone/kidney // 4 D3|4 70.2 cM /	Alpl	8.07285E-05	-2.06888	Week 6 down vs Week 3
10339838	---		0.00177862	-2.06815	Week 6 down vs Week 3
10338844	---		6.00701E-06	-2.06812	Week 6 down vs Week 3
10580010	NM_177262 // Pkn1 // protein kinase N1 // 8 C2 // 320795 /// ENSMUST00000005616	Pkn1	1.1622E-11	-2.06785	Week 6 down vs Week 3
10338528	---		8.69732E-09	-2.06741	Week 6 down vs Week 3
10548000	NM_010736 // Ltbr // lymphotoxin B receptor // 6 F3|6 60.4 cM // 17000 /// ENSMU	Ltbr	8.37E-13	-2.06715	Week 6 down vs Week 3
10401244	NM_134156 // Actn1 // actinin, alpha 1 // 12 C3|12 35.0 cM // 109711 /// ENSMUST	Actn1	0.000012776	-2.06714	Week 6 down vs Week 3
10364280	NM_145925 // Pttg1ip // pituitary tumor-transforming 1 interacting protein // 10	Pttg1ip	1.95833E-06	-2.06688	Week 6 down vs Week 3
10339211	---		0.0014187	-2.06668	Week 6 down vs Week 3
10343904	---		2.87591E-07	-2.06612	Week 6 down vs Week 3
10552857	NM_182993 // Slc17a7 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a7	0.0260932	-2.06559	Week 6 down vs Week 3
10575993	BC027126 // 6430548M08Rik // RIKEN cDNA 6430548M08 gene // 8 E1 // 234797 /// AK	6430548M08Rik	1.35662E-08	-2.06558	Week 6 down vs Week 3
10341587	---		0.000515987	-2.06551	Week 6 down vs Week 3
10440300	---		1.26295E-09	-2.06547	Week 6 down vs Week 3
10346015	NM_009930 // Col3a1 // collagen, type III, alpha 1 // 1 C1.1|1 25.0 cM // 12825	Col3a1	0.000837759	-2.06536	Week 6 down vs Week 3
10344290	---		5.03348E-06	-2.06313	Week 6 down vs Week 3
10588577	NM_009895 // Cish // cytokine inducible SH2-containing protein // 9 F1|9 59.0 cM	Cish	1.691E-12	-2.06146	Week 6 down vs Week 3
10427125	NM_008344 // Igfbp6 // insulin-like growth factor binding protein 6 // 15 F3 //	Igfbp6	0.00619201	-2.06024	Week 6 down vs Week 3
10408243	NM_178193 // Hist1h4b // histone cluster 1, H4b // 13 A2-A3 // 326620 /// NM_175	Hist1h4b	4.19154E-06	-2.0602	Week 6 down vs Week 3
10340246	---		7.56761E-06	-2.05976	Week 6 down vs Week 3
10515688	FJ998170 // BC059842 // cDNA sequence BC059842 // 4 D2.1 // 230676 /// ENSMUST00	BC059842	3.85381E-09	-2.05928	Week 6 down vs Week 3
10463224	BC054384 // Marveld1 // MARVEL (membrane-associating) domain containing 1 // 19	Marveld1	1.6217E-08	-2.05874	Week 6 down vs Week 3
10444524	NM_145830 // Ehmt2 // euchromatic histone lysine N-methyltransferase 2 // 17 B1	Ehmt2	9E-15	-2.0587	Week 6 down vs Week 3
10500329	NM_013549 // Hist2h2aa1 // histone cluster 2, H2aa1 // 3 F1-F2|3 45.2 cM // 1526	Hist2h2aa1	2.36808E-08	-2.05861	Week 6 down vs Week 3
10451907	NM_013664 // Sh3gl1 // SH3-domain GRB2-like 1 // 17 D|17 35.0 cM // 20405 /// EN	Sh3gl1	1E-15	-2.05817	Week 6 down vs Week 3
10460603	NM_021474 // Efemp2 // epidermal growth factor-containing fibulin-like extracell	Efemp2	3.92248E-06	-2.05771	Week 6 down vs Week 3

10340479	---		8.21128E-06	-2.0571	Week 6 down vs Week 3
10344420	---		0.000310469	-2.0568	Week 6 down vs Week 3
10572637	NM_028617 // Fam125a // family with sequence similarity 125, member A // 8 C1 //	Fam125a	3.9E-14	-2.05642	Week 6 down vs Week 3
10341236	---		0.00238417	-2.05628	Week 6 down vs Week 3
10350146	NM_013750 // Phlda3 // pleckstrin homology-like domain, family A, member 3 // 1	Phlda3	3.37141E-09	-2.05617	Week 6 down vs Week 3
10577190	NM_009025 // Rasa3 // RAS p21 protein activator 3 // 8 A1.1 // 19414 /// ENSMUST	Rasa3	1.16251E-10	-2.05591	Week 6 down vs Week 3
10340790	---		5.21862E-07	-2.05566	Week 6 down vs Week 3
10370021	NM_010798 // Mif // macrophage migration inhibitory factor // 10 C1|10 40.9 cM /	Mif	2.9128E-08	-2.05547	Week 6 down vs Week 3
10342946	---		0.000115023	-2.05522	Week 6 down vs Week 3
10508608	NM_026441 // Pef1 // penta-EF hand domain containing 1 // 4 D3 // 67898 /// ENSM	Pef1	1.68825E-08	-2.05491	Week 6 down vs Week 3
10526943	NM_001038703 // Gpr146 // G protein-coupled receptor 146 // 5 G1 // 80290 /// NM	Gpr146	1.45508E-07	-2.05456	Week 6 down vs Week 3
10574682	NM_148952 // E2f4 // E2F transcription factor 4 // 8 D3 // 104394 /// ENSMUST000	E2f4	1.87E-13	-2.05437	Week 6 down vs Week 3
10532839	NM_022017 // Trpv4 // transient receptor potential cation channel, subfamily V,	Trpv4	1.5542E-11	-2.05361	Week 6 down vs Week 3
10510482	NM_023051 // Clstn1 // calsyntenin 1 // --- // 65945 /// ENSMUST00000039144 // C	Clstn1	1.3264E-08	-2.05318	Week 6 down vs Week 3
10344305	---		4.16788E-05	-2.05238	Week 6 down vs Week 3
10380489	NM_146025 // Samd14 // sterile alpha motif domain containing 14 // 11 D // 21712	Samd14	2.06224E-08	-2.05172	Week 6 down vs Week 3
10517067	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	0.00516051	-2.05104	Week 6 down vs Week 3
10376690	NM_008502 // Llgl1 // lethal giant larvae homolog 1 (Drosophila) // 11 B2|11 34.	Llgl1	5.2E-14	-2.05088	Week 6 down vs Week 3
10509163	NM_008321 // Id3 // inhibitor of DNA binding 3 // 4 D3|4 66.0 cM // 15903 /// EN	Id3	0.000383296	-2.04951	Week 6 down vs Week 3
10479975	---		4.20315E-06	-2.04892	Week 6 down vs Week 3
10408610	NM_009450 // Tubb2a // tubulin, beta 2A // 13 A3.3|13 16.0 cM // 22151 /// ENSMU	Tubb2a	1.81814E-07	-2.04886	Week 6 down vs Week 3
10340808	---		5.75595E-05	-2.04867	Week 6 down vs Week 3
10340534	---		5.18107E-07	-2.04865	Week 6 down vs Week 3
10533751	NM_011256 // Pitpnm2 // phosphatidylinositol transfer protein, membrane-associat	Pitpnm2	3.31127E-09	-2.04862	Week 6 down vs Week 3
10343986	---		8.59343E-05	-2.04857	Week 6 down vs Week 3
10338470	---		9.92865E-05	-2.04848	Week 6 down vs Week 3
10343084	---		1.78702E-05	-2.04821	Week 6 down vs Week 3
10341527	---		4.53188E-05	-2.04745	Week 6 down vs Week 3
10378697	NM_008659 // Myo1c // myosin IC // 11 C-E1|11 44.13 cM // 17913 /// NM_001080775	Myo1c	6.73529E-08	-2.0469	Week 6 down vs Week 3
10461277	NM_008060 // Ganab // alpha glucosidase 2 alpha neutral subunit // 19 A // 14376	Ganab	4.928E-11	-2.04674	Week 6 down vs Week 3
10500089	---		1.76517E-09	-2.04659	Week 6 down vs Week 3
10518568	XR_034527 // Gm13208 // ribosomal protein SA pseudogene // 4 E2 // 666774	Gm13208	1.0158E-08	-2.04655	Week 6 down vs Week 3
10584653	NM_145613 // C1qtnf5 // C1q and tumor necrosis factor related protein 5 // 9 A5.	C1qtnf5	3.08616E-05	-2.04442	Week 6 down vs Week 3
10341083	---		1.48159E-06	-2.04376	Week 6 down vs Week 3
10508805	NM_153423 // Wasf2 // WAS protein family, member 2 // 4 D2.3 // 242687 /// ENSMU	Wasf2	2.4473E-11	-2.04145	Week 6 down vs Week 3
10545692	ENSMUST00000056191 // Tet3 // tet oncogene family member 3 // 6 C3 // 194388	Tet3	2.62016E-09	-2.04113	Week 6 down vs Week 3
10591622	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	2.10101E-05	-2.04037	Week 6 down vs Week 3
10575976	NM_030209 // Crispld2 // cysteine-rich secretory protein LCCL domain containing	Crispld2	0.00050023	-2.03992	Week 6 down vs Week 3
10387505	NM_013415 // Atp1b2 // ATPase, Na+/K+ transporting, beta 2 polypeptide // 11 B3|	Atp1b2	0.00955801	-2.03967	Week 6 down vs Week 3
10608717	---		1.765E-12	-2.03933	Week 6 down vs Week 3
10340684	---		2.65673E-07	-2.03929	Week 6 down vs Week 3
10562989	NM_153679 // Cpt1c // carnitine palmitoyltransferase 1c // 7 B2 // 78070 /// ENS	Cpt1c	1.26188E-09	-2.0381	Week 6 down vs Week 3
10478048	NM_008489 // Lbp // lipopolysaccharide binding protein // 2 H1|2 83.0 cM // 1680	Lbp	0.00315313	-2.03805	Week 6 down vs Week 3
10524983	NM_172424 // Med13l // mediator complex subunit 13-like // 5 F // 76199 /// ENSM	Med13l	4.409E-12	-2.03799	Week 6 down vs Week 3
10589196	NM_025407 // Uqcrc1 // ubiquinol-cytochrome c reductase core protein 1 // 9 F2|9	Uqcrc1	2.02565E-09	-2.03797	Week 6 down vs Week 3
10338105	---		0.00132481	-2.03774	Week 6 down vs Week 3
10526675	NM_023910 // Tsc22d4 // TSC22 domain family, member 4 // 5 G2 // 78829 /// ENSMU	Tsc22d4	3.19745E-10	-2.03765	Week 6 down vs Week 3
10340125	---		0.0007326	-2.03754	Week 6 down vs Week 3
10370376	NM_008826 // Pfkl // phosphofructokinase, liver, B-type // 10 C1|10 41.7 cM // 1	Pfkl	8.39088E-08	-2.03713	Week 6 down vs Week 3
10342063	---		1.82724E-05	-2.03711	Week 6 down vs Week 3
10499883	NM_019822 // Adrm1 // adhesion regulating molecule 1 // 2 H4 // 56436 /// ENSMUS	Adrm1	5.9E-14	-2.03708	Week 6 down vs Week 3
10413018	BC151046 // 2310021P13Rik // RIKEN cDNA 2310021P13 gene // 14 A3 // 268721 /// N	2310021P13Rik	1.53016E-09	-2.03629	Week 6 down vs Week 3
10344173	---		0.000131555	-2.03521	Week 6 down vs Week 3
10525111	NM_028041 // Ddx54 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 54 // 5 F // 71990	Ddx54	1.07E-13	-2.03433	Week 6 down vs Week 3
10403943	NM_178200 // Hist1h2bm // histone cluster 1, H2bm // --- // 319186 /// ENSMUST00	Hist1h2bm	2.31859E-05	-2.03433	Week 6 down vs Week 3
10586390	NM_001033158 // Rasl12 // RAS-like, family 12 // 9 C // 70784 /// ENSMUST0000008	Rasl12	9.13654E-07	-2.03413	Week 6 down vs Week 3
10578123	NM_019733 // Rbpms // RNA binding protein gene with multiple splicing // 8 A4 //	Rbpms	2.74604E-06	-2.03385	Week 6 down vs Week 3
10377927	NM_027445 // Rnf167 // ring finger protein 167 // 11 B4 // 70510 /// ENSMUST0000	Rnf167	3.06503E-09	-2.03349	Week 6 down vs Week 3
10485170	NM_009963 // Cry2 // cryptochrome 2 (photolyase-like) // 2 E // 12953 /// NM_001	Cry2	2.11E-13	-2.03335	Week 6 down vs Week 3
10545682	---		1.03777E-09	-2.03231	Week 6 down vs Week 3
10460666	NM_008520 // Ltbp3 // latent transforming growth factor beta binding protein 3 /	Ltbp3	0.000002128	-2.03228	Week 6 down vs Week 3
10547869	NM_013534 // Leprel2 // leprecan-like 2 // 6 F2|6 60.19 cM // 14789 /// ENSMUST0	Leprel2	3.49202E-07	-2.03191	Week 6 down vs Week 3
10497321	NM_023418 // Pgam1 // phosphoglycerate mutase 1 // 19 C3 // 18648 /// ENSMUST000	Pgam1	2.29158E-07	-2.03154	Week 6 down vs Week 3
10340708	---		0.000461602	-2.03073	Week 6 down vs Week 3
10341787	---		6.395E-12	-2.03042	Week 6 down vs Week 3

10562942	NM_029365 // Med25 // mediator of RNA polymerase II transcription, subunit 25 ho	Med25	5.3E-14	-2.02976	Week 6 down vs Week 3
10466087	NM_134142 // Tmem109 // transmembrane protein 109 // 19 A // 68539 /// ENSMUST00	Tmem109	3.4598E-09	-2.02966	Week 6 down vs Week 3
10474201	NM_008505 // Lmo2 // LIM domain only 2 // 2 E2|2 60.0 cM // 16909 /// NM_0011423	Lmo2	2.74989E-05	-2.02932	Week 6 down vs Week 3
10432256	NM_007478 // Arf3 // ADP-ribosylation factor 3 // 15 F2 // 11842 /// ENSMUST0000	Arf3	5.6254E-11	-2.02862	Week 6 down vs Week 3
10425852	NM_133167 // Parvb // parvin, beta // 15 E3 // 170736 /// ENSMUST00000023072 //	Parvb	1.19768E-05	-2.02812	Week 6 down vs Week 3
10507284	XR_032826 // Gm12950 // predicted gene 12950 // 4 D1 // 631400	Gm12950	9.9056E-09	-2.02752	Week 6 down vs Week 3
10492402	NM_010597 // Kcnab1 // potassium voltage-gated channel, shaker-related subfamily	Kcnab1	1.33309E-05	-2.02744	Week 6 down vs Week 3
10431528	NM_178919 // Lmf2 // lipase maturation factor 2 // 15 E3 // 105847 /// ENSMUST00	Lmf2	3.3506E-11	-2.02707	Week 6 down vs Week 3
10402766	NM_009652 // Akt1 // thymoma viral proto-oncogene 1 // 12 F1|12 F1-F2|12 57.0 cM	Akt1	9.7482E-11	-2.0269	Week 6 down vs Week 3
10341962	---		3.55532E-06	-2.02614	Week 6 down vs Week 3
10426751	NM_026669 // Tmbim6 // transmembrane BAX inhibitor motif containing 6 // 15 F3|1	Tmbim6	4.53423E-08	-2.02467	Week 6 down vs Week 3
10471814	NM_177383 // Gpr21 // G protein-coupled receptor 21 // 2 B // 338346 /// ENSMUST	Gpr21	6.01266E-09	-2.02448	Week 6 down vs Week 3
10573234	NM_181039 // Lphn1 // latrophilin 1 // 8 C3 // 330814 /// ENSMUST00000045393 //	Lphn1	7.89606E-07	-2.02403	Week 6 down vs Week 3
10338973	---		3.68194E-05	-2.02397	Week 6 down vs Week 3
10542762	XR_031050 // Gm6266 // predicted gene 6266 // 6 G3 // 621842	Gm6266	4.40429E-10	-2.02355	Week 6 down vs Week 3
10340821	---		0.000828878	-2.02325	Week 6 down vs Week 3
10563077	NM_026555 // Rcn3 // reticulocalbin 3, EF-hand calcium binding domain // 7 B4|7	Rcn3	0.00218864	-2.02253	Week 6 down vs Week 3
10343750	---		0.00414241	-2.02246	Week 6 down vs Week 3
10342442	---		2.08991E-05	-2.02245	Week 6 down vs Week 3
10405287	NM_025933 // Higd2a // HIG1 domain family, member 2A // 13 B1 // 67044 /// ENSMU	Higd2a	4.25624E-10	-2.0214	Week 6 down vs Week 3
10422013	NM_010636 // Klf12 // Kruppel-like factor 12 // --- // 16597 /// ENSMUST00000097	Klf12	6.50651E-06	-2.02131	Week 6 down vs Week 3
10444137	NM_011306 // Rxrb // retinoid X receptor beta // 17 B1|17 18.49 cM // 20182 ///	Rxrb	3.6226E-11	-2.02103	Week 6 down vs Week 3
10341597	---		0.000187696	-2.02095	Week 6 down vs Week 3
10338293	---		0.000622545	-2.02048	Week 6 down vs Week 3
10461237	NM_008144 // Bscl2 // Bernardinelli-Seip congenital lipodystrophy 2 homolog (hum	Bscl2	5.9021E-11	-2.0203	Week 6 down vs Week 3
10487925	NM_009077 // Rpl18 // ribosomal protein L18 // 7 B4 // 19899 /// ENSMUST00000075	Rpl18	3.95643E-10	-2.02002	Week 6 down vs Week 3
10430956	NM_029787 // Cyb5r3 // cytochrome b5 reductase 3 // 15 45.2 cM // 109754 /// ENS	Cyb5r3	3.10388E-09	-2.01963	Week 6 down vs Week 3
10597136	NM_001081043 // Ptpn23 // protein tyrosine phosphatase, non-receptor type 23 //	Ptpn23	5E-15	-2.01962	Week 6 down vs Week 3
10342590	---		1.23656E-05	-2.01943	Week 6 down vs Week 3
10413222	NM_134084 // Ppif // peptidylprolyl isomerase F (cyclophilin F) // 14 A3 // 1056	Ppif	8.7E-14	-2.01871	Week 6 down vs Week 3
10593927	NM_020270 // Scamp5 // secretory carrier membrane protein 5 // 9 B // 56807 ///	Scamp5	0.000233327	-2.01858	Week 6 down vs Week 3
10460879	NM_008583 // Men1 // multiple endocrine neoplasia 1 // 19 A // 17283 /// ENSMUST	Men1	6E-14	-2.01843	Week 6 down vs Week 3
10364814	NM_019575 // Scamp4 // secretory carrier membrane protein 4 // 10 C1 // 56214 //	Scamp4	9.35E-13	-2.01821	Week 6 down vs Week 3
10414163	NM_146245 // Lrit1 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit1	0.00468925	-2.01762	Week 6 down vs Week 3
10338196	---		1.48815E-07	-2.01753	Week 6 down vs Week 3
10458428	NM_013840 // Uxt // ubiquitously expressed transcript // X A2 // 22294 /// ENSMU	Uxt	7.5821E-11	-2.01745	Week 6 down vs Week 3
10507840	NM_013905 // Heyl // hairy/enhancer-of-split related with YRPW motif-like // 4 D	Heyl	3.87453E-05	-2.01723	Week 6 down vs Week 3
10580181	---		2.2421E-09	-2.01656	Week 6 down vs Week 3
10370471	NM_053014 // Agpat3 // 1-acylglycerol-3-phosphate O-acyltransferase 3 // 10 C1|1	Agpat3	1.01155E-06	-2.01637	Week 6 down vs Week 3
10424607	NM_008975 // Ptp4a3 // protein tyrosine phosphatase 4a3 // 15 E1 // 19245 /// EN	Ptp4a3	2.28256E-05	-2.01631	Week 6 down vs Week 3
10464603	NM_016666 // Aip // aryl-hydrocarbon receptor-interacting protein // 19 A|19 0.0	Aip	5.78E-13	-2.0159	Week 6 down vs Week 3
10338913	---		7.2047E-06	-2.01549	Week 6 down vs Week 3
10342201	---		2.62224E-07	-2.01521	Week 6 down vs Week 3
10596931	NM_031392 // Wdr6 // WD repeat domain 6 // 9 F2 // 83669 /// ENSMUST00000068700	Wdr6	1.87675E-06	-2.01515	Week 6 down vs Week 3
10504294	NM_001037709 // Rusc2 // RUN and SH3 domain containing 2 // 4 A5 // 100213 /// N	Rusc2	1.4994E-08	-2.01486	Week 6 down vs Week 3
10342949	---		3.67047E-07	-2.01486	Week 6 down vs Week 3
10507484	NM_080469 // Eri3 // exoribonuclease 3 // 4 D1 // 140546 /// ENSMUST00000037127	Eri3	1.6722E-11	-2.01447	Week 6 down vs Week 3
10471045	NM_138748 // Ppp2r4 // protein phosphatase 2A, regulatory subunit B (PR 53) // 2	Ppp2r4	1.47315E-10	-2.01414	Week 6 down vs Week 3
10432190	NM_007405 // Adcy6 // adenylate cyclase 6 // 15 F // 11512 /// ENSMUST0000009622	Adcy6	1.26864E-08	-2.01351	Week 6 down vs Week 3
10373521	NM_177411 // Rab5b // RAB5B, member RAS oncogene family // 10 D3 // 19344 /// EN	Rab5b	5.1149E-11	-2.01344	Week 6 down vs Week 3
10389022	NM_177390 // Myo1d // myosin ID // 11 B5|11 46.0 cM // 338367 /// ENSMUST0000004	Myo1d	1.6323E-08	-2.013	Week 6 down vs Week 3
10564631	NM_023908 // Slco3a1 // solute carrier organic anion transporter family, member	Slco3a1	1.45426E-07	-2.01265	Week 6 down vs Week 3
10339250	---		6.22749E-05	-2.0123	Week 6 down vs Week 3
10583519	NM_010493 // Icam1 // intercellular adhesion molecule 1 // 9 A3|9 7.0 cM // 1589	Icam1	1.69682E-08	-2.01212	Week 6 down vs Week 3
10408210	NM_023422 // Hist1h2bc // histone cluster 1, H2bc // 13 A3.1 // 68024 /// NM_001	Hist1h2bc	5.77785E-05	-2.01138	Week 6 down vs Week 3
10344522	---		0.000113075	-2.01127	Week 6 down vs Week 3
10415413	BC151043 // BC030046 // cDNA sequence BC030046 // 14 C3 // 277154	BC030046	4.5899E-08	-2.01062	Week 6 down vs Week 3
10338876	---		0.0011536	-2.01005	Week 6 down vs Week 3
10602644	NM_013668 // Kdm5c // lysine (K)-specific demethylase 5C // X F2-F4|X 64.0 cM //	Kdm5c	1.24028E-08	-2.01003	Week 6 down vs Week 3
10534716	---		0.00353536	-2.00873	Week 6 down vs Week 3
10606186	NM_009197 // Slc16a2 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a2	2.43459E-10	-2.00829	Week 6 down vs Week 3
10338228	---		7.014E-12	-2.00806	Week 6 down vs Week 3
10342006	---		1.37013E-06	-2.00771	Week 6 down vs Week 3
10344309	---		2.76454E-08	-2.00756	Week 6 down vs Week 3
10464167	NM_007419 // Adrb1 // adrenergic receptor, beta 1 // 19 D2|19 51.0 cM // 11554 /	Adrb1	9.1669E-11	-2.00689	Week 6 down vs Week 3

10392183	NM_023913 // Ern1 // endoplasmic reticulum (ER) to nucleus signalling 1 // 11 E1	Ern1	1.35692E-10	-2.00607	Week 6 down vs Week 3
10577114	NM_025768 // Grtp1 // GH regulated TBC protein 1 // 8 A1.1 // 66790 /// ENSMUST0	Grtp1	8.27969E-06	-2.0058	Week 6 down vs Week 3
10481056	NM_008714 // Notch1 // Notch gene homolog 1 (Drosophila) // 2 A3|2 15.0 cM // 18	Notch1	7.241E-12	-2.00509	Week 6 down vs Week 3
10443730	NM_009593 // Abcg1 // ATP-binding cassette, sub-family G (WHITE), member 1 // --	Abcg1	8.60718E-08	-2.00498	Week 6 down vs Week 3
10559146	NM_029426 // Brsk2 // BR serine/threonine kinase 2 // 7 F5 // 75770 /// NM_00100	Brsk2	0.00019894	-2.00492	Week 6 down vs Week 3
10516241	NM_001007573 // Maneal // mannosidase, endo-alpha-like // 4 D2.2 // 215090 /// E	Maneal	3.60182E-06	-2.00448	Week 6 down vs Week 3
10430020	NM_025842 // Vps28 // vacuolar protein sorting 28 (yeast) // 15 D3 // 66914 ///	Vps28	8.84687E-08	-2.00288	Week 6 down vs Week 3
10560510	NM_172279 // Mark4 // MAP/microtubule affinity-regulating kinase 4 // 7 A3 // 23	Mark4	1.003E-12	-2.00216	Week 6 down vs Week 3
10438340	NM_001111062 // Comt1 // catechol-O-methyltransferase 1 // 16 A3|16 11.2 cM // 1	Comt1	2.1626E-08	-2.00171	Week 6 down vs Week 3
10338837	---		0.000213239	-2.00163	Week 6 down vs Week 3
10355958	NM_023230 // Ube2v1 // ubiquitin-conjugating enzyme E2 variant 1 // 2 49.6 cM //	Ube2v1	8.6821E-10	-2.00111	Week 6 down vs Week 3
10349832	XR_033420 // Gm7246 // predicted gene 7246 // 1 E4|1 // 638636	Gm7246	6.46321E-07	-2.00065	Week 6 down vs Week 3
10370721	NM_183426 // Sbno2 // strawberry notch homolog 2 (Drosophila) // 10 C1 // 216161	Sbno2	6.777E-12	-2.00011	Week 6 down vs Week 3
10381619	NM_001110778 // Adam11 // a disintegrin and metallopeptidase domain 11 // 11 E1|	Adam11	6.89442E-09	-2.0001	Week 6 down vs Week 3
10483521	NM_177244 // Fastkd1 // FAST kinase domains 1 // 2 C2 // 320720 /// ENSMUST00000	Fastkd1	1.71728E-09	2.00009	Week 6 up vs Week 3
10510172	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	0.000015058	2.00077	Week 6 up vs Week 3
10342337	---		0.000217623	2.00081	Week 6 up vs Week 3
10545001	NM_175523 // Ppm1k // protein phosphatase 1K (PP2C domain containing) // 6 B3 //	Ppm1k	4.441E-12	2.00139	Week 6 up vs Week 3
10338185	---		0.00837271	2.00194	Week 6 up vs Week 3
10598071	---		0.00390443	2.00229	Week 6 up vs Week 3
10556158	NM_146773 // Olfr508 // olfactory receptor 508 // --- // 258769 /// ENSMUST00000	Olfr508	2.45793E-07	2.00239	Week 6 up vs Week 3
10466835	AF357408 // Snora19 // small nucleolar RNA, H/ACA box 19 // 19|19 // 100217439	Snora19	8.55775E-07	2.00263	Week 6 up vs Week 3
10468851	AF357408 // Snora19 // small nucleolar RNA, H/ACA box 19 // 19|19 // 100217439	Snora19	8.55775E-07	2.00263	Week 6 up vs Week 3
10345368	ENSMUST00000097783 // D1Ertd448e // DNA segment, Chr 1, ERATO Doi 448, expresse	D1Ertd448e	1.60561E-10	2.00278	Week 6 up vs Week 3
10343027	---		8.52E-12	2.00343	Week 6 up vs Week 3
10345869	NM_001081198 // Tmem182 // transmembrane protein 182 // 1 B // 381339 /// ENSMUS	Tmem182	0.0133286	2.00429	Week 6 up vs Week 3
10458052	NM_013512 // Epb4.1l4a // erythrocyte protein band 4.1-like 4a // 18 B1 // 13824	Epb4.1l4a	1.86659E-05	2.00475	Week 6 up vs Week 3
10339310	---		0.00130902	2.00536	Week 6 up vs Week 3
10407358	NM_145457 // Paip1 // polyadenylate binding protein-interacting protein 1 // 13	Paip1	1.80242E-07	2.0057	Week 6 up vs Week 3
10469732	NM_013771 // Yme1l1 // YME1-like 1 (S. cerevisiae) // 2 A3 // 27377 /// ENSMUST0	Yme1l1	5.67415E-07	2.00592	Week 6 up vs Week 3
10346549	NM_007624 // Cbx3 // chromobox homolog 3 (Drosophila HP1 gamma) // 6 B-C|6 26.0	Cbx3	9.91541E-07	2.00603	Week 6 up vs Week 3
10419416	BC023359 // 3632451O06Rik // RIKEN cDNA 3632451O06 gene // 14 C1 // 67419 /// NM	3632451O06Rik	8.56571E-06	2.00669	Week 6 up vs Week 3
10436800	ENSMUST00000060246 // 1110008E08Rik // RIKEN cDNA 1110008E08 gene // 16 C3.3 //	1110008E08Rik	6.76608E-09	2.00744	Week 6 up vs Week 3
10431564	NM_009948 // Cpt1b // carnitine palmitoyltransferase 1b, muscle // 15 E3|15 52.6	Cpt1b	0.00137065	2.00763	Week 6 up vs Week 3
10340303	---		0.000216078	2.00852	Week 6 up vs Week 3
10342430	---		3.02611E-06	2.00862	Week 6 up vs Week 3
10340575	---		0.000020295	2.00888	Week 6 up vs Week 3
10343104	---		2.78368E-05	2.00946	Week 6 up vs Week 3
10341691	---		0.00126741	2.01008	Week 6 up vs Week 3
10340180	---		0.000489375	2.01012	Week 6 up vs Week 3
10338965	---		1.46884E-08	2.01019	Week 6 up vs Week 3
10338314	---		1.01544E-08	2.01022	Week 6 up vs Week 3
10343226	---		1.10896E-06	2.01041	Week 6 up vs Week 3
10341056	---		2.04393E-05	2.01244	Week 6 up vs Week 3
10533812	NM_001081203 // Sbno1 // sno, strawberry notch homolog 1 (Drosophila) // 5 F //	Sbno1	4.666E-12	2.01277	Week 6 up vs Week 3
10353061	---		2.14012E-06	2.01279	Week 6 up vs Week 3
10502135	NM_009102 // Rrh // retinal pigment epithelium derived rhodopsin homolog // 3 G3	Rrh	0.0021164	2.01292	Week 6 up vs Week 3
10503370	NM_146130 // Hnrnpa3 // heterogeneous nuclear ribonucleoprotein A3 // 2 A7.2 //	Hnrnpa3	1.33744E-10	2.01297	Week 6 up vs Week 3
10341367	---		1.41572E-06	2.01336	Week 6 up vs Week 3
10478523	---		4.06E-08	2.01347	Week 6 up vs Week 3
10578069	NM_153116 // Gtpbp10 // GTP-binding protein 10 (putative) // 5 A1 // 207704 ///	Gtpbp10	1.6512E-09	2.01372	Week 6 up vs Week 3
10339149	---		0.0051966	2.01393	Week 6 up vs Week 3
10501302	NM_008596 // Sypl2 // synaptophysin-like 2 // 3 F3-H2 // 17306 /// ENSMUST000000	Sypl2	0.00423665	2.01394	Week 6 up vs Week 3
10341121	---		1.51424E-07	2.01433	Week 6 up vs Week 3
10338711	---		0.000315623	2.01439	Week 6 up vs Week 3
10338409	---		2.01624E-05	2.01477	Week 6 up vs Week 3
10458195	NM_009860 // Cdc25c // cell division cycle 25 homolog C (S. pombe) // 18 B1|18 1	Cdc25c	0.00001472	2.01559	Week 6 up vs Week 3
10442098	NM_008042 // Fpr3 // formyl peptide receptor 3 // 17 A3.2 // 14294 /// NM_008039	Fpr3	8.04818E-09	2.01569	Week 6 up vs Week 3
10354054	NM_026913 // Mitd1 // MIT, microtubule interacting and transport, domain contain	Mitd1	3.33273E-07	2.01582	Week 6 up vs Week 3
10363195	NM_008297 // Hsf2 // heat shock factor 2 // 10 B3-B4 // 15500 /// ENSMUST0000007	Hsf2	1.80676E-07	2.01604	Week 6 up vs Week 3
10560760	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	4.37553E-05	2.01633	Week 6 up vs Week 3
10560773	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	4.37553E-05	2.01633	Week 6 up vs Week 3
10560803	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	4.37553E-05	2.01633	Week 6 up vs Week 3
10580534	---		9.8672E-11	2.01667	Week 6 up vs Week 3
10604199	NM_001110142 // Cul4b // cullin 4B // X A2 // 72584 /// NM_028288 // Cul4b // cu	Cul4b	1.96245E-05	2.0169	Week 6 up vs Week 3

10364415	NM_207201 // Olfr8 // olfactory receptor 8 // 10 C1 // 18372 /// NM_207571 // Ol	Olfr8	1.71648E-08	2.01718	Week 6 up vs Week 3
10366579	NM_152810 // Cdc5l // cell division cycle 5-like (S. pombe) // 17 B3 // 71702 //	Cdc5l	1E-14	2.01722	Week 6 up vs Week 3
10372728	NM_152810 // Cdc5l // cell division cycle 5-like (S. pombe) // 17 B3 // 71702 //	Cdc5l	1E-14	2.01722	Week 6 up vs Week 3
10473537	NM_146350 // Olfr1123 // olfactory receptor 1123 // --- // 258347 /// ENSMUST000	Olfr1123	1.33082E-07	2.01748	Week 6 up vs Week 3
10536151	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	0.00015093	2.0176	Week 6 up vs Week 3
10342994	---		3.69162E-06	2.0179	Week 6 up vs Week 3
10343112	---		0.00491435	2.01797	Week 6 up vs Week 3
10353878	NM_153502 // Ankrd23 // ankyrin repeat domain 23 // 1 B // 78321 /// NM_026241 /	Ankrd23	0.000894488	2.01829	Week 6 up vs Week 3
10384782	NM_027260 // Vrk2 // vaccinia related kinase 2 // 11 A3.3 // 69922 /// NM_025923	Vrk2	1.81464E-06	2.01838	Week 6 up vs Week 3
10339449	---		0.000413491	2.0184	Week 6 up vs Week 3
10338696	---		6.06005E-06	2.01847	Week 6 up vs Week 3
10421573	NM_007624 // Cbx3 // chromobox homolog 3 (Drosophila HP1 gamma) // 6 B-C|6 26.0	Cbx3	9.66246E-07	2.01877	Week 6 up vs Week 3
10360463	NM_176916 // Pld5 // phospholipase D family, member 5 // 1 H4 // 319455 /// ENSM	Pld5	0.0033017	2.01884	Week 6 up vs Week 3
10339271	---		2.19242E-07	2.01973	Week 6 up vs Week 3
10385361	NM_024475 // Ublcp1 // ubiquitin-like domain containing CTD phosphatase 1 // 11	Ublcp1	9.77633E-06	2.02003	Week 6 up vs Week 3
10559908	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	0.000119131	2.0208	Week 6 up vs Week 3
10485828	NM_133648 // Slc12a6 // solute carrier family 12, member 6 // 2 E3 // 107723 ///	Slc12a6	3.63095E-09	2.02085	Week 6 up vs Week 3
10338743	---		0.00037142	2.02092	Week 6 up vs Week 3
10340557	---		0.00116767	2.02208	Week 6 up vs Week 3
10343666	---		6.62553E-05	2.0222	Week 6 up vs Week 3
10579910	NM_026934 // Zc3h15 // zinc finger CCCH-type containing 15 // 2 E1 // 69082 ///	Zc3h15	2.14904E-09	2.02251	Week 6 up vs Week 3
10536122	---		2.38285E-05	2.02305	Week 6 up vs Week 3
10342990	---		0.00107802	2.02341	Week 6 up vs Week 3
10342649	---		3.73892E-08	2.02352	Week 6 up vs Week 3
10411332	NM_008255 // Hmgcr // 3-hydroxy-3-methylglutaryl-Coenzyme A reductase // 13 D1|1	Hmgcr	0.00214255	2.02377	Week 6 up vs Week 3
10494873	NM_001033303 // Ampd1 // adenosine monophosphate deaminase 1 (isoform M) // 3 F2	Ampd1	0.000446074	2.02423	Week 6 up vs Week 3
10339505	---		1.71761E-06	2.02445	Week 6 up vs Week 3
10339816	---		3.68992E-07	2.0247	Week 6 up vs Week 3
10582899	---		3.11177E-06	2.02535	Week 6 up vs Week 3
10502823	NM_025926 // Dnajb4 // DnaJ (Hsp40) homolog, subfamily B, member 4 // 3 H3 // 67	Dnajb4	5.88138E-07	2.02572	Week 6 up vs Week 3
10474490	NM_207236 // Olfr1283 // olfactory receptor 1283 // 2 E3 // 228443 /// ENSMUST00	Olfr1283	3.38577E-08	2.02598	Week 6 up vs Week 3
10342423	---		3.41484E-05	2.02606	Week 6 up vs Week 3
10559883	NM_009493 // Vmn2r42 // vomeronasal 2, receptor 42 // 7 A1|7 4.5 cM // 22310 ///	Vmn2r42	0.000129794	2.02693	Week 6 up vs Week 3
10517421	NM_026383 // Pnrc2 // proline-rich nuclear receptor coactivator 2 // 4 D3|4 66.7	Pnrc2	4.8412E-08	2.02696	Week 6 up vs Week 3
10559901	NM_009493 // Vmn2r42 // vomeronasal 2, receptor 42 // 7 A1|7 4.5 cM // 22310 ///	Vmn2r42	0.000128191	2.02717	Week 6 up vs Week 3
10342908	---		1.00102E-05	2.02729	Week 6 up vs Week 3
10343979	---		7.75699E-06	2.02752	Week 6 up vs Week 3
10342450	---		2.02731E-07	2.02779	Week 6 up vs Week 3
10606876	NM_019768 // Morf4l2 // mortality factor 4 like 2 // X F1 // 56397 /// ENSMUST00	Morf4l2	4.59278E-08	2.02828	Week 6 up vs Week 3
10471474	NM_021515 // Ak1 // adenylate kinase 1 // 2 B|2 21.6 cM // 11636 /// ENSMUST0000	Ak1	0.00181587	2.0283	Week 6 up vs Week 3
10395978	BC099503 // Gm527 // predicted gene 527 // 12 C1 // 217648 /// ENSMUST0000005813	Gm527	1.9583E-11	2.02841	Week 6 up vs Week 3
10356886	NM_172658 // Slco4c1 // solute carrier organic anion transporter family, member	Slco4c1	0.00011808	2.029	Week 6 up vs Week 3
10338301	---		1.09599E-06	2.02904	Week 6 up vs Week 3
10505200	NM_024255 // Hsdl2 // hydroxysteroid dehydrogenase like 2 // 4 C1 // 72479 /// E	Hsdl2	2.59722E-05	2.02912	Week 6 up vs Week 3
10413695	NM_001081251 // Pbrm1 // polybromo 1 // 14 B // 66923 /// ENSMUST00000112098 //	Pbrm1	4.383E-12	2.02913	Week 6 up vs Week 3
10357001	---		0.000107338	2.02959	Week 6 up vs Week 3
10555089	NM_001081267 // Rsf1 // remodeling and spacing factor 1 // 7 E2 // 233532 /// EN	Rsf1	1.4093E-09	2.02973	Week 6 up vs Week 3
10340579	---		1.23962E-06	2.02999	Week 6 up vs Week 3
10583312	AK161656 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA polym	Taf1d	9.79953E-07	2.03016	Week 6 up vs Week 3
10414113	NM_001004436 // Wapal // wings apart-like homolog (Drosophila) // 14 B // 218914	Wapal	2.16499E-07	2.03081	Week 6 up vs Week 3
10608668	---		9.89303E-06	2.03095	Week 6 up vs Week 3
10340061	---		0.000408048	2.03152	Week 6 up vs Week 3
10503647	NM_030733 // Gpr63 // G protein-coupled receptor 63 // 4 A3 // 81006 /// ENSMUST	Gpr63	1.23758E-09	2.0322	Week 6 up vs Week 3
10344507	---		4.04634E-05	2.03319	Week 6 up vs Week 3
10392010	AK153679 // 1700081L11Rik // RIKEN cDNA 1700081L11 gene // 11 E1 // 76719 /// AK	1700081L11Rik	5.7095E-08	2.03407	Week 6 up vs Week 3
10341008	---		0.00244443	2.0351	Week 6 up vs Week 3
10340508	---		0.000143867	2.03528	Week 6 up vs Week 3
10340699	---		0.000808563	2.03575	Week 6 up vs Week 3
10378793	NM_025655 // Tmigd1 // transmembrane and immunoglobulin domain containing 1 // 1	Tmigd1	6.96882E-06	2.03598	Week 6 up vs Week 3
10339916	---		0.000769146	2.03642	Week 6 up vs Week 3
10490602	NM_007906 // Eef1a2 // eukaryotic translation elongation factor 1 alpha 2 // 2 H	Eef1a2	0.000825865	2.03648	Week 6 up vs Week 3
10607950	---		4.51462E-06	2.03656	Week 6 up vs Week 3
10342707	---		0.00195811	2.03703	Week 6 up vs Week 3
10549932	ENSMUST00000086298 // Vmn2r50 // vomeronasal 2, receptor 50 // 7 A1 // 434117 //	Vmn2r50	6.26324E-08	2.03759	Week 6 up vs Week 3
10342631	---		1.94408E-06	2.03781	Week 6 up vs Week 3

10424691	NM_008530 // Ly6f // lymphocyte antigen 6 complex, locus F // 15 D3 // 17071 ///	Ly6f	2.00893E-10	2.03786	Week 6 up vs Week 3
10341804	---		0.00011913	2.03804	Week 6 up vs Week 3
10341357	---		8.50758E-06	2.03873	Week 6 up vs Week 3
10342082	---		0.00207795	2.03875	Week 6 up vs Week 3
10353844	NM_153408 // Neurl3 // neuralized homolog 3 homolog (Drosophila) // 1 B // 21485	Neurl3	1.15291E-09	2.03896	Week 6 up vs Week 3
10359446	BC138379 // AI848100 // expressed sequence AI848100 // 1 H2.1 // 226551 /// ENSM	AI848100	0.000037329	2.03896	Week 6 up vs Week 3
10412844	NM_009409 // Top2b // topoisomerase (DNA) II beta // 14 A3 // 21974 /// ENSMUST0	Top2b	4.28149E-07	2.03918	Week 6 up vs Week 3
10467115	NM_024204 // Ankrd22 // ankyrin repeat domain 22 // 19 C1|19 24.0 cM // 52024 //	Ankrd22	0.00517494	2.03933	Week 6 up vs Week 3
10580635	NM_053200 // Ces3 // carboxylesterase 3 // 8 C5 // 104158 /// ENSMUST00000034172	Ces3	0.020999	2.03943	Week 6 up vs Week 3
10498771	NM_019745 // Pdcd10 // programmed cell death 10 // 3 E3 // 56426 /// ENSMUST0000	Pdcd10	4.6912E-07	2.03987	Week 6 up vs Week 3
10338894	---		0.00210591	2.04019	Week 6 up vs Week 3
10338205	---		4.08684E-05	2.04143	Week 6 up vs Week 3
10389882	NM_026313 // 3300001P08Rik // RIKEN cDNA 3300001P08 gene // 11 C // 67684 /// EN	3300001P08Rik	7.22684E-10	2.04246	Week 6 up vs Week 3
10494839	NM_144901 // Csde1 // cold shock domain containing E1, RNA binding // 3 F2.2|3 4	Csde1	1.3902E-11	2.04246	Week 6 up vs Week 3
10590494	NM_010620 // Kif15 // kinesin family member 15 // 9 F4 // 209737 /// ENSMUST0000	Kif15	4.58274E-05	2.04256	Week 6 up vs Week 3
10540231	---		2.96685E-09	2.04264	Week 6 up vs Week 3
10340145	---		2.50264E-06	2.04273	Week 6 up vs Week 3
10426301	NM_011541 // Tcea1 // transcription elongation factor A (SII) 1 // 1 A1 // 21399	Tcea1	1.93719E-09	2.04308	Week 6 up vs Week 3
10608715	---		0.000826313	2.04316	Week 6 up vs Week 3
10353475	NM_145380 // Eif3m // eukaryotic translation initiation factor 3, subunit M // 2	Eif3m	3.11923E-10	2.04433	Week 6 up vs Week 3
10476297	---		1.68443E-10	2.0444	Week 6 up vs Week 3
10554863	NM_001040085 // Sytl2 // synaptotagmin-like 2 // 7 E1 // 83671 /// NM_031394 //	Sytl2	0.00187839	2.04483	Week 6 up vs Week 3
10342104	---		2.69414E-08	2.04498	Week 6 up vs Week 3
10600593	NM_053263 // Hnrnpa3 // heterogeneous nuclear ribonucleoprotein A3 // 2 A7.2 //	Hnrnpa3	7.6949E-11	2.04613	Week 6 up vs Week 3
10343731	---		2.43792E-07	2.0463	Week 6 up vs Week 3
10342453	---		2.78813E-05	2.04653	Week 6 up vs Week 3
10342630	---		0.000086715	2.04663	Week 6 up vs Week 3
10599377	NM_021465 // Stag2 // stromal antigen 2 // --- // 20843 /// NM_001077712 // Stag	Stag2	3.74069E-07	2.04734	Week 6 up vs Week 3
10435075	NM_011638 // Tfrc // transferrin receptor // 16 B3|16 21.2 cM // 22042 /// ENSMU	Tfrc	1.05079E-05	2.04786	Week 6 up vs Week 3
10406626	NM_147176 // Homer1 // homer homolog 1 (Drosophila) // 13 C3 // 26556 /// NM_152	Homer1	1.9191E-11	2.04874	Week 6 up vs Week 3
10560764	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	3.61952E-05	2.04874	Week 6 up vs Week 3
10560777	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	3.61952E-05	2.04874	Week 6 up vs Week 3
10416793	NM_016723 // Uchl3 // ubiquitin carboxyl-terminal esterase L3 (ubiquitin thioles	Uchl3	3.54804E-06	2.04935	Week 6 up vs Week 3
10343833	---		0.00197211	2.04944	Week 6 up vs Week 3
10518352	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	2.3536E-06	2.04952	Week 6 up vs Week 3
10564313	NM_026483 // Mphosph10 // M-phase phosphoprotein 10 (U3 small nucleolar ribonucl	Mphosph10	3.86302E-08	2.04966	Week 6 up vs Week 3
10338085	---		3.11681E-05	2.04989	Week 6 up vs Week 3
10604347	NM_053123 // Smarca1 // SWI/SNF related, matrix associated, actin dependent regu	Smarca1	0.000125788	2.05096	Week 6 up vs Week 3
10373622	NM_207008 // Olfr773 // olfactory receptor 773 // 10 D3 // 257664 /// NM_146266	Olfr773	4.73965E-05	2.05135	Week 6 up vs Week 3
10341404	---		0.000313721	2.05178	Week 6 up vs Week 3
10338885	---		1.42696E-08	2.0524	Week 6 up vs Week 3
10440118	---		3.37505E-09	2.05298	Week 6 up vs Week 3
10430679	---		0.000144616	2.05363	Week 6 up vs Week 3
10567464	XM_355934 // Dnahc3 // dynein, axonemal, heavy chain 3 // 7 F2 // 381917	Dnahc3	1.0794E-06	2.05438	Week 6 up vs Week 3
10339362	---		0.000507978	2.05451	Week 6 up vs Week 3
10340082	---		6.43868E-08	2.05473	Week 6 up vs Week 3
10410237	ENSMUST00000091541 // 2410141K09Rik // RIKEN cDNA 2410141K09 gene // 13 B3 // 7	2410141K09Rik	7.01747E-06	2.05503	Week 6 up vs Week 3
10345626	NM_198303 // Eif5b // eukaryotic translation initiation factor 5B // 1 B // 2269	Eif5b	1.25926E-08	2.05536	Week 6 up vs Week 3
10529977	NM_008904 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	3.4977E-06	2.05613	Week 6 up vs Week 3
10343286	---		0.000153058	2.05711	Week 6 up vs Week 3
10422249	NM_010024 // Dct // dopachrome tautomerase // 14 E4|14 58.0 cM // 13190 /// ENSM	Dct	0.0186583	2.05719	Week 6 up vs Week 3
10452404	NM_026497 // Nudt12 // nudix (nucleoside diphosphate linked moiety X)-type motif	Nudt12	1.40068E-10	2.05731	Week 6 up vs Week 3
10343893	---		1.63614E-05	2.05743	Week 6 up vs Week 3
10490773	NM_019868 // Hnrnph2 // heterogeneous nuclear ribonucleoprotein H2 // X E3 // 56	Hnrnph2	4.57765E-08	2.05744	Week 6 up vs Week 3
10340415	---		1.52929E-05	2.05745	Week 6 up vs Week 3
10342716	---		0.00035536	2.05777	Week 6 up vs Week 3
10488108	NM_001081090 // Esf1 // ESF1, nucleolar pre-rRNA processing protein, homolog (S.	Esf1	1.7841E-09	2.05948	Week 6 up vs Week 3
10413086	NM_134079 // Adk // adenosine kinase // 14 A2-B // 11534 /// ENSMUST00000045376	Adk	1.15061E-07	2.05952	Week 6 up vs Week 3
10341849	---		3.04732E-05	2.05966	Week 6 up vs Week 3
10342070	---		0.00607037	2.06008	Week 6 up vs Week 3
10542714	NM_133688 // Lyrm5 // LYR motif containing 5 // 6 G3|6 71.12 cM // 67636 /// ENS	Lyrm5	2.1603E-09	2.06147	Week 6 up vs Week 3
10342302	---		6.02163E-08	2.06215	Week 6 up vs Week 3
10440591	---		4.76053E-10	2.06266	Week 6 up vs Week 3
10340139	---		0.000188457	2.06391	Week 6 up vs Week 3
10340347	---		0.000198013	2.06396	Week 6 up vs Week 3

10473272	NM_026934 // Zc3h15 // zinc finger CCCH-type containing 15 // 2 E1 // 69082 ///	Zc3h15	9.15E-13	2.06397	Week 6 up vs Week 3
10341612	---		1.14401E-05	2.06398	Week 6 up vs Week 3
10342116	---		0.000347629	2.06577	Week 6 up vs Week 3
10551462	---		3.68724E-08	2.06596	Week 6 up vs Week 3
10363070	NM_008147 // Gp49a // glycoprotein 49 A // 10 B3 // 14727 /// M65027 // Gp49a //	Gp49a	7.19757E-07	2.06616	Week 6 up vs Week 3
10355084	NM_001160038 // Ndufs1 // NADH dehydrogenase (ubiquinone) Fe-S protein 1 // 1 C2	Ndufs1	1.0934E-07	2.06679	Week 6 up vs Week 3
10353311	NM_020604 // Jph1 // junctophilin 1 // 1 A4 // 57339 /// ENSMUST00000038382 // J	Jph1	0.000972243	2.06679	Week 6 up vs Week 3
10549904	NM_009489 // Vmn2r37 // vomeronasal 2, receptor 37 // 7 A1 // 22305 /// NM_00110	Vmn2r37	0.000133594	2.06731	Week 6 up vs Week 3
10501315	ENSMUST00000098691 // Gm12522 // predicted gene 12522 // --- // 100038453	Gm12522	2.16215E-09	2.06741	Week 6 up vs Week 3
10343307	---		0.000301644	2.06887	Week 6 up vs Week 3
10399823	---		1.36243E-07	2.06976	Week 6 up vs Week 3
10430174	NM_173786 // Apol9a // apolipoprotein L 9a // 15 E1 // 223672 /// NM_001162883 /	Apol9a	0.00227861	2.06985	Week 6 up vs Week 3
10342941	---		3.11939E-08	2.06996	Week 6 up vs Week 3
10483163	NM_016719 // Grb14 // growth factor receptor bound protein 14 // 2 C1.3 // 50915	Grb14	1.63506E-06	2.071	Week 6 up vs Week 3
10339479	---		0.000160985	2.07206	Week 6 up vs Week 3
10436596	ENSMUST00000068704 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 /	2810055G20Rik	9.87052E-07	2.0722	Week 6 up vs Week 3
10338210	---		5.1947E-06	2.07223	Week 6 up vs Week 3
10418982	BC147602 // 4930596D02Rik // RIKEN cDNA 4930596D02 gene // 14 B // 239036 /// NM	4930596D02Rik	7.99898E-09	2.07269	Week 6 up vs Week 3
10474689	NM_026620 // Fam98b // family with sequence similarity 98, member B // 2 E5 // 6	Fam98b	2.84027E-09	2.07322	Week 6 up vs Week 3
10343338	---		0.000410397	2.0734	Week 6 up vs Week 3
10512067	NM_172689 // Ddx58 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 // 4 A5 // 23007	Ddx58	5.82444E-06	2.07392	Week 6 up vs Week 3
10527920	NM_020010 // Cyp51 // cytochrome P450, family 51 // 5 A2|5 1.2 cM // 13121 /// E	Cyp51	0.0011031	2.07459	Week 6 up vs Week 3
10608667	---		1.75193E-06	2.07476	Week 6 up vs Week 3
10343389	---		2.63921E-06	2.07488	Week 6 up vs Week 3
10522134	NM_024471 // Lias // lipoic acid synthetase // 5 C3.3 // 79464 /// ENSMUST000000	Lias	3.399E-12	2.07561	Week 6 up vs Week 3
10342340	---		0.000215206	2.07607	Week 6 up vs Week 3
10596072	NM_001161362 // Ppp2r3a // protein phosphatase 2, regulatory subunit B'', alpha	Ppp2r3a	1.3098E-06	2.07624	Week 6 up vs Week 3
10344130	---		1.3533E-11	2.07653	Week 6 up vs Week 3
10518361	NM_053124 // Smarca5 // SWI/SNF related, matrix associated, actin dependent regu	Smarca5	7.22092E-07	2.07702	Week 6 up vs Week 3
10375240	NM_010477 // Hspd1 // heat shock protein 1 (chaperonin) // 1 C1.2 // 15510 /// E	Hspd1	4.41798E-09	2.07704	Week 6 up vs Week 3
10342345	---		6.37869E-06	2.07833	Week 6 up vs Week 3
10343461	---		8.62384E-05	2.07837	Week 6 up vs Week 3
10345911	XM_001476725 // Gm8211 // predicted gene 8211 // 1 B|1 // 666644	Gm8211	1.2089E-11	2.07872	Week 6 up vs Week 3
10339636	---		0.00532976	2.07976	Week 6 up vs Week 3
10338357	---		0.00932696	2.08003	Week 6 up vs Week 3
10342879	---		1.23929E-05	2.08005	Week 6 up vs Week 3
10549923	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	0.000201791	2.08109	Week 6 up vs Week 3
10342509	---		4.47866E-09	2.08168	Week 6 up vs Week 3
10341202	---		0.00001703	2.08179	Week 6 up vs Week 3
10339900	---		0.0091761	2.08225	Week 6 up vs Week 3
10497487	---		5.6019E-07	2.08244	Week 6 up vs Week 3
10341622	---		5.02755E-07	2.08272	Week 6 up vs Week 3
10339284	---		0.000788884	2.0829	Week 6 up vs Week 3
10555905	NM_146358 // Olfr677 // olfactory receptor 677 // --- // 258355 /// ENSMUST00000	Olfr677	9.29276E-06	2.08461	Week 6 up vs Week 3
10583386	NM_001012266 // Olfr835 // olfactory receptor 835 // 9 A2 // 257872 /// ENSMUST0	Olfr835	2.5334E-11	2.08491	Week 6 up vs Week 3
10338989	---		0.00408172	2.08511	Week 6 up vs Week 3
10338647	---		0.00121742	2.08547	Week 6 up vs Week 3
10506335	NM_019840 // Pde4b // phosphodiesterase 4B, cAMP specific // 4 C6|4 46.8 cM // 1	Pde4b	9.229E-11	2.08617	Week 6 up vs Week 3
10487208	NM_001080944 // Atp8b4 // ATPase, class I, type 8B, member 4 // 2 F1 // 241633 /	Atp8b4	3.264E-12	2.08626	Week 6 up vs Week 3
10523316	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	9.19142E-05	2.08636	Week 6 up vs Week 3
10523346	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	9.19142E-05	2.08636	Week 6 up vs Week 3
10536033	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	9.19142E-05	2.08636	Week 6 up vs Week 3
10536044			9.19142E-05	2.08636	Week 6 up vs Week 3
10428707	NM_008216 // Has2 // hyaluronan synthase 2 // 15 D1|15 31.2 cM // 15117 /// ENSM	Has2	0.000599927	2.08645	Week 6 up vs Week 3
10455961	NM_001146275 // Iigp1 // interferon inducible GTPase 1 // 18 D3 // 60440 /// NM_	Iigp1	1.114E-07	2.08675	Week 6 up vs Week 3
10338590	---		0.000220379	2.08676	Week 6 up vs Week 3
10528238	NM_172992 // Phtf2 // putative homeodomain transcription factor 2 // 5 A3 // 687	Phtf2	8.83235E-06	2.08711	Week 6 up vs Week 3
10339072	---		6.78327E-05	2.08841	Week 6 up vs Week 3
10436708	NM_024258 // Usp16 // ubiquitin specific peptidase 16 // 16 C3.3 // 74112 /// EN	Usp16	4.371E-12	2.09041	Week 6 up vs Week 3
10339543	---		0.000715934	2.09145	Week 6 up vs Week 3
10550772	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	2.45426E-05	2.0918	Week 6 up vs Week 3
10560807	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	2.45426E-05	2.0918	Week 6 up vs Week 3
10341647	---		0.00123258	2.09255	Week 6 up vs Week 3
10338945	---		0.000518692	2.09283	Week 6 up vs Week 3
10490768	ENSMUST00000091375 // Gm5271 // ribosomal protein S24 pseudogene // 3 A1 // 3838	Gm5271	2.3633E-06	2.09307	Week 6 up vs Week 3

10339422	---		2.56558E-05	2.09365	Week 6 up vs Week 3
10538282	NM_007624 // Cbx3 // chromobox homolog 3 (Drosophila HP1 gamma) // 6 B-C|6 26.0	Cbx3	1.82807E-07	2.09367	Week 6 up vs Week 3
10446619	NM_010867 // Myom1 // myomesin 1 // 17 E1.3 // 17929 /// NM_001083934 // Myom1 /	Myom1	0.00638245	2.09397	Week 6 up vs Week 3
10571870	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	7.0343E-06	2.09467	Week 6 up vs Week 3
10502565	NM_030601 // Clca2 // chloride channel calcium activated 2 // 3 H2 // 80797 ///	Clca2	2.29833E-08	2.0949	Week 6 up vs Week 3
10464400	NR_026942 // E330013P04Rik // RIKEN cDNA E330013P04 gene // 19 D3 // 107376 ///	E330013P04Rik	6.33847E-09	2.09519	Week 6 up vs Week 3
10341880	---		1.24441E-08	2.09544	Week 6 up vs Week 3
10340424	---		0.000153333	2.09609	Week 6 up vs Week 3
10343463	---		2.83763E-05	2.09661	Week 6 up vs Week 3
10372733	NM_152810 // Cdc5l // cell division cycle 5-like (S. pombe) // 17 B3 // 71702 //	Cdc5l	4E-15	2.09739	Week 6 up vs Week 3
10372735	NM_152810 // Cdc5l // cell division cycle 5-like (S. pombe) // 17 B3 // 71702 //	Cdc5l	4E-15	2.09739	Week 6 up vs Week 3
10372737	NM_152810 // Cdc5l // cell division cycle 5-like (S. pombe) // 17 B3 // 71702 //	Cdc5l	4E-15	2.09739	Week 6 up vs Week 3
10372739	NM_152810 // Cdc5l // cell division cycle 5-like (S. pombe) // 17 B3 // 71702 //	Cdc5l	4E-15	2.09739	Week 6 up vs Week 3
10372741	NM_152810 // Cdc5l // cell division cycle 5-like (S. pombe) // 17 B3 // 71702 //	Cdc5l	4E-15	2.09739	Week 6 up vs Week 3
10372743	NM_152810 // Cdc5l // cell division cycle 5-like (S. pombe) // 17 B3 // 71702 //	Cdc5l	4E-15	2.09739	Week 6 up vs Week 3
10588203	NM_024291 // Ky // kyphoscoliosis peptidase // 9 F1|9 56.0 cM // 16716 /// ENSMU	Ky	0.00123178	2.09752	Week 6 up vs Week 3
10338419	---		1.63347E-05	2.09757	Week 6 up vs Week 3
10528200	NM_053263 // Hnrnpa3 // heterogeneous nuclear ribonucleoprotein A3 // 2 A7.2 //	Hnrnpa3	1.8322E-11	2.09759	Week 6 up vs Week 3
10341090	---		1.62391E-07	2.0987	Week 6 up vs Week 3
10368222	NM_053264 // 4930444G20Rik // RIKEN cDNA 4930444G20 gene // 10 A3 // 114671 ///	4930444G20Rik	5.42343E-06	2.09875	Week 6 up vs Week 3
10344789	NM_026493 // Cspp1 // centrosome and spindle pole associated protein 1 // 1 A2 /	Cspp1	5.27503E-07	2.099	Week 6 up vs Week 3
10522585	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	7.09785E-05	2.09962	Week 6 up vs Week 3
10343145	---		2.94844E-07	2.09975	Week 6 up vs Week 3
10381697	NM_138753 // Hexim1 // hexamethylene bis-acetamide inducible 1 // 11 E1 // 19223	Hexim1	6.1E-14	2.09989	Week 6 up vs Week 3
10338513	---		1.45645E-07	2.1001	Week 6 up vs Week 3
10342402	---		9.48309E-10	2.10024	Week 6 up vs Week 3
10341272	---		1.81802E-05	2.10112	Week 6 up vs Week 3
10342961	---		0.00727584	2.1012	Week 6 up vs Week 3
10339626	---		0.000179671	2.10148	Week 6 up vs Week 3
10338090	---		1.30637E-06	2.10182	Week 6 up vs Week 3
10365991	NM_007884 // Epyc // epiphycan // 10 C2-C3|10 55.0 cM // 13516 /// ENSMUST000000	Epyc	0.00209837	2.10185	Week 6 up vs Week 3
10513467	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_00116301	Mup2	5.85292E-05	2.10263	Week 6 up vs Week 3
10344750	NM_133220 // Sgk3 // serum/glucocorticoid regulated kinase 3 // 1 A2|1 7.5 cM //	Sgk3	0.00051809	2.1036	Week 6 up vs Week 3
10446785	NM_001162870 // Spast // spastin // 17 E3 // 50850 /// NM_016962 // Spast // spa	Spast	7.833E-11	2.1038	Week 6 up vs Week 3
10411915	NM_172807 // Ppwd1 // peptidylprolyl isomerase domain and WD repeat containing 1	Ppwd1	2.204E-12	2.10402	Week 6 up vs Week 3
10462866	NM_028760 // Cep55 // centrosomal protein 55 // 19 C3 // 74107 /// ENSMUST000001	Cep55	4.15735E-06	2.10407	Week 6 up vs Week 3
10344400	---		5.36877E-07	2.10481	Week 6 up vs Week 3
10338416	---		0.000715361	2.10534	Week 6 up vs Week 3
10488804	XR_031617 // Gm14214 // predicted gene 14214 // 2 H1 // 435692	Gm14214	1.71133E-05	2.10664	Week 6 up vs Week 3
10439955	NM_001134457 // Fam55c // family with sequence similarity 55, member C // 16 C1.	Fam55c	4.53259E-10	2.10693	Week 6 up vs Week 3
10339767	---		2.14429E-05	2.10695	Week 6 up vs Week 3
10405876	ENSMUST00000079272 // Gm10324 // predicted gene 10324 // 13 B3|13 // 628709	Gm10324	1.35125E-05	2.10703	Week 6 up vs Week 3
10344550	---		1.42579E-08	2.10783	Week 6 up vs Week 3
10460118	NM_018821 // Socs6 // suppressor of cytokine signaling 6 // 18 E4 // 54607 /// E	Socs6	1.70744E-06	2.10792	Week 6 up vs Week 3
10493633	NM_022314 // Tpm3 // tropomyosin 3, gamma // 3 F1 // 59069 /// ENSMUST0000011957	Tpm3	0.0151755	2.10807	Week 6 up vs Week 3
10484457	NM_133840 // Clp1 // CLP1, cleavage and polyadenylation factor I subunit, homolo	Clp1	8.22412E-09	2.1096	Week 6 up vs Week 3
10374929	BC139107 // 4931440F15Rik // RIKEN cDNA 4931440F15 gene // 11 A3.3 // 216622 ///	4931440F15Rik	6.71982E-08	2.10985	Week 6 up vs Week 3
10407921	NM_011696 // Vdac3 // voltage-dependent anion channel 3 // 8 A2|8 8.0 cM // 2233	Vdac3	1.4316E-09	2.10988	Week 6 up vs Week 3
10407926	NM_011696 // Vdac3 // voltage-dependent anion channel 3 // 8 A2|8 8.0 cM // 2233	Vdac3	1.4316E-09	2.10988	Week 6 up vs Week 3
10482500	NM_028810 // Rnd3 // Rho family GTPase 3 // 2 C1.1 // 74194 /// ENSMUST000000172	Rnd3	3.43528E-05	2.11005	Week 6 up vs Week 3
10344322	---		1.84872E-07	2.11104	Week 6 up vs Week 3
10341075	---		2.24801E-07	2.11152	Week 6 up vs Week 3
10596279	NM_001163026 // Dnajc13 // DnaJ (Hsp40) homolog, subfamily C, member 13 // 9 F1	Dnajc13	0.000149372	2.11162	Week 6 up vs Week 3
10340460	---		1.93462E-10	2.11177	Week 6 up vs Week 3
10340108	---		1.8545E-07	2.11275	Week 6 up vs Week 3
10338728	---		2.49613E-06	2.11436	Week 6 up vs Week 3
10451677	---		4.01152E-06	2.11485	Week 6 up vs Week 3
10523756	---		4.01152E-06	2.11485	Week 6 up vs Week 3
10537504	---		4.01152E-06	2.11485	Week 6 up vs Week 3
10339776	---		0.000014939	2.11548	Week 6 up vs Week 3
10407040	NM_001081222 // Esco1 // establishment of cohesion 1 homolog 1 (S. cerevisiae) /	Esco1	2.73279E-08	2.11553	Week 6 up vs Week 3
10442493	---		6.14742E-06	2.11558	Week 6 up vs Week 3
10400803	---		1.74584E-06	2.11569	Week 6 up vs Week 3
10343832	---		0.00341102	2.11601	Week 6 up vs Week 3
10441394	---		8.43174E-10	2.117	Week 6 up vs Week 3

10342651	---		3.27869E-05	2.11709	Week 6 up vs Week 3
10340033	---		2.12297E-05	2.11779	Week 6 up vs Week 3
10340569	---		4E-15	2.11986	Week 6 up vs Week 3
10350471	---		1.47504E-05	2.11991	Week 6 up vs Week 3
10494001	NM_207272 // Tdpoz4 // TD and POZ domain containing 4 // 3 F2.1 // 399675 /// EN	Tdpoz4	8.29329E-06	2.12126	Week 6 up vs Week 3
10349174	NM_011459 // Serpinb8 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb8	0.00113205	2.12274	Week 6 up vs Week 3
10395259	NM_021524 // Nampt // nicotinamide phosphoribosyltransferase // 12 B1 // 59027 /	Nampt	2.14136E-05	2.12398	Week 6 up vs Week 3
10450197	NR_004051 // Btnl5 // butyrophilin-like 5 // 17 B1|17 18.7 cM // 81497	Btnl5	8.65357E-08	2.12461	Week 6 up vs Week 3
10338877	---		2.98292E-06	2.1247	Week 6 up vs Week 3
10585417	NM_029573 // Idh3a // isocitrate dehydrogenase 3 (NAD+) alpha // 9 A5.3 // 67834	Idh3a	3.59501E-08	2.12564	Week 6 up vs Week 3
10340565	---		0.000666178	2.12588	Week 6 up vs Week 3
10353989	---		3.40249E-08	2.1263	Week 6 up vs Week 3
10518350	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	2.41276E-06	2.12647	Week 6 up vs Week 3
10409031	NM_025900 // Dek // DEK oncogene (DNA binding) // 13 B1|13 28.0 cM // 110052 ///	Dek	5.30483E-07	2.12731	Week 6 up vs Week 3
10353064	NM_001102430 // Arfgef1 // ADP-ribosylation factor guanine nucleotide-exchange f	Arfgef1	1.54823E-09	2.12807	Week 6 up vs Week 3
10340503	---		8.14302E-07	2.12835	Week 6 up vs Week 3
10369842	---		2.57412E-05	2.12926	Week 6 up vs Week 3
10341621	---		0.000343045	2.12979	Week 6 up vs Week 3
10343444	---		0.00131193	2.12995	Week 6 up vs Week 3
10338560	---		0.00120879	2.13018	Week 6 up vs Week 3
10339465	---		1.61012E-10	2.13078	Week 6 up vs Week 3
10339427	---		0.000570688	2.13104	Week 6 up vs Week 3
10339942	---		0.00326818	2.13114	Week 6 up vs Week 3
10398356	---		5.1794E-09	2.13188	Week 6 up vs Week 3
10338392	---		0.000041602	2.13233	Week 6 up vs Week 3
10343936	---		0.000127046	2.13262	Week 6 up vs Week 3
10468653	NM_170757 // A630007B06Rik // RIKEN cDNA A630007B06 gene // 19 D2 // 213993 ///	A630007B06Rik	1.57821E-10	2.13287	Week 6 up vs Week 3
10504957	NM_008017 // Smc2 // structural maintenance of chromosomes 2 // 4 B3|4 18.5 cM /	Smc2	1.08269E-06	2.13304	Week 6 up vs Week 3
10436773	ENSMUST00000089098 // Gm7735 // predicted gene 7735 // 16 C3.3 // 665661 /// ENS	Gm7735	7.39564E-08	2.13427	Week 6 up vs Week 3
10546807	---		3.58555E-07	2.13459	Week 6 up vs Week 3
10341761	---		5.26395E-07	2.13512	Week 6 up vs Week 3
10595094	NM_027150 // 2310046A06Rik // RIKEN cDNA 2310046A06 gene // 9 E1 // 69642 /// EN	2310046A06Rik	0.00451825	2.13597	Week 6 up vs Week 3
10344039	---		0.000757996	2.13701	Week 6 up vs Week 3
10338141	---		0.000378575	2.13793	Week 6 up vs Week 3
10476321	NM_023043 // Prnd // prion protein dublet // 2 F2|2 75.0 cM // 26434 /// NM_0011	Prnd	0.000192911	2.13799	Week 6 up vs Week 3
10538253	NM_019939 // Mpp6 // membrane protein, palmitoylated 6 (MAGUK p55 subfamily memb	Mpp6	6.48287E-07	2.13817	Week 6 up vs Week 3
10338415	---		1.29911E-07	2.13824	Week 6 up vs Week 3
10366446	NM_146010 // Tspan8 // tetraspanin 8 // 10 D2 // 216350 /// ENSMUST00000035563 /	Tspan8	3.17784E-05	2.13826	Week 6 up vs Week 3
10343129	---		7.73441E-06	2.13853	Week 6 up vs Week 3
10496324	NM_001135149 // Slc39a8 // solute carrier family 39 (metal ion transporter), mem	Slc39a8	0.00102413	2.1386	Week 6 up vs Week 3
10434778	NM_023386 // Rtp4 // receptor transporter protein 4 // 16 B1 // 67775 /// ENSMUS	Rtp4	0.00179163	2.14038	Week 6 up vs Week 3
10566346	NM_001146007 // 9230105E10Rik // RIKEN cDNA 9230105E10 gene // 7 E3 // 319236 //	9230105E10Rik	6.49918E-06	2.14058	Week 6 up vs Week 3
10423941	NM_025736 // Ttc35 // tetratricopeptide repeat domain 35 // 15 B3.2 // 66736 ///	Ttc35	6.78156E-07	2.14108	Week 6 up vs Week 3
10559890	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	0.00013326	2.14119	Week 6 up vs Week 3
10342133	---		3.42253E-05	2.14121	Week 6 up vs Week 3
10343950	---		6.22371E-05	2.14199	Week 6 up vs Week 3
10456793	NM_025409 // Ier3ip1 // immediate early response 3 interacting protein 1 // 18 E	Ier3ip1	1.47E-13	2.14204	Week 6 up vs Week 3
10443459	NM_013663 // Sfrs3 // splicing factor, arginine/serine-rich 3 (SRp20) // 17 A3.3	Sfrs3	4.08871E-05	2.14297	Week 6 up vs Week 3
10508479	NM_008974 // Ptp4a2 // protein tyrosine phosphatase 4a2 // 4 D2.3 // 19244 /// E	Ptp4a2	3.33565E-10	2.14321	Week 6 up vs Week 3
10566286	---		1.40398E-10	2.14426	Week 6 up vs Week 3
10608085	XR_032134 // Gm2889 // predicted gene 2889 // 18 A1|18 // 100040658 /// XR_03121	Gm2889	6.74167E-06	2.14527	Week 6 up vs Week 3
10508436	NM_023485 // Sync // syncoilin // 4 D2.2|4 60.0 cM // 68828 /// ENSMUST000001025	Sync	1.10049E-05	2.14563	Week 6 up vs Week 3
10342087	---		0.000501887	2.1461	Week 6 up vs Week 3
10594798	---		4.68873E-05	2.14782	Week 6 up vs Week 3
10338792	---		1.23409E-06	2.14841	Week 6 up vs Week 3
10503180	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	6.78395E-05	2.1485	Week 6 up vs Week 3
10445129	NM_001011744 // Olfr105 // olfactory receptor 105 // 17 B1 // 257893 /// ENSMUST	Olfr105	1.31094E-08	2.14965	Week 6 up vs Week 3
10339076	---		3.23674E-06	2.15	Week 6 up vs Week 3
10339673	---		1.01398E-08	2.15154	Week 6 up vs Week 3
10492045	NM_053263 // Hnrnpa3 // heterogeneous nuclear ribonucleoprotein A3 // 2 A7.2 //	Hnrnpa3	2.1587E-11	2.15187	Week 6 up vs Week 3
10415279	NM_026808 // Fitm1 // fat storage-inducing transmembrane protein 1 // 14 C3 // 6	Fitm1	0.00605807	2.15461	Week 6 up vs Week 3
10447510	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	3.86816E-07	2.1556	Week 6 up vs Week 3
10338839	---		9.8155E-06	2.15588	Week 6 up vs Week 3
10532578	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.000124811	2.15598	Week 6 up vs Week 3
10488430	ENSMUST00000099266 // Gm10750 // predicted gene 10750 // --- // 100038377	Gm10750	8.51927E-09	2.1569	Week 6 up vs Week 3

10339010	---		0.00147449	2.15735	Week 6 up vs Week 3
10513504	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_00116301	Mup2	2.47923E-05	2.1576	Week 6 up vs Week 3
10342863	---		0.0000277	2.15875	Week 6 up vs Week 3
10341292	---		1.74923E-06	2.15905	Week 6 up vs Week 3
10430929	NR_027799 // Tbrg3 // transforming growth factor beta regulated gene 3 // 15 E1	Tbrg3	1.02661E-05	2.15964	Week 6 up vs Week 3
10573427	BC003766 // Nfix // nuclear factor I/X // 8 C1-C2|8 38.6 cM // 18032 /// ENSMUST	Nfix	1.16838E-10	2.16031	Week 6 up vs Week 3
10442292	NM_001104578 // Vmn2r113 // vomeronasal 2, receptor 113 // 17 A3.3 // 434701	Vmn2r113	1.1367E-07	2.16039	Week 6 up vs Week 3
10343599	---		9.58073E-07	2.16054	Week 6 up vs Week 3
10340245	---		1.84042E-08	2.16079	Week 6 up vs Week 3
10338079	---		0.00051405	2.1611	Week 6 up vs Week 3
10396778	NM_019579 // Mpp5 // membrane protein, palmitoylated 5 (MAGUK p55 subfamily memb	Mpp5	7.62258E-09	2.16111	Week 6 up vs Week 3
10564539	NM_001024703 // Mctp2 // multiple C2 domains, transmembrane 2 // 7 D1 // 244049	Mctp2	0.00477215	2.16118	Week 6 up vs Week 3
10343162	---		0.000079079	2.16118	Week 6 up vs Week 3
10341333	---		1.98521E-05	2.16131	Week 6 up vs Week 3
10338455	---		0.000775257	2.16148	Week 6 up vs Week 3
10342910	---		0.000373856	2.16215	Week 6 up vs Week 3
10343861	---		1.02808E-05	2.16219	Week 6 up vs Week 3
10563770	NM_013808 // Csrp3 // cysteine and glycine-rich protein 3 // 7 B4 // 13009 /// E	Csrp3	0.000714959	2.16548	Week 6 up vs Week 3
10340119	---		0.000641397	2.16576	Week 6 up vs Week 3
10608298	---		2.52179E-05	2.16678	Week 6 up vs Week 3
10608311	---		2.52179E-05	2.16678	Week 6 up vs Week 3
10608533	---		2.52179E-05	2.16678	Week 6 up vs Week 3
10521969	NM_028260 // Immp1l // IMP1 inner mitochondrial membrane peptidase-like (S. cere	Immp1l	4.03861E-09	2.16826	Week 6 up vs Week 3
10513922	NM_001017427 // Rasef // RAS and EF hand domain containing // 4 C3 // 242505 ///	Rasef	0.000550577	2.16844	Week 6 up vs Week 3
10372421	NM_146241 // Trhde // TRH-degrading enzyme // 10 D2 // 237553 /// ENSMUST0000006	Trhde	4.70331E-06	2.16889	Week 6 up vs Week 3
10344153	---		0.0102831	2.17077	Week 6 up vs Week 3
10440721	NM_028621 // Krtap16-7 // keratin associated protein 16-7 // 16 C3.3 // 170656 /	Krtap16-7	1.59408E-08	2.17137	Week 6 up vs Week 3
10439895	NM_009655 // Alcam // activated leukocyte cell adhesion molecule // 16 B5 // 116	Alcam	0.0001481	2.17206	Week 6 up vs Week 3
10466682	NM_153808 // Smc5 // structural maintenance of chromosomes 5 // 19 B // 226026 /	Smc5	3.05411E-10	2.1721	Week 6 up vs Week 3
10338302	---		1.82254E-05	2.17254	Week 6 up vs Week 3
10517703	XR_034351 // LOC626000 // similar to Cyclin D3 // 4 D3 // 626000	LOC626000	4.24683E-08	2.17315	Week 6 up vs Week 3
10344138	---		8.0057E-06	2.17326	Week 6 up vs Week 3
10341113	---		6.16129E-05	2.1733	Week 6 up vs Week 3
10340742	---		1.3491E-07	2.1736	Week 6 up vs Week 3
10540544	NM_008188 // Thumpd3 // THUMP domain containing 3 // 6 E3|6 48.7 cM // 14911 ///	Thumpd3	3.10729E-07	2.17421	Week 6 up vs Week 3
10606146	ENSMUST00000048061 // 1700031F05Rik // RIKEN cDNA 1700031F05 gene // X D // 733	1700031F05Rik	3.35192E-07	2.17494	Week 6 up vs Week 3
10606495	NM_181579 // Pof1b // premature ovarian failure 1B // X E1 // 69693 /// ENSMUST0	Pof1b	0.0171931	2.17556	Week 6 up vs Week 3
10344116	---		5.88029E-06	2.17569	Week 6 up vs Week 3
10340731	---		4.87612E-08	2.17615	Week 6 up vs Week 3
10492300	NM_023383 // Aadac // arylacetamide deacetylase (esterase) // 3 D // 67758 /// E	Aadac	9.75123E-09	2.17768	Week 6 up vs Week 3
10342112	---		1.29849E-05	2.17864	Week 6 up vs Week 3
10342122	---		3.52331E-07	2.18129	Week 6 up vs Week 3
10338949	---		1.92199E-07	2.18203	Week 6 up vs Week 3
10338066	---		5.68987E-06	2.18264	Week 6 up vs Week 3
10343735	---		0.000107127	2.18383	Week 6 up vs Week 3
10338289	---		0.000454049	2.18384	Week 6 up vs Week 3
10341305	---		0.000176934	2.18529	Week 6 up vs Week 3
10602739	NM_019736 // Acot9 // acyl-CoA thioesterase 9 // X F3 // 56360 /// ENSMUST000000	Acot9	4.23476E-10	2.18618	Week 6 up vs Week 3
10341523	---		0.000647909	2.18712	Week 6 up vs Week 3
10343594	---		2.41385E-05	2.18736	Week 6 up vs Week 3
10339832	---		0.000589984	2.18793	Week 6 up vs Week 3
10346523	NM_025824 // Bzw1 // basic leucine zipper and W2 domains 1 // 1 C2 // 66882 ///	Bzw1	1.22637E-06	2.18805	Week 6 up vs Week 3
10340298	---		2.55497E-05	2.1887	Week 6 up vs Week 3
10491952	NM_174995 // Mgst2 // microsomal glutathione S-transferase 2 // 3 C // 211666 //	Mgst2	6.38643E-09	2.18897	Week 6 up vs Week 3
10339851	---		2.64135E-05	2.18944	Week 6 up vs Week 3
10361748	NM_027968 // Fbxo30 // F-box protein 30 // 10 A2 // 71865 /// ENSMUST00000070300	Fbxo30	2.57902E-08	2.18974	Week 6 up vs Week 3
10343614	---		0.000125563	2.19001	Week 6 up vs Week 3
10578377	NM_013522 // Frg1 // FSHD region gene 1 // 8 A4|8 22.6 cM // 14300 /// ENSMUST00	Frg1	4.12978E-08	2.19007	Week 6 up vs Week 3
10342740	---		8.57908E-07	2.19008	Week 6 up vs Week 3
10510170	XM_899253 // Gm13225 // predicted gene 13225 // 4 E1 // 622846 /// XM_899253 //	Gm13225	2.19681E-05	2.19021	Week 6 up vs Week 3
10510225	ENSMUST00000105736 // Gm13235 // predicted gene 13235 // 4 E1 // 385211 /// AB01	Gm13235	2.19681E-05	2.19021	Week 6 up vs Week 3
10340183	---		4.13033E-06	2.19051	Week 6 up vs Week 3
10560791	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	1.84571E-05	2.19081	Week 6 up vs Week 3
10587107	NM_010864 // Myo5a // myosin VA // 9 D|9 42.0 cM // 17918 /// ENSMUST00000036772	Myo5a	0.0016717	2.19148	Week 6 up vs Week 3
10343978	---		4.49646E-09	2.19161	Week 6 up vs Week 3

10492167	---		4.19595E-05	2.19175	Week 6 up vs Week 3
10542750	NM_025315 // Med21 // mediator complex subunit 21 // 6 G3 // 108098 /// ENSMUST0	Med21	1.32746E-07	2.19265	Week 6 up vs Week 3
10341508	---		1.93232E-07	2.19343	Week 6 up vs Week 3
10338880	---		2.13218E-10	2.19419	Week 6 up vs Week 3
10400321	NM_134054 // 1110002B05Rik // RIKEN cDNA 1110002B05 gene // 12 C1 // 104725 ///	1110002B05Rik	1.25659E-09	2.19695	Week 6 up vs Week 3
10342034	---		1.63155E-06	2.19696	Week 6 up vs Week 3
10601581	NM_001146007 // 9230105E10Rik // RIKEN cDNA 9230105E10 gene // 7 E3 // 319236 //	9230105E10Rik	3.27623E-09	2.19767	Week 6 up vs Week 3
10342120	---		0.000112215	2.19783	Week 6 up vs Week 3
10505254	---		2.43562E-05	2.1987	Week 6 up vs Week 3
10342542	---		0.00296053	2.2003	Week 6 up vs Week 3
10341631	---		5.13319E-05	2.20094	Week 6 up vs Week 3
10482762	NM_145360 // Idi1 // isopentenyl-diphosphate delta isomerase // 13 A1 // 319554	Idi1	0.00361565	2.20123	Week 6 up vs Week 3
10406896	---		1.22906E-05	2.20591	Week 6 up vs Week 3
10511631	NM_145947 // Slc26a7 // solute carrier family 26, member 7 // 4 A1 // 208890 ///	Slc26a7	0.000210022	2.20593	Week 6 up vs Week 3
10341191	---		0.000135829	2.20631	Week 6 up vs Week 3
10340966	---		0.000246096	2.20635	Week 6 up vs Week 3
10498508	NR_003962 // Vmn2r-ps11 // vomeronasal 2, receptor, pseudogene 11 // 3 E1 // 319	Vmn2r-ps11	4.05922E-07	2.20928	Week 6 up vs Week 3
10436594	---		1.02853E-06	2.21004	Week 6 up vs Week 3
10341238	---		4.77501E-08	2.21026	Week 6 up vs Week 3
10338626	---		0.000255566	2.21032	Week 6 up vs Week 3
10340132	---		6.32931E-07	2.21047	Week 6 up vs Week 3
10412036	NR_004438 // Apoo-ps // apolipoprotein O, pseudogene // 13 D2.1 // 621156 /// NM	Apoo-ps	5.21466E-09	2.21195	Week 6 up vs Week 3
10532281	NM_001104625 // Vmn2r14 // vomeronasal 2, receptor 14 // 5 F // 231591	Vmn2r14	6.17404E-10	2.21229	Week 6 up vs Week 3
10561690	BC022688 // A230107C01Rik // RIKEN cDNA A230107C01 gene // 7 B1 // 320225 /// EN	A230107C01Rik	2.2915E-11	2.21393	Week 6 up vs Week 3
10462912	NM_020278 // Lgi1 // leucine-rich repeat LGI family, member 1 // 19 C3 // 56839	Lgi1	0.000906171	2.21473	Week 6 up vs Week 3
10510142	NR_002888 // Vmn2r-ps14 // vomeronasal 2, receptor, pseudogene 14 // 4 E1 // 545	Vmn2r-ps14	1.06984E-07	2.21565	Week 6 up vs Week 3
10559894	NM_001105066 // Vmn2r34 // vomeronasal 2, receptor 34 // 7 A1 // 100042636 /// N	Vmn2r34	2.58679E-05	2.21701	Week 6 up vs Week 3
10343267	---		1.90253E-07	2.21709	Week 6 up vs Week 3
10341703	---		1.10735E-05	2.21724	Week 6 up vs Week 3
10582896	---		2.39692E-05	2.21796	Week 6 up vs Week 3
10411882	NM_029447 // Nln // neurolysin (metallopeptidase M3 family) // 13 D1 // 75805 //	Nln	6.5157E-11	2.21809	Week 6 up vs Week 3
10573731	ENSMUST00000074808 // 9430002A10Rik // RIKEN cDNA 9430002A10 gene // 8 C3 // 77	9430002A10Rik	5.12516E-10	2.21814	Week 6 up vs Week 3
10360406	NM_172648 // Ifi205 // interferon activated gene 205 // 1 H3|1 95.3 cM // 226695	Ifi205	2.10373E-06	2.21816	Week 6 up vs Week 3
10339644	---		1.97109E-06	2.21956	Week 6 up vs Week 3
10418339	ENSMUST00000090285 // Gm10245 // predicted gene 10245 // --- // 791380	Gm10245	5.52283E-08	2.2198	Week 6 up vs Week 3
10347931	AK149712 // G530012D18Rik // RIKEN cDNA G530012D1 gene // --- // 100038536	G530012D18Rik	3.38194E-06	2.21981	Week 6 up vs Week 3
10604984	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	0.000366334	2.22014	Week 6 up vs Week 3
10368670	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	8.10335E-08	2.22041	Week 6 up vs Week 3
10551250	---		1.30044E-05	2.22051	Week 6 up vs Week 3
10426503	XR_032232 // Gm4371 // eukaryotic translation initiation factor 3, subunit I pse	Gm4371	1.9096E-11	2.22087	Week 6 up vs Week 3
10344167	---		7.02988E-07	2.22298	Week 6 up vs Week 3
10514128	NM_027238 // Ttc39b // tetratricopeptide repeat domain 39B // 4 C3 // 69863 ///	Ttc39b	8.12957E-06	2.22438	Week 6 up vs Week 3
10341916	---		5.47305E-05	2.2247	Week 6 up vs Week 3
10344485	---		1.93214E-05	2.22481	Week 6 up vs Week 3
10439249	NM_001039530 // Parp14 // poly (ADP-ribose) polymerase family, member 14 // 16 B	Parp14	4.22208E-06	2.225	Week 6 up vs Week 3
10477813	AY061882 // Rbm39 // RNA binding motif protein 39 // 2 H1 // 170791	Rbm39	8.335E-12	2.22532	Week 6 up vs Week 3
10566415	---		9.95927E-09	2.22635	Week 6 up vs Week 3
10343896	---		0.000394139	2.22639	Week 6 up vs Week 3
10343512	---		4.69649E-06	2.22644	Week 6 up vs Week 3
10350199	NM_001081023 // Cacna1s // calcium channel, voltage-dependent, L type, alpha 1S	Cacna1s	0.00201469	2.22656	Week 6 up vs Week 3
10341145	---		3.2501E-10	2.22799	Week 6 up vs Week 3
10580331	NM_022997 // Vps35 // vacuolar protein sorting 35 // 8 C3 // 65114 /// ENSMUST00	Vps35	0.000002377	2.22855	Week 6 up vs Week 3
10368748	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	1.20934E-07	2.22982	Week 6 up vs Week 3
10339969	---		4.78881E-08	2.23103	Week 6 up vs Week 3
10340814	---		3.37244E-05	2.23109	Week 6 up vs Week 3
10582890	---		5.31785E-06	2.23116	Week 6 up vs Week 3
10583071	NM_010809 // Mmp3 // matrix metallopeptidase 3 // 9 A1|9 1.0 cM // 17392 /// ENS	Mmp3	0.000104037	2.23178	Week 6 up vs Week 3
10476939	NM_001142411 // Gm4979 // predicted gene 4979 // 2 G3 // 245174 /// ENSMUST00000	Gm4979	2.53006E-08	2.23244	Week 6 up vs Week 3
10340482	---		0.000560456	2.23409	Week 6 up vs Week 3
10523905	NM_013827 // Mtf2 // metal response element binding transcription factor 2 // 5	Mtf2	2.48217E-09	2.23417	Week 6 up vs Week 3
10342354	---		4.68761E-07	2.23442	Week 6 up vs Week 3
10339888	---		1.33206E-05	2.23459	Week 6 up vs Week 3
10532574	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.000517228	2.23509	Week 6 up vs Week 3
10342028	---		2.51293E-05	2.23601	Week 6 up vs Week 3
10339066	---		5.78653E-06	2.23607	Week 6 up vs Week 3

10344044	---		2.70963E-05	2.23652	Week 6 up vs Week 3
10338151	---		1.1E-13	2.2367	Week 6 up vs Week 3
10511939	NM_026293 // Spaca1 // sperm acrosome associated 1 // 4 A5 // 67652 /// ENSMUST0	Spaca1	8.3787E-08	2.23783	Week 6 up vs Week 3
10342477	---		0.0203679	2.23793	Week 6 up vs Week 3
10342624	---		0.00148776	2.2386	Week 6 up vs Week 3
10342959	---		0.00126473	2.23942	Week 6 up vs Week 3
10339572	---		4.39184E-06	2.23965	Week 6 up vs Week 3
10339136	---		2.83686E-05	2.23976	Week 6 up vs Week 3
10380558	---		3.6E-14	2.24016	Week 6 up vs Week 3
10396442	NM_178392 // Snapc1 // small nuclear RNA activating complex, polypeptide 1 // 12	Snapc1	2.7985E-11	2.24132	Week 6 up vs Week 3
10340695	---		2.6383E-06	2.24262	Week 6 up vs Week 3
10522558	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	5.08944E-05	2.24378	Week 6 up vs Week 3
10602020	NM_001081499 // Tbc1d8b // TBC1 domain family, member 8B // X F1 // 245638 /// E	Tbc1d8b	9.26113E-08	2.24388	Week 6 up vs Week 3
10342979	---		4.14088E-06	2.24427	Week 6 up vs Week 3
10465764	NM_177002 // C730048C13Rik // RIKEN cDNA C730048C13 gene // 19 A // 319800 /// E	C730048C13Rik	3.40801E-07	2.24465	Week 6 up vs Week 3
10338276	---		3.16424E-06	2.24496	Week 6 up vs Week 3
10340707	---		1.93451E-05	2.24536	Week 6 up vs Week 3
10339178	---		2.10398E-05	2.24564	Week 6 up vs Week 3
10339270	---		0.000554674	2.24671	Week 6 up vs Week 3
10344569	---		0.000313008	2.2468	Week 6 up vs Week 3
10342634	---		9.8984E-07	2.24702	Week 6 up vs Week 3
10343239	---		3.88626E-05	2.24706	Week 6 up vs Week 3
10344511	---		0.000152467	2.24748	Week 6 up vs Week 3
10341118	---		4.44459E-06	2.24848	Week 6 up vs Week 3
10400581	NM_013902 // Fkbp3 // FK506 binding protein 3 // 12 C3 // 30795 /// NM_177806 //	Fkbp3	1.85762E-09	2.25307	Week 6 up vs Week 3
10483000	NM_001159564 // Itgb6 // integrin beta 6 // 2 C3|2 34.0 cM // 16420 /// NM_02135	Itgb6	0.000087016	2.2544	Week 6 up vs Week 3
10340905	---		0.0127724	2.25554	Week 6 up vs Week 3
10338655	---		8.03922E-06	2.25576	Week 6 up vs Week 3
10375515	NM_008330 // Ifi47 // interferon gamma inducible protein 47 // 11 B1.2 // 15953	Ifi47	3.50209E-06	2.25615	Week 6 up vs Week 3
10532765	---		1.04053E-06	2.25668	Week 6 up vs Week 3
10389143	NM_181545 // Slfn8 // schlafen 8 // 11 C // 276950 /// ENSMUST00000038141 // Slf	Slfn8	2.199E-12	2.25741	Week 6 up vs Week 3
10421970	---		5.77109E-07	2.25989	Week 6 up vs Week 3
10386262	BC060226 // Obscn // obscurin, cytoskeletal calmodulin and titin-interacting Rho	Obscn	0.00100389	2.26065	Week 6 up vs Week 3
10342206	---		6.68914E-05	2.26248	Week 6 up vs Week 3
10518358	NM_145078 // 2610305D13Rik // RIKEN cDNA 2610305D13 gene // 4 E1 // 112422 /// E	2610305D13Rik	5.55463E-08	2.26249	Week 6 up vs Week 3
10339522	---		7.84418E-05	2.26399	Week 6 up vs Week 3
10482731	NM_018785 // Prpf40a // PRP40 pre-mRNA processing factor 40 homolog A (yeast) //	Prpf40a	1.44966E-08	2.26456	Week 6 up vs Week 3
10582862	NM_027144 // Arhgef12 // Rho guanine nucleotide exchange factor (GEF) 12 // 9 B	Arhgef12	2.44932E-07	2.26664	Week 6 up vs Week 3
10513320	NM_025968 // Ptgr1 // prostaglandin reductase 1 // 4 C1 // 67103 /// ENSMUST0000	Ptgr1	0.0074657	2.26729	Week 6 up vs Week 3
10437222	NM_053263 // Hnrnpa3 // heterogeneous nuclear ribonucleoprotein A3 // 2 A7.2 //	Hnrnpa3	3.36E-12	2.27032	Week 6 up vs Week 3
10339490	---		2.98151E-06	2.27312	Week 6 up vs Week 3
10531041	NM_152811 // Ugt2b1 // UDP glucuronosyltransferase 2 family, polypeptide B1 // 5	Ugt2b1	3.31686E-09	2.27383	Week 6 up vs Week 3
10598057	---		0.00144645	2.2763	Week 6 up vs Week 3
10585988	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	1.0725E-11	2.27707	Week 6 up vs Week 3
10338909	---		0.000129618	2.27873	Week 6 up vs Week 3
10342627	---		2.37955E-07	2.27972	Week 6 up vs Week 3
10407543	NM_027000 // Gtpbp4 // GTP binding protein 4 // --- // 69237 /// ENSMUST00000021	Gtpbp4	1.82172E-09	2.27983	Week 6 up vs Week 3
10338624	---		9.79858E-07	2.2804	Week 6 up vs Week 3
10600131	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	0.000493062	2.28113	Week 6 up vs Week 3
10385504	NM_001024230 // Gm5431 // predicted gene 5431 // 11 B1.2 // 432555 /// ENSMUST00	Gm5431	0.000617839	2.28116	Week 6 up vs Week 3
10339101	---		3.77657E-05	2.28334	Week 6 up vs Week 3
10582562	---		6.76713E-05	2.28461	Week 6 up vs Week 3
10600604	NM_007868 // Dmd // dystrophin, muscular dystrophy // X C|X 32.0 cM // 13405 ///	Dmd	9.07326E-05	2.28466	Week 6 up vs Week 3
10389151	NM_181542 // Slfn10 // schlafen 10 // 11 C // 237887 /// NM_181545 // Slfn8 // s	Slfn10	4.18E-13	2.28567	Week 6 up vs Week 3
10342491	---		3.26271E-06	2.2882	Week 6 up vs Week 3
10599581	NM_133729 // 2610018G03Rik // RIKEN cDNA 2610018G03 gene // X A3.3 // 70415 ///	2610018G03Rik	0.000139348	2.28897	Week 6 up vs Week 3
10342870	---		1.14398E-05	2.29056	Week 6 up vs Week 3
10607004	NM_016883 // Psmd10 // proteasome (prosome, macropain) 26S subunit, non-ATPase,	Psmd10	3.53557E-08	2.2908	Week 6 up vs Week 3
10343170	---		4.9712E-08	2.29226	Week 6 up vs Week 3
10536103	ENSMUST00000099243 // LOC624931 // similar to D5Ertd577e protein // --- // 62493	LOC624931	0.000068542	2.29232	Week 6 up vs Week 3
10476817	NM_181040 // Atpaf1 // ATP synthase mitochondrial F1 complex assembly factor 1 /	Atpaf1	2.6081E-11	2.29352	Week 6 up vs Week 3
10538590	ENSMUST00000031817 // Herc5 // hect domain and RLD 5 // 6 C1|6 // 67138 /// ENSM	Herc5	2.52254E-05	2.29384	Week 6 up vs Week 3
10343859	---		6.82489E-05	2.29454	Week 6 up vs Week 3
10550998	ENSMUST00000073390 // Gm5893 // predicted gene 5893 // 7 A3 // 545936	Gm5893	5.05434E-10	2.29492	Week 6 up vs Week 3
10340504	---		6.42164E-06	2.2959	Week 6 up vs Week 3

10595480	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	8.00053E-07	2.3003	Week 6 up vs Week 3
10341456	---		8.08686E-08	2.30041	Week 6 up vs Week 3
10341547	---		0.0110953	2.30062	Week 6 up vs Week 3
10362968	NM_024285 // Bves // blood vessel epicardial substance // 10 B2|10 29.0 cM // 23	Bves	2.84733E-06	2.30126	Week 6 up vs Week 3
10341566	---		0.000105292	2.30138	Week 6 up vs Week 3
10531928	---		6.38565E-07	2.30231	Week 6 up vs Week 3
10343076	---		1.81815E-06	2.30246	Week 6 up vs Week 3
10343061	---		2.04834E-07	2.30736	Week 6 up vs Week 3
10338512	---		1.97388E-08	2.30844	Week 6 up vs Week 3
10339113	---		0.000125875	2.309	Week 6 up vs Week 3
10497485	---		4.38927E-08	2.30935	Week 6 up vs Week 3
10526085	---		0.00197684	2.31013	Week 6 up vs Week 3
10344155	---		9.68429E-06	2.31056	Week 6 up vs Week 3
10582860	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	2.05829E-05	2.3116	Week 6 up vs Week 3
10582877	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	2.05829E-05	2.3116	Week 6 up vs Week 3
10591161	ENSMUST00000034647 // Zfp558 // zinc finger protein 558 // 9 A3 // 72230	Zfp558	5.29384E-08	2.3119	Week 6 up vs Week 3
10341005	---		0.00142227	2.31282	Week 6 up vs Week 3
10339564	---		2.03554E-05	2.31387	Week 6 up vs Week 3
10344177	---		0.00110049	2.31442	Week 6 up vs Week 3
10532580	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	6.02525E-07	2.31499	Week 6 up vs Week 3
10485963	NM_181416 // Arhgap11a // Rho GTPase activating protein 11A // 2 E4 // 228482 //	Arhgap11a	5.55482E-06	2.31599	Week 6 up vs Week 3
10342965	---		6.42201E-08	2.31808	Week 6 up vs Week 3
10399908	NM_011158 // Prkar2b // protein kinase, cAMP dependent regulatory, type II beta	Prkar2b	2.63367E-08	2.31864	Week 6 up vs Week 3
10342822	---		0.000773713	2.31877	Week 6 up vs Week 3
10341674	---		1.11763E-06	2.31969	Week 6 up vs Week 3
10353034	NR_004410 // Snord87 // small nucleolar RNA, C/D box 87 // 1|1 // 266793	Snord87	2.99863E-07	2.3202	Week 6 up vs Week 3
10344568	---		2.08872E-07	2.32034	Week 6 up vs Week 3
10494160	NM_016712 // Tmod4 // tropomodulin 4 // 3 F2.1|3 52.0 cM // 50874 /// ENSMUST000	Tmod4	0.000693951	2.32073	Week 6 up vs Week 3
10440284	BC020029 // 4930453N24Rik // RIKEN cDNA 4930453N24 gene // 16 C1.3 // 67609 ///	4930453N24Rik	1.6008E-07	2.32194	Week 6 up vs Week 3
10338133	---		7.09124E-07	2.32367	Week 6 up vs Week 3
10340578	---		4.35468E-09	2.32368	Week 6 up vs Week 3
10552090	NM_207262 // Abpe // androgen binding protein epsilon // 7 B1 // 381970 /// ENSM	Abpe	1.65779E-08	2.32384	Week 6 up vs Week 3
10344741	NM_053263 // Hnrnpa3 // heterogeneous nuclear ribonucleoprotein A3 // 2 A7.2 //	Hnrnpa3	1.4153E-11	2.32411	Week 6 up vs Week 3
10515113	NM_053263 // Hnrnpa3 // heterogeneous nuclear ribonucleoprotein A3 // 2 A7.2 //	Hnrnpa3	1.4153E-11	2.32411	Week 6 up vs Week 3
10339472	---		1.66119E-05	2.32481	Week 6 up vs Week 3
10566624	NM_001162940 // Gm10081 // predicted gene 10081 // 7 E3 // 384732 /// ENSMUST000	Gm10081	6.32133E-06	2.32626	Week 6 up vs Week 3
10343115	---		4.68321E-07	2.3265	Week 6 up vs Week 3
10339634	---		0.000328161	2.32812	Week 6 up vs Week 3
10412082	NM_028487 // Gpbp1 // GC-rich promoter binding protein 1 // 13 D2.1 // 73274 ///	Gpbp1	9.0174E-10	2.32914	Week 6 up vs Week 3
10415784	NM_023233 // Trim13 // tripartite motif-containing 13 // 14 D1 // 66597 /// ENSM	Trim13	1.5965E-06	2.32957	Week 6 up vs Week 3
10340549	---		6.69904E-05	2.33038	Week 6 up vs Week 3
10339918	---		0.000794864	2.33047	Week 6 up vs Week 3
10339168	---		2.79679E-06	2.33081	Week 6 up vs Week 3
10341549	---		2.20573E-06	2.33098	Week 6 up vs Week 3
10354732	NM_010477 // Hspd1 // heat shock protein 1 (chaperonin) // 1 C1.2 // 15510 /// E	Hspd1	4.20631E-07	2.3312	Week 6 up vs Week 3
10461723	BC038020 // Fam111a // family with sequence similarity 111, member A // 19 B|19	Fam111a	0.000135826	2.33121	Week 6 up vs Week 3
10342981	---		0.000064437	2.33141	Week 6 up vs Week 3
10459389	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	1.37857E-07	2.33186	Week 6 up vs Week 3
10343671	---		0.000260888	2.33291	Week 6 up vs Week 3
10484865	---		2.52003E-08	2.3333	Week 6 up vs Week 3
10516213	NM_023423 // Akirin1 // akirin 1 // 4 D1 // 68050 /// ENSMUST00000102636 // Akir	Akirin1	5.682E-08	2.33338	Week 6 up vs Week 3
10344174	---		5.06365E-08	2.33451	Week 6 up vs Week 3
10497265	NM_024406 // Fabp4 // fatty acid binding protein 4, adipocyte // 3 A1|3 13.9 cM	Fabp4	0.00378284	2.33676	Week 6 up vs Week 3
10340179	---		0.0010643	2.33701	Week 6 up vs Week 3
10343292	---		2.55446E-08	2.33789	Week 6 up vs Week 3
10342139	---		7.57597E-05	2.3381	Week 6 up vs Week 3
10342370	---		8.06817E-05	2.33857	Week 6 up vs Week 3
10339950	---		7.91293E-05	2.33929	Week 6 up vs Week 3
10501699	NM_001081326 // Agl // amylo-1,6-glucosidase, 4-alpha-glucanotransferase // 3 G1	Agl	4.33864E-06	2.33935	Week 6 up vs Week 3
10343914	---		4.04305E-05	2.34049	Week 6 up vs Week 3
10343697	---		2.03324E-09	2.34051	Week 6 up vs Week 3
10598081	---		0.000145617	2.34144	Week 6 up vs Week 3
10341500	---		0.000191642	2.3419	Week 6 up vs Week 3
10428398	NM_008388 // Eif3e // eukaryotic translation initiation factor 3, subunit E // 1	Eif3e	6.46468E-07	2.34219	Week 6 up vs Week 3
10344078	---		3.65397E-05	2.34401	Week 6 up vs Week 3

10341619	---		0.000005128	2.34408	Week 6 up vs Week 3
10340292	---		0.000197975	2.3453	Week 6 up vs Week 3
10507273	NM_181585 // Pik3r3 // phosphatidylinositol 3 kinase, regulatory subunit, polype	Pik3r3	5.8304E-07	2.3463	Week 6 up vs Week 3
10340672	---		4.81689E-07	2.34639	Week 6 up vs Week 3
10339078	---		3.77601E-06	2.34643	Week 6 up vs Week 3
10340195	---		0.00107662	2.34727	Week 6 up vs Week 3
10510230	NM_001039209 // Gm13152 // predicted gene 13152 // 4 E1|4 // 195531 /// NM_00101	Gm13152	1.84689E-09	2.34744	Week 6 up vs Week 3
10341881	---		8.19315E-05	2.34963	Week 6 up vs Week 3
10394699	NM_009072 // Rock2 // Rho-associated coiled-coil containing protein kinase 2 //	Rock2	1.82433E-09	2.3521	Week 6 up vs Week 3
10360391	NM_001045481 // Ifi203 // interferon activated gene 203 // 1 H3|1 95.31 cM // 15	Ifi203	1.25041E-08	2.35342	Week 6 up vs Week 3
10338542	---		3.29968E-06	2.35363	Week 6 up vs Week 3
10349138	NM_025867 // Serpinb11 // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb11	0.00994091	2.35493	Week 6 up vs Week 3
10582464	---		2.88691E-09	2.35521	Week 6 up vs Week 3
10416371	NM_175116 // Lpar6 // lysophosphatidic acid receptor 6 // 14 D3 // 67168 /// ENS	Lpar6	1.87065E-06	2.35641	Week 6 up vs Week 3
10512935	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	7.84287E-08	2.35731	Week 6 up vs Week 3
10342714	---		9.12482E-07	2.35761	Week 6 up vs Week 3
10552919	NM_010473 // Hrc // histidine rich calcium binding protein // 7 B4|7 20.4 cM //	Hrc	0.000156663	2.35914	Week 6 up vs Week 3
10341716	---		0.00022359	2.35952	Week 6 up vs Week 3
10397081	NM_027349 // Rbm25 // RNA binding motif protein 25 // 12 D1 // 67039 /// ENSMUST	Rbm25	1.90213E-10	2.35988	Week 6 up vs Week 3
10457669	NM_007882 // Dsc3 // desmocollin 3 // 18 A2|18 7.0 cM // 13507 /// ENSMUST000001	Dsc3	0.0180647	2.3607	Week 6 up vs Week 3
10338665	---		3.08112E-06	2.36106	Week 6 up vs Week 3
10485771	NM_207254 // Olfr1286 // olfactory receptor 1286 // 2 E3 // 277562 /// ENSMUST00	Olfr1286	5.2845E-09	2.36291	Week 6 up vs Week 3
10340417	---		2.19771E-06	2.36348	Week 6 up vs Week 3
10472605	NM_009278 // Ssb // Sjogren syndrome antigen B // 2 C2|2 41.0 cM // 20823 /// NM	Ssb	2.21105E-09	2.36506	Week 6 up vs Week 3
10409021	NM_016785 // Tpmt // thiopurine methyltransferase // 13 A5|13 28.0 cM // 22017 /	Tpmt	2.77E-13	2.36516	Week 6 up vs Week 3
10340470	---		7.2322E-07	2.36627	Week 6 up vs Week 3
10343099	---		1.15763E-07	2.36628	Week 6 up vs Week 3
10340559	---		1.9492E-06	2.36792	Week 6 up vs Week 3
10344013	---		5.85703E-07	2.37041	Week 6 up vs Week 3
10440562	NM_001081068 // Rnf160 // ring finger protein 160 // 16 C3.3 // 78913 /// ENSMUS	Rnf160	6.14236E-08	2.3705	Week 6 up vs Week 3
10341471	---		5.09277E-08	2.37067	Week 6 up vs Week 3
10339446	---		1.72109E-05	2.37184	Week 6 up vs Week 3
10339335	---		3.42168E-06	2.3745	Week 6 up vs Week 3
10343357	---		1.87195E-06	2.37707	Week 6 up vs Week 3
10545940	NM_011818 // Gmcl1 // germ cell-less homolog 1 (Drosophila) // 6 D1|6 47.3 cM //	Gmcl1	3.15437E-09	2.38008	Week 6 up vs Week 3
10582882	---		6.07104E-06	2.38053	Week 6 up vs Week 3
10504902	NM_026509 // Murc // muscle-related coiled-coil protein // 4 B2 // 68016 /// ENS	Murc	2.24705E-05	2.38148	Week 6 up vs Week 3
10537494	NM_028358 // Ssbp1 // single-stranded DNA binding protein 1 // 6 B2 // 381760 //	Ssbp1	4.2E-13	2.38241	Week 6 up vs Week 3
10341900	---		2.78167E-07	2.3835	Week 6 up vs Week 3
10344220	---		5.93618E-06	2.38416	Week 6 up vs Week 3
10344113	---		0.000679403	2.38559	Week 6 up vs Week 3
10339919	---		4.31675E-08	2.38977	Week 6 up vs Week 3
10358224	NM_001111316 // Ptprc // protein tyrosine phosphatase, receptor type, C // 1 E4|	Ptprc	8E-14	2.39089	Week 6 up vs Week 3
10343366	---		0.000465828	2.39165	Week 6 up vs Week 3
10338527	---		0.0118419	2.39466	Week 6 up vs Week 3
10490972	NM_001081281 // Trim55 // tripartite motif-containing 55 // 3 A2 // 381485 /// E	Trim55	0.000308709	2.39503	Week 6 up vs Week 3
10362458	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00202801	2.39643	Week 6 up vs Week 3
10343951	---		5.60508E-06	2.39881	Week 6 up vs Week 3
10342021	---		6.3541E-11	2.39981	Week 6 up vs Week 3
10341595	---		5.31568E-10	2.40062	Week 6 up vs Week 3
10341914	---		8.48755E-07	2.40171	Week 6 up vs Week 3
10340052	---		3.49657E-06	2.4019	Week 6 up vs Week 3
10338643	---		0.000159771	2.40241	Week 6 up vs Week 3
10343281	---		0.000150824	2.40308	Week 6 up vs Week 3
10339014	---		1.29874E-06	2.4039	Week 6 up vs Week 3
10338047	---		3.28466E-06	2.40472	Week 6 up vs Week 3
10342007	---		0.00004752	2.40535	Week 6 up vs Week 3
10342078	---		8.57182E-05	2.40883	Week 6 up vs Week 3
10339426	---		3.47499E-09	2.40887	Week 6 up vs Week 3
10339650	---		1.28831E-07	2.40908	Week 6 up vs Week 3
10343164	---		1.38463E-05	2.41122	Week 6 up vs Week 3
10343987	---		9.99337E-05	2.41167	Week 6 up vs Week 3
10483110	NM_027835 // Ifih1 // interferon induced with helicase C domain 1 // 2 C3 // 715	Ifih1	1.02631E-05	2.41294	Week 6 up vs Week 3
10599736	NM_001077361 // Fhl1 // four and a half LIM domains 1 // X A6-A7.1 // 14199 ///	Fhl1	0.000182145	2.41384	Week 6 up vs Week 3
10407940	ENSMUST00000103563 // Naip3 // NLR family, apoptosis inhibitory protein 3 // 13	Naip3	5.16643E-08	2.41388	Week 6 up vs Week 3

10343781	---		0.000176521	2.41435	Week 6 up vs Week 3
10432176	AF357396 // Snora34 // small nucleolar RNA, H/ACA box 34 // 15|15 // 100217417	Snora34	6.12063E-07	2.41583	Week 6 up vs Week 3
10343675	---		4.36873E-06	2.41592	Week 6 up vs Week 3
10567589	NM_001033173 // Usp31 // ubiquitin specific peptidase 31 // 7 F2 // 76179 /// EN	Usp31	3.2E-14	2.41646	Week 6 up vs Week 3
10545101	NM_019455 // Hpgds // hematopoietic prostaglandin D synthase // 6 D-E // 54486 /	Hpgds	0.000386078	2.41786	Week 6 up vs Week 3
10340346	---		5.79337E-08	2.41897	Week 6 up vs Week 3
10340859	---		4.04104E-07	2.42026	Week 6 up vs Week 3
10423921	NM_001130166 // Oxr1 // oxidation resistance 1 // 15 D1 // 170719 /// NM_130885	Oxr1	3.72998E-05	2.42043	Week 6 up vs Week 3
10490203	NM_010309 // Gnas // GNAS (guanine nucleotide binding protein, alpha stimulating	Gnas	2.11219E-07	2.4218	Week 6 up vs Week 3
10485361	BC025075 // B230118H07Rik // RIKEN cDNA B230118H07 gene // 2 E2|2 56.0 cM // 681	B230118H07Rik	4.3746E-11	2.42321	Week 6 up vs Week 3
10341124	---		1.11272E-06	2.42421	Week 6 up vs Week 3
10398364	---		1.93528E-08	2.42509	Week 6 up vs Week 3
10540298	NM_007697 // Chl1 // cell adhesion molecule with homology to L1CAM // --- // 126	Chl1	0.000605928	2.42682	Week 6 up vs Week 3
10400155	ENSMUST00000066043 // Nova1 // neuro-oncological ventral antigen 1 // 12 B3 // 6	Nova1	1.67899E-08	2.42711	Week 6 up vs Week 3
10534085	NM_011079 // Phkg1 // phosphorylase kinase gamma 1 // 5 G1.3|5 72.0 cM // 18682	Phkg1	3.62986E-05	2.42775	Week 6 up vs Week 3
10340528	---		9.45478E-08	2.42781	Week 6 up vs Week 3
10343235	---		6.64715E-09	2.43034	Week 6 up vs Week 3
10502949	---		5.16987E-06	2.43127	Week 6 up vs Week 3
10338320	---		5.55906E-09	2.4332	Week 6 up vs Week 3
10482795	NM_029972 // Ermn // ermin, ERM-like protein // 2 C2|2 // 77767 /// ENSMUST00000	Ermn	0.000380233	2.43333	Week 6 up vs Week 3
10598062	---		0.00014035	2.4338	Week 6 up vs Week 3
10344000	---		0.000266961	2.43413	Week 6 up vs Week 3
10338093	---		6.55128E-08	2.43513	Week 6 up vs Week 3
10557058	ENSMUST00000098072 // Polr3e // polymerase (RNA) III (DNA directed) polypeptide	Polr3e	8.7763E-11	2.43903	Week 6 up vs Week 3
10338104	---		1.75089E-08	2.44039	Week 6 up vs Week 3
10340697	---		1.82891E-05	2.44078	Week 6 up vs Week 3
10338924	---		5.11803E-08	2.44105	Week 6 up vs Week 3
10342781	---		5.20168E-06	2.44134	Week 6 up vs Week 3
10343652	---		0.000303598	2.44313	Week 6 up vs Week 3
10340827	---		3.502E-12	2.44539	Week 6 up vs Week 3
10548547	AK136154 // Gm6600 // predicted gene 6600 // 6 F3 // 625558	Gm6600	6.37645E-08	2.44724	Week 6 up vs Week 3
10512145	NM_007473 // Aqp7 // aquaporin 7 // 4 B1 // 11832 /// ENSMUST00000116345 // Aqp7	Aqp7	0.000018995	2.44828	Week 6 up vs Week 3
10340090	---		1.08634E-07	2.44847	Week 6 up vs Week 3
10339429	---		2.76866E-08	2.45227	Week 6 up vs Week 3
10341687	---		5.82614E-09	2.4558	Week 6 up vs Week 3
10343296	---		8.08582E-05	2.45608	Week 6 up vs Week 3
10340243	---		8.48715E-05	2.45843	Week 6 up vs Week 3
10342081	---		2.15107E-06	2.45853	Week 6 up vs Week 3
10341639	---		1.13928E-10	2.45865	Week 6 up vs Week 3
10536052	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	3.34535E-05	2.45917	Week 6 up vs Week 3
10536143	ENSMUST00000099243 // LOC624931 // similar to D5Ertd577e protein // --- // 62493	LOC624931	3.34535E-05	2.45917	Week 6 up vs Week 3
10340527	---		5.00981E-05	2.46152	Week 6 up vs Week 3
10523337	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	4.50532E-05	2.46221	Week 6 up vs Week 3
10536025	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	4.50532E-05	2.46221	Week 6 up vs Week 3
10491922	NM_053089 // Narg1 // NMDA receptor-regulated gene 1 // 3 D // 74838 /// ENSMUST	Narg1	1.3568E-06	2.46252	Week 6 up vs Week 3
10340475	---		9.78781E-07	2.46531	Week 6 up vs Week 3
10404700	NM_145441 // Ubxn2a // UBX domain protein 2A // 12 A1.1 // 217379 /// ENSMUST000	Ubxn2a	8.151E-12	2.46569	Week 6 up vs Week 3
10343111	---		6.70845E-08	2.46672	Week 6 up vs Week 3
10340587	---		9.73221E-06	2.46796	Week 6 up vs Week 3
10582941	NM_027545 // Cwf19l2 // CWF19-like 2, cell cycle control (S. pombe) // 9 A1 // 2	Cwf19l2	1.02245E-10	2.46921	Week 6 up vs Week 3
10342878	---		1.09599E-08	2.46968	Week 6 up vs Week 3
10338460	---		4.37544E-09	2.47102	Week 6 up vs Week 3
10395538	NM_026164 // Pnpla8 // patatin-like phospholipase domain containing 8 // 12 B3 /	Pnpla8	2.3136E-11	2.47225	Week 6 up vs Week 3
10382321	NM_008425 // Kcnj2 // potassium inwardly-rectifying channel, subfamily J, member	Kcnj2	3.22819E-05	2.47353	Week 6 up vs Week 3
10342594	---		8.44757E-05	2.47677	Week 6 up vs Week 3
10340018	---		0.000410254	2.47765	Week 6 up vs Week 3
10341086	---		1.64194E-06	2.4779	Week 6 up vs Week 3
10343957	---		1.88161E-05	2.47812	Week 6 up vs Week 3
10342144	---		2.53235E-06	2.48116	Week 6 up vs Week 3
10347583	NM_010043 // Des // desmin // 1 C3|1 41.1 cM // 13346 /// ENSMUST00000027409 //	Des	0.00147988	2.48352	Week 6 up vs Week 3
10416155	NM_001111028 // Kctd9 // potassium channel tetramerisation domain containing 9 /	Kctd9	2.53885E-09	2.48491	Week 6 up vs Week 3
10346874	---		4.33E-13	2.48604	Week 6 up vs Week 3
10429500	NM_020519 // Slurp1 // secreted Ly6/Plaur domain containing 1 // 15 D3 // 57277	Slurp1	0.0197469	2.48623	Week 6 up vs Week 3
10338183	---		0.000510504	2.48864	Week 6 up vs Week 3
10493910	NM_001034860 // Gm4858 // predicted gene 4858 // 3 F1|3 // 229571 /// ENSMUST000	Gm4858	0.000664521	2.48893	Week 6 up vs Week 3

10603051	NM_026887 // Ap1s2 // adaptor-related protein complex 1, sigma 2 subunit // X F5	Ap1s2	1.79317E-06	2.48921	Week 6 up vs Week 3
10598091	---		9.2865E-06	2.48935	Week 6 up vs Week 3
10342388	---		7.06698E-06	2.48965	Week 6 up vs Week 3
10339376	---		0.000155455	2.4918	Week 6 up vs Week 3
10339699	---		3.02946E-05	2.49365	Week 6 up vs Week 3
10344259	---		6.73258E-06	2.49396	Week 6 up vs Week 3
10341846	---		1.80806E-06	2.49487	Week 6 up vs Week 3
10341472	---		0.000110003	2.497	Week 6 up vs Week 3
10339324	---		7.64939E-09	2.4978	Week 6 up vs Week 3
10342183	---		6.81669E-08	2.49816	Week 6 up vs Week 3
10498361	NM_032399 // Gpr87 // G protein-coupled receptor 87 // 3 D // 84111 /// ENSMUST0	Gpr87	0.00163575	2.50047	Week 6 up vs Week 3
10340785	---		2.12117E-06	2.50462	Week 6 up vs Week 3
10342164	---		4.36365E-07	2.50496	Week 6 up vs Week 3
10341042	---		1.44594E-05	2.50611	Week 6 up vs Week 3
10552299	NM_183166 // Gm4884 // predicted gene 4884 // 7 B3|7 // 233164 /// ENSMUST000000	Gm4884	2.00041E-08	2.50937	Week 6 up vs Week 3
10562784	NM_178067 // Mybpc2 // myosin binding protein C, fast-type // 7 B4 // 233199 ///	Mybpc2	0.00324417	2.51178	Week 6 up vs Week 3
10344320	---		3.83363E-06	2.51204	Week 6 up vs Week 3
10395612	NM_001015099 // G2e3 // G2/M-phase specific E3 ubiquitin ligase // 12 C1 // 2175	G2e3	8.02469E-08	2.5122	Week 6 up vs Week 3
10338667	---		9.08189E-08	2.51253	Week 6 up vs Week 3
10501802	NM_178936 // Tmem56 // transmembrane protein 56 // 3 G3 // 99887 /// ENSMUST0000	Tmem56	0.000318421	2.51324	Week 6 up vs Week 3
10342840	---		2.07937E-06	2.51501	Week 6 up vs Week 3
10343148	---		0.000216967	2.51897	Week 6 up vs Week 3
10578683	NM_026030 // Eif2s2 // eukaryotic translation initiation factor 2, subunit 2 (be	Eif2s2	6.47902E-07	2.51947	Week 6 up vs Week 3
10344414	---		3.1494E-11	2.52199	Week 6 up vs Week 3
10598053	---		0.000381471	2.52255	Week 6 up vs Week 3
10340982	---		4.21285E-05	2.52393	Week 6 up vs Week 3
10338417	---		6.92812E-08	2.52623	Week 6 up vs Week 3
10340081	---		3.01425E-05	2.52762	Week 6 up vs Week 3
10598023	---		1.44484E-05	2.52792	Week 6 up vs Week 3
10339220	---		3.26073E-05	2.52996	Week 6 up vs Week 3
10342254	---		3.20193E-08	2.52998	Week 6 up vs Week 3
10338694	---		0.000261916	2.53486	Week 6 up vs Week 3
10434741	---		9.85634E-08	2.53695	Week 6 up vs Week 3
10344542	---		1.09142E-10	2.53958	Week 6 up vs Week 3
10338112	---		9.55079E-07	2.54166	Week 6 up vs Week 3
10338198	---		0.000511475	2.54173	Week 6 up vs Week 3
10385500	NM_008326 // Irgm1 // immunity-related GTPase family M member 1 // 11 B1.2 // 15	Irgm1	1.29627E-06	2.54283	Week 6 up vs Week 3
10417599	---		1.45686E-10	2.54291	Week 6 up vs Week 3
10421524	---		1.45686E-10	2.54291	Week 6 up vs Week 3
10436826	---		1.45686E-10	2.54291	Week 6 up vs Week 3
10476658	---		1.45686E-10	2.54291	Week 6 up vs Week 3
10579823	---		1.45686E-10	2.54291	Week 6 up vs Week 3
10582845	---		1.45686E-10	2.54291	Week 6 up vs Week 3
10352064	---		1.72034E-06	2.54394	Week 6 up vs Week 3
10596148	NM_133977 // Trf // transferrin // 9 F1-F3|9 56.0 cM // 22041 /// ENSMUST0000003	Trf	0.00520931	2.54496	Week 6 up vs Week 3
10548653	NM_001024705 // Prpmp5 // proline-rich protein MP5 // 6 G1 // 381832 /// ENSMUST	Prpmp5	0.00778456	2.5454	Week 6 up vs Week 3
10338368	---		1.54576E-05	2.54658	Week 6 up vs Week 3
10353309	AK081751 // Jph1 // junctophilin 1 // 1 A4 // 57339	Jph1	0.000482106	2.54885	Week 6 up vs Week 3
10340022	---		2.78517E-07	2.54932	Week 6 up vs Week 3
10339474	---		6.16837E-07	2.55244	Week 6 up vs Week 3
10340109	---		0.000103143	2.5526	Week 6 up vs Week 3
10473641	NM_146343 // Olfr1265 // olfactory receptor 1265 // --- // 258340 /// ENSMUST000	Olfr1265	1.24833E-10	2.55441	Week 6 up vs Week 3
10343785	---		1.41471E-08	2.55547	Week 6 up vs Week 3
10440643	NM_181490 // Cldn17 // claudin 17 // 16 C3.3 // 239931 /// ENSMUST00000069549 //	Cldn17	1.85334E-05	2.55967	Week 6 up vs Week 3
10343328	---		1.97873E-07	2.56344	Week 6 up vs Week 3
10362372	NM_001162537 // 9330159F19Rik // RIKEN cDNA 9330159F19 gene // 10 A4 // 212448 /	9330159F19Rik	2.89548E-06	2.56435	Week 6 up vs Week 3
10340964	---		1.39224E-05	2.56719	Week 6 up vs Week 3
10556244	AF357383 // Ipo7 // importin 7 // 7 F1 // 233726	Ipo7	3.06541E-07	2.56835	Week 6 up vs Week 3
10339555	---		3.20362E-05	2.56837	Week 6 up vs Week 3
10400572	NM_025707 // Klhl28 // kelch-like 28 (Drosophila) // 12 C1 // 66689 /// ENSMUST0	Klhl28	4E-15	2.57205	Week 6 up vs Week 3
10344139	---		1.82697E-07	2.57274	Week 6 up vs Week 3
10342934	---		2.31896E-05	2.57312	Week 6 up vs Week 3
10338980	---		6.57858E-07	2.57376	Week 6 up vs Week 3
10424113	NM_178920 // Mal2 // mal, T-cell differentiation protein 2 // 15 D1 // 105853 //	Mal2	0.0153936	2.57452	Week 6 up vs Week 3
10345875	---		4.00587E-06	2.57525	Week 6 up vs Week 3

10590640	ENSMUST00000048921 // 4930433N12Rik // RIKEN cDNA 4930433N12 gene // 9 A1 // 11	4930433N12Rik	8.48583E-08	2.57542	Week 6 up vs Week 3
10342583	---		2.83696E-05	2.57641	Week 6 up vs Week 3
10338367	---		6.18701E-07	2.58507	Week 6 up vs Week 3
10600485	NM_001030307 // Dkc1 // dyskeratosis congenita 1, dyskerin homolog (human) // X	Dkc1	3.08303E-09	2.58517	Week 6 up vs Week 3
10341650	---		6.93672E-07	2.58826	Week 6 up vs Week 3
10344723	NM_021511 // Rrs1 // RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	Rrs1	6.55069E-08	2.5899	Week 6 up vs Week 3
10340343	---		3.12039E-06	2.59189	Week 6 up vs Week 3
10460100	---		7.22E-13	2.59369	Week 6 up vs Week 3
10467206	NM_016854 // Ppp1r3c // protein phosphatase 1, regulatory (inhibitor) subunit 3C	Ppp1r3c	0.000762431	2.59381	Week 6 up vs Week 3
10343416	---		3.7287E-07	2.59572	Week 6 up vs Week 3
10341583	---		0.00207311	2.59663	Week 6 up vs Week 3
10402347	NM_029803 // Ifi27l2a // interferon, alpha-inducible protein 27 like 2A // 12 E	Ifi27l2a	3.96722E-06	2.59692	Week 6 up vs Week 3
10340352	---		9.28031E-07	2.59842	Week 6 up vs Week 3
10469786	NM_153511 // Il1f9 // interleukin 1 family, member 9 // 2 A3|2 10.25 cM // 21525	Il1f9	6.03836E-05	2.59921	Week 6 up vs Week 3
10341778	---		4.57268E-09	2.60472	Week 6 up vs Week 3
10582916	---		3.48516E-06	2.60482	Week 6 up vs Week 3
10342678	---		0.000114236	2.60494	Week 6 up vs Week 3
10452980	NM_011163 // Eif2ak2 // eukaryotic translation initiation factor 2-alpha kinase	Eif2ak2	3.821E-07	2.60768	Week 6 up vs Week 3
10343811	---		8.85499E-07	2.60983	Week 6 up vs Week 3
10351041	---		1.31313E-08	2.61159	Week 6 up vs Week 3
10342181	---		1.33611E-06	2.61301	Week 6 up vs Week 3
10344033	---		4.54594E-06	2.61461	Week 6 up vs Week 3
10426557	NM_021514 // Pfkm // phosphofructokinase, muscle // 15 F1 // 18642 /// ENSMUST00	Pfkm	1.79866E-05	2.6153	Week 6 up vs Week 3
10352178	NM_178653 // Sccpdh // saccharopine dehydrogenase (putative) // 1 H4 // 109232 /	Sccpdh	2.53998E-09	2.6155	Week 6 up vs Week 3
10578916	NM_025436 // Sc4mol // sterol-C4-methyl oxidase-like // 8 B3.1 // 66234 /// ENSM	Sc4mol	0.000509331	2.61681	Week 6 up vs Week 3
10462621	NM_001005858 // I830012O16Rik // RIKEN cDNA I830012O16 gene // 19 C1 // 667370 /	I830012O16Rik	0.000655549	2.61699	Week 6 up vs Week 3
10340302	---		2.29483E-08	2.61891	Week 6 up vs Week 3
10341373	---		2.0154E-11	2.62168	Week 6 up vs Week 3
10402997	ENSMUST00000103453 // LOC630837 // similar to Ig heavy chain V region 5-84 precu	LOC630837	3.36853E-10	2.6234	Week 6 up vs Week 3
10343820	---		4.00493E-07	2.62347	Week 6 up vs Week 3
10344367	---		5.66575E-07	2.62348	Week 6 up vs Week 3
10341529	---		6.5607E-06	2.62526	Week 6 up vs Week 3
10343817	---		4.26471E-07	2.62609	Week 6 up vs Week 3
10344575	---		0.000074718	2.62642	Week 6 up vs Week 3
10341231	---		8.68143E-06	2.62757	Week 6 up vs Week 3
10343695	---		2.0159E-06	2.62855	Week 6 up vs Week 3
10461162	NR_004445 // Snord22 // small nucleolar RNA, C/D box 22 // --- // 100127111	Snord22	7.21326E-06	2.62893	Week 6 up vs Week 3
10344477	---		1.46541E-06	2.63275	Week 6 up vs Week 3
10339204	---		0.000038099	2.63724	Week 6 up vs Week 3
10341909	---		4.16542E-06	2.63751	Week 6 up vs Week 3
10338820	---		1.97512E-07	2.63855	Week 6 up vs Week 3
10341382	---		1.06308E-06	2.64197	Week 6 up vs Week 3
10360398	NM_008327 // Ifi202b // interferon activated gene 202B // 1 H3 // 26388 /// NM_0	Ifi202b	0.0015749	2.64454	Week 6 up vs Week 3
10343376	---		1.59408E-08	2.6451	Week 6 up vs Week 3
10352827	ENSMUST00000016334 // A130010J15Rik // RIKEN cDNA A130010J15 gene // 1 H6 // 31	A130010J15Rik	1.76273E-05	2.6457	Week 6 up vs Week 3
10442032	BC002059 // BC002059 // cDNA sequence BC002059 // 17 A3.1 // 213811 /// ENSMUST0	BC002059	3.14852E-10	2.64604	Week 6 up vs Week 3
10532582	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	9.46263E-06	2.65069	Week 6 up vs Week 3
10339863	---		1.84303E-08	2.65075	Week 6 up vs Week 3
10340641	---		5.2925E-06	2.65443	Week 6 up vs Week 3
10339998	---		0.000172644	2.65486	Week 6 up vs Week 3
10571167	NM_001013609 // Tex24 // testis expressed gene 24 // 8 A2 // 541463 /// ENSMUST0	Tex24	2.38115E-06	2.65582	Week 6 up vs Week 3
10397083	NM_027349 // Rbm25 // RNA binding motif protein 25 // 12 D1 // 67039 /// ENSMUST	Rbm25	4.23102E-10	2.65615	Week 6 up vs Week 3
10339685	---		1.0791E-11	2.65861	Week 6 up vs Week 3
10338862	---		4.22084E-05	2.65879	Week 6 up vs Week 3
10342546	---		1.97483E-05	2.65999	Week 6 up vs Week 3
10343464	---		9.84699E-05	2.66271	Week 6 up vs Week 3
10343462	---		7.12964E-06	2.66517	Week 6 up vs Week 3
10343079	---		4.09804E-07	2.66701	Week 6 up vs Week 3
10342166	---		0.00373262	2.66711	Week 6 up vs Week 3
10545283	NM_001160127 // Smyd1 // SET and MYND domain containing 1 // 6 C1|6 30.5 cM // 1	Smyd1	0.000571092	2.66831	Week 6 up vs Week 3
10436598	ENSMUST00000068704 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 /	2810055G20Rik	4.13907E-05	2.66884	Week 6 up vs Week 3
10341517	---		0.000322144	2.66995	Week 6 up vs Week 3
10340553	---		1.38571E-07	2.67552	Week 6 up vs Week 3
10340877	---		0.000264305	2.67644	Week 6 up vs Week 3
10341823	---		5.43111E-08	2.67688	Week 6 up vs Week 3

10384579	NM_139297 // Ugp2 // UDP-glucose pyrophosphorylase 2 // 11 A3.1|11 12.0 cM // 21	Ugp2	2.84262E-09	2.67802	Week 6 up vs Week 3
10608509	---		1.65879E-09	2.67947	Week 6 up vs Week 3
10338506	---		1.26434E-08	2.681	Week 6 up vs Week 3
10342650	---		1.6187E-06	2.68174	Week 6 up vs Week 3
10338754	---		5.506E-12	2.68285	Week 6 up vs Week 3
10340550	---		4.44311E-06	2.68666	Week 6 up vs Week 3
10342411	---		1.10887E-06	2.68669	Week 6 up vs Week 3
10341279	---		4.00938E-08	2.6892	Week 6 up vs Week 3
10431872	ENSMUST00000100262 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 //	Slc38a1	1.08112E-07	2.69023	Week 6 up vs Week 3
10341816	---		1.22938E-08	2.69039	Week 6 up vs Week 3
10340113	---		1.64813E-09	2.69061	Week 6 up vs Week 3
10342638	---		1.03833E-05	2.69078	Week 6 up vs Week 3
10394560	NM_025695 // Smc6 // structural maintenance of chromosomes 6 // 12 A2 // 67241 /	Smc6	1.291E-12	2.69411	Week 6 up vs Week 3
10554729	NM_146851 // Olfr295 // olfactory receptor 295 // --- // 258850 /// ENSMUST00000	Olfr295	5.62949E-08	2.69535	Week 6 up vs Week 3
10408557	NM_025429 // Serpinb1a // serine (or cysteine) peptidase inhibitor, clade B, mem	Serpinb1a	7.05415E-06	2.6979	Week 6 up vs Week 3
10339571	---		4.90731E-05	2.69999	Week 6 up vs Week 3
10343523	---		2.01405E-06	2.70039	Week 6 up vs Week 3
10428534	NM_032000 // Trps1 // trichorhinophalangeal syndrome I (human) // 15 C|15 30.1 c	Trps1	1.94948E-07	2.70135	Week 6 up vs Week 3
10454113	NM_010079 // Dsg1a // desmoglein 1 alpha // 18 A2|18 7.01 cM // 13510 /// NM_181	Dsg1a	0.0180965	2.70305	Week 6 up vs Week 3
10585976	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	1.11878E-06	2.70721	Week 6 up vs Week 3
10494423	NM_027126 // Hfe2 // hemochromatosis type 2 (juvenile) (human homolog) // 3 F2.1	Hfe2	7.32512E-05	2.70919	Week 6 up vs Week 3
10341985	---		1.90839E-08	2.71122	Week 6 up vs Week 3
10342968	---		1.73848E-05	2.71354	Week 6 up vs Week 3
10338125	---		2.26864E-05	2.71754	Week 6 up vs Week 3
10496373	NM_030143 // Ddit4l // DNA-damage-inducible transcript 4-like // 3 G3 // 73284 /	Ddit4l	0.000178141	2.71786	Week 6 up vs Week 3
10340736	---		1.72261E-07	2.71789	Week 6 up vs Week 3
10343766	---		1.16946E-05	2.7215	Week 6 up vs Week 3
10523168	NM_053087 // Epgn // epithelial mitogen // 5 E2 // 71920 /// ENSMUST00000041516	Epgn	8.20621E-06	2.72308	Week 6 up vs Week 3
10341548	---		2.08278E-06	2.72522	Week 6 up vs Week 3
10496405	NM_177860 // Gm5105 // predicted gene 5105 // 3 G3|3 // 329763 /// ENSMUST000000	Gm5105	0.000216336	2.72743	Week 6 up vs Week 3
10343100	---		1.24762E-06	2.72938	Week 6 up vs Week 3
10343661	---		2.36537E-08	2.73077	Week 6 up vs Week 3
10416379	NM_011506 // Sucla2 // succinate-Coenzyme A ligase, ADP-forming, beta subunit //	Sucla2	7.51965E-08	2.73156	Week 6 up vs Week 3
10608073	NM_011253 // Rbmy1a1 // RNA binding motif protein, Y chromosome, family 1, membe	Rbmy1a1	8.57398E-07	2.73181	Week 6 up vs Week 3
10339183	---		9.58775E-10	2.73403	Week 6 up vs Week 3
10436590	AK148800 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 // 77994 ///	2810055G20Rik	2.13651E-07	2.7341	Week 6 up vs Week 3
10339881	---		5.67032E-06	2.73461	Week 6 up vs Week 3
10338796	---		1.951E-12	2.73549	Week 6 up vs Week 3
10427904	BC050864 // Fbxl7 // F-box and leucine-rich repeat protein 7 // 15 B1 // 448987	Fbxl7	6.53431E-09	2.74023	Week 6 up vs Week 3
10343798	---		7.00182E-07	2.7406	Week 6 up vs Week 3
10338113	---		0.000201469	2.74133	Week 6 up vs Week 3
10341365	---		7.31178E-06	2.74372	Week 6 up vs Week 3
10344209	---		2.57752E-08	2.74379	Week 6 up vs Week 3
10341767	---		9.17104E-06	2.74513	Week 6 up vs Week 3
10491455	NM_001113188 // Fxr1 // fragile X mental retardation gene 1, autosomal homolog /	Fxr1	1.25752E-10	2.74733	Week 6 up vs Week 3
10339911	---		1.43474E-09	2.74998	Week 6 up vs Week 3
10530960	NM_145561 // Tmprss11d // transmembrane protease, serine 11d // 5 E1 // 231382 /	Tmprss11d	0.0106827	2.75126	Week 6 up vs Week 3
10343609	---		0.00536321	2.75431	Week 6 up vs Week 3
10462136	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063 /// BC09	Cycs	3.0876E-08	2.75719	Week 6 up vs Week 3
10338127	---		2.57229E-08	2.75822	Week 6 up vs Week 3
10338849	---		5.42588E-05	2.75845	Week 6 up vs Week 3
10341457	---		6.24805E-05	2.75938	Week 6 up vs Week 3
10398859	NM_007421 // Adssl1 // adenylosuccinate synthetase like 1 // 12 F1 // 11565 ///	Adssl1	0.000113375	2.76152	Week 6 up vs Week 3
10340698	---		0.000232085	2.76254	Week 6 up vs Week 3
10435787	---		1.74723E-10	2.76355	Week 6 up vs Week 3
10344005	---		3.96945E-05	2.76408	Week 6 up vs Week 3
10343102	---		4.25335E-09	2.76445	Week 6 up vs Week 3
10450161	NM_010381 // H2-Ea // histocompatibility 2, class II antigen E alpha // 17 B1|17	H2-Ea	2.98459E-08	2.76586	Week 6 up vs Week 3
10403834	NM_016687 // Sfrp4 // secreted frizzled-related protein 4 // 13 A2|13 7.0 cM //	Sfrp4	0.0003837	2.77042	Week 6 up vs Week 3
10341890	---		7.71203E-08	2.77113	Week 6 up vs Week 3
10502801	NM_031367 // H28 // histocompatibility 28 // 3 H3|3 82.5 cM // 15061 /// ENSMUST	H28	0.000188924	2.77206	Week 6 up vs Week 3
10339552	---		6.12934E-07	2.77255	Week 6 up vs Week 3
10343213	---		7.32595E-07	2.77275	Week 6 up vs Week 3
10342113	---		8.19318E-06	2.77412	Week 6 up vs Week 3
10339025	---		3.33521E-07	2.7796	Week 6 up vs Week 3

10338473	---		8.84513E-08	2.77997	Week 6 up vs Week 3
10343210	---		3.26946E-08	2.78086	Week 6 up vs Week 3
10341403	---		4.23389E-09	2.78247	Week 6 up vs Week 3
10340263	---		2.20352E-09	2.78467	Week 6 up vs Week 3
10342036	---		6.42031E-06	2.78607	Week 6 up vs Week 3
10344478	---		1.92632E-05	2.788	Week 6 up vs Week 3
10339463	---		2.99638E-08	2.78855	Week 6 up vs Week 3
10341617	---		0.000035883	2.78898	Week 6 up vs Week 3
10344537	---		3.16633E-06	2.79023	Week 6 up vs Week 3
10341634	---		3.64812E-08	2.79844	Week 6 up vs Week 3
10589462	U08819 // Mtap4 // microtubule-associated protein 4 // 9 F2|9 58.0 cM // 17758	Mtap4	1.58172E-05	2.80289	Week 6 up vs Week 3
10356403	NM_001110227 // Kcnj13 // potassium inwardly-rectifying channel, subfamily J, me	Kcnj13	0.00211181	2.80302	Week 6 up vs Week 3
10342881	---		1.268E-12	2.80418	Week 6 up vs Week 3
10378436	NM_011002 // Olfr59 // olfactory receptor 59 // 11 B5 // 18359 /// ENSMUST000001	Olfr59	2.41468E-07	2.80497	Week 6 up vs Week 3
10405804	NM_001013608 // 0610007P08Rik // RIKEN cDNA 0610007P08 gene // 13 B3 // 76251 //	0610007P08Rik	2.96E-13	2.80819	Week 6 up vs Week 3
10608041	NM_011253 // Rbmy1a1 // RNA binding motif protein, Y chromosome, family 1, membe	Rbmy1a1	2.46699E-07	2.80926	Week 6 up vs Week 3
10608062	NM_011253 // Rbmy1a1 // RNA binding motif protein, Y chromosome, family 1, membe	Rbmy1a1	2.46699E-07	2.80926	Week 6 up vs Week 3
10528170	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063 /// BC09	Cycs	8.77808E-08	2.80995	Week 6 up vs Week 3
10396645	NM_178744 // Zbtb1 // zinc finger and BTB domain containing 1 // 12 C3 // 268564	Zbtb1	7.76954E-10	2.81309	Week 6 up vs Week 3
10484195	ENSMUST00000099980 // Ttn // titin // 2 D|2 44.0 cM // 22138	Ttn	0.000186134	2.81461	Week 6 up vs Week 3
10338895	---		3.8E-14	2.82263	Week 6 up vs Week 3
10458992	ENSMUST00000025488 // C330018D20Rik // RIKEN cDNA C330018D20 gene // 18 D3 //	C330018D20Rik	1.70255E-09	2.82404	Week 6 up vs Week 3
10542911	NM_010156 // Samd9l // sterile alpha motif domain containing 9-like // 6 A1-A2 /	Samd9l	4.6373E-06	2.82785	Week 6 up vs Week 3
10343406	---		1.30307E-05	2.82967	Week 6 up vs Week 3
10531022	NM_172880 // Tmprss11e // transmembrane protease, serine 11e // 5 E1 // 243084 /	Tmprss11e	0.00261378	2.83024	Week 6 up vs Week 3
10342439	---		1.37976E-05	2.83268	Week 6 up vs Week 3
10343792	---		3.68251E-06	2.83855	Week 6 up vs Week 3
10343579	---		1.03246E-06	2.84165	Week 6 up vs Week 3
10371502	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	0.000156466	2.84512	Week 6 up vs Week 3
10342602	---		5.24766E-07	2.84556	Week 6 up vs Week 3
10341613	---		2.8367E-06	2.84565	Week 6 up vs Week 3
10342923	---		0.000116135	2.85218	Week 6 up vs Week 3
10436623	NM_139134 // Chodl // chondrolectin // 16 C3.2 // 246048 /// ENSMUST00000023568	Chodl	1.33697E-06	2.85323	Week 6 up vs Week 3
10525914	---		1.36448E-05	2.86607	Week 6 up vs Week 3
10338321	---		2.82027E-08	2.86846	Week 6 up vs Week 3
10365987	NM_008438 // Kera // keratocan // 10 C3|10 61.0 cM // 16545 /// ENSMUST000001052	Kera	7.32787E-05	2.86935	Week 6 up vs Week 3
10340748	---		3.69786E-06	2.87229	Week 6 up vs Week 3
10342252	---		4.08255E-07	2.87684	Week 6 up vs Week 3
10608249	---		0.000123633	2.87946	Week 6 up vs Week 3
10343393	---		6.04976E-06	2.87964	Week 6 up vs Week 3
10340393	---		1.24769E-08	2.88117	Week 6 up vs Week 3
10339470	---		6.21449E-09	2.88287	Week 6 up vs Week 3
10338212	---		1.91098E-07	2.88748	Week 6 up vs Week 3
10598075	---		1.53177E-05	2.8897	Week 6 up vs Week 3
10340855	---		9.76661E-06	2.89483	Week 6 up vs Week 3
10341164	---		1.79844E-07	2.91285	Week 6 up vs Week 3
10342796	---		3.34963E-05	2.91662	Week 6 up vs Week 3
10483770	NM_001110209 // Lnp // limb and neural patterns // 2 C3 // 69605 /// NM_027133 /	Lnp	2.69181E-10	2.92053	Week 6 up vs Week 3
10519713	XR_032132 // LOC635773 // hypothetical protein LOC635773 // --- // 635773	LOC635773	2.03E-13	2.92216	Week 6 up vs Week 3
10338200	---		6.48616E-07	2.92481	Week 6 up vs Week 3
10344228	---		1.38526E-08	2.92536	Week 6 up vs Week 3
10341801	---		1.37338E-06	2.92746	Week 6 up vs Week 3
10496425	NM_009626 // Adh7 // alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide	Adh7	7.70387E-05	2.92996	Week 6 up vs Week 3
10342759	---		0.00252755	2.93	Week 6 up vs Week 3
10343959	---		3.41937E-07	2.93068	Week 6 up vs Week 3
10379630	NM_011408 // Slfn2 // schlafen 2 // 11 C|11 48.0 cM // 20556 /// ENSMUST00000038	Slfn2	5.58105E-07	2.93442	Week 6 up vs Week 3
10340042	---		7.71731E-06	2.93671	Week 6 up vs Week 3
10343925	---		1.19898E-05	2.94316	Week 6 up vs Week 3
10343390	---		6.09604E-07	2.94341	Week 6 up vs Week 3
10342951	---		1.20092E-09	2.94406	Week 6 up vs Week 3
10339114	---		3.396E-12	2.94499	Week 6 up vs Week 3
10565137	NM_172904 // Fsd2 // fibronectin type III and SPRY domain containing 2 // 7 D3 /	Fsd2	0.00023524	2.95066	Week 6 up vs Week 3
10340043	---		1.64445E-05	2.95137	Week 6 up vs Week 3
10530560	NM_153567 // Slain2 // SLAIN motif family, member 2 // 5 C3.2 // 75991 /// NM_00	Slain2	7.52E-13	2.95298	Week 6 up vs Week 3
10338523	---		4.89355E-06	2.95428	Week 6 up vs Week 3

10344429	---		2.791E-12	2.95502	Week 6 up vs Week 3
10342514	---		1.26478E-06	2.95678	Week 6 up vs Week 3
10338434	---		5.78507E-07	2.95807	Week 6 up vs Week 3
10339033	---		7.56419E-08	2.96024	Week 6 up vs Week 3
10344136	---		1.22119E-05	2.9648	Week 6 up vs Week 3
10377181	NM_001081250 // Myh13 // myosin, heavy polypeptide 13, skeletal muscle // 11 B3	Myh13	0.000230461	2.96918	Week 6 up vs Week 3
10342242	---		4.56549E-06	2.97023	Week 6 up vs Week 3
10341386	---		1.53615E-07	2.97061	Week 6 up vs Week 3
10427436	ENSMUST00000110689 // C7 // complement component 7 // 15 A1|15 3.0 cM // 109828	C7	2.03766E-07	2.97169	Week 6 up vs Week 3
10430140	NM_013593 // Mb // myoglobin // 15 D3|15 43.3 cM // 17189 /// ENSMUST00000019037	Mb	0.000704648	2.97347	Week 6 up vs Week 3
10340478	---		1.10175E-05	2.97635	Week 6 up vs Week 3
10341467	---		1.61056E-05	2.97828	Week 6 up vs Week 3
10338628	---		1.21177E-08	2.97832	Week 6 up vs Week 3
10349108	NM_009257 // Serpinb5 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb5	0.00459172	2.98123	Week 6 up vs Week 3
10344217	---		8.40225E-09	2.9885	Week 6 up vs Week 3
10425049	NM_173743 // Apol9b // apolipoprotein L 9b // 15 E1 // 71898 /// NM_001162883 //	Apol9b	2.29235E-05	2.99777	Week 6 up vs Week 3
10338921	---		6.02139E-05	2.99939	Week 6 up vs Week 3
10541307	NM_011909 // Usp18 // ubiquitin specific peptidase 18 // 6 F|6 56.0 cM // 24110	Usp18	1.51173E-07	3.00258	Week 6 up vs Week 3
10344020	---		5.086E-12	3.00338	Week 6 up vs Week 3
10504692	NM_021883 // Tmod1 // tropomodulin 1 // 4 B1|4 21.5 cM // 21916 /// ENSMUST00000	Tmod1	6.77241E-06	3.00694	Week 6 up vs Week 3
10497135	NM_029987 // Rpe65 // retinal pigment epithelium 65 // 3 H4|3 87.6 cM // 19892 /	Rpe65	0.0200167	3.00744	Week 6 up vs Week 3
10338065	---		7.08203E-07	3.00907	Week 6 up vs Week 3
10531009	NM_177024 // Tmprss11b // transmembrane protease, serine 11b // 5 E1 // 319875 /	Tmprss11b	0.000915758	3.00922	Week 6 up vs Week 3
10579049	AK129029 // Gm10033 // predicted gene 10033 // 8 B3.3|8 // 378466	Gm10033	2.2748E-11	3.01037	Week 6 up vs Week 3
10343865	---		7.11143E-08	3.0223	Week 6 up vs Week 3
10500469	NM_001039376 // Pde4dip // phosphodiesterase 4D interacting protein (myomegalin)	Pde4dip	4.49563E-06	3.02809	Week 6 up vs Week 3
10340369	---		1.01929E-10	3.03201	Week 6 up vs Week 3
10340459	---		6.75831E-07	3.0368	Week 6 up vs Week 3
10340650	---		0.00210188	3.03822	Week 6 up vs Week 3
10343073	---		8.3415E-10	3.03905	Week 6 up vs Week 3
10359689	NM_009721 // Atp1b1 // ATPase, Na+/K+ transporting, beta 1 polypeptide // 1 H2.2	Atp1b1	2.00408E-09	3.04147	Week 6 up vs Week 3
10532584	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	4.90885E-06	3.04522	Week 6 up vs Week 3
10460947	NM_011224 // Pygm // muscle glycogen phosphorylase // 19 A|19 2.0 cM // 19309 //	Pygm	4.81615E-05	3.04565	Week 6 up vs Week 3
10342535	---		7.13677E-07	3.0563	Week 6 up vs Week 3
10343190	---		7.0927E-08	3.05782	Week 6 up vs Week 3
10338064	---		3.68909E-07	3.06492	Week 6 up vs Week 3
10344159	---		4.53502E-05	3.06946	Week 6 up vs Week 3
10347948	NM_013673 // Sp100 // nuclear antigen Sp100 // 1 C5|1 50.0 cM // 20684 /// ENSMU	Sp100	1.19436E-07	3.07016	Week 6 up vs Week 3
10342824	---		1.38593E-07	3.07042	Week 6 up vs Week 3
10359999	---		1.24344E-07	3.07121	Week 6 up vs Week 3
10341521	---		8.32159E-08	3.07132	Week 6 up vs Week 3
10342428	---		1.53704E-06	3.07324	Week 6 up vs Week 3
10344147	---		4.34807E-08	3.07388	Week 6 up vs Week 3
10499948	NM_001039594 // Lce3a // late cornified envelope 3A // 3 F1|3 // 545548 /// ENSM	Lce3a	1.06458E-09	3.07795	Week 6 up vs Week 3
10455395	NM_001081180 // Spink5 // serine peptidase inhibitor, Kazal type 5 // 18 B3|18 2	Spink5	2.72641E-06	3.0823	Week 6 up vs Week 3
10341429	---		3.36633E-06	3.08656	Week 6 up vs Week 3
10342361	---		2.15859E-05	3.09165	Week 6 up vs Week 3
10341961	---		4.76255E-07	3.09242	Week 6 up vs Week 3
10343527	---		2.57131E-06	3.09509	Week 6 up vs Week 3
10338759	---		1.56889E-06	3.10069	Week 6 up vs Week 3
10341978	---		2.351E-12	3.10177	Week 6 up vs Week 3
10552964	NM_010240 // Ftl1 // ferritin light chain 1 // 7 B4 // 14325 /// NM_008049 // Ft	Ftl1	1.1119E-11	3.11333	Week 6 up vs Week 3
10338829	---		5.98855E-09	3.11488	Week 6 up vs Week 3
10553477	NM_177694 // Ano5 // anoctamin 5 // 7 B5 // 233246 /// ENSMUST00000043944 // Ano	Ano5	3.21662E-05	3.11797	Week 6 up vs Week 3
10598089	---		2.47468E-07	3.12313	Week 6 up vs Week 3
10343233	---		1.00002E-09	3.13137	Week 6 up vs Week 3
10340918	---		2.70894E-07	3.13411	Week 6 up vs Week 3
10428370	NM_175456 // Abra // actin-binding Rho activating protein // 15 B3.1 // 223513 /	Abra	1.83489E-07	3.14606	Week 6 up vs Week 3
10339416	---		8.0695E-08	3.16755	Week 6 up vs Week 3
10598064	---		6.10997E-06	3.16864	Week 6 up vs Week 3
10341091	---		2.74447E-07	3.16897	Week 6 up vs Week 3
10530974	NM_001033233 // Tmprss11a // transmembrane protease, serine 11a // 5 E1 // 19459	Tmprss11a	0.0115726	3.17027	Week 6 up vs Week 3
10339369	---		1.88867E-09	3.17119	Week 6 up vs Week 3
10344381	---		4.53357E-05	3.1788	Week 6 up vs Week 3
10340879	---		7.53251E-06	3.19783	Week 6 up vs Week 3

10340521	---		4.82622E-10	3.20014	Week 6 up vs Week 3
10342150	---		5.92064E-08	3.20067	Week 6 up vs Week 3
10338454	---		3.37021E-06	3.2013	Week 6 up vs Week 3
10340670	---		4.76805E-05	3.2098	Week 6 up vs Week 3
10341607	---		8.49423E-07	3.21562	Week 6 up vs Week 3
10544687	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063	Cycs	4.59E-13	3.22256	Week 6 up vs Week 3
10341363	---		2.20845E-10	3.22876	Week 6 up vs Week 3
10501895	NM_021503 // Myoz2 // myozenin 2 // 3 G3 // 59006 /// ENSMUST00000029761 // Myoz	Myoz2	0.000942282	3.23414	Week 6 up vs Week 3
10494672	NM_009323 // Tbx15 // T-box 15 // 3 F2.2|3 49.0 cM // 21384 /// ENSMUST000000294	Tbx15	7.25206E-05	3.23431	Week 6 up vs Week 3
10342093	---		2.68347E-07	3.23822	Week 6 up vs Week 3
10502791	NM_133871 // Ifi44 // interferon-induced protein 44 // 3 H3 // 99899 /// ENSMUST	Ifi44	0.000590785	3.24676	Week 6 up vs Week 3
10339412	---		1.05761E-05	3.25464	Week 6 up vs Week 3
10343908	---		7.07518E-10	3.25588	Week 6 up vs Week 3
10343159	---		2.23442E-05	3.26018	Week 6 up vs Week 3
10564726	NM_020599 // Rlbp1 // retinaldehyde binding protein 1 // 7 D3|7 39.0 cM // 19771	Rlbp1	0.000556537	3.26794	Week 6 up vs Week 3
10338182	---		2.19706E-08	3.26807	Week 6 up vs Week 3
10403229	NM_177290 // Itgb8 // integrin beta 8 // 12 F2 // 320910 /// ENSMUST00000026360	Itgb8	0.000120283	3.26897	Week 6 up vs Week 3
10343384	---		5.80357E-08	3.27312	Week 6 up vs Week 3
10343755	---		3.38271E-06	3.27546	Week 6 up vs Week 3
10549917	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_1989	Vmn2r43	4.23133E-08	3.27805	Week 6 up vs Week 3
10341406	---		1.59683E-06	3.28129	Week 6 up vs Week 3
10338149	---		1.9115E-06	3.2867	Week 6 up vs Week 3
10343118	---		3.81461E-08	3.29404	Week 6 up vs Week 3
10340719	---		4.76573E-05	3.30639	Week 6 up vs Week 3
10339413	---		1.64306E-07	3.3149	Week 6 up vs Week 3
10338199	---		2.17948E-06	3.31599	Week 6 up vs Week 3
10586166	---		1.8E-13	3.31621	Week 6 up vs Week 3
10399825	NM_007861 // Dld // dihydrolipoamide dehydrogenase // 12 A3|12 15.1 cM // 13382	Dld	3.8539E-11	3.3248	Week 6 up vs Week 3
10605034	NM_183094 // Xlr4c // X-linked lymphocyte-regulated 4C // X A7.3 // 72891 /// NM	Xlr4c	0.000197602	3.33797	Week 6 up vs Week 3
10338445	---		6.21714E-06	3.33977	Week 6 up vs Week 3
10598083	---		3.0066E-07	3.34452	Week 6 up vs Week 3
10341168	---		2.0043E-11	3.35682	Week 6 up vs Week 3
10341953	---		6.02029E-05	3.35768	Week 6 up vs Week 3
10362462	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00331528	3.35802	Week 6 up vs Week 3
10338391	---		8.19E-13	3.35882	Week 6 up vs Week 3
10408861	NM_175417 // 9530008L14Rik // RIKEN cDNA 9530008L14 gene // 13 A4 // 109254 ///	9530008L14Rik	0.000497997	3.36465	Week 6 up vs Week 3
10428619	NM_015744 // Enpp2 // ectonucleotide pyrophosphatase/phosphodiesterase 2 // 15 D	Enpp2	4.77766E-05	3.37045	Week 6 up vs Week 3
10341702	---		3.75136E-07	3.37103	Week 6 up vs Week 3
10464836	NM_013456 // Actn3 // actinin alpha 3 // 19 A|19 3.0 cM // 11474 /// ENSMUST0000	Actn3	0.00129358	3.37146	Week 6 up vs Week 3
10339703	---		7.75071E-07	3.37293	Week 6 up vs Week 3
10340887	---		2.47996E-08	3.38243	Week 6 up vs Week 3
10598041	---		1.44145E-05	3.38283	Week 6 up vs Week 3
10343628	---		0.00137254	3.38312	Week 6 up vs Week 3
10551836	NM_009944 // Cox7a1 // cytochrome c oxidase, subunit VIIa 1 // 7 B1|7 8.0 cM //	Cox7a1	8.9978E-06	3.38342	Week 6 up vs Week 3
10405753	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	1.86819E-09	3.38394	Week 6 up vs Week 3
10379636	NM_011410 // Slfn4 // schlafen 4 // 11 C // 20558 /// ENSMUST00000000208 // Slfn	Slfn4	4.76877E-07	3.38809	Week 6 up vs Week 3
10430723	AJ006341 // Slc25a17 // solute carrier family 25 (mitochondrial carrier, peroxis	Slc25a17	2.6695E-11	3.38908	Week 6 up vs Week 3
10582884	---		1.37756E-07	3.39349	Week 6 up vs Week 3
10508614	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	4.51854E-05	3.40144	Week 6 up vs Week 3
10344143	---		3.80644E-07	3.40964	Week 6 up vs Week 3
10342335	---		1.12462E-07	3.41146	Week 6 up vs Week 3
10385466	NM_011891 // Sgcd // sarcoglycan, delta (dystrophin-associated glycoprotein) //	Sgcd	3.81019E-07	3.41664	Week 6 up vs Week 3
10339743	---		1.01797E-05	3.41805	Week 6 up vs Week 3
10340733	---		5.77787E-10	3.41937	Week 6 up vs Week 3
10341863	---		1.93369E-09	3.43344	Week 6 up vs Week 3
10442584	NM_025425 // Rpl3l // ribosomal protein L3-like // 17 A3.3 // 66211 /// ENSMUST0	Rpl3l	0.000020314	3.43927	Week 6 up vs Week 3
10340344	---		6.9147E-08	3.46131	Week 6 up vs Week 3
10341314	---		0.000190528	3.49492	Week 6 up vs Week 3
10338770	---		1.08978E-07	3.49679	Week 6 up vs Week 3
10340399	---		1.53813E-08	3.49687	Week 6 up vs Week 3
10571984	NM_001081215 // Ddx60 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 // 8 B3.1 //	Ddx60	7.39226E-05	3.50282	Week 6 up vs Week 3
10343195	---		2.3429E-11	3.50955	Week 6 up vs Week 3
10342476	---		0.00460546	3.51095	Week 6 up vs Week 3
10340222	---		4.42906E-08	3.51527	Week 6 up vs Week 3
10343308	---		3.43832E-10	3.5186	Week 6 up vs Week 3

10386756	---		6.15481E-08	3.52097	Week 6 up vs Week 3
10355105	AF362573 // AF362573 // cDNA sequence AF362573 // --- // 100126881	AF362573	5.5709E-11	3.53904	Week 6 up vs Week 3
10362418	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.000597252	3.54956	Week 6 up vs Week 3
10502830	NM_199465 // Nexn // nexilin // 3 H3 // 68810 /// ENSMUST00000046045 // Nexn //	Nexn	7.68374E-06	3.55216	Week 6 up vs Week 3
10339824	---		1.1862E-11	3.5626	Week 6 up vs Week 3
10342495	---		7.074E-12	3.59069	Week 6 up vs Week 3
10344223	---		1.12089E-10	3.59899	Week 6 up vs Week 3
10339625	---		1.14242E-09	3.60434	Week 6 up vs Week 3
10339182	---		2.12505E-06	3.60585	Week 6 up vs Week 3
10561561	NM_009109 // Ryr1 // ryanodine receptor 1, skeletal muscle // 7 A2-B3|7 10.0 cM	Ryr1	5.14271E-05	3.6059	Week 6 up vs Week 3
10338490	---		2.14216E-08	3.61062	Week 6 up vs Week 3
10340150	---		6.57575E-08	3.62991	Week 6 up vs Week 3
10341211	---		4.42721E-06	3.63698	Week 6 up vs Week 3
10340021	---		3.75431E-10	3.63717	Week 6 up vs Week 3
10569008	NM_007751 // Cox8b // cytochrome c oxidase, subunit VIIIb // 7 F5|7 68.8 cM // 1	Cox8b	1.78072E-05	3.63805	Week 6 up vs Week 3
10399202	ENSMUST00000048880 // Macc1 // metastasis associated in colon cancer 1 // 12 F2	Macc1	5.3809E-07	3.63839	Week 6 up vs Week 3
10341886	---		3.42273E-08	3.65939	Week 6 up vs Week 3
10565152	ENSMUST00000098326 // 9330120H11Rik // RIKEN cDNA 9330120H11 gene // 7 D3 // 31	9330120H11Rik	3.54172E-05	3.66969	Week 6 up vs Week 3
10343718	---		2.16737E-06	3.67401	Week 6 up vs Week 3
10468593	NM_008733 // Nrap // nebulin-related anchoring protein // 19 D2|19 53.25 cM // 1	Nrap	1.57671E-05	3.68094	Week 6 up vs Week 3
10343373	---		1.08784E-06	3.68202	Week 6 up vs Week 3
10341278	---		2.05275E-06	3.68581	Week 6 up vs Week 3
10338861	---		9.9E-14	3.68936	Week 6 up vs Week 3
10339978	---		0.000524918	3.69391	Week 6 up vs Week 3
10338236	---		3.7975E-11	3.71845	Week 6 up vs Week 3
10342812	---		2.76137E-08	3.72415	Week 6 up vs Week 3
10341659	---		1.7329E-11	3.72533	Week 6 up vs Week 3
10343229	---		1.47093E-06	3.7364	Week 6 up vs Week 3
10608442	BC099537 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// BC	LOC380994	1.64735E-07	3.74313	Week 6 up vs Week 3
10340899	---		7.34268E-07	3.74541	Week 6 up vs Week 3
10343185	---		1.70409E-08	3.7531	Week 6 up vs Week 3
10356262	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_013673 //	Gm7609	1.27778E-09	3.7826	Week 6 up vs Week 3
10340683	---		1.31274E-07	3.79369	Week 6 up vs Week 3
10338809	---		1.31473E-05	3.8049	Week 6 up vs Week 3
10377938	NM_007933 // Eno3 // enolase 3, beta muscle // 11 B4|11 42.0 cM // 13808 /// NM_	Eno3	1.68721E-05	3.82155	Week 6 up vs Week 3
10598077	---		6.34787E-07	3.82225	Week 6 up vs Week 3
10340007	---		3.16293E-08	3.83044	Week 6 up vs Week 3
10372230	NM_008657 // Myf6 // myogenic factor 6 // 10 D1|10 59.0 cM // 17878 /// ENSMUST0	Myf6	0.000236419	3.83926	Week 6 up vs Week 3
10341511	---		4.94119E-07	3.84333	Week 6 up vs Week 3
10340305	---		5.5439E-10	3.85267	Week 6 up vs Week 3
10474102	---		5.93673E-06	3.85379	Week 6 up vs Week 3
10342609	---		0.000945324	3.87513	Week 6 up vs Week 3
10540401	NM_008516 // Lrrn1 // leucine rich repeat protein 1, neuronal // 6 E1 // 16979 /	Lrrn1	6.62818E-06	3.93269	Week 6 up vs Week 3
10582592	NM_009606 // Acta1 // actin, alpha 1, skeletal muscle // 8 E2|8 67.0 cM // 11459	Acta1	4.88236E-06	3.93314	Week 6 up vs Week 3
10338769	---		1.5E-14	3.93937	Week 6 up vs Week 3
10361834	NM_138628 // Txlnb // taxilin beta // 10 A2 // 378431 /// ENSMUST00000037964 //	Txlnb	8.89146E-06	3.95892	Week 6 up vs Week 3
10604656	NM_011725 // Xlr // X-linked lymphocyte-regulated complex // X A5 // 22441 /// E	Xlr	1.41589E-09	3.97678	Week 6 up vs Week 3
10341402	---		3.73439E-09	3.99779	Week 6 up vs Week 3
10550698	NM_007710 // Ckm // creatine kinase, muscle // 7 A3|7 4.5 cM // 12715 /// ENSMUS	Ckm	0.000147433	4.04901	Week 6 up vs Week 3
10532586	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	1.37499E-05	4.05289	Week 6 up vs Week 3
10362450	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.53329E-07	4.05929	Week 6 up vs Week 3
10474467	NM_172979 // Muc15 // mucin 15 // 2 E3 // 269328 /// ENSMUST00000111017 // Muc15	Muc15	3.02607E-05	4.06011	Week 6 up vs Week 3
10430297	NM_013645 // Pvalb // parvalbumin // 15 E|15 45.7 cM // 19293 /// ENSMUST0000012	Pvalb	0.000596043	4.07761	Week 6 up vs Week 3
10469255	NM_008859 // Prkcq // protein kinase C, theta // 2 A1|2 2.0 cM // 18761 /// ENSM	Prkcq	5.87232E-09	4.08254	Week 6 up vs Week 3
10342987	---		1.08045E-06	4.09518	Week 6 up vs Week 3
10338252	---		3.18726E-07	4.12153	Week 6 up vs Week 3
10582918	---		3.72681E-08	4.12175	Week 6 up vs Week 3
10339556	---		1.16656E-10	4.14315	Week 6 up vs Week 3
10340337	---		5.66887E-10	4.158	Week 6 up vs Week 3
10451665	NM_009694 // Apobec2 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec2	6.00457E-06	4.16149	Week 6 up vs Week 3
10339946	---		6.9049E-09	4.16876	Week 6 up vs Week 3
10341600	---		2.12736E-08	4.18407	Week 6 up vs Week 3
10582985	NM_009807 // Casp1 // caspase 1 // 9 A1|9 1.0 cM // 12362 /// BC008152 // Casp1	Casp1	1.3993E-11	4.18663	Week 6 up vs Week 3
10587255	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	5.06886E-07	4.19589	Week 6 up vs Week 3
10343052	---		4.8373E-11	4.21742	Week 6 up vs Week 3

10371660	---		0.000214693	4.21911	Week 6 up vs Week 3
10339563	---		2.03646E-07	4.22197	Week 6 up vs Week 3
10343749	---		1.14949E-08	4.22526	Week 6 up vs Week 3
10519855	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	9.7284E-08	4.25616	Week 6 up vs Week 3
10417933	NM_021508 // Myoz1 // myozenin 1 // 14 A3 // 59011 /// ENSMUST00000090469 // Myo	Myoz1	4.62421E-05	4.27095	Week 6 up vs Week 3
10341416	---		3.08398E-07	4.27462	Week 6 up vs Week 3
10437376	NM_175347 // Srl // sarcalumenin // 16 A1 // 106393 /// ENSMUST00000023161 // Sr	Srl	8.44046E-05	4.31058	Week 6 up vs Week 3
10338428	---		9.87879E-08	4.3585	Week 6 up vs Week 3
10541354	NM_175628 // A2m // alpha-2-macroglobulin // 6 F1|6 61.7 cM // 232345 /// ENSMUS	A2m	1.58922E-09	4.41134	Week 6 up vs Week 3
10343324	---		4.0278E-11	4.41958	Week 6 up vs Week 3
10519815	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	1.05174E-07	4.421	Week 6 up vs Week 3
10556734	NM_054094 // Acsm1 // acyl-CoA synthetase medium-chain family member 1 // 7 F3 /	Acsm1	0.00025514	4.42431	Week 6 up vs Week 3
10338933	---		1.68183E-08	4.42795	Week 6 up vs Week 3
10338581	---		5.59937E-08	4.447	Week 6 up vs Week 3
10343352	---		1.36737E-09	4.46264	Week 6 up vs Week 3
10347915	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	1.50045E-09	4.47012	Week 6 up vs Week 3
10356274	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	1.98659E-10	4.47036	Week 6 up vs Week 3
10485982	NM_009608 // Actc1 // actin, alpha, cardiac muscle 1 // 2 E4|2 64.0 cM // 11464	Actc1	0.000174873	4.50509	Week 6 up vs Week 3
10559200	NM_009405 // Tnni2 // troponin I, skeletal, fast 2 // 7 F5|7 70.0 cM // 21953 //	Tnni2	3.30296E-06	4.50626	Week 6 up vs Week 3
10343956	---		1.58094E-08	4.54266	Week 6 up vs Week 3
10338067	---		5.62885E-09	4.56276	Week 6 up vs Week 3
10419160	---		2.7E-13	4.57157	Week 6 up vs Week 3
10343620	---		1.49282E-09	4.58882	Week 6 up vs Week 3
10343586	---		3.54417E-09	4.63826	Week 6 up vs Week 3
10462623	NM_008331 // Ifit1 // interferon-induced protein with tetratricopeptide repeats	Ifit1	2.89808E-07	4.66524	Week 6 up vs Week 3
10342726	---		7.23114E-07	4.68307	Week 6 up vs Week 3
10341297	---		2.8E-14	4.70881	Week 6 up vs Week 3
10341999	---		4.6858E-08	4.71322	Week 6 up vs Week 3
10340418	---		2.13882E-09	4.74275	Week 6 up vs Week 3
10339478	---		3.6699E-10	4.75479	Week 6 up vs Week 3
10344024	---		2.2907E-11	4.76085	Week 6 up vs Week 3
10587262	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	8.23479E-06	4.78396	Week 6 up vs Week 3
10338359	---		1.89847E-09	4.80718	Week 6 up vs Week 3
10339056	---		2.99697E-08	4.85111	Week 6 up vs Week 3
10343681	---		1.52929E-09	4.86015	Week 6 up vs Week 3
10608280	---		1.85098E-05	4.90558	Week 6 up vs Week 3
10608325	---		1.85098E-05	4.90558	Week 6 up vs Week 3
10608499	---		1.85098E-05	4.90558	Week 6 up vs Week 3
10342239	---		1.33667E-05	4.90575	Week 6 up vs Week 3
10343853	---		2.73623E-10	4.92789	Week 6 up vs Week 3
10343174	---		1.09279E-07	4.94426	Week 6 up vs Week 3
10340350	---		1.22538E-07	4.96155	Week 6 up vs Week 3
10347925	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	7.36692E-10	4.9625	Week 6 up vs Week 3
10342080	---		3.1864E-11	4.9738	Week 6 up vs Week 3
10340209	---		1.19606E-10	5.04305	Week 6 up vs Week 3
10344270	---		4.4491E-11	5.07182	Week 6 up vs Week 3
10598073	---		9.80702E-10	5.12974	Week 6 up vs Week 3
10582879	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	5.8089E-11	5.14305	Week 6 up vs Week 3
10377148	NM_177369 // Myh8 // myosin, heavy polypeptide 8, skeletal muscle, perinatal //	Myh8	2.89592E-06	5.15169	Week 6 up vs Week 3
10344397	---		2.05664E-10	5.16417	Week 6 up vs Week 3
10608226			1.42277E-06	5.165	Week 6 up vs Week 3
10411107	ENSMUST00000062122 // Cmya5 // cardiomyopathy associated 5 // 13 C3 // 76469 ///	Cmya5	4.46798E-07	5.22146	Week 6 up vs Week 3
10339345	---		1.47208E-09	5.24736	Week 6 up vs Week 3
10362432	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.2368E-11	5.28428	Week 6 up vs Week 3
10338192	---		6.7021E-08	5.29031	Week 6 up vs Week 3
10557575	NM_016754 // Mylpf // myosin light chain, phosphorylatable, fast skeletal muscle	Mylpf	4.6817E-06	5.29745	Week 6 up vs Week 3
10339336	---		2.526E-12	5.35123	Week 6 up vs Week 3
10339171	---		1.18027E-06	5.39156	Week 6 up vs Week 3
10608352	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	2.94585E-07	5.59867	Week 6 up vs Week 3
10341840	---		5.5344E-10	5.61402	Week 6 up vs Week 3
10384015	NM_018870 // Pgam2 // phosphoglycerate mutase 2 // 11 A1 // 56012 /// ENSMUST000	Pgam2	5.90161E-07	5.63054	Week 6 up vs Week 3
10341097	---		9.02224E-10	5.63419	Week 6 up vs Week 3
10410984	NM_198415 // Ckmt2 // creatine kinase, mitochondrial 2 // 13 C3 // 76722 /// ENS	Ckmt2	8.31979E-06	5.70311	Week 6 up vs Week 3
10567366	NM_025989 // Gp2 // glycoprotein 2 (zymogen granule membrane) // 7 F1-F2|7 55.0	Gp2	3.0301E-11	5.71108	Week 6 up vs Week 3
10339880	---		1.40036E-07	5.71801	Week 6 up vs Week 3

10608539	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	1.62837E-06	5.72352	Week 6 up vs Week 3
10559221	NM_011620 // Tnnt3 // troponin T3, skeletal, fast // 7 F5|7 69.0 cM // 21957 ///	Tnnt3	5.67493E-08	5.75948	Week 6 up vs Week 3
10407742	NM_033268 // Actn2 // actinin alpha 2 // 13 A1|13 7.0 cM // 11472 /// ENSMUST000	Actn2	9.64776E-07	5.82846	Week 6 up vs Week 3
10490794	NM_008862 // Pkia // protein kinase inhibitor, alpha // 3 A1 // 18767 /// ENSMUS	Pkia	1.19353E-09	5.9401	Week 6 up vs Week 3
10487588	NM_010554 // Il1a // interleukin 1 alpha // 2 F|2 73.0 cM // 16175 /// ENSMUST00	Il1a	4.60451E-07	5.98032	Week 6 up vs Week 3
10362446	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.24292E-07	6.06657	Week 6 up vs Week 3
10341041	---		7.61419E-10	6.12232	Week 6 up vs Week 3
10528207	NM_001159557 // Cd36 // CD36 antigen // 5 A3|5 2.0 cM // 12491 /// NM_001159558	Cd36	3.21724E-06	6.17491	Week 6 up vs Week 3
10339389	---		1.01E-13	6.55132	Week 6 up vs Week 3
10608438	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	1.75567E-06	6.62205	Week 6 up vs Week 3
10472426	NM_001024618 // Xirp2 // xin actin-binding repeat containing 2 // 2 C1.3 // 2414	Xirp2	1.18714E-07	6.62949	Week 6 up vs Week 3
10608557	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	3.05497E-07	6.64596	Week 6 up vs Week 3
10608464	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	3.96393E-07	6.66091	Week 6 up vs Week 3
10608513	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	6.59357E-06	6.66375	Week 6 up vs Week 3
10362424	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	9.01266E-06	7.01285	Week 6 up vs Week 3
10608251	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// BC	LOC380994	2.62002E-07	7.11673	Week 6 up vs Week 3
10608603			0.000103829	7.14187	Week 6 up vs Week 3
10608330	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	4.3898E-07	7.15221	Week 6 up vs Week 3
10608410	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	8.46906E-07	7.39662	Week 6 up vs Week 3
10608212	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	3.79904E-07	7.39667	Week 6 up vs Week 3
10490913	NM_007606 // Car3 // carbonic anhydrase 3 // 3 A2|3 11.7 cM // 12350 /// ENSMUST	Car3	1.81915E-08	7.64186	Week 6 up vs Week 3
10608492	BC099537 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	1.17457E-06	7.67307	Week 6 up vs Week 3
10543233	NM_080464 // Ppp1r3a // protein phosphatase 1, regulatory (inhibitor) subunit 3A	Ppp1r3a	3.64926E-07	7.69586	Week 6 up vs Week 3
10608517	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000010489	7.71856	Week 6 up vs Week 3
10362404	NM_029726 // Trdn // triadin // 10 A4 // 76757 /// ENSMUST00000050626 // Trdn //	Trdn	5.17085E-07	7.73511	Week 6 up vs Week 3
10608429	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	1.60507E-07	7.78356	Week 6 up vs Week 3
10341417	---		8.70383E-10	7.82482	Week 6 up vs Week 3
10455461	NM_001033621 // Myot // myotilin // 18 B3 // 58916 /// ENSMUST00000025349 // Myo	Myot	2.17158E-07	7.88824	Week 6 up vs Week 3
10362440	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	5.71883E-06	7.89509	Week 6 up vs Week 3
10362442	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.69031E-06	8.1157	Week 6 up vs Week 3
10608407	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	8.24637E-05	8.12998	Week 6 up vs Week 3
10608523	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	7.77979E-07	8.15348	Week 6 up vs Week 3
10608263	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	8.29667E-08	8.7851	Week 6 up vs Week 3
10608237	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	3.36827E-07	8.80536	Week 6 up vs Week 3
10608397	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	3.36827E-07	8.80536	Week 6 up vs Week 3
10608586	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	3.36827E-07	8.80536	Week 6 up vs Week 3
10608554			3.77533E-05	8.91844	Week 6 up vs Week 3
10608260	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	5.43468E-05	9.05906	Week 6 up vs Week 3
10608385	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	3.58907E-07	9.1081	Week 6 up vs Week 3
10341571	---		1.05348E-09	9.21925	Week 6 up vs Week 3
10377087	NM_030679 // Myh1 // myosin, heavy polypeptide 1, skeletal muscle, adult // 11 B	Myh1	5.54906E-08	9.25726	Week 6 up vs Week 3
10608313	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	1.92726E-06	9.68379	Week 6 up vs Week 3
10567879	NM_007504 // Atp2a1 // ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	Atp2a1	6.47321E-09	9.81141	Week 6 up vs Week 3
10360235	NM_009813 // Casq1 // calsequestrin 1 // 1 H3|1 94.0 cM // 12372 /// ENSMUST0000	Casq1	1.35624E-07	10.1765	Week 6 up vs Week 3
10607972	NM_011419 // Kdm5d // lysine (K)-specific demethylase 5D // Y A1 // 20592 /// EN	Kdm5d	5.98955E-06	10.4609	Week 6 up vs Week 3
10608317	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	1.53861E-06	10.6393	Week 6 up vs Week 3
10608625	XR_035752 // LOC665448 // similar to spermiogenesis specific transcript on the Y	LOC665448	6.75792E-05	10.6479	Week 6 up vs Week 3
10340141	---		1.91033E-08	10.6569	Week 6 up vs Week 3
10608551			6.87896E-05	10.8679	Week 6 up vs Week 3
10608302	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	7.99832E-06	11.3923	Week 6 up vs Week 3
10355259	NM_021285 // Myl1 // myosin, light polypeptide 1 // 1 C3|1 34.1 cM // 17901 ///	Myl1	1.17039E-08	11.5281	Week 6 up vs Week 3
10408543	ENSMUST00000057428 // Mylk4 // myosin light chain kinase family, member 4 // 13	Mylk4	1.09179E-07	11.748	Week 6 up vs Week 3
10608308	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	9.77955E-05	12.3018	Week 6 up vs Week 3
10472562	NM_001081087 // Kbtbd10 // kelch repeat and BTB (POZ) domain containing 10 // 2	Kbtbd10	2.18151E-09	12.3966	Week 6 up vs Week 3
10608615	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	2.15763E-07	12.7237	Week 6 up vs Week 3
10344204	---		0	13.0098	Week 6 up vs Week 3
10362428	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.95318E-08	13.5819	Week 6 up vs Week 3
10608394	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	5.99841E-05	13.6145	Week 6 up vs Week 3
10608596	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.000022212	13.6719	Week 6 up vs Week 3
10608424	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	1.39606E-05	13.7578	Week 6 up vs Week 3
10377055	NM_001039545 // Myh2 // myosin, heavy polypeptide 2, skeletal muscle, adult // 1	Myh2	1.11754E-08	13.8833	Week 6 up vs Week 3
10608630	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	1.81463E-05	14.1351	Week 6 up vs Week 3
10608209	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	3.54811E-05	14.1441	Week 6 up vs Week 3
10371627	NM_175418 // Mybpc1 // myosin binding protein C, slow-type // 10 C1 // 109272 //	Mybpc1	9.9006E-09	14.1736	Week 6 up vs Week 3
10608273	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	9.51079E-06	15.5648	Week 6 up vs Week 3

10608420	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	9.53414E-06	15.7095	Week 6 up vs Week 3
10608460	ENSMUST00000115908 // LOC665698 // similar to spermiogenesis specific transcript	LOC665698	6.6441E-07	15.8726	Week 6 up vs Week 3
10362420	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.39421E-10	16.2233	Week 6 up vs Week 3
10489545	NM_009394 // Tnnc2 // troponin C2, fast // 2 H3 // 21925 /// ENSMUST00000103095	Tnnc2	1.09182E-10	16.3797	Week 6 up vs Week 3
10608488	ENSMUST00000108733 // LOC665128 // similar to spermiogenesis specific transcript	LOC665128	2.28767E-06	16.6427	Week 6 up vs Week 3
10377117	NM_010855 // Myh4 // myosin, heavy polypeptide 4, skeletal muscle // 11 B3|11 35	Myh4	2.58117E-07	16.7492	Week 6 up vs Week 3
10482528	NM_010889 // Neb // nebulin // 2 C1.1|2 30.0 cM // 17996 /// ENSMUST00000075301	Neb	3.61108E-10	17.24	Week 6 up vs Week 3
10608521	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	1.90402E-06	17.3492	Week 6 up vs Week 3
10608342	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	3.43783E-06	18.1477	Week 6 up vs Week 3
10608567	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	7.72804E-06	18.3502	Week 6 up vs Week 3
10608293	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	3.27494E-05	18.3962	Week 6 up vs Week 3
10602756	NM_025357 // Smpx // small muscle protein, X-linked // X F4 // 66106 /// ENSMUST	Smpx	7.36621E-08	18.7455	Week 6 up vs Week 3
10608382	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	8.49282E-06	19.5534	Week 6 up vs Week 3
10608440			1.26064E-05	19.7747	Week 6 up vs Week 3
10608474	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	7.11394E-06	20.0207	Week 6 up vs Week 3
10608480	XR_030669 // LOC100039147 // similar to spermiogenesis specific transcript on th	LOC100039147	1.13421E-05	20.1763	Week 6 up vs Week 3
10608371	ENSMUST00000115943 // LOC665406 // similar to spermiogenesis specific transcript	LOC665406	2.32826E-06	21.0509	Week 6 up vs Week 3
10340474	---		3.34531E-05	21.0533	Week 6 up vs Week 3
10608361	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	2.59344E-06	21.206	Week 6 up vs Week 3
10608482	ENSMUST00000115889 // LOC665746 // similar to spermiogenesis specific transcript	LOC665746	2.63551E-06	21.3366	Week 6 up vs Week 3
10608531	---		1.09714E-06	21.5581	Week 6 up vs Week 3
10608583	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	4.02271E-06	21.7373	Week 6 up vs Week 3
10608506	L04851 // LOC100039614 // hypothetical protein LOC100039614 // --- // 100039614	LOC100039614	1.51782E-05	21.9011	Week 6 up vs Week 3
10362434	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.4631E-10	21.9594	Week 6 up vs Week 3
10608426	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	3.48002E-06	22.3718	Week 6 up vs Week 3
10608628	ENSMUST00000106010 // LOC100041704 // similar to spermiogenesis specific transcr	LOC100041704	1.48295E-06	23.1288	Week 6 up vs Week 3
10608350	ENSMUST00000111407 // LOC100039552 // similar to spermiogenesis specific transcr	LOC100039552	1.9818E-06	23.6759	Week 6 up vs Week 3
10608247	ENSMUST00000105540 // LOC100042196 // similar to spermiogenesis specific transcr	LOC100042196	2.48362E-06	23.8997	Week 6 up vs Week 3
10362422	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	9.37433E-10	24.4614	Week 6 up vs Week 3
10608282	L04848 // LOC434960 // similar to spermiogenesis specific transcript on the Y 2	LOC434960	9.9367E-06	25.2813	Week 6 up vs Week 3
10608613	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	2.12121E-06	26.1704	Week 6 up vs Week 3
10483871	NM_011652 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// NM_028004 // Ttn // titi	Ttn	5.749E-12	26.5023	Week 6 up vs Week 3
10608346	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	7.28611E-06	27.1789	Week 6 up vs Week 3
10608277	ENSMUST00000100255 // LOC100041207 // similar to MGC107098 protein // --- // 100	LOC100041207	1.03332E-05	28.375	Week 6 up vs Week 3
10608501	ENSMUST00000100255 // LOC100041207 // similar to MGC107098 protein // --- // 100	LOC100041207	1.03332E-05	28.375	Week 6 up vs Week 3
10608549	L04850 // LOC100042428 // spermiogenesis specific transcript on the Y 2-like //	LOC100042428	5.69051E-06	28.4145	Week 6 up vs Week 3
10608368	BC089466 // LOC100041256 // hypothetical protein LOC100041256 // --- // 10004125	LOC100041256	1.19853E-05	28.8416	Week 6 up vs Week 3
10608327	BC089467 // LOC100040031 // hypothetical protein LOC100040031 // --- // 10004003	LOC100040031	1.24438E-05	29.2644	Week 6 up vs Week 3
10608365	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	7.06537E-06	29.4981	Week 6 up vs Week 3
10377018	NM_001099635 // Myh3 // myosin, heavy polypeptide 3, skeletal muscle, embryonic	Myh3	4.12443E-06	30.1629	Week 6 up vs Week 3
10608222	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	8.76756E-07	32.7733	Week 6 up vs Week 3
10608321	---		8.76756E-07	32.7733	Week 6 up vs Week 3
10608448	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	8.76756E-07	32.7733	Week 6 up vs Week 3
10608377	BC049586 // LOC382133 // similar to RIKEN cDNA 1700029H17 // Y C2 // 382133 ///	LOC382133	1.03501E-05	33.2479	Week 6 up vs Week 3
10484190	ENSMUST00000099981 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// ENSMUST00000070	Ttn	3.59231E-09	34.1047	Week 6 up vs Week 3
10608573	---		8.71099E-07	34.2748	Week 6 up vs Week 3
10608576	---		8.71099E-07	34.2748	Week 6 up vs Week 3
10608477	BC089498 // LOC434960 // similar to spermiogenesis specific transcript on the Y	LOC434960	6.11464E-06	34.5827	Week 6 up vs Week 3
10608452	BC089466 // LOC100041256 // hypothetical protein LOC100041256 // --- // 10004125	LOC100041256	6.80447E-06	34.5851	Week 6 up vs Week 3
10608608	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	5.02626E-06	35.5082	Week 6 up vs Week 3
10608373	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	5.25145E-06	35.9735	Week 6 up vs Week 3
10608606			1.02371E-05	36.1052	Week 6 up vs Week 3
10608484	BC089465 // MGC107098 // similar to spermiogenesis specific transcript on the Y	MGC107098	6.33518E-06	36.431	Week 6 up vs Week 3
10608339	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	6.2152E-06	37.4002	Week 6 up vs Week 3
10608457	BC117086 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 700	Ssty2	5.76219E-06	39.5123	Week 6 up vs Week 3
10436128	XM_001002743 // Myh15 // myosin, heavy chain 15 // 16 B5 // 667772	Myh15	1.00101E-05	40.0283	Week 6 up vs Week 3
10362436	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	4.14397E-10	40.1227	Week 6 up vs Week 3
10608295	M38248 // LOC100039753 // similar to putative // Y B // 100039753 /// BC089466 /	LOC100039753	4.58784E-06	40.6638	Week 6 up vs Week 3
10608454	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	5.09649E-06	40.8135	Week 6 up vs Week 3
10608348	L04852 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70009	Ssty2	2.7125E-06	41.2801	Week 6 up vs Week 3
10608107	NM_009484 // Uty // ubiquitously transcribed tetratricopeptide repeat gene, Y ch	Uty	2.72531E-07	63.4233	Week 6 up vs Week 3
10608138	NM_012008 // Ddx3y // DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked // Y A1	Ddx3y	3.8877E-07	94.4794	Week 6 up vs Week 3
10608001	NM_012011 // Eif2s3y // eukaryotic translation initiation factor 2, subunit 3, s	Eif2s3y	1.76375E-07	155.964	Week 6 up vs Week 3

Week 8 vs 1 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 8 vs. Week 1)	Fold-Change(Week 8 vs. Week 1)	Fold-Change(Week 8 vs. Week 1) (Description)
10355191	NM_007776 // Crygd // crystallin, gamma D // 1 C2|1 32.0 cM // 12967 /// ENSMUST	Crygd	1.42015E-05	-34.3997	Week 8 down vs Week 1
10388707	NM_009965 // Cryba1 // crystallin, beta A1 // 11 B-C1|11 44.71 cM // 12957 /// E	Cryba1	4.08351E-05	-20.0625	Week 8 down vs Week 1
10355202	NM_007774 // Cryga // crystallin, gamma A // 1 C2|1 32.0 cM // 12964 /// ENSMUST	Cryga	5.61741E-06	-17.2637	Week 8 down vs Week 1
10350530	NM_001159730 // Pdc // phosducin // 1 G1|1 80.0 cM // 20028 /// NM_024458 // Pdc	Pdc	5.06716E-07	-15.2711	Week 8 down vs Week 1
10484276	NM_010894 // Neurod1 // neurogenic differentiation 1 // 2 C3|2 46.0 cM // 18012	Neurod1	1.02842E-07	-13.7751	Week 8 down vs Week 1
10352928	NM_011283 // Rp1 // retinitis pigmentosa 1 (human) // 1 A1|1 6.5 cM // 19888 ///	Rp1	6.39162E-07	-12.6715	Week 8 down vs Week 1
10355188	NM_007777 // Cryge // crystallin, gamma E // 1 C2|1 32.0 cM // 12968 /// NM_0270	Cryge	4.06256E-05	-11.4186	Week 8 down vs Week 1
10443830	NM_013501 // Cryaa // crystallin, alpha A // 17 A3-B|17 17.4 cM // 12954 /// ENS	Cryaa	0.000304569	-11.2467	Week 8 down vs Week 1
10355193	NM_001082573 // Crygc // crystallin, gamma C // 1 C2|1 32.0 cM // 12966 /// NM_0	Crygc	3.27543E-05	-10.4292	Week 8 down vs Week 1
10355199	NM_144761 // Crygb // crystallin, gamma B // 1 C2|1 32.0 cM // 12965 /// NM_1447	Crygb	0.00008586	-9.20954	Week 8 down vs Week 1
10458046	NM_053078 // D0H4S114 // DNA segment, human D4S114 // 18 B1 // 27528 /// NM_0011	D0H4S114	1.084E-12	-8.89766	Week 8 down vs Week 1
10373680	NM_007501 // Neurod4 // neurogenic differentiation 4 // 10 D3|10 72.0 cM // 1192	Neurod4	8.50969E-07	-8.89752	Week 8 down vs Week 1
10436282	NM_174876 // Impg2 // interphotoreceptor matrix proteoglycan 2 // 16 C1.1 // 224	Impg2	3.92757E-07	-8.81998	Week 8 down vs Week 1
10560168	NM_007770 // Crx // cone-rod homeobox containing gene // 7 A2|7 8.5 cM // 12951	Crx	3.71303E-07	-8.22899	Week 8 down vs Week 1
10438668	NM_009967 // Crygs // crystallin, gamma S // 16 B1|16 16.1 cM // 12970 /// ENSMU	Crygs	0.00109222	-8.13447	Week 8 down vs Week 1
10372383	BC051527 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 320150	Zdhhc17	1.586E-11	-7.60509	Week 8 down vs Week 1
10476512	NM_011428 // Snap25 // synaptosomal-associated protein 25 // 2 F3|2 78.2 cM // 2	Snap25	1.74116E-06	-7.5242	Week 8 down vs Week 1
10414663	NM_023879 // Rpgrip1 // retinitis pigmentosa GTPase regulator interacting protei	Rpgrip1	1.53082E-07	-7.47353	Week 8 down vs Week 1
10372324	NM_009306 // Syt1 // synaptotagmin I // 10 D1|10 58.0 cM // 20979 /// ENSMUST000	Syt1	3.47013E-06	-7.27157	Week 8 down vs Week 1
10524338	NM_023695 // Crybb1 // crystallin, beta B1 // 5 F|5 59.0 cM // 12960 /// ENSMUST	Crybb1	9.18986E-05	-7.20025	Week 8 down vs Week 1
10523979	NM_008806 // Pde6b // phosphodiesterase 6B, cGMP, rod receptor, beta polypeptide	Pde6b	2.85062E-05	-7.0819	Week 8 down vs Week 1
10565422	NM_011661 // Tyr // tyrosinase // 7 D3-E1|7 44.0 cM // 22173 /// ENSMUST00000004	Tyr	6.98741E-07	-7.00618	Week 8 down vs Week 1
10540991	AK164314 // Rho // rhodopsin // 6 E3 // 212541	Rho	3.18742E-06	-6.90145	Week 8 down vs Week 1
10569341	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	1.30974E-09	-6.83115	Week 8 down vs Week 1
10530503	NM_007723 // Cnga1 // cyclic nucleotide gated channel alpha 1 // 5 C3.2|5 41.0 c	Cnga1	1.35632E-05	-6.82748	Week 8 down vs Week 1
10348301	NM_009118 // Sag // retinal S-antigen // 1 D|1 53.6 cM // 20215 /// ENSMUST00000	Sag	0.000020867	-6.82572	Week 8 down vs Week 1
10569335	NR_001592 // H19 // H19 fetal liver mRNA // 7 F5|7 69.03 cM // 14955	H19	1.51777E-08	-6.81177	Week 8 down vs Week 1
10537062	NM_008590 // Mest // mesoderm specific transcript // 6 B1|6 7.5 cM // 17294 ///	Mest	2.51231E-09	-6.72306	Week 8 down vs Week 1
10608001	NM_012011 // Eif2s3y // eukaryotic translation initiation factor 2, subunit 3, s	Eif2s3y	0.0132021	-6.60364	Week 8 down vs Week 1
10396840	NM_030017 // Rdh12 // retinol dehydrogenase 12 // 12 D2 // 77974 /// ENSMUST0000	Rdh12	8.56061E-06	-6.58527	Week 8 down vs Week 1
10466587	NM_001043354 // Rorb // RAR-related orphan receptor beta // 19 B // 225998 /// N	Rorb	1.2768E-07	-6.5581	Week 8 down vs Week 1
10536209	NM_010314 // Gngt1 // guanine nucleotide binding protein (G protein), gamma tran	Gngt1	2.04602E-06	-6.48763	Week 8 down vs Week 1
10594188	NM_013708 // Nr2e3 // nuclear receptor subfamily 2, group E, member 3 // 9 B|9 3	Nr2e3	2.28697E-06	-6.36536	Week 8 down vs Week 1
10497135	NM_029987 // Rpe65 // retinal pigment epithelium 65 // 3 H4|3 87.6 cM // 19892 /	Rpe65	0.00034639	-6.26008	Week 8 down vs Week 1
10601846	NR_003642 // 2900062L11Rik // signal peptidase complex subunit 3 homolog pseudog	2900062L11Rik	2.4036E-11	-6.24895	Week 8 down vs Week 1
10490923	NM_009801 // Car2 // carbonic anhydrase 2 // 3 A1|3 10.5 cM // 12349 /// ENSMUST	Car2	1.12582E-06	-6.21676	Week 8 down vs Week 1
10571815	NM_153581 // Gpm6a // glycoprotein m6a // 8 B3.2 // 234267 /// ENSMUST0000003391	Gpm6a	1.66379E-08	-6.03568	Week 8 down vs Week 1
10594963	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	2.97794E-05	-6.03473	Week 8 down vs Week 1
10414034	NM_015745 // Rbp3 // retinol binding protein 3, interstitial // 14 B|14 13.0 cM	Rbp3	6.81832E-05	-5.96284	Week 8 down vs Week 1
10419356	NM_144841 // Otx2 // orthodenticle homolog 2 (Drosophila) // 14 C1|14 19.0 cM //	Otx2	1.32827E-08	-5.74399	Week 8 down vs Week 1
10602966	NM_011302 // Rs1 // retinoschisis (X-linked, juvenile) 1 (human) // X F4|X 70.0	Rs1	1.14012E-05	-5.69847	Week 8 down vs Week 1
10484261	NM_001048176 // Cerkl // ceramide kinase-like // 2 C3 // 228094 /// NM_010576 //	Cerkl	4.07961E-07	-5.6944	Week 8 down vs Week 1
10408812	NM_001145803 // Mak // male germ cell-associated kinase // 13 A3.3|13 23.0 cM //	Mak	2.96645E-06	-5.61081	Week 8 down vs Week 1
10445633	NM_008938 // Prph2 // peripherin 2 // 17 C|17 18.84 cM // 19133 /// ENSMUST00000	Prph2	4.19029E-05	-5.51196	Week 8 down vs Week 1
10498309	NM_019410 // Pfn2 // profilin 2 // 3 D|3 29.3 cM // 18645 /// ENSMUST00000066882	Pfn2	4.3407E-11	-5.43951	Week 8 down vs Week 1
10595392	NM_148941 // Elovl4 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl4	9.66732E-07	-5.43688	Week 8 down vs Week 1
10400948	NM_029444 // Six6os1 // Six6 opposite strand transcript 1 // 12 C3 // 75801 ///	Six6os1	8.54961E-10	-5.43613	Week 8 down vs Week 1
10413981	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	4.84306E-06	-5.43147	Week 8 down vs Week 1
10366163	NM_175328 // Slc6a15 // solute carrier family 6 (neurotransmitter transporter),	Slc6a15	3.04515E-07	-5.38461	Week 8 down vs Week 1
10491252	NM_029489 // Samd7 // sterile alpha motif domain containing 7 // 3 A3 // 75953 /	Samd7	4.19693E-07	-5.32926	Week 8 down vs Week 1
10603266	NM_001031664 // Nudt10 // nudix (nucleoside diphosphate linked moiety X)-type mo	Nudt10	1.21652E-10	-5.32766	Week 8 down vs Week 1
10367379	NM_021882 // Si // silver // 10 D3|10 70.0 cM // 20431 /// ENSMUST00000054125 //	Si	1.53256E-05	-5.30955	Week 8 down vs Week 1
10440091	NM_007739 // Col8a1 // collagen, type VIII, alpha 1 // 16 C1.1 // 12837 /// ENSM	Col8a1	1.14102E-08	-5.30119	Week 8 down vs Week 1
10608107	NM_009484 // Uty // ubiquitously transcribed tetratricopeptide repeat gene, Y ch	Uty	0.0104575	-5.21521	Week 8 down vs Week 1
10595033	NM_009130 // Scg3 // secretogranin III // 9 D|9 42.0 cM // 20255 /// ENSMUST0000	Scg3	9.50162E-06	-5.19767	Week 8 down vs Week 1
10498885	NM_013540 // Gria2 // glutamate receptor, ionotropic, AMPA2 (alpha 2) // 3 E3|3	Gria2	7.35584E-06	-5.17552	Week 8 down vs Week 1
10413977	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	6.69721E-06	-5.15257	Week 8 down vs Week 1
10578709	NM_028220 // Wdr17 // WD repeat domain 17 // 8 B3.1 // 244484 /// ENSMUST0000009	Wdr17	1.60276E-05	-5.12035	Week 8 down vs Week 1
10385283	NM_008073 // Gabrg2 // gamma-aminobutyric acid (GABA) A receptor, subunit gamma	Gabrg2	1.10703E-05	-5.10717	Week 8 down vs Week 1
10569344	NM_001122737 // Igf2 // insulin-like growth factor 2 // 7 F5|7 69.09 cM // 16002	Igf2	7.11279E-09	-5.06046	Week 8 down vs Week 1
10407337	NM_010408 // Hcn1 // hyperpolarization-activated, cyclic nucleotide-gated K+ 1 /	Hcn1	6.60631E-06	-5.05224	Week 8 down vs Week 1
10564726	NM_020599 // Rlbp1 // retinaldehyde binding protein 1 // 7 D3|7 39.0 cM // 19771	Rlbp1	1.34516E-05	-5.03041	Week 8 down vs Week 1
10550146	NM_013877 // Cabp5 // calcium binding protein 5 // 7 A2 // 29865 /// BC018253 //	Cabp5	1.14416E-05	-4.99953	Week 8 down vs Week 1

10590663	NM_019691 // Gria4 // glutamate receptor, ionotropic, AMPA4 (alpha 4) // 9 A1|9	Gria4	3.55218E-07	-4.91904	Week 8 down vs Week 1
10603059	NM_020626 // Tmem27 // transmembrane protein 27 // X F5 // 57394 /// ENSMUST0000	Tmem27	3.43984E-06	-4.90242	Week 8 down vs Week 1
10607143	NM_007603 // Capn6 // calpain 6 // X F2 // 12338 /// ENSMUST00000087316 // Capn6	Capn6	3.80535E-09	-4.88403	Week 8 down vs Week 1
10540984	NM_145383 // Rho // rhodopsin // 6 E3 // 212541 /// ENSMUST00000032471 // Rho //	Rho	0.00155807	-4.83264	Week 8 down vs Week 1
10495035	NM_009196 // Slc16a1 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a1	1.31746E-08	-4.79169	Week 8 down vs Week 1
10437205	NM_008791 // Pcp4 // Purkinje cell protein 4 // 16 C4|16 69.9 cM // 18546 /// EN	Pcp4	1.95922E-08	-4.78841	Week 8 down vs Week 1
10412335	NM_021459 // Isl1 // ISL1 transcription factor, LIM/homeodomain // 13 D2.3 // 16	Isl1	3.62157E-06	-4.77619	Week 8 down vs Week 1
10393793	NM_012065 // Pde6g // phosphodiesterase 6G, cGMP-specific, rod, gamma // 11 E2|1	Pde6g	1.92861E-05	-4.75735	Week 8 down vs Week 1
10417628	NM_012061 // Cadps // Ca2+-dependent secretion activator // 14 A2 // 27062 /// N	Cadps	9.37308E-06	-4.71668	Week 8 down vs Week 1
10377235	NM_009038 // Rcvrn // recoverin // 11 B3|11 35.0 cM // 19674 /// ENSMUST00000021	Rcvrn	0.000108521	-4.71514	Week 8 down vs Week 1
10454192	NM_013697 // Ttr // transthyretin // 18 A2|18 7.0 cM // 22139 /// ENSMUST0000007	Ttr	0.000414494	-4.67883	Week 8 down vs Week 1
10564646	NM_001109753 // Sv2b // synaptic vesicle glycoprotein 2 b // 7 D1 // 64176 /// N	Sv2b	3.61739E-07	-4.66131	Week 8 down vs Week 1
10413979	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	6.66068E-06	-4.65416	Week 8 down vs Week 1
10547858	NM_013530 // Gnb3 // guanine nucleotide binding protein (G protein), beta 3 // 6	Gnb3	5.99176E-07	-4.61683	Week 8 down vs Week 1
10372385	NM_172554 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 32015	Zdhhc17	3.6429E-10	-4.55007	Week 8 down vs Week 1
10500283	NM_011797 // Car14 // carbonic anhydrase 14 // 3 F2.1 // 23831 /// NM_146104 //	Car14	1.52657E-08	-4.53835	Week 8 down vs Week 1
10606369	NM_008409 // Itm2a // integral membrane protein 2A // X A2-A3 // 16431 /// ENSMU	Itm2a	2.07167E-06	-4.5366	Week 8 down vs Week 1
10361023	NM_008937 // Prox1 // prospero-related homeobox 1 // 1 H6|1 106.3 cM // 19130 //	Prox1	3.31567E-07	-4.52708	Week 8 down vs Week 1
10413967	ENSMUST00000096028 // Gm626 // predicted gene 626 // 14 B // 268729	Gm626	1.06074E-05	-4.52262	Week 8 down vs Week 1
10598359	NM_009305 // Syp // synaptophysin // X A-D|X 1.5 cM // 20977 /// ENSMUST00000069	Syp	2.68423E-05	-4.50559	Week 8 down vs Week 1
10397257	NM_007701 // Vsx2 // visual system homeobox 2 // 12 D1|12 38.0 cM // 12677 /// E	Vsx2	1.89869E-06	-4.50307	Week 8 down vs Week 1
10565910	NM_013746 // Plekhb1 // pleckstrin homology domain containing, family B (evectin	Plekhb1	9.40596E-06	-4.46624	Week 8 down vs Week 1
10397575	NM_172544 // Nrxn3 // neurexin III // 12D2|12 45.0 cM // 18191 /// ENSMUST000000	Nrxn3	1.66406E-06	-4.45645	Week 8 down vs Week 1
10559790	NM_011769 // Zim1 // zinc finger, imprinted 1 // 7 A1|7 6.5 cM // 22776 /// ENSM	Zim1	2.81772E-08	-4.43371	Week 8 down vs Week 1
10531348	NM_011148 // Ppef2 // protein phosphatase, EF hand calcium-binding domain 2 // 5	Ppef2	2.1478E-06	-4.41431	Week 8 down vs Week 1
10543466	NM_010338 // Gpr37 // G protein-coupled receptor 37 // 6 A3.1|6 7.2 cM // 14763	Gpr37	5.68445E-08	-4.34756	Week 8 down vs Week 1
10587194	NM_138719 // Gnb5 // guanine nucleotide binding protein (G protein), beta 5 // 9	Gnb5	3.38176E-07	-4.34498	Week 8 down vs Week 1
10492165	---		1.42899E-10	-4.33427	Week 8 down vs Week 1
10543591	NM_007538 // Opn1sw // opsin 1 (cone pigments), short-wave-sensitive (color blin	Opn1sw	1.35781E-05	-4.33146	Week 8 down vs Week 1
10344194	---		1.03464E-08	-4.31837	Week 8 down vs Week 1
10341037	---		0.00164803	-4.29833	Week 8 down vs Week 1
10480139	NM_153155 // C1ql3 // C1q-like 3 // 2 A1 // 227580 /// NM_008961 // Pter // phos	C1ql3	1.11437E-09	-4.295	Week 8 down vs Week 1
10458999	NM_010181 // Fbn2 // fibrillin 2 // 18 D-E1|18 29.0 cM // 14119 /// ENSMUST00000	Fbn2	7.33552E-09	-4.25792	Week 8 down vs Week 1
10581654	NM_007586 // Calb2 // calbindin 2 // 8 E1 // 12308 /// ENSMUST00000003754 // Cal	Calb2	4.97076E-05	-4.23115	Week 8 down vs Week 1
10400926	NM_153457 // Rtn1 // reticulon 1 // 12 C3 // 104001 /// NM_001007596 // Rtn1 //	Rtn1	4.14239E-06	-4.20717	Week 8 down vs Week 1
10488387	NM_019632 // Napb // N-ethylmaleimide sensitive fusion protein attachment protei	Napb	4.39849E-08	-4.19214	Week 8 down vs Week 1
10353632	NM_175642 // Bai3 // brain-specific angiogenesis inhibitor 3 // 1 A5 // 210933 /	Bai3	6.22397E-07	-4.16183	Week 8 down vs Week 1
10505614	NM_031202 // Tyrp1 // tyrosinase-related protein 1 // 4 C3|4 38.0 cM // 22178 //	Tyrp1	0.000177761	-4.16122	Week 8 down vs Week 1
10398388	---		3.36467E-10	-4.15745	Week 8 down vs Week 1
10414168	NM_173418 // Lrit2 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit2	6.72515E-06	-4.15701	Week 8 down vs Week 1
10465833	NM_009073 // Rom1 // rod outer segment membrane protein 1 // 19 A|19 8.0 cM // 1	Rom1	0.000181174	-4.13164	Week 8 down vs Week 1
10606868	NM_009052 // Bex1 // brain expressed gene 1 // X F1|X 57.5 cM // 19716 /// ENSMU	Bex1	4.26012E-10	-4.11956	Week 8 down vs Week 1
10379176	NM_011676 // Unc119 // unc-119 homolog (C. elegans) // 11 B5|11 44.99 cM // 2224	Unc119	2.19474E-05	-4.11817	Week 8 down vs Week 1
10553743	NM_021879 // Oca2 // oculocutaneous albinism II // 7 B5-C|7 28.0 cM // 18431 ///	Oca2	2.08229E-06	-4.11209	Week 8 down vs Week 1
10455942	BC075669 // A730017C20Rik // RIKEN cDNA A730017C20 gene // 18 D3 // 225583 /// N	A730017C20Rik	4.00527E-08	-4.09299	Week 8 down vs Week 1
10419005	NM_021340 // Rgr // retinal G protein coupled receptor // 14 B // 57811 /// ENSM	Rgr	0.000896094	-4.09181	Week 8 down vs Week 1
10431872	ENSMUST00000100262 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 //	Slc38a1	1.41734E-10	-4.06728	Week 8 down vs Week 1
10423855	NM_053271 // Rims2 // regulating synaptic membrane exocytosis 2 // 15 C|15 16.0	Rims2	1.49442E-05	-4.06712	Week 8 down vs Week 1
10423836	NM_026778 // Cthrc1 // collagen triple helix repeat containing 1 // 15 C // 6858	Cthrc1	9.3504E-11	-4.06215	Week 8 down vs Week 1
10367436	NM_001042580 // Cd63 // CD63 antigen // 10 D3|10 72.0 cM // 12512 /// NM_007653	Cd63	3.47021E-07	-4.05315	Week 8 down vs Week 1
10402020	NM_001081191 // Eml5 // echinoderm microtubule associated protein like 5 // 12 E	Eml5	3.11711E-07	-4.04095	Week 8 down vs Week 1
10419015	NM_130878 // Pcdh21 // protocadherin 21 // 14 B // 170677 /// ENSMUST00000022337	Pcdh21	2.15103E-05	-4.03698	Week 8 down vs Week 1
10566258	ENSMUST00000023934 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.	Hbb-b1	2.60745E-05	-4.0219	Week 8 down vs Week 1
10599001	NM_007429 // Agtr2 // angiotensin II receptor, type 2 // X A2|X 12.5 cM // 11609	Agtr2	6.9794E-09	-4.02104	Week 8 down vs Week 1
10518751	NM_009802 // Car6 // carbonic anhydrase 6 // 4 E2 // 12353 /// ENSMUST0000003081	Car6	3.82138E-05	-4.01549	Week 8 down vs Week 1
10403796	NM_175007 // Amph // amphiphysin // 13 A2 // 218038 /// ENSMUST00000003345 // Am	Amph	9.36828E-08	-4.00944	Week 8 down vs Week 1
10476321	NM_023043 // Prnd // prion protein dublet // 2 F2|2 75.0 cM // 26434 /// NM_0011	Prnd	2.49012E-08	-4.00697	Week 8 down vs Week 1
10477986	NM_010923 // Nnat // neuronatin // 2 H1|2 88.0 cM // 18111 /// NM_180960 // Nnat	Nnat	1.89405E-07	-3.9988	Week 8 down vs Week 1
10536363	NM_009311 // Tac1 // tachykinin 1 // 6 A1|6 5.0 cM // 21333 /// ENSMUST000000906	Tac1	7.53357E-10	-3.99866	Week 8 down vs Week 1
10440314	NM_178721 // Cadm2 // cell adhesion molecule 2 // 16 C1.3-C2 // 239857 /// NM_00	Cadm2	2.90423E-06	-3.98687	Week 8 down vs Week 1
10557498	NM_026884 // Fam57b // family with sequence similarity 57, member B // 7 F4 // 6	Fam57b	1.02661E-05	-3.95033	Week 8 down vs Week 1
10502135	NM_009102 // Rrh // retinal pigment epithelium derived rhodopsin homolog // 3 G3	Rrh	4.71682E-07	-3.94953	Week 8 down vs Week 1
10601942	NM_013724 // Nrk // Nik related kinase // X F1|X 53.0 cM // 27206 /// ENSMUST000	Nrk	9.17602E-09	-3.93534	Week 8 down vs Week 1
10340376	---		8.14184E-08	-3.92943	Week 8 down vs Week 1
10413985	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.000031597	-3.9248	Week 8 down vs Week 1

10419366	ENSMUST00000051102 // Gm534 // predicted gene 534 // 14 C1 // 218993	Gm534	3.10369E-09	-3.92128	Week 8 down vs Week 1
10571399	NM_178395 // Zdhhc2 // zinc finger, DHHC domain containing 2 // 8 A4 // 70546 //	Zdhhc2	1.87557E-08	-3.91586	Week 8 down vs Week 1
10595306	NM_022016 // Impg1 // interphotoreceptor matrix proteoglycan 1 // 9 E1|9 42.5 cM	Impg1	1.54914E-05	-3.91081	Week 8 down vs Week 1
10473312	NM_175514 // Fam171b // family with sequence similarity 171, member B // 2 D //	Fam171b	5.05019E-08	-3.90071	Week 8 down vs Week 1
10338452	---		5.17103E-06	-3.89527	Week 8 down vs Week 1
10606609	NM_019656 // Tspan6 // tetraspanin 6 // X E3 // 56496 /// ENSMUST00000087557 //	Tspan6	9.1619E-08	-3.89495	Week 8 down vs Week 1
10423098	NM_053077 // Slc45a2 // solute carrier family 45, member 2 // 15 A1|15 6.7 cM //	Slc45a2	4.9621E-06	-3.88083	Week 8 down vs Week 1
10414001	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	0.000010448	-3.88078	Week 8 down vs Week 1
10540838	NM_178703 // Slc6a1 // solute carrier family 6 (neurotransmitter transporter, GA	Slc6a1	4.77699E-05	-3.88068	Week 8 down vs Week 1
10593668	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	5.42721E-09	-3.87314	Week 8 down vs Week 1
10529977	NM_008904 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	3.6201E-11	-3.8688	Week 8 down vs Week 1
10522208	NM_011670 // Uchl1 // ubiquitin carboxy-terminal hydrolase L1 // 5 C3.1|5 36.0 c	Uchl1	8.47431E-07	-3.86815	Week 8 down vs Week 1
10375259	NM_008070 // Gabrb2 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 2	Gabrb2	9.10712E-10	-3.86658	Week 8 down vs Week 1
10603051	NM_026887 // Ap1s2 // adaptor-related protein complex 1, sigma 2 subunit // X F5	Ap1s2	1.89369E-09	-3.84648	Week 8 down vs Week 1
10483719	NM_001113246 // Chn1 // chimerin (chimaerin) 1 // 2 C3 // 108699 /// NM_175752 /	Chn1	5.47032E-09	-3.83236	Week 8 down vs Week 1
10410931	NM_001081249 // Vcan // versican // 13 C3|13 55.0 cM // 13003 /// NM_019389 // V	Vcan	1.04355E-08	-3.8287	Week 8 down vs Week 1
10458894	NM_010728 // Lox // lysyl oxidase // 18 D1|18 29.0 cM // 16948 /// ENSMUST000000	Lox	1.74288E-08	-3.82486	Week 8 down vs Week 1
10373588	NM_134006 // Rdh5 // retinol dehydrogenase 5 // 10 D3|10 72.0 cM // 19682 /// EN	Rdh5	4.41419E-05	-3.81195	Week 8 down vs Week 1
10341820	---		9.97606E-05	-3.8104	Week 8 down vs Week 1
10601888	NM_011123 // Plp1 // proteolipid protein (myelin) 1 // X F1-F2|X 56.0 cM // 1882	Plp1	0.000204809	-3.80485	Week 8 down vs Week 1
10341019	---		4.02331E-07	-3.79671	Week 8 down vs Week 1
10385297	NM_010250 // Gabra1 // gamma-aminobutyric acid (GABA) A receptor, subunit alpha	Gabra1	0.000018818	-3.79566	Week 8 down vs Week 1
10538802	BC047154 // A930038C07Rik // RIKEN cDNA A930038C07 gene // 6 C1 // 68169 /// NM_	A930038C07Rik	1.16217E-08	-3.7849	Week 8 down vs Week 1
10483081	NM_007986 // Fap // fibroblast activation protein // 2 C1.3|2 36.0 cM // 14089 /	Fap	1.2074E-06	-3.7842	Week 8 down vs Week 1
10440329	AK038707 // 9330155M09Rik // RIKEN cDNA 9330155M09 gene // 16 C2 // 320756	9330155M09Rik	1.79047E-06	-3.78348	Week 8 down vs Week 1
10398360	---		4.23E-13	-3.77084	Week 8 down vs Week 1
10566254	NM_008220 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.0 cM // 1	Hbb-b1	4.31708E-05	-3.76632	Week 8 down vs Week 1
10485979	NM_010290 // Gjd2 // gap junction protein, delta 2 // 2 F3 // 14617 /// ENSMUST0	Gjd2	9.87442E-06	-3.76319	Week 8 down vs Week 1
10564211	NM_013670 // Snrpn // small nuclear ribonucleoprotein N // 7 C|7 29.0 cM // 2064	Snrpn	1.35275E-08	-3.74786	Week 8 down vs Week 1
10341814	---		8.09602E-10	-3.73091	Week 8 down vs Week 1
10589494	NM_013884 // Cspg5 // chondroitin sulfate proteoglycan 5 // 9 F2 // 29873 /// AF	Cspg5	2.79282E-08	-3.72363	Week 8 down vs Week 1
10455080	NM_053134 // Pcdhb9 // protocadherin beta 9 // 18 B3 // 93880 /// ENSMUST0000005	Pcdhb9	8.47075E-10	-3.72207	Week 8 down vs Week 1
10420532	NM_015803 // Atp8a2 // ATPase, aminophospholipid transporter-like, class I, type	Atp8a2	1.37071E-05	-3.72052	Week 8 down vs Week 1
10451851	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	1.27696E-10	-3.72048	Week 8 down vs Week 1
10568363	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	4.30194E-09	-3.71835	Week 8 down vs Week 1
10475567	NM_175034 // Slc24a5 // solute carrier family 24, member 5 // 2 F1 // 317750 ///	Slc24a5	0.000108139	-3.71596	Week 8 down vs Week 1
10601844	NM_198161 // Bhlhb9 // basic helix-loop-helix domain containing, class B9 // X F	Bhlhb9	1.1195E-11	-3.71541	Week 8 down vs Week 1
10400607	AK163637 // Mdga2 // MAM domain containing glycosylphosphatidylinositol anchor 2	Mdga2	1.32291E-05	-3.71328	Week 8 down vs Week 1
10459475	NM_145493 // Cplx4 // complexin 4 // 18 E1 // 225644 /// ENSMUST00000025397 // C	Cplx4	0.000414934	-3.69648	Week 8 down vs Week 1
10346000	NM_028450 // Gulp1 // GULP, engulfment adaptor PTB domain containing 1 // 1 C1 /	Gulp1	2.77331E-08	-3.69621	Week 8 down vs Week 1
10606835	NM_009749 // Bex2 // brain expressed X-linked 2 // X F1|X 57.5 cM // 12069 /// E	Bex2	4.25603E-07	-3.69617	Week 8 down vs Week 1
10608716	---		2.32997E-06	-3.69484	Week 8 down vs Week 1
10340089	---		0.00318715	-3.6849	Week 8 down vs Week 1
10342364	---		0.000012545	-3.66639	Week 8 down vs Week 1
10480249	NM_013935 // Ptpla // protein tyrosine phosphatase-like (proline instead of cata	Ptpla	6.15044E-08	-3.66188	Week 8 down vs Week 1
10350341	---		5.14226E-08	-3.64708	Week 8 down vs Week 1
10380289	NM_026178 // Mmd // monocyte to macrophage differentiation-associated // 11 C //	Mmd	2.13165E-09	-3.63905	Week 8 down vs Week 1
10426397	NM_007727 // Cntn1 // contactin 1 // 15 F|15 55.1 cM // 12805 /// NM_001159647 /	Cntn1	2.57468E-06	-3.63896	Week 8 down vs Week 1
10532517	NM_021351 // Cryba4 // crystallin, beta A4 // 5 F // 12959 /// ENSMUST0000011238	Cryba4	0.00193693	-3.62598	Week 8 down vs Week 1
10431874	NM_134086 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 // 105727 //	Slc38a1	6.149E-11	-3.62116	Week 8 down vs Week 1
10352586	NM_021408 // Ush2a // Usher syndrome 2A (autosomal recessive, mild) homolog (hum	Ush2a	9.9505E-06	-3.61227	Week 8 down vs Week 1
10413995	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	3.62433E-05	-3.60359	Week 8 down vs Week 1
10502770	NM_001081298 // Lphn2 // latrophilin 2 // 3 H3 // 99633 /// ENSMUST00000106127 /	Lphn2	2.16261E-06	-3.60181	Week 8 down vs Week 1
10347036	NM_001039934 // Mtap2 // microtubule-associated protein 2 // 1 C3|1 33.7 cM // 1	Mtap2	4.91134E-07	-3.59426	Week 8 down vs Week 1
10509901	NM_008546 // Mfap2 // microfibrillar-associated protein 2 // 4 D3-E1 // 17150 //	Mfap2	4.48818E-09	-3.5918	Week 8 down vs Week 1
10365983	NM_008524 // Lum // lumican // 10 C3|10 61.0 cM // 17022 /// ENSMUST00000038160	Lum	4.56905E-06	-3.56562	Week 8 down vs Week 1
10552857	NM_182993 // Slc17a7 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a7	0.000343347	-3.56284	Week 8 down vs Week 1
10347033	NM_027010 // Crygf // crystallin, gamma F // 1 C3|1 32.0 cM // 12969 /// ENSMUST	Crygf	0.000679617	-3.54753	Week 8 down vs Week 1
10341516	---		4.72641E-05	-3.54508	Week 8 down vs Week 1
10593671	NM_172771 // Dmxl2 // Dmx-like 2 // 9 C // 235380 /// ENSMUST00000118163 // Dmxl	Dmxl2	2.41552E-06	-3.53627	Week 8 down vs Week 1
10374578	BC024460 // Fam161a // family with sequence similarity 161, member A // 11 A3.3	Fam161a	0.000020393	-3.53448	Week 8 down vs Week 1
10339283	---		7.29759E-10	-3.53407	Week 8 down vs Week 1
10338303	---		4.71866E-06	-3.53273	Week 8 down vs Week 1
10408268	NM_145399 // Scgn // secretagogin, EF-hand calcium binding protein // 13 A3.1 //	Scgn	9.21939E-05	-3.53247	Week 8 down vs Week 1
10553861	NM_001039104 // Trpm1 // transient receptor potential cation channel, subfamily	Trpm1	1.31752E-07	-3.53204	Week 8 down vs Week 1

10365559	NM_010512 // Igf1 // insulin-like growth factor 1 // 10 C1|10 48.0 cM // 16000 /	Igf1	2.3059E-07	-3.52877	Week 8 down vs Week 1
10344153	---		0.000132095	-3.52523	Week 8 down vs Week 1
10570379	NM_011881 // Grk1 // G protein-coupled receptor kinase 1 // --- // 24013 /// BC0	Grk1	0.000205202	-3.51944	Week 8 down vs Week 1
10541968	NM_153589 // Ano2 // anoctamin 2 // 6 F3 // 243634 /// ENSMUST00000041000 // Ano	Ano2	9.7869E-06	-3.51722	Week 8 down vs Week 1
10343687	---		0.00875379	-3.51658	Week 8 down vs Week 1
10501802	NM_178936 // Tmem56 // transmembrane protein 56 // 3 G3 // 99887 /// ENSMUST0000	Tmem56	6.41041E-06	-3.51086	Week 8 down vs Week 1
10492640	NM_178673 // Fstl5 // follistatin-like 5 // 3 E3 // 213262 /// ENSMUST0000003836	Fstl5	1.96983E-05	-3.4964	Week 8 down vs Week 1
10341414	---		2.7829E-06	-3.48327	Week 8 down vs Week 1
10519855	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	1.15765E-06	-3.48314	Week 8 down vs Week 1
10339013	---		8.78092E-08	-3.48101	Week 8 down vs Week 1
10358283	NM_133239 // Crb1 // crumbs homolog 1 (Drosophila) // 1 F|1 73.0 cM // 170788 //	Crb1	1.50271E-07	-3.47823	Week 8 down vs Week 1
10458685	ENSMUST00000097589 // Jakmip2 // janus kinase and microtubule interacting protei	Jakmip2	6.15513E-08	-3.47538	Week 8 down vs Week 1
10594948	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00164734	-3.46953	Week 8 down vs Week 1
10340505	---		4.19582E-05	-3.46232	Week 8 down vs Week 1
10341684	---		1.08348E-08	-3.46153	Week 8 down vs Week 1
10341314	---		0.000209602	-3.45822	Week 8 down vs Week 1
10398420	---		3.36947E-10	-3.45759	Week 8 down vs Week 1
10598309	NM_019582 // Cacna1f // calcium channel, voltage-dependent, alpha 1F subunit //	Cacna1f	0.000074731	-3.45133	Week 8 down vs Week 1
10341412	---		1.78768E-07	-3.4451	Week 8 down vs Week 1
10503866	NM_008075 // Gabrr1 // gamma-aminobutyric acid (GABA) C receptor, subunit rho 1	Gabrr1	9.67005E-05	-3.44327	Week 8 down vs Week 1
10598236	NM_021431 // Nudt11 // nudix (nucleoside diphosphate linked moiety X)-type motif	Nudt11	6.23612E-10	-3.43173	Week 8 down vs Week 1
10366554	NM_148922 // Mdm1 // transformed mouse 3T3 cell double minute 1 // 10 C1-C3|10 6	Mdm1	1.32794E-06	-3.42818	Week 8 down vs Week 1
10490302	NM_001162922 // 2810021G02Rik // RIKEN cDNA 2810021G02 gene // 2 H4 // 353208 //	2810021G02Rik	5.1874E-08	-3.42345	Week 8 down vs Week 1
10490913	NM_007606 // Car3 // carbonic anhydrase 3 // 3 A2|3 11.7 cM // 12350 /// ENSMUST	Car3	4.73147E-05	-3.42214	Week 8 down vs Week 1
10472549	NM_028284 // Bbs5 // Bardet-Biedl syndrome 5 (human) // 2 C3 // 72569 /// ENSMUS	Bbs5	4.89557E-07	-3.42101	Week 8 down vs Week 1
10436602	---		1.50197E-08	-3.41873	Week 8 down vs Week 1
10420013	NM_008736 // Nrl // neural retina leucine zipper gene // 14 C3|14 19.5 cM // 181	Nrl	2.25016E-05	-3.41606	Week 8 down vs Week 1
10363921	NM_023115 // Pcdh15 // protocadherin 15 // 10 B5.3|10 40.2 cM // 11994 /// NM_00	Pcdh15	6.24411E-06	-3.41372	Week 8 down vs Week 1
10400989	NM_172805 // Kcnh5 // potassium voltage-gated channel, subfamily H (eag-related)	Kcnh5	3.77502E-07	-3.40399	Week 8 down vs Week 1
10412773	NM_001033270 // Slc4a7 // solute carrier family 4, sodium bicarbonate cotranspor	Slc4a7	2.73899E-06	-3.39946	Week 8 down vs Week 1
10398362	AF357355 // Rian // RNA imprinted and accumulated in nucleus // 12 F1|12 54.5 cM	Rian	4.82167E-09	-3.39445	Week 8 down vs Week 1
10462912	NM_020278 // Lgi1 // leucine-rich repeat LGI family, member 1 // 19 C3 // 56839	Lgi1	5.03166E-06	-3.39081	Week 8 down vs Week 1
10342609	---		0.00240052	-3.38964	Week 8 down vs Week 1
10529091	---		2.26577E-05	-3.3859	Week 8 down vs Week 1
10391798	NM_010277 // Gfap // glial fibrillary acidic protein // 11 D|11 62.0 cM // 14580	Gfap	0.00685337	-3.38209	Week 8 down vs Week 1
10361771	NM_009538 // Plagl1 // pleiomorphic adenoma gene-like 1 // 10 A2|10 15.0 cM // 2	Plagl1	3.49774E-07	-3.37985	Week 8 down vs Week 1
10457644	NM_007664 // Cdh2 // cadherin 2 // 18 A1|18 6.0 cM // 12558 /// AB008811 // Cdh2	Cdh2	1.0981E-07	-3.37906	Week 8 down vs Week 1
10398326	NR_003633 // Meg3 // maternally expressed 3 // 12 F1|12 54.0 cM // 17263 /// NR_	Meg3	1.77551E-06	-3.36704	Week 8 down vs Week 1
10505030	NM_176966 // Fsd1l // fibronectin type III and SPRY domain containing 1-like //	Fsd1l	1.67445E-07	-3.36562	Week 8 down vs Week 1
10340886	---		1.12743E-06	-3.36471	Week 8 down vs Week 1
10398354	---		6.6428E-07	-3.36465	Week 8 down vs Week 1
10499132	NM_011839 // Mab21l2 // mab-21-like 2 (C. elegans) // 3 F1 // 23937 /// ENSMUST0	Mab21l2	2.77227E-06	-3.36447	Week 8 down vs Week 1
10455112	NM_053142 // Pcdhb17 // protocadherin beta 17 // 18 B3 // 93888 /// ENSMUST00000	Pcdhb17	9.751E-12	-3.36181	Week 8 down vs Week 1
10513957	NM_011211 // Ptprd // protein tyrosine phosphatase, receptor type, D // 4 C3|4 3	Ptprd	3.66853E-09	-3.35842	Week 8 down vs Week 1
10413991	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	7.42497E-05	-3.34758	Week 8 down vs Week 1
10575693	NM_173016 // Vat1l // vesicle amine transport protein 1 homolog-like (T. califor	Vat1l	4.40457E-07	-3.34748	Week 8 down vs Week 1
10413983	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	4.79003E-06	-3.34155	Week 8 down vs Week 1
10342653	---		1.77704E-06	-3.33815	Week 8 down vs Week 1
10594967	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00060771	-3.33268	Week 8 down vs Week 1
10601648	NM_022322 // Tnmd // tenomodulin // X E3 // 64103 /// ENSMUST00000033602 // Tnmd	Tnmd	3.80318E-05	-3.33036	Week 8 down vs Week 1
10462303	NM_183179 // Kcnv2 // potassium channel, subfamily V, member 2 // 19 C1 // 24059	Kcnv2	0.000153488	-3.32787	Week 8 down vs Week 1
10413999	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	8.43521E-05	-3.32304	Week 8 down vs Week 1
10593293	NM_001081445 // Ncam1 // neural cell adhesion molecule 1 // 9 A5.3|9 28.0 cM //	Ncam1	1.23593E-07	-3.32248	Week 8 down vs Week 1
10387505	NM_013415 // Atp1b2 // ATPase, Na+/K+ transporting, beta 2 polypeptide // 11 B3|	Atp1b2	7.54957E-05	-3.32209	Week 8 down vs Week 1
10506754	NM_146255 // Slc1a7 // solute carrier family 1 (glutamate transporter), member 7	Slc1a7	1.71234E-05	-3.31962	Week 8 down vs Week 1
10340385	---		1.58486E-05	-3.31957	Week 8 down vs Week 1
10488382	NM_010740 // Cd93 // CD93 antigen // 2 G3|2 84.0 cM // 17064 /// ENSMUST00000099	Cd93	5.13869E-06	-3.31494	Week 8 down vs Week 1
10400609	NM_207010 // Mdga2 // MAM domain containing glycosylphosphatidylinositol anchor	Mdga2	2.06441E-05	-3.31141	Week 8 down vs Week 1
10559796	NM_008817 // Peg3 // paternally expressed 3 // 7 A2-B1|7 6.5 cM // 18616 /// ENS	Peg3	1.93453E-07	-3.30125	Week 8 down vs Week 1
10342039	---		1.24103E-05	-3.30076	Week 8 down vs Week 1
10340223	---		2.84034E-09	-3.29941	Week 8 down vs Week 1
10601848	NR_003641 // 6530401D17Rik // signal peptidase complex subunit 3 homolog pseudog	6530401D17Rik	4.70699E-07	-3.29586	Week 8 down vs Week 1
10436598	ENSMUST00000068704 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 //	2810055G20Rik	2.70799E-06	-3.29557	Week 8 down vs Week 1
10602692	NM_001004154 // Rragb // Ras-related GTP binding B // X F3 // 245670 /// BC06918	Rragb	7.50028E-07	-3.29438	Week 8 down vs Week 1
10503198	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	7.86089E-06	-3.27862	Week 8 down vs Week 1

10395389	NM_025312 // Sostdc1 // sclerostin domain containing 1 // 12 B2 // 66042 /// ENS	Sostdc1	1.07818E-08	-3.27057	Week 8 down vs Week 1
10599348	NM_016886 // Gria3 // glutamate receptor, ionotropic, AMPA3 (alpha 3) // X A3.3-	Gria3	4.38922E-09	-3.26389	Week 8 down vs Week 1
10498448	NM_183191 // Plch1 // phospholipase C, eta 1 // 3 E1 // 269437 /// ENSMUST000000	Plch1	6.40805E-08	-3.26333	Week 8 down vs Week 1
10405047	NM_025711 // Aspn // asporin // 13 B1 // 66695 /// ENSMUST00000021820 // Aspn //	Aspn	0.000135666	-3.26156	Week 8 down vs Week 1
10413993	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	5.86631E-05	-3.26141	Week 8 down vs Week 1
10560919	NM_144921 // Atp1a3 // ATPase, Na+/K+ transporting, alpha 3 polypeptide // 7 A3	Atp1a3	0.000115063	-3.25557	Week 8 down vs Week 1
10591135	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	5.58914E-09	-3.25414	Week 8 down vs Week 1
10594971	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00252245	-3.25352	Week 8 down vs Week 1
10439695	NM_019754 // Tagln3 // transgelin 3 // 16 B5 // 56370 /// ENSMUST00000096057 //	Tagln3	1.54361E-05	-3.24774	Week 8 down vs Week 1
10370242	NM_021568 // Pcbp3 // poly(rC) binding protein 3 // 10 B5.1-B5.3 // 59093 /// EN	Pcbp3	2.44103E-06	-3.24344	Week 8 down vs Week 1
10380303	NM_028296 // Car10 // carbonic anhydrase 10 // 11 C // 72605 /// ENSMUST00000042	Car10	4.23176E-05	-3.24295	Week 8 down vs Week 1
10593947	NM_146223 // Cplx3 // complexin 3 // 9 B // 235415 /// ENSMUST00000045068 // Cpl	Cplx3	1.56435E-05	-3.24289	Week 8 down vs Week 1
10384398	NM_010345 // Grb10 // growth factor receptor bound protein 10 // 11 A1|11 8.0 cM	Grb10	4.63579E-07	-3.2385	Week 8 down vs Week 1
10340417	---		1.09622E-08	-3.23523	Week 8 down vs Week 1
10427496	NM_178748 // Egflam // EGF-like, fibronectin type III and laminin G domains // 1	Egflam	6.48168E-07	-3.23009	Week 8 down vs Week 1
10431915	NM_027052 // Slc38a4 // solute carrier family 38, member 4 // 15 F1 // 69354 ///	Slc38a4	5.70632E-08	-3.22944	Week 8 down vs Week 1
10342456	---		2.93298E-05	-3.22604	Week 8 down vs Week 1
10421932	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	6.60732E-09	-3.21993	Week 8 down vs Week 1
10472136	NM_173030 // Galnt13 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylg	Galnt13	1.07265E-05	-3.21584	Week 8 down vs Week 1
10427590	NM_148938 // Slc1a3 // solute carrier family 1 (glial high affinity glutamate tr	Slc1a3	2.42766E-05	-3.2104	Week 8 down vs Week 1
10606735	NM_026139 // Armcx2 // armadillo repeat containing, X-linked 2 // X E3 // 67416	Armcx2	2.33786E-10	-3.20781	Week 8 down vs Week 1
10354955	NM_145143 // Mpp4 // membrane protein, palmitoylated 4 (MAGUK p55 subfamily memb	Mpp4	1.68562E-05	-3.20659	Week 8 down vs Week 1
10338876	---		2.12138E-06	-3.2061	Week 8 down vs Week 1
10494372	NM_022030 // Sv2a // synaptic vesicle glycoprotein 2 a // 3 F2 // 64051 /// ENSM	Sv2a	1.85669E-07	-3.20599	Week 8 down vs Week 1
10344510	---		8.63011E-08	-3.2046	Week 8 down vs Week 1
10594973	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.000487487	-3.19808	Week 8 down vs Week 1
10604347	NM_053123 // Smarca1 // SWI/SNF related, matrix associated, actin dependent regu	Smarca1	1.14125E-07	-3.1916	Week 8 down vs Week 1
10382376	NM_053273 // Ttyh2 // tweety homolog 2 (Drosophila) // 11 E2 // 117160 /// ENSMU	Ttyh2	2.8315E-10	-3.18953	Week 8 down vs Week 1
10602198	NM_008778 // Pak3 // p21 protein (Cdc42/Rac)-activated kinase 3 // X F2 // 18481	Pak3	5.17969E-07	-3.18204	Week 8 down vs Week 1
10519886	NM_013657 // Sema3c // sema domain, immunoglobulin domain (Ig), short basic doma	Sema3c	2.81053E-05	-3.17935	Week 8 down vs Week 1
10541144	NM_001033382 // Cacna2d4 // calcium channel, voltage-dependent, alpha 2/delta su	Cacna2d4	3.16514E-05	-3.17609	Week 8 down vs Week 1
10505187	NM_011673 // Ugcg // UDP-glucose ceramide glucosyltransferase // 4 B3|4 32.0 cM	Ugcg	2.98872E-07	-3.17352	Week 8 down vs Week 1
10343895	---		1.85863E-08	-3.16829	Week 8 down vs Week 1
10543959	NM_008973 // Ptn // pleiotrophin // 6 B1|6 13.5 cM // 19242 /// ENSMUST000001015	Ptn	1.37024E-06	-3.16669	Week 8 down vs Week 1
10435641	NM_008047 // Fstl1 // follistatin-like 1 // 16 B3|16 27.3 cM // 14314 /// ENSMUS	Fstl1	1.61345E-05	-3.1626	Week 8 down vs Week 1
10376096	NM_001033598 // Acsl6 // acyl-CoA synthetase long-chain family member 6 // 11 B1	Acsl6	8.67641E-07	-3.15667	Week 8 down vs Week 1
10607064	NM_001007576 // Gucy2f // guanylate cyclase 2f // X F2|X 61.0 cM // 245650 /// E	Gucy2f	5.00796E-05	-3.15579	Week 8 down vs Week 1
10540401	NM_008516 // Lrrn1 // leucine rich repeat protein 1, neuronal // 6 E1 // 16979 /	Lrrn1	6.96215E-05	-3.15468	Week 8 down vs Week 1
10340493	---		5.06019E-06	-3.15321	Week 8 down vs Week 1
10425287	NM_134090 // Kdelr3 // KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein rete	Kdelr3	1.1117E-07	-3.15074	Week 8 down vs Week 1
10339790	---		5.06807E-08	-3.14833	Week 8 down vs Week 1
10398416	---		1.38703E-10	-3.14441	Week 8 down vs Week 1
10607283	NM_030700 // Maged2 // melanoma antigen, family D, 2 // X F2 // 80884 /// ENSMUS	Maged2	4.01311E-09	-3.14362	Week 8 down vs Week 1
10458663	NM_009468 // Dpysl3 // dihydropyrimidinase-like 3 // 18 B3 // 22240 /// NM_00113	Dpysl3	8.36301E-08	-3.1425	Week 8 down vs Week 1
10377148	NM_177369 // Myh8 // myosin, heavy polypeptide 8, skeletal muscle, perinatal //	Myh8	0.000304803	-3.14151	Week 8 down vs Week 1
10343373	---		7.78432E-06	-3.13955	Week 8 down vs Week 1
10339289	---		2.85547E-05	-3.13711	Week 8 down vs Week 1
10341589	---		0.000335936	-3.13591	Week 8 down vs Week 1
10531177	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	1.36314E-07	-3.13167	Week 8 down vs Week 1
10421924	NM_001081377 // Pcdh9 // protocadherin 9 // 14 E2.1 // 211712 /// ENSMUST0000006	Pcdh9	4.32592E-09	-3.12891	Week 8 down vs Week 1
10472321	NM_033552 // Slc4a10 // solute carrier family 4, sodium bicarbonate cotransporte	Slc4a10	3.27027E-06	-3.12492	Week 8 down vs Week 1
10547807	NM_013509 // Eno2 // enolase 2, gamma neuronal // 6 F2|6 60.21 cM // 13807 /// E	Eno2	2.92561E-06	-3.12241	Week 8 down vs Week 1
10596718	NM_023805 // Slc38a3 // solute carrier family 38, member 3 // 9 F1|9 63.0 cM //	Slc38a3	3.51051E-08	-3.12198	Week 8 down vs Week 1
10342871	---		0.00001215	-3.1154	Week 8 down vs Week 1
10490818	NM_025285 // Stmn2 // stathmin-like 2 // 3 A1|3 6.6 cM // 20257 /// ENSMUST00000	Stmn2	9.66441E-07	-3.11466	Week 8 down vs Week 1
10398412	---		1.6346E-07	-3.11412	Week 8 down vs Week 1
10540265	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	9.3936E-06	-3.11404	Week 8 down vs Week 1
10447056	NM_027455 // Qpct // glutaminyl-peptide cyclotransferase (glutaminyl cyclase) //	Qpct	1.806E-12	-3.10785	Week 8 down vs Week 1
10422164	NM_007904 // Ednrb // endothelin receptor type B // 14 E2.3|14 51.0 cM // 13618	Ednrb	8.45739E-05	-3.1069	Week 8 down vs Week 1
10355259	NM_021285 // Myl1 // myosin, light polypeptide 1 // 1 C3|1 34.1 cM // 17901 ///	Myl1	0.000724482	-3.10602	Week 8 down vs Week 1
10358525	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	1.95874E-05	-3.10554	Week 8 down vs Week 1
10549594	NM_021324 // Ttyh1 // tweety homolog 1 (Drosophila) // 7 A1 // 57776 /// NM_0010	Ttyh1	3.04112E-05	-3.10435	Week 8 down vs Week 1
10438909	NM_001128096 // Atp13a3 // ATPase type 13A3 // 16 B2 // 224088 /// NM_001128094	Atp13a3	7.7186E-11	-3.10294	Week 8 down vs Week 1
10601878	NM_146236 // Tceal1 // transcription elongation factor A (SII)-like 1 // X F1 //	Tceal1	1.09E-12	-3.10279	Week 8 down vs Week 1
10497276	NM_029310 // Fabp12 // fatty acid binding protein 12 // 3 A1 // 75497 /// ENSMUS	Fabp12	5.43535E-05	-3.10246	Week 8 down vs Week 1

10482795	NM_029972 // Ermn // ermin, ERM-like protein // 2 C2|2 // 77767 /// ENSMUST00000	Ermn	2.12974E-05	-3.09769	Week 8 down vs Week 1
10591978	NM_172290 // Ntm // neurotrimin // 9 A4 // 235106 /// ENSMUST00000075069 // Ntm	Ntm	9.20884E-08	-3.08735	Week 8 down vs Week 1
10601778	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	6.43984E-09	-3.08675	Week 8 down vs Week 1
10342141	---		7.80125E-07	-3.08565	Week 8 down vs Week 1
10596737	NM_008140 // Gnat1 // guanine nucleotide binding protein, alpha transducing 1 //	Gnat1	0.0230969	-3.08219	Week 8 down vs Week 1
10340350	---		2.76546E-05	-3.07701	Week 8 down vs Week 1
10415811	AK053602 // Serpine3 // serpin peptidase inhibitor, clade E (nexin, plasminogen	Serpine3	6.71591E-06	-3.07016	Week 8 down vs Week 1
10549504	NM_177192 // Dennd5b // DENN/MADD domain containing 5B // 6 G3 // 320560 /// ENS	Dennd5b	3.6201E-11	-3.06949	Week 8 down vs Week 1
10540509	NM_177328 // Grm7 // glutamate receptor, metabotropic 7 // 6 E3 // 108073 /// EN	Grm7	1.23512E-09	-3.06882	Week 8 down vs Week 1
10495712	NM_007378 // Abca4 // ATP-binding cassette, sub-family A (ABC1), member 4 // 3 G	Abca4	0.000149912	-3.06439	Week 8 down vs Week 1
10339026	---		1.95546E-05	-3.06167	Week 8 down vs Week 1
10340126	---		4.83683E-06	-3.05829	Week 8 down vs Week 1
10499431	NM_018804 // Syt11 // synaptotagmin XI // 3 F1 // 229521 /// ENSMUST00000107505	Syt11	6.10196E-06	-3.05319	Week 8 down vs Week 1
10356712	NM_008440 // Kif1a // kinesin family member 1A // 1 E1-E2 // 16560 /// NM_001110	Kif1a	1.8591E-07	-3.04807	Week 8 down vs Week 1
10588509	NM_021567 // Pcbp4 // poly(rC) binding protein 4 // 9 F1-F2 // 59092 /// ENSMUST	Pcbp4	2.38073E-07	-3.04698	Week 8 down vs Week 1
10341197	---		3.26806E-05	-3.04616	Week 8 down vs Week 1
10505568	NM_172869 // Frmd3 // FERM domain containing 3 // 4 C3 // 242506 /// ENSMUST0000	Frmd3	1.23387E-07	-3.044	Week 8 down vs Week 1
10532660	NM_021352 // Crybb3 // crystallin, beta B3 // 5 F|5 60.0 cM // 12962 /// NM_0011	Crybb3	0.00156268	-3.04168	Week 8 down vs Week 1
10498978	NM_023624 // Lrat // lecithin-retinol acyltransferase (phosphatidylcholine-retin	Lrat	9.93669E-05	-3.03835	Week 8 down vs Week 1
10547613	NM_027664 // Rimklb // ribosomal modification protein rimK-like family member B	Rimklb	3.04189E-07	-3.03488	Week 8 down vs Week 1
10475625	NM_025613 // Eid1 // EP300 interacting inhibitor of differentiation 1 // 2 F1 //	Eid1	3.93121E-09	-3.03311	Week 8 down vs Week 1
10416175	NM_010910 // Nefl // neurofilament, light polypeptide // 14 D3 // 18039 /// ENSM	Nefl	4.39353E-06	-3.03085	Week 8 down vs Week 1
10392415	NM_011268 // Rgs9 // regulator of G-protein signaling 9 // 11 E1|11 70.0 cM // 1	Rgs9	0.000013803	-3.03041	Week 8 down vs Week 1
10489343	NM_013935 // Ptpla // protein tyrosine phosphatase-like (proline instead of cata	Ptpla	3.56106E-08	-3.02919	Week 8 down vs Week 1
10341613	---		1.18554E-06	-3.0238	Week 8 down vs Week 1
10338304	---		7.16341E-06	-3.02287	Week 8 down vs Week 1
10453373	NM_145984 // Prepl // prolyl endopeptidase-like // 17 E4 // 213760 /// ENSMUST00	Prepl	1.51455E-09	-3.02166	Week 8 down vs Week 1
10582082	NM_001009950 // Slc38a8 // solute carrier family 38, member 8 // 8 E1 // 234788	Slc38a8	9.94597E-07	-3.02145	Week 8 down vs Week 1
10371660	---		0.00276094	-3.02069	Week 8 down vs Week 1
10338794	---		1.94156E-06	-3.02007	Week 8 down vs Week 1
10408838	NM_019423 // Elovl2 // elongation of very long chain fatty acids (FEN1/Elo2, SUR	Elovl2	1.06863E-05	-3.01882	Week 8 down vs Week 1
10553833	NM_010882 // Ndn // necdin // 7 C|7 28.0 cM // 17984 /// ENSMUST00000038775 // N	Ndn	7.2E-14	-3.017	Week 8 down vs Week 1
10540822	NM_172890 // Slc6a11 // solute carrier family 6 (neurotransmitter transporter, G	Slc6a11	5.43298E-05	-3.00981	Week 8 down vs Week 1
10524684	NM_008629 // Msi1 // Musashi homolog 1(Drosophila) // --- // 17690 /// ENSMUST00	Msi1	8.80337E-06	-3.00783	Week 8 down vs Week 1
10339962	---		0.000005237	-3.00657	Week 8 down vs Week 1
10388098	NM_053245 // Aipl1 // aryl hydrocarbon receptor-interacting protein-like 1 // 11	Aipl1	0.000289376	-3.00536	Week 8 down vs Week 1
10339742	---		2.0942E-08	-3.0008	Week 8 down vs Week 1
10343061	---		1.37151E-09	-2.99994	Week 8 down vs Week 1
10591123	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	1.23003E-06	-2.99573	Week 8 down vs Week 1
10341950	---		0.00186142	-2.99427	Week 8 down vs Week 1
10564235	---		9.82057E-08	-2.99279	Week 8 down vs Week 1
10377725	NM_007864 // Dlg4 // discs, large homolog 4 (Drosophila) // 11 B4 // 13385 /// N	Dlg4	7.17461E-06	-2.99122	Week 8 down vs Week 1
10410778	NM_054053 // Gpr98 // G protein-coupled receptor 98 // 13 C3|13 40.0 cM // 11078	Gpr98	7.51092E-07	-2.98857	Week 8 down vs Week 1
10341655	---		1.66857E-06	-2.98815	Week 8 down vs Week 1
10340197	---		6.30487E-05	-2.98681	Week 8 down vs Week 1
10503992	NM_177175 // Tmem215 // transmembrane protein 215 // 4 A5 // 320500 /// ENSMUST0	Tmem215	8.82586E-06	-2.98324	Week 8 down vs Week 1
10344608	---		0.000318718	-2.98304	Week 8 down vs Week 1
10546432	NM_175314 // Adamts9 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts9	6.1745E-08	-2.98304	Week 8 down vs Week 1
10414003	AK136780 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_985917 // Gm626	Gm626	2.12835E-05	-2.97792	Week 8 down vs Week 1
10494069	NM_172434 // Tnrc4 // trinucleotide repeat containing 4 // 3 F2.1 // 78784 /// E	Tnrc4	1.14821E-05	-2.9761	Week 8 down vs Week 1
10503176	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	8.68547E-09	-2.97528	Week 8 down vs Week 1
10362424	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00466145	-2.97467	Week 8 down vs Week 1
10564233	---		7.8969E-08	-2.97447	Week 8 down vs Week 1
10497505	NM_138666 // Nlgn1 // neuroligin 1 // 3 A3 // 192167 /// ENSMUST00000075054 // N	Nlgn1	2.41326E-07	-2.97279	Week 8 down vs Week 1
10341903	---		0.000033602	-2.97112	Week 8 down vs Week 1
10503196	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.29153E-06	-2.97085	Week 8 down vs Week 1
10339001	---		6.75745E-09	-2.97004	Week 8 down vs Week 1
10338643	---		9.97215E-06	-2.96974	Week 8 down vs Week 1
10389759	NM_001080933 // Ankfn1 // ankyrin-repeat and fibronectin type III domain contain	Ankfn1	6.60501E-07	-2.96892	Week 8 down vs Week 1
10549877	---		5.39129E-09	-2.96687	Week 8 down vs Week 1
10457888	NM_001004361 // 5730494M16Rik // RIKEN cDNA 5730494M16 gene // 18 A2 // 66648 //	5730494M16Rik	2.7799E-10	-2.96687	Week 8 down vs Week 1
10496251	NM_027208 // Bdh2 // 3-hydroxybutyrate dehydrogenase, type 2 // 3 H2 // 69772 //	Bdh2	1.04224E-06	-2.9638	Week 8 down vs Week 1
10362005	NM_026203 // Ahi1 // Abelson helper integration site 1 // 10 A3|10 16.0 cM // 52	Ahi1	2.8632E-07	-2.96021	Week 8 down vs Week 1
10457942	NM_009308 // Syt4 // synaptotagmin IV // 18 B1|18 10.0 cM // 20983 /// ENSMUST00	Syt4	1.45452E-06	-2.95935	Week 8 down vs Week 1
10596200	NM_178638 // Tmem108 // transmembrane protein 108 // 9 F1 // 81907 /// ENSMUST00	Tmem108	1.2737E-08	-2.95296	Week 8 down vs Week 1

10578572	NM_001114311 // Stox2 // storkhead box 2 // 8 B1.1 // 71069 /// NM_175162 // Sto	Stox2	1.79231E-09	-2.95227	Week 8 down vs Week 1
10508614	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	0.000197971	-2.95213	Week 8 down vs Week 1
10341337	---		0.000111253	-2.95147	Week 8 down vs Week 1
10344420	---		1.45072E-06	-2.95084	Week 8 down vs Week 1
10478647	NM_020333 // Slc12a5 // solute carrier family 12, member 5 // 2 G2-G3 // 57138 /	Slc12a5	0.000114111	-2.95066	Week 8 down vs Week 1
10599884	NM_001161431 // Slitrk2 // SLIT and NTRK-like family, member 2 // X A5 // 245450	Slitrk2	4.5967E-06	-2.94497	Week 8 down vs Week 1
10440206	NM_019665 // Arl6 // ADP-ribosylation factor-like 6 // 16 C1.2 // 56297 /// ENSM	Arl6	4.12027E-07	-2.94179	Week 8 down vs Week 1
10362418	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00263685	-2.93629	Week 8 down vs Week 1
10340469	---		3.02585E-05	-2.93493	Week 8 down vs Week 1
10571467	NM_026840 // Pdgfrl // platelet-derived growth factor receptor-like // 8 A4 // 6	Pdgfrl	4.36204E-06	-2.93222	Week 8 down vs Week 1
10511631	NM_145947 // Slc26a7 // solute carrier family 26, member 7 // 4 A1 // 208890 ///	Slc26a7	3.81352E-06	-2.93119	Week 8 down vs Week 1
10484237	NM_178723 // Zfp385b // zinc finger protein 385B // 2 C3 // 241494 /// NM_001113	Zfp385b	3.9703E-07	-2.92922	Week 8 down vs Week 1
10595496	NM_013669 // Snap91 // synaptosomal-associated protein 91 // --- // 20616 /// EN	Snap91	0.000010732	-2.92747	Week 8 down vs Week 1
10342277	---		0.000144045	-2.9224	Week 8 down vs Week 1
10395553	NM_176930 // Nrcam // neuron-glia-CAM-related cell adhesion molecule // 12 B3 //	Nrcam	3.26848E-08	-2.9215	Week 8 down vs Week 1
10343652	---		3.50954E-05	-2.91794	Week 8 down vs Week 1
10602677	NM_010951 // Gpr143 // G protein-coupled receptor 143 // X F2-F3|X 65.0 cM // 18	Gpr143	6.31299E-07	-2.91577	Week 8 down vs Week 1
10542983	NM_011134 // Pon1 // paraoxonase 1 // 6 A2|6 0.5 cM // 18979 /// ENSMUST00000002	Pon1	0.000110678	-2.91568	Week 8 down vs Week 1
10363161	BC079613 // 6330442E10Rik // RIKEN cDNA 6330442E10 gene // 12 C3 // 268567 /// E	6330442E10Rik	3.35164E-06	-2.91549	Week 8 down vs Week 1
10342657	---		6.16945E-07	-2.91545	Week 8 down vs Week 1
10419854	NM_016972 // Slc7a8 // solute carrier family 7 (cationic amino acid transporter,	Slc7a8	4.45046E-06	-2.91253	Week 8 down vs Week 1
10436958	NM_172469 // Clic6 // chloride intracellular channel 6 // 16 C4 // 209195 /// EN	Clic6	4.34362E-06	-2.91244	Week 8 down vs Week 1
10420631	NM_026598 // Ebpl // emopamil binding protein-like // 14 D1 // 68177 /// ENSMUST	Ebpl	3.54438E-06	-2.91238	Week 8 down vs Week 1
10339442	---		2.16941E-06	-2.91203	Week 8 down vs Week 1
10356177	NM_152915 // Dner // delta/notch-like EGF-related receptor // 1 C5 // 227325 ///	Dner	2.1984E-06	-2.91159	Week 8 down vs Week 1
10340801	---		6.37211E-05	-2.91035	Week 8 down vs Week 1
10578017	AK035883 // Gm9911 // predicted gene 9911 // --- // 100101427	Gm9911	1.33355E-05	-2.90978	Week 8 down vs Week 1
10495613	NM_029425 // 4833424O15Rik // RIKEN cDNA 4833424O15 gene // 3 G2 // 75769 /// EN	4833424O15Rik	4.31735E-06	-2.90888	Week 8 down vs Week 1
10458645	NM_028392 // Ppp2r2b // protein phosphatase 2 (formerly 2A), regulatory subunit	Ppp2r2b	3.59014E-06	-2.90832	Week 8 down vs Week 1
10593499	NM_178906 // AI593442 // expressed sequence AI593442 // 9 A5.3 // 330941 /// BC1	AI593442	1.49594E-06	-2.90758	Week 8 down vs Week 1
10375058	NM_001083955 // Hba-a2 // hemoglobin alpha, adult chain 2 // 11|11 16.0 cM // 11	Hba-a2	0.000533288	-2.90623	Week 8 down vs Week 1
10553773	NM_008071 // Gabrb3 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 3	Gabrb3	4.37853E-08	-2.90459	Week 8 down vs Week 1
10534343	NM_007925 // Eln // elastin // 5 G2|5 75.0 cM // 13717 /// ENSMUST00000015138 //	Eln	3.32609E-06	-2.90318	Week 8 down vs Week 1
10430723	AJ006341 // Slc25a17 // solute carrier family 25 (mitochondrial carrier, peroxis	Slc25a17	4.38116E-10	-2.90175	Week 8 down vs Week 1
10563441	NM_010129 // Emp3 // epithelial membrane protein 3 // 7 B4|7 24.5 cM // 13732 //	Emp3	1.9902E-08	-2.89993	Week 8 down vs Week 1
10503448	NM_019724 // Mmp16 // matrix metallopeptidase 16 // 4 A3|4 3.6 cM // 17389 /// E	Mmp16	8.608E-12	-2.89958	Week 8 down vs Week 1
10405179	NM_010101 // S1pr3 // sphingosine-1-phosphate receptor 3 // 13 B1 // 13610 /// E	S1pr3	1.52467E-06	-2.89878	Week 8 down vs Week 1
10439514	NM_008083 // Gap43 // growth associated protein 43 // 16 B4|16 29.5 cM // 14432	Gap43	1.76009E-10	-2.89851	Week 8 down vs Week 1
10339636	---		0.000164148	-2.89345	Week 8 down vs Week 1
10449435	NM_021478 // Tulp1 // tubby like protein 1 // 17 A3.3 // 22157 /// ENSMUST000000	Tulp1	9.58505E-05	-2.89292	Week 8 down vs Week 1
10388884	NM_008702 // Nlk // nemo like kinase // 11 B5 // 18099 /// BC058652 // Nlk // ne	Nlk	2.12639E-07	-2.89272	Week 8 down vs Week 1
10339900	---		0.000393999	-2.89214	Week 8 down vs Week 1
10503212	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.53051E-05	-2.88929	Week 8 down vs Week 1
10587616	NM_178738 // Prss35 // protease, serine, 35 // 9 E3.1 // 244954 /// ENSMUST00000	Prss35	9.1417E-08	-2.88865	Week 8 down vs Week 1
10455071	NM_053132 // Pcdhb7 // protocadherin beta 7 // 18 B3 // 93878 /// ENSMUST0000005	Pcdhb7	2.38489E-08	-2.88559	Week 8 down vs Week 1
10343409	---		7.26124E-05	-2.88261	Week 8 down vs Week 1
10492169	NM_010750 // Mab21l1 // mab-21-like 1 (C. elegans) // 3 E3-F1 // 17116 /// ENSMU	Mab21l1	1.90398E-05	-2.88149	Week 8 down vs Week 1
10422348	NM_001081252 // Uggt2 // UDP-glucose glycoprotein glucosyltransferase 2 // 14 E4	Uggt2	1.96362E-09	-2.87882	Week 8 down vs Week 1
10338109	---		0.000773192	-2.87554	Week 8 down vs Week 1
10538658	NM_028705 // Herc3 // hect domain and RLD 3 // 6 B3 // 73998 /// ENSMUST00000041	Herc3	7.79303E-06	-2.87142	Week 8 down vs Week 1
10569972	NM_026058 // Lass4 // LAG1 homolog, ceramide synthase 4 // 8 A1.2 // 67260 /// E	Lass4	1.85067E-06	-2.86826	Week 8 down vs Week 1
10354938	NM_001033449 // Als2cr4 // amyotrophic lateral sclerosis 2 (juvenile) chromosome	Als2cr4	2.02635E-07	-2.86223	Week 8 down vs Week 1
10518726	NM_027460 // Slc25a33 // solute carrier family 25, member 33 // 4 E1 // 70556 //	Slc25a33	4.72109E-07	-2.8606	Week 8 down vs Week 1
10435948	NM_026439 // Ccdc80 // coiled-coil domain containing 80 // 16 B5 // 67896 /// EN	Ccdc80	1.20612E-05	-2.85718	Week 8 down vs Week 1
10374842	NM_176841 // Ccdc88a // coiled coil domain containing 88A // 11 A3.3 // 108686 /	Ccdc88a	4.77904E-08	-2.85552	Week 8 down vs Week 1
10548996	NM_030687 // Slco1a4 // solute carrier organic anion transporter family, member	Slco1a4	0.00124993	-2.85523	Week 8 down vs Week 1
10339396	---		4.28245E-06	-2.85341	Week 8 down vs Week 1
10484201	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	5.75384E-07	-2.85236	Week 8 down vs Week 1
10340952	---		0.00052959	-2.85018	Week 8 down vs Week 1
10494043	NM_028307 // Tdrkh // tudor and KH domain containing protein // 3 F2 // 72634 //	Tdrkh	3.37522E-07	-2.84853	Week 8 down vs Week 1
10538269	---		3.0904E-09	-2.84713	Week 8 down vs Week 1
10375051	NM_008218 // Hba-a1 // hemoglobin alpha, adult chain 1 // 11 A4|11 16.0 cM // 15	Hba-a1	0.000654873	-2.84615	Week 8 down vs Week 1
10458906	NM_008908 // Ppic // peptidylprolyl isomerase C // 18 D1 // 19038 /// ENSMUST000	Ppic	5.82595E-07	-2.84614	Week 8 down vs Week 1
10544885	NM_153573 // Fkbp14 // FK506 binding protein 14 // 6 B3 // 231997 /// ENSMUST000	Fkbp14	8.97547E-10	-2.8455	Week 8 down vs Week 1
10440621	NM_146072 // Grik1 // glutamate receptor, ionotropic, kainate 1 // 16 C3.3|16 58	Grik1	1.91846E-06	-2.84505	Week 8 down vs Week 1

10400510	NM_025809 // Clec14a // C-type lectin domain family 14, member a // 12 C1 // 668	Clec14a	0.000122367	-2.84408	Week 8 down vs Week 1
10341479	---		0.0016458	-2.83923	Week 8 down vs Week 1
10403229	NM_177290 // Itgb8 // integrin beta 8 // 12 F2 // 320910 /// ENSMUST00000026360	Itgb8	0.000491944	-2.83628	Week 8 down vs Week 1
10436636	NM_001113208 // Ncam2 // neural cell adhesion molecule 2 // 16 56.0 cM // 17968	Ncam2	5.96556E-07	-2.83395	Week 8 down vs Week 1
10540359	NM_001109749 // Cntn4 // contactin 4 // 6 E2 // 269784 /// NM_173004 // Cntn4 //	Cntn4	5.64573E-07	-2.83351	Week 8 down vs Week 1
10411171	NM_172263 // Pde8b // phosphodiesterase 8B // 13 D1 // 218461 /// ENSMUST0000006	Pde8b	3.97716E-06	-2.8316	Week 8 down vs Week 1
10352178	NM_178653 // Sccpdh // saccharopine dehydrogenase (putative) // 1 H4 // 109232 /	Sccpdh	5.38846E-10	-2.83025	Week 8 down vs Week 1
10339048	---		3.60837E-05	-2.82747	Week 8 down vs Week 1
10397835	NM_172152 // Slc24a4 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a4	6.56101E-08	-2.82689	Week 8 down vs Week 1
10414163	NM_146245 // Lrit1 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit1	0.00010609	-2.82687	Week 8 down vs Week 1
10344272	---		9.06058E-06	-2.82672	Week 8 down vs Week 1
10341831	---		9.38611E-05	-2.82191	Week 8 down vs Week 1
10468533	NM_008149 // Gpam // glycerol-3-phosphate acyltransferase, mitochondrial // 19 D	Gpam	8.50735E-08	-2.81749	Week 8 down vs Week 1
10503180	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	9.2249E-07	-2.81644	Week 8 down vs Week 1
10599324	NM_133690 // Atp1b4 // ATPase, (Na+)/K+ transporting, beta 4 polypeptide // X A2	Atp1b4	8.29566E-06	-2.8163	Week 8 down vs Week 1
10532150	NM_026062 // Fam69a // family with sequence similarity 69, member A // 5 E5|5 //	Fam69a	1.48317E-09	-2.81476	Week 8 down vs Week 1
10340582	---		5.54182E-06	-2.81106	Week 8 down vs Week 1
10342271	---		0.00043483	-2.80808	Week 8 down vs Week 1
10341534	---		9.366E-08	-2.80662	Week 8 down vs Week 1
10339789	---		1.16326E-05	-2.80611	Week 8 down vs Week 1
10603598	NM_011285 // Rpgr // retinitis pigmentosa GTPase regulator // X A1.1 // 19893 //	Rpgr	2.7115E-07	-2.80609	Week 8 down vs Week 1
10549222	NM_001024468 // Bcat1 // branched chain aminotransferase 1, cytosolic // 6 G3|6	Bcat1	7.85473E-07	-2.80592	Week 8 down vs Week 1
10377087	NM_030679 // Myh1 // myosin, heavy polypeptide 1, skeletal muscle, adult // 11 B	Myh1	0.00163666	-2.80119	Week 8 down vs Week 1
10547888	NM_013533 // Gpr162 // G protein-coupled receptor 162 // 6 F2|6 60.18 cM // 1478	Gpr162	7.47689E-06	-2.80051	Week 8 down vs Week 1
10340565	---		1.72411E-05	-2.79759	Week 8 down vs Week 1
10366229	NM_001039354 // Lin7a // lin-7 homolog A (C. elegans) // 10 D1 // 108030 /// NM_	Lin7a	5.35529E-06	-2.79432	Week 8 down vs Week 1
10369688	NM_027384 // Tet1 // tet oncogene 1 // 10 B4|10 32.0 cM // 52463 /// AK129421 //	Tet1	2.25749E-10	-2.79422	Week 8 down vs Week 1
10600604	NM_007868 // Dmd // dystrophin, muscular dystrophy // X C|X 32.0 cM // 13405 ///	Dmd	4.89743E-06	-2.79395	Week 8 down vs Week 1
10593927	NM_020270 // Scamp5 // secretory carrier membrane protein 5 // 9 B // 56807 ///	Scamp5	1.46823E-06	-2.78989	Week 8 down vs Week 1
10408162	NM_001111107 // Zfp322a // zinc finger protein 322A // 13 A3.1 // 218100 /// NM_	Zfp322a	4.1406E-09	-2.78878	Week 8 down vs Week 1
10557201	NM_019430 // Cacng3 // calcium channel, voltage-dependent, gamma subunit 3 // --	Cacng3	2.47729E-05	-2.7798	Week 8 down vs Week 1
10601412	NM_175271 // Lpar4 // lysophosphatidic acid receptor 4 // X D // 78134 /// ENSMU	Lpar4	6.18205E-08	-2.77977	Week 8 down vs Week 1
10432404	NM_011653 // Tuba1a // tubulin, alpha 1A // 15 F1|15 60.4 cM // 22142 /// ENSMUS	Tuba1a	2.74552E-10	-2.77226	Week 8 down vs Week 1
10420988	NM_009955 // Dpysl2 // dihydropyrimidinase-like 2 // 14 D1|14 28.2 cM // 12934 /	Dpysl2	3.17503E-06	-2.77221	Week 8 down vs Week 1
10338575	---		0.000145814	-2.77062	Week 8 down vs Week 1
10362538	NM_010681 // Lama4 // laminin, alpha 4 // 10 B1|10 25.0 cM // 16775 /// ENSMUST0	Lama4	2.12958E-05	-2.76988	Week 8 down vs Week 1
10402061	BC049855 // Eml5 // echinoderm microtubule associated protein like 5 // 12 E //	Eml5	2.37088E-06	-2.76827	Week 8 down vs Week 1
10465820	NM_010316 // Gng3 // guanine nucleotide binding protein (G protein), gamma 3 //	Gng3	4.00395E-05	-2.76574	Week 8 down vs Week 1
10365987	NM_008438 // Kera // keratocan // 10 C3|10 61.0 cM // 16545 /// ENSMUST000001052	Kera	0.000113036	-2.76463	Week 8 down vs Week 1
10459471	NM_013833 // Rax // retina and anterior neural fold homeobox // 18 E1|18 38.0 cM	Rax	3.99959E-06	-2.76409	Week 8 down vs Week 1
10497842	NM_027810 // Bbs7 // Bardet-Biedl syndrome 7 (human) // 3 B // 71492 /// ENSMUST	Bbs7	6.85765E-06	-2.76386	Week 8 down vs Week 1
10502696	NM_027617 // Spata1 // spermatogenesis associated 1 // 3 H2 // 70951 /// ENSMUST	Spata1	6.35964E-06	-2.76231	Week 8 down vs Week 1
10542738	ENSMUST00000111704 // Rassf8 // Ras association (RalGDS/AF-6) domain family (N-t	Rassf8	2.68554E-08	-2.76196	Week 8 down vs Week 1
10397606	NM_011648 // Tshr // thyroid stimulating hormone receptor // 12 D3|12 37.0 cM //	Tshr	5.31886E-07	-2.75966	Week 8 down vs Week 1
10572024	NM_023689 // Spock3 // sparc/osteonectin, cwcv and kazal-like domains proteoglyc	Spock3	1.1383E-11	-2.75715	Week 8 down vs Week 1
10344232	---		4.05748E-05	-2.75499	Week 8 down vs Week 1
10402708	NM_021273 // Ckb // creatine kinase, brain // 12 F1|12 55.0 cM // 12709 /// ENSM	Ckb	1.92481E-05	-2.75424	Week 8 down vs Week 1
10346878	ENSMUST00000114132 // Zdbf2 // zinc finger, DBF-type containing 2 // 1 C2 // 738	Zdbf2	2.00046E-08	-2.75422	Week 8 down vs Week 1
10341211	---		0.000112468	-2.75343	Week 8 down vs Week 1
10360920	NM_009367 // Tgfb2 // transforming growth factor, beta 2 // 1 H5|1 101.5 cM // 2	Tgfb2	1.52549E-08	-2.75149	Week 8 down vs Week 1
10399470	NM_144551 // Trib2 // tribbles homolog 2 (Drosophila) // 12 A1.1 // 217410 /// E	Trib2	2.68098E-09	-2.74943	Week 8 down vs Week 1
10521498	NM_007765 // Crmp1 // collapsin response mediator protein 1 // 5 B3|5 21.0 cM //	Crmp1	2.65767E-05	-2.74797	Week 8 down vs Week 1
10338364	---		2.10174E-07	-2.74588	Week 8 down vs Week 1
10383353	NM_145363 // Tspan10 // tetraspanin 10 // 11 E2 // 208634 /// ENSMUST00000106212	Tspan10	2.20222E-06	-2.7451	Week 8 down vs Week 1
10398378	---		4.65536E-10	-2.74469	Week 8 down vs Week 1
10485955	NM_009162 // Scg5 // secretogranin V // 2 E5|2 64.0 cM // 20394 /// ENSMUST00000	Scg5	2.94052E-05	-2.74443	Week 8 down vs Week 1
10506820	---		4.18891E-09	-2.74276	Week 8 down vs Week 1
10339829	---		3.16616E-06	-2.73869	Week 8 down vs Week 1
10591112	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	5.91248E-06	-2.73764	Week 8 down vs Week 1
10522976	NM_027530 // Rufy3 // RUN and FYVE domain containing 3 // 5 E1|5 48.0 cM // 5282	Rufy3	7.82776E-07	-2.73621	Week 8 down vs Week 1
10501895	NM_021503 // Myoz2 // myozenin 2 // 3 G3 // 59006 /// ENSMUST00000029761 // Myoz	Myoz2	0.00358945	-2.7358	Week 8 down vs Week 1
10591967	NM_023277 // Jam3 // junction adhesion molecule 3 // 9 A4 // 83964 /// ENSMUST00	Jam3	2.58746E-08	-2.73546	Week 8 down vs Week 1
10586248	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	6.21175E-09	-2.73481	Week 8 down vs Week 1
10583847	NM_178415 // Bbs9 // Bardet-Biedl syndrome 9 (human) // 9 A3 // 319845 /// NM_18	Bbs9	1.27775E-05	-2.73374	Week 8 down vs Week 1
10343985	---		9.47602E-07	-2.73037	Week 8 down vs Week 1

10421293	NM_008915 // Ppp3cc // protein phosphatase 3, catalytic subunit, gamma isoform /	Ppp3cc	4.64763E-06	-2.72469	Week 8 down vs Week 1
10406530	NM_025335 // Tmem167 // transmembrane protein 167 // 13 C3 // 66074 /// ENSMUST0	Tmem167	8.54801E-10	-2.72355	Week 8 down vs Week 1
10341858	---		2.89518E-05	-2.7234	Week 8 down vs Week 1
10586244	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	1.06132E-07	-2.72186	Week 8 down vs Week 1
10343717	---		1.72811E-05	-2.72088	Week 8 down vs Week 1
10573979	NM_010308 // Gnao1 // guanine nucleotide binding protein, alpha O // 8 C5|8 45.0	Gnao1	4.1522E-06	-2.72062	Week 8 down vs Week 1
10413710	NM_027289 // Nt5dc2 // 5'-nucleotidase domain containing 2 // 14 B // 70021 ///	Nt5dc2	9.69649E-08	-2.71936	Week 8 down vs Week 1
10482177	NM_009261 // Strbp // spermatid perinuclear RNA binding protein // 2 B // 20744	Strbp	1.7391E-09	-2.71908	Week 8 down vs Week 1
10569429	NM_001161624 // Cdkn1c // cyclin-dependent kinase inhibitor 1C (P57) // 7 F5|7 6	Cdkn1c	7.4662E-08	-2.71521	Week 8 down vs Week 1
10521759	NM_178804 // Slit2 // slit homolog 2 (Drosophila) // 5 B3 // 20563 /// ENSMUST00	Slit2	4.28439E-07	-2.71338	Week 8 down vs Week 1
10343444	---		6.77092E-05	-2.70947	Week 8 down vs Week 1
10427075	NM_010664 // Krt18 // keratin 18 // 15 F3|15 58.86 cM // 16668 /// ENSMUST000000	Krt18	2.60338E-06	-2.70791	Week 8 down vs Week 1
10462084	---		3.31599E-07	-2.70724	Week 8 down vs Week 1
10498273	NM_008536 // Tm4sf1 // transmembrane 4 superfamily member 1 // 3 D // 17112 ///	Tm4sf1	5.66321E-05	-2.70648	Week 8 down vs Week 1
10428376	NM_009640 // Angpt1 // angiopoietin 1 // 15 B3.1|15 14.3 cM // 11600 /// ENSMUST	Angpt1	0.000182199	-2.70644	Week 8 down vs Week 1
10461115	NM_031194 // Slc22a8 // solute carrier family 22 (organic anion transporter), me	Slc22a8	1.76087E-07	-2.70556	Week 8 down vs Week 1
10469389	NM_001012305 // Slc39a12 // solute carrier family 39 (zinc transporter), member	Slc39a12	5.50476E-07	-2.70439	Week 8 down vs Week 1
10522749	NM_198702 // Lphn3 // latrophilin 3 // 5 D-E1 // 319387 /// ENSMUST00000072521 /	Lphn3	4.00172E-10	-2.70361	Week 8 down vs Week 1
10452295	NM_009451 // Tubb4 // tubulin, beta 4 // 17 D|17 34.5 cM // 22153 /// ENSMUST000	Tubb4	1.03995E-06	-2.70194	Week 8 down vs Week 1
10472350	NM_145523 // Gca // grancalcin // 2 C1.3 // 227960 /// ENSMUST00000028257 // Gca	Gca	1.81276E-08	-2.70075	Week 8 down vs Week 1
10494821	NM_027533 // Tspan2 // tetraspanin 2 // 3 F3 // 70747 /// ENSMUST00000029451 //	Tspan2	7.86023E-07	-2.70007	Week 8 down vs Week 1
10409061	---		6.57868E-10	-2.69874	Week 8 down vs Week 1
10344349	---		0.000368413	-2.69724	Week 8 down vs Week 1
10340692	---		2.96002E-06	-2.69596	Week 8 down vs Week 1
10532103	NM_133248 // Glmn // glomulin, FKBP associated protein // 5 E5 // 170823 /// NM_	Glmn	7.3005E-07	-2.69576	Week 8 down vs Week 1
10587829	NM_001142916 // Plod2 // procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 // 9	Plod2	3.39506E-08	-2.69473	Week 8 down vs Week 1
10339167	---		0.00312248	-2.69183	Week 8 down vs Week 1
10513592	NM_023597 // Wdr31 // WD repeat domain 31 // 4 C1 // 71354 /// ENSMUST0000012009	Wdr31	3.68278E-06	-2.69126	Week 8 down vs Week 1
10341404	---		5.3726E-06	-2.69124	Week 8 down vs Week 1
10398392	---		1.07733E-09	-2.6847	Week 8 down vs Week 1
10455108	NM_053141 // Pcdhb16 // protocadherin beta 16 // 18 B3 // 93887 /// ENSMUST00000	Pcdhb16	2.73803E-09	-2.68465	Week 8 down vs Week 1
10341170	---		1.1933E-08	-2.68414	Week 8 down vs Week 1
10395103	NM_181395 // Pxdn // peroxidasin homolog (Drosophila) // 12 A2 // 69675 /// ENSM	Pxdn	2.09741E-06	-2.68313	Week 8 down vs Week 1
10428515	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	2.50596E-05	-2.68151	Week 8 down vs Week 1
10343012	---		1.84219E-05	-2.68151	Week 8 down vs Week 1
10343645	---		4.41008E-06	-2.6801	Week 8 down vs Week 1
10397364	NM_145447 // Mfsd7c // major facilitator superfamily domain containing 7C // 12	Mfsd7c	5.93776E-06	-2.67952	Week 8 down vs Week 1
10578986	NM_030263 // Psd3 // pleckstrin and Sec7 domain containing 3 // 8 B3.3 // 234353	Psd3	9.684E-12	-2.67608	Week 8 down vs Week 1
10343120	---		0.000198201	-2.67595	Week 8 down vs Week 1
10483865	NM_010222 // Fkbp7 // FK506 binding protein 7 // 2 C3|2 60.5 cM // 14231 /// ENS	Fkbp7	1.20265E-05	-2.67591	Week 8 down vs Week 1
10343189	---		0.00229373	-2.67505	Week 8 down vs Week 1
10586246	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	1.913E-07	-2.67448	Week 8 down vs Week 1
10603151	NM_023122 // Gpm6b // glycoprotein m6b // X F5 // 14758 /// ENSMUST00000060210 /	Gpm6b	7.96068E-06	-2.67235	Week 8 down vs Week 1
10481711	NM_001113569 // Stxbp1 // syntaxin binding protein 1 // 2 B|2 24.0 cM // 20910 /	Stxbp1	0.000056231	-2.6706	Week 8 down vs Week 1
10398432	---		8.66208E-09	-2.66903	Week 8 down vs Week 1
10388465	NM_007873 // Doc2b // double C2, beta // 11 B5 // 13447 /// ENSMUST00000021209 /	Doc2b	2.57006E-05	-2.66686	Week 8 down vs Week 1
10428517	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	7.32538E-05	-2.66627	Week 8 down vs Week 1
10541496	NM_015776 // Mfap5 // microfibrillar associated protein 5 // 6 F1 // 50530 /// E	Mfap5	0.00043311	-2.66385	Week 8 down vs Week 1
10607395	NM_023788 // Mageh1 // melanoma antigen, family H, 1 // X F2 // 75625 /// ENSMUS	Mageh1	7.582E-12	-2.66336	Week 8 down vs Week 1
10380067	NM_011129 // Sept4 // septin 4 // 11 C // 18952 /// ENSMUST00000018544 // Sept4	Sep-04	2.01192E-06	-2.66301	Week 8 down vs Week 1
10338418	---		5.04012E-06	-2.66256	Week 8 down vs Week 1
10578649	NM_011857 // Odz3 // odd Oz/ten-m homolog 3 (Drosophila) // 8 B2 // 23965 /// NM	Odz3	9.09691E-07	-2.66057	Week 8 down vs Week 1
10519815	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	5.68366E-05	-2.65806	Week 8 down vs Week 1
10439798	NM_001110017 // Dzip3 // DAZ interacting protein 3, zinc finger // 16 B5 // 2241	Dzip3	1.43186E-09	-2.65684	Week 8 down vs Week 1
10343688	---		2.13293E-07	-2.65655	Week 8 down vs Week 1
10552143	NM_017394 // Slc7a10 // solute carrier family 7 (cationic amino acid transporter	Slc7a10	3.55266E-07	-2.65565	Week 8 down vs Week 1
10605766	NM_019791 // Maged1 // melanoma antigen, family D, 1 // X C3|X 34.6 cM // 94275	Maged1	9.29068E-08	-2.65525	Week 8 down vs Week 1
10530870	NM_007937 // Epha5 // Eph receptor A5 // 5 E1|5 43.0 cM // 13839 /// ENSMUST0000	Epha5	5.95759E-08	-2.65399	Week 8 down vs Week 1
10340917	---		3.68088E-06	-2.65299	Week 8 down vs Week 1
10415890	NM_146246 // Rp1l1 // retinitis pigmentosa 1 homolog (human)-like 1 // 14 D1 //	Rp1l1	0.000309372	-2.65277	Week 8 down vs Week 1
10457929	NM_009065 // Rit2 // Ras-like without CAAX 2 // 18 B1 // 19762 /// ENSMUST000000	Rit2	1.09134E-05	-2.6526	Week 8 down vs Week 1
10446965	NM_207246 // Rasgrp3 // RAS, guanyl releasing protein 3 // 17 E2 // 240168 /// E	Rasgrp3	0.00192208	-2.65111	Week 8 down vs Week 1
10555055	NM_024220 // Ndufc2 // NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2	Ndufc2	4.63E-13	-2.65089	Week 8 down vs Week 1
10344952	NM_133832 // Rdh10 // retinol dehydrogenase 10 (all-trans) // 1 A3|1 12.0 cM //	Rdh10	0.000115591	-2.65	Week 8 down vs Week 1
10506736	NM_010760 // Magoh // mago-nashi homolog, proliferation-associated (Drosophila)	Magoh	5.51398E-09	-2.64933	Week 8 down vs Week 1

10372421	NM_146241 // Trhde // TRH-degrading enzyme // 10 D2 // 237553 /// ENSMUST0000006	Trhde	1.17653E-07	-2.64917	Week 8 down vs Week 1
10353309	AK081751 // Jph1 // junctophilin 1 // 1 A4 // 57339	Jph1	0.000316461	-2.64794	Week 8 down vs Week 1
10518835	NM_001081557 // Camta1 // calmodulin binding transcription activator 1 // 4 E2 /	Camta1	3.33536E-05	-2.64779	Week 8 down vs Week 1
10466779	NM_008846 // Pip5k1b // phosphatidylinositol-4-phosphate 5-kinase, type 1 beta /	Pip5k1b	3.38367E-05	-2.64556	Week 8 down vs Week 1
10344075	---		0.00149311	-2.64474	Week 8 down vs Week 1
10495869	NM_146140 // Tram1l1 // translocation associated membrane protein 1-like 1 // 3	Tram1l1	1.54069E-07	-2.64308	Week 8 down vs Week 1
10591127	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	8.41275E-07	-2.64019	Week 8 down vs Week 1
10343700	---		1.09058E-06	-2.63953	Week 8 down vs Week 1
10406941	NM_144838 // Sgtb // small glutamine-rich tetratricopeptide repeat (TPR)-contain	Sgtb	6.12968E-06	-2.63918	Week 8 down vs Week 1
10338786	---		2.66727E-05	-2.63601	Week 8 down vs Week 1
10498058	NM_025523 // Ndufc1 // NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1	Ndufc1	3.29601E-10	-2.63522	Week 8 down vs Week 1
10338948	---		3.01704E-05	-2.63337	Week 8 down vs Week 1
10343273	---		7.04164E-05	-2.63247	Week 8 down vs Week 1
10338263	---		2.02601E-05	-2.63222	Week 8 down vs Week 1
10461268	BC047099 // 1810009A15Rik // RIKEN cDNA 1810009A15 gene // 19 A // 66276	1810009A15Rik	0.000182892	-2.63192	Week 8 down vs Week 1
10600994	NM_133205 // Arr3 // arrestin 3, retinal // X C2 // 170735 /// ENSMUST0000011376	Arr3	0.00145091	-2.63034	Week 8 down vs Week 1
10363224	NM_021272 // Fabp7 // fatty acid binding protein 7, brain // 10 B4 // 12140 ///	Fabp7	5.59568E-06	-2.62718	Week 8 down vs Week 1
10343912	---		3.03837E-06	-2.62715	Week 8 down vs Week 1
10369835	NM_178621 // Phyhipl // phytanoyl-CoA hydroxylase interacting protein-like // 10	Phyhipl	0.000277905	-2.62646	Week 8 down vs Week 1
10340768	---		8.19498E-06	-2.62481	Week 8 down vs Week 1
10371502	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	0.000383299	-2.62239	Week 8 down vs Week 1
10593842	NM_019793 // Tspan3 // tetraspanin 3 // 9 C // 56434 /// ENSMUST00000034876 // T	Tspan3	1.15385E-06	-2.62212	Week 8 down vs Week 1
10398402	---		3.1398E-11	-2.62205	Week 8 down vs Week 1
10360479	NM_001099637 // Cep170 // centrosomal protein 170 // 1 H4 // 545389 /// BC054781	Cep170	1.92915E-07	-2.62031	Week 8 down vs Week 1
10592471	NM_172768 // Gramd1b // GRAM domain containing 1B // 9 B // 235283 /// ENSMUST00	Gramd1b	6.35115E-07	-2.62016	Week 8 down vs Week 1
10521796	---		9.06079E-08	-2.61858	Week 8 down vs Week 1
10405063	NM_008760 // Ogn // osteoglycin // 13 A5 // 18295 /// ENSMUST00000021822 // Ogn	Ogn	0.000760532	-2.6173	Week 8 down vs Week 1
10498935	NM_017469 // Gucy1b3 // guanylate cyclase 1, soluble, beta 3 // 3 E3 // 54195 //	Gucy1b3	1.31099E-05	-2.61676	Week 8 down vs Week 1
10373113	NM_008447 // Kif5a // kinesin family member 5A // 10 D3|10 70.0 cM // 16572 ///	Kif5a	0.0108947	-2.61632	Week 8 down vs Week 1
10343707	---		6.5096E-06	-2.61563	Week 8 down vs Week 1
10494643	NM_008256 // Hmgcs2 // 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 // 3 F2.	Hmgcs2	3.38067E-07	-2.61419	Week 8 down vs Week 1
10350840	NM_028333 // Angptl1 // angiopoietin-like 1 // 1 H1 // 72713 /// ENSMUST00000027	Angptl1	0.000122857	-2.61407	Week 8 down vs Week 1
10503194	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.04998E-06	-2.61356	Week 8 down vs Week 1
10538206	NM_175098 // Ccdc126 // coiled-coil domain containing 126 // 6 B2.3 // 57895 ///	Ccdc126	2.40917E-05	-2.61183	Week 8 down vs Week 1
10342516	---		9.37369E-05	-2.61178	Week 8 down vs Week 1
10463263	NM_033322 // Lztfl1 // leucine zipper transcription factor-like 1 // 9 F|9 71.1	Lztfl1	6.6437E-08	-2.61123	Week 8 down vs Week 1
10339745	---		5.96639E-05	-2.61043	Week 8 down vs Week 1
10341699	---		2.02E-13	-2.6104	Week 8 down vs Week 1
10490826	NM_177660 // Zbtb10 // zinc finger and BTB domain containing 10 // 3 A1 // 22905	Zbtb10	4.75443E-08	-2.61025	Week 8 down vs Week 1
10412066	NM_023852 // Rab3c // RAB3C, member RAS oncogene family // 13 D2.2 // 67295 ///	Rab3c	8.67651E-06	-2.60654	Week 8 down vs Week 1
10465089	NM_001024560 // Snx32 // sorting nexin 32 // 19 A // 225861 /// ENSMUST000000701	Snx32	5.96612E-09	-2.60222	Week 8 down vs Week 1
10350247	NM_001039472 // Kif21b // kinesin family member 21B // 1 E4|1 76.0 cM // 16565 /	Kif21b	2.18122E-05	-2.59895	Week 8 down vs Week 1
10339783	---		6.69931E-05	-2.59678	Week 8 down vs Week 1
10340638	---		0.000240518	-2.59652	Week 8 down vs Week 1
10492136	NM_019978 // Dclk1 // doublecortin-like kinase 1 // 3 D // 13175 /// NM_00111105	Dclk1	4.51486E-09	-2.59649	Week 8 down vs Week 1
10472368	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	1.27798E-06	-2.59625	Week 8 down vs Week 1
10368999	NM_010349 // Grik2 // glutamate receptor, ionotropic, kainate 2 (beta 2) // 10 B	Grik2	1.89255E-07	-2.59578	Week 8 down vs Week 1
10344465	---		0.000185731	-2.59515	Week 8 down vs Week 1
10398382	---		1.53762E-08	-2.59457	Week 8 down vs Week 1
10484205	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	9.49903E-08	-2.59421	Week 8 down vs Week 1
10339814	---		0.000524425	-2.59378	Week 8 down vs Week 1
10548565	NM_025564 // Magohb // mago-nashi homolog B (Drosophila) // 6 C7|6 // 66441 ///	Magohb	1.102E-12	-2.59055	Week 8 down vs Week 1
10406536	NM_025335 // Tmem167 // transmembrane protein 167 // 13 C3 // 66074	Tmem167	1.58612E-09	-2.59046	Week 8 down vs Week 1
10455118	NM_053143 // Pcdhb18 // protocadherin beta 18 // 18 B3 // 93889 /// ENSMUST00000	Pcdhb18	1.03598E-09	-2.59018	Week 8 down vs Week 1
10344286	---		0.000273051	-2.58945	Week 8 down vs Week 1
10341326	---		0.000127792	-2.58928	Week 8 down vs Week 1
10355984	NM_009255 // Serpine2 // serine (or cysteine) peptidase inhibitor, clade E, memb	Serpine2	0.000329399	-2.58922	Week 8 down vs Week 1
10398380	---		2.90725E-08	-2.58888	Week 8 down vs Week 1
10339145	---		2.8991E-07	-2.58587	Week 8 down vs Week 1
10360418	NM_011880 // Rgs7 // regulator of G protein signaling 7 // 1 H3-H4|1 99.3 cM //	Rgs7	5.25089E-06	-2.5855	Week 8 down vs Week 1
10502131	XM_914534 // Lrit3 // leucine-rich repeat, immunoglobulin-like and transmembrane	Lrit3	2.59769E-05	-2.58397	Week 8 down vs Week 1
10365408	NM_183172 // Ric8b // resistance to inhibitors of cholinesterase 8 homolog B (C.	Ric8b	1.04504E-07	-2.58306	Week 8 down vs Week 1
10340722	---		0.000132696	-2.58207	Week 8 down vs Week 1
10484197	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	6.2466E-07	-2.57806	Week 8 down vs Week 1
10342759	---		0.00671967	-2.57697	Week 8 down vs Week 1

10340725	---		6.82266E-05	-2.57612	Week 8 down vs Week 1
10341982	---		5.5463E-06	-2.57611	Week 8 down vs Week 1
10440393	NM_023380 // Samsn1 // SAM domain, SH3 domain and nuclear localization signals,	Samsn1	2.33034E-05	-2.57582	Week 8 down vs Week 1
10489759	NM_028072 // Sulf2 // sulfatase 2 // 2 H3 // 72043 /// ENSMUST00000109249 // Sul	Sulf2	6.00599E-10	-2.57323	Week 8 down vs Week 1
10460317	NM_008851 // Pitpnm1 // phosphatidylinositol transfer protein, membrane-associat	Pitpnm1	0.000107445	-2.57307	Week 8 down vs Week 1
10460123	BC098197 // 9330132A10Rik // RIKEN cDNA 9330132A10 gene // 18 E4 // 319609	9330132A10Rik	9.33839E-06	-2.57286	Week 8 down vs Week 1
10341743	---		1.61113E-06	-2.57229	Week 8 down vs Week 1
10374406	NM_029861 // Cnrip1 // cannabinoid receptor interacting protein 1 // 11 A3.1 //	Cnrip1	3.6999E-09	-2.57208	Week 8 down vs Week 1
10343945	---		0.000312485	-2.57174	Week 8 down vs Week 1
10596190	NM_001002896 // Bfsp2 // beaded filament structural protein 2, phakinin // 9 F1	Bfsp2	0.000094998	-2.57168	Week 8 down vs Week 1
10401160	BC066067 // 6330442E10Rik // RIKEN cDNA 6330442E10 gene // 12 C3 // 268567 /// B	6330442E10Rik	2.42178E-06	-2.5709	Week 8 down vs Week 1
10403584	NM_010917 // Nid1 // nidogen 1 // 13 A1|13 7.0 cM // 18073 /// ENSMUST0000000553	Nid1	2.46854E-05	-2.56939	Week 8 down vs Week 1
10347781	BC082310 // 9430031J16Rik // RIKEN cDNA 9430031J16 gene // 1 C5 // 241134 /// EN	9430031J16Rik	7.95677E-06	-2.5675	Week 8 down vs Week 1
10518167	NM_025432 // Trappc2 // trafficking protein particle complex 2 // X F5 // 66226	Trappc2	8.96273E-08	-2.56645	Week 8 down vs Week 1
10456096	NM_146086 // Pde6a // phosphodiesterase 6A, cGMP-specific, rod, alpha // 18 E1 /	Pde6a	0.00575279	-2.56635	Week 8 down vs Week 1
10563911	---		0.000262307	-2.56597	Week 8 down vs Week 1
10343586	---		0.000012241	-2.56414	Week 8 down vs Week 1
10342748	---		0.000170933	-2.56288	Week 8 down vs Week 1
10454632	NM_009793 // Camk4 // calcium/calmodulin-dependent protein kinase IV // 18 B1|18	Camk4	5.19772E-09	-2.56196	Week 8 down vs Week 1
10362495	NM_009925 // Col10a1 // collagen, type X, alpha 1 // 10 22.0 cM // 12813 /// ENS	Col10a1	1.42972E-05	-2.56191	Week 8 down vs Week 1
10454580	NM_009668 // Bin1 // bridging integrator 1 // 18 B1|18 14.0 cM // 30948 /// NM_0	Bin1	4.11862E-06	-2.56083	Week 8 down vs Week 1
10506714	NM_053073 // Lrp8 // low density lipoprotein receptor-related protein 8, apolipo	Lrp8	1.67216E-06	-2.55973	Week 8 down vs Week 1
10479726	NM_153594 // Pcmtd2 // protein-L-isoaspartate (D-aspartate) O-methyltransferase	Pcmtd2	6.48877E-08	-2.55921	Week 8 down vs Week 1
10474141	NM_001077514 // Slc1a2 // solute carrier family 1 (glial high affinity glutamate	Slc1a2	2.91365E-05	-2.55841	Week 8 down vs Week 1
10338990	---		0.000228124	-2.55754	Week 8 down vs Week 1
10606333	NM_001007580 // Fndc3c1 // fibronectin type III domain containing 3C1 // X D //	Fndc3c1	0.00143282	-2.55586	Week 8 down vs Week 1
10506360	NM_144906 // Sgip1 // SH3-domain GRB2-like (endophilin) interacting protein 1 //	Sgip1	2.23031E-05	-2.55485	Week 8 down vs Week 1
10343459	---		1.04401E-05	-2.55452	Week 8 down vs Week 1
10579894	NM_020259 // Hhip // Hedgehog-interacting protein // 8 C3|8 40.0 cM // 15245 ///	Hhip	1.91013E-08	-2.55399	Week 8 down vs Week 1
10538082	NM_133764 // Atp6v0e2 // ATPase, H+ transporting, lysosomal V0 subunit E2 // 6 B	Atp6v0e2	1.67149E-06	-2.55388	Week 8 down vs Week 1
10355662	NM_021541 // Cryba2 // crystallin, beta A2 // 1 C3|1 40.8 cM // 12958 /// ENSMUS	Cryba2	0.00503581	-2.5537	Week 8 down vs Week 1
10597973	NM_033322 // Lztfl1 // leucine zipper transcription factor-like 1 // 9 F|9 71.1	Lztfl1	1.556E-12	-2.55297	Week 8 down vs Week 1
10472400	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	9.09007E-07	-2.55036	Week 8 down vs Week 1
10341007	---		8.47163E-05	-2.54675	Week 8 down vs Week 1
10402211	NM_011812 // Fbln5 // fibulin 5 // 12 F1 // 23876 /// ENSMUST00000021603 // Fbln	Fbln5	7.88228E-06	-2.54647	Week 8 down vs Week 1
10440344	NM_175549 // Robo2 // roundabout homolog 2 (Drosophila) // 16 C3.1 // 268902 ///	Robo2	2.37912E-08	-2.54623	Week 8 down vs Week 1
10398418	---		1.76149E-09	-2.54619	Week 8 down vs Week 1
10490794	NM_008862 // Pkia // protein kinase inhibitor, alpha // 3 A1 // 18767 /// ENSMUS	Pkia	4.78413E-05	-2.5428	Week 8 down vs Week 1
10558295	ENSMUST00000106157 // Zranb1 // zinc finger, RAN-binding domain containing 1 //	Zranb1	2.88043E-08	-2.54232	Week 8 down vs Week 1
10497713	NM_021483 // Pex5l // peroxisomal biogenesis factor 5-like // 3 B // 58869 /// E	Pex5l	0.000168552	-2.53853	Week 8 down vs Week 1
10338694	---		0.000258721	-2.5375	Week 8 down vs Week 1
10447951	NM_011581 // Thbs2 // thrombospondin 2 // 17 8.1 cM // 21826 /// ENSMUST00000024	Thbs2	0.000372278	-2.53747	Week 8 down vs Week 1
10342644	---		2.39804E-05	-2.53724	Week 8 down vs Week 1
10351463	ENSMUST00000027997 // Rgs5 // regulator of G-protein signaling 5 // 1 H2|1 86.5	Rgs5	0.00235662	-2.53724	Week 8 down vs Week 1
10343565	---		0.000105118	-2.53381	Week 8 down vs Week 1
10340430	---		0.00308676	-2.53294	Week 8 down vs Week 1
10527423	NM_001081362 // Trrap // transformation/transcription domain-associated protein	Trrap	5.1E-14	-2.53286	Week 8 down vs Week 1
10472398	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	6.4461E-06	-2.53068	Week 8 down vs Week 1
10375774	NM_173372 // Grm6 // glutamate receptor, metabotropic 6 // 11 B1.3 // 108072 ///	Grm6	6.29473E-06	-2.53048	Week 8 down vs Week 1
10501778	NM_019550 // Ptbp2 // polypyrimidine tract binding protein 2 // 3 G1 // 56195 //	Ptbp2	1.20451E-08	-2.53	Week 8 down vs Week 1
10529656	NM_010942 // Nsg1 // neuron specific gene family member 1 // 5 B3|5 21.0 cM // 1	Nsg1	1.82282E-07	-2.52992	Week 8 down vs Week 1
10503202	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.82585E-06	-2.52519	Week 8 down vs Week 1
10435765	---		2.48524E-06	-2.52506	Week 8 down vs Week 1
10484389	NM_011576 // Tfpi // tissue factor pathway inhibitor // 2 D // 21788 /// ENSMUST	Tfpi	1.51808E-06	-2.52475	Week 8 down vs Week 1
10344563	---		0.00011602	-2.52368	Week 8 down vs Week 1
10596982	NM_183250 // Ccdc72 // coiled-coil domain containing 72 // 9 F2 // 66167 /// BC0	Ccdc72	5.68217E-07	-2.52189	Week 8 down vs Week 1
10411235	NM_027711 // Iqgap2 // IQ motif containing GTPase activating protein 2 // 13 D1	Iqgap2	0.000041599	-2.5213	Week 8 down vs Week 1
10340421	---		0.000343828	-2.5207	Week 8 down vs Week 1
10399046	NM_009511 // Vipr2 // vasoactive intestinal peptide receptor 2 // 12 F2|12 59.4	Vipr2	2.35627E-08	-2.52047	Week 8 down vs Week 1
10472372	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	3.3541E-06	-2.51914	Week 8 down vs Week 1
10394593	NM_029758 // Fam49a // family with sequence similarity 49, member A // 12 A1.1 /	Fam49a	1.53181E-06	-2.51633	Week 8 down vs Week 1
10595280	NM_009945 // Cox7a2 // cytochrome c oxidase, subunit VIIa 2 // 9 E1|9 42.0 cM //	Cox7a2	4.339E-12	-2.51597	Week 8 down vs Week 1
10607403	NM_175429 // Kctd12b // potassium channel tetramerisation domain containing 12b	Kctd12b	1.56925E-07	-2.51282	Week 8 down vs Week 1
10476482	NM_029530 // 6330527O06Rik // RIKEN cDNA 6330527O06 gene // 2 F3 // 76161 /// EN	6330527O06Rik	0.000107367	-2.51249	Week 8 down vs Week 1
10381122	NM_010221 // Fkbp10 // FK506 binding protein 10 // 11 D|11 58.0 cM // 14230 ///	Fkbp10	8.81737E-07	-2.5107	Week 8 down vs Week 1

10342234	---		0.000180075	-2.50687	Week 8 down vs Week 1
10593634	NM_177769 // Elmod1 // ELMO domain containing 1 // 9 A5.3 // 270162 /// ENSMUST0	Elmod1	1.00981E-05	-2.50628	Week 8 down vs Week 1
10574985	NM_178798 // Slc7a6 // solute carrier family 7 (cationic amino acid transporter,	Slc7a6	1.62306E-10	-2.50588	Week 8 down vs Week 1
10540248	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	0.000709953	-2.50547	Week 8 down vs Week 1
10418053	NM_010610 // Kcnma1 // potassium large conductance calcium-activated channel, su	Kcnma1	1.88628E-06	-2.50523	Week 8 down vs Week 1
10453231	NM_011406 // Slc8a1 // solute carrier family 8 (sodium/calcium exchanger), membe	Slc8a1	1.79329E-07	-2.50309	Week 8 down vs Week 1
10344218	---		1.30483E-07	-2.50196	Week 8 down vs Week 1
10362633	NM_011264 // Rev3l // REV3-like, catalytic subunit of DNA polymerase zeta RAD54	Rev3l	2.5719E-10	-2.50175	Week 8 down vs Week 1
10421100	NM_008691 // Nefm // neurofilament, medium polypeptide // 14 D1 // 18040 /// ENS	Nefm	8.47311E-06	-2.50018	Week 8 down vs Week 1
10549276	NM_024469 // Bhlhe41 // basic helix-loop-helix family, member e41 // 6 G2-G3|6 7	Bhlhe41	5.67972E-06	-2.49662	Week 8 down vs Week 1
10343090	---		0.000021005	-2.49411	Week 8 down vs Week 1
10562532	NM_172385 // Zfp536 // zinc finger protein 536 // 7 B2 // 243937 /// ENSMUST0000	Zfp536	1.30858E-07	-2.49078	Week 8 down vs Week 1
10601857	NM_009750 // Ngfrap1 // nerve growth factor receptor (TNFRSF16) associated prote	Ngfrap1	9.807E-12	-2.49015	Week 8 down vs Week 1
10527158	NM_007984 // Fscn1 // fascin homolog 1, actin bundling protein (Strongylocentrot	Fscn1	1.01602E-07	-2.48837	Week 8 down vs Week 1
10601854	NM_011712 // Wbp5 // WW domain binding protein 5 // X F1 // 22381 /// ENSMUST000	Wbp5	7.00723E-09	-2.48781	Week 8 down vs Week 1
10564237	ENSMUST00000054860 // Gm9801 // predicted gene 9801 // 7 C|7 // 330552	Gm9801	2.69897E-10	-2.48762	Week 8 down vs Week 1
10338535	---		7.60518E-07	-2.48433	Week 8 down vs Week 1
10469609	ENSMUST00000100373 // Gm13375 // predicted gene 13375 // --- // 100038451	Gm13375	1.1295E-10	-2.48281	Week 8 down vs Week 1
10338115	---		0.0022171	-2.48269	Week 8 down vs Week 1
10450904	NM_001039137 // Scoc // short coiled-coil protein // 8 C2 // 56367 /// NM_019708	Scoc	6.30034E-07	-2.48139	Week 8 down vs Week 1
10458843	NM_018744 // Sema6a // sema domain, transmembrane domain (TM), and cytoplasmic d	Sema6a	1.61047E-07	-2.48112	Week 8 down vs Week 1
10455123	NM_053144 // Pcdhb19 // protocadherin beta 19 // 18 B3 // 93890 /// ENSMUST00000	Pcdhb19	9.63625E-08	-2.48043	Week 8 down vs Week 1
10340825	---		1.979E-11	-2.47823	Week 8 down vs Week 1
10482448	NM_015753 // Zeb2 // zinc finger E-box binding homeobox 2 // 2 C1 // 24136 /// E	Zeb2	1.37958E-05	-2.47811	Week 8 down vs Week 1
10491477	NM_011443 // Sox2 // SRY-box containing gene 2 // 3 A2-B|3 15.0 cM // 20674 ///	Sox2	0.000393895	-2.47717	Week 8 down vs Week 1
10518408	NM_011122 // Plod1 // procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1 // 4 E2	Plod1	8.28791E-07	-2.47697	Week 8 down vs Week 1
10591118	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	1.9869E-06	-2.47686	Week 8 down vs Week 1
10342064	---		2.75271E-07	-2.47617	Week 8 down vs Week 1
10412921	NM_008695 // Nid2 // nidogen 2 // 14 A3 // 18074 /// ENSMUST00000022340 // Nid2	Nid2	1.34867E-05	-2.47602	Week 8 down vs Week 1
10546450	NM_175314 // Adamts9 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts9	1.78388E-05	-2.47472	Week 8 down vs Week 1
10340938	---		0.000151708	-2.47456	Week 8 down vs Week 1
10415279	NM_026808 // Fitm1 // fat storage-inducing transmembrane protein 1 // 14 C3 // 6	Fitm1	0.00161176	-2.47254	Week 8 down vs Week 1
10428522	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	4.00742E-06	-2.47221	Week 8 down vs Week 1
10343435	---		4.28909E-05	-2.47169	Week 8 down vs Week 1
10502240	NM_033525 // Npnt // nephronectin // 3 G3 // 114249 /// NM_001029836 // Npnt //	Npnt	1.27608E-07	-2.47135	Week 8 down vs Week 1
10422962	NM_001085410 // 1110020G09Rik // RIKEN cDNA 1110020G09 gene // 15 A2 // 68646 //	1110020G09Rik	1.18079E-06	-2.47121	Week 8 down vs Week 1
10339035	---		0.000031325	-2.47055	Week 8 down vs Week 1
10492021	NM_015784 // Postn // periostin, osteoblast specific factor // 3 C // 50706 ///	Postn	0.000112289	-2.47046	Week 8 down vs Week 1
10409876	NM_007796 // Ctla2a // cytotoxic T lymphocyte-associated protein 2 alpha // 13 B	Ctla2a	8.64908E-05	-2.47004	Week 8 down vs Week 1
10350339	---		6.49234E-06	-2.46999	Week 8 down vs Week 1
10342959	---		0.000412143	-2.46867	Week 8 down vs Week 1
10362440	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0191208	-2.46795	Week 8 down vs Week 1
10400023	NM_025359 // Tspan13 // tetraspanin 13 // 12 B2 // 66109 /// ENSMUST00000020896	Tspan13	0.000016679	-2.46759	Week 8 down vs Week 1
10389795	NM_011505 // Stxbp4 // syntaxin binding protein 4 // 11 C // 20913 /// ENSMUST00	Stxbp4	7.755E-07	-2.46684	Week 8 down vs Week 1
10341008	---		0.000239739	-2.46658	Week 8 down vs Week 1
10344270	---		2.1295E-06	-2.46631	Week 8 down vs Week 1
10458293	NM_029669 // Dnajc18 // DnaJ (Hsp40) homolog, subfamily C, member 18 // 18 B3 //	Dnajc18	2.11251E-09	-2.46617	Week 8 down vs Week 1
10340614	---		4.30312E-06	-2.46544	Week 8 down vs Week 1
10494548	NM_008121 // Gja5 // gap junction membrane channel protein alpha 5 // 3 F2.1|3 4	Gja5	3.3836E-06	-2.46502	Week 8 down vs Week 1
10354141	NM_001029878 // Lonrf2 // LON peptidase N-terminal domain and ring finger 2 // 1	Lonrf2	1.68366E-08	-2.46502	Week 8 down vs Week 1
10484203	ENSMUST00000049544 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545	2610301F02Rik	6.71214E-07	-2.46484	Week 8 down vs Week 1
10398364	---		1.38667E-08	-2.46464	Week 8 down vs Week 1
10360542	NM_025511 // Fam36a // family with sequence similarity 36, member A // 1 H3 // 6	Fam36a	3.75617E-08	-2.46428	Week 8 down vs Week 1
10531869	NM_009158 // Mapk10 // mitogen-activated protein kinase 10 // 5 E5 // 26414 ///	Mapk10	3.17185E-05	-2.46213	Week 8 down vs Week 1
10474096	NM_178725 // Lrrc4c // leucine rich repeat containing 4C // 2 E1 // 241568 /// E	Lrrc4c	1.81587E-05	-2.46133	Week 8 down vs Week 1
10594490	NM_144813 // Slc24a1 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a1	0.000250413	-2.45785	Week 8 down vs Week 1
10342808	---		1.62732E-05	-2.45767	Week 8 down vs Week 1
10341535	---		2.42787E-06	-2.45522	Week 8 down vs Week 1
10340125	---		5.42389E-05	-2.45514	Week 8 down vs Week 1
10338554	---		4.56333E-08	-2.45462	Week 8 down vs Week 1
10561927	NM_007467 // Aplp1 // amyloid beta (A4) precursor-like protein 1 // 7 B1|7 8.0 c	Aplp1	1.23188E-05	-2.45369	Week 8 down vs Week 1
10340048	---		0.000179068	-2.45332	Week 8 down vs Week 1
10384811	NM_025740 // Ccdc104 // coiled-coil domain containing 104 // 11 A4 // 216618 ///	Ccdc104	9.71095E-10	-2.45231	Week 8 down vs Week 1
10341654	---		0.000775106	-2.45145	Week 8 down vs Week 1
10579799	NM_145599 // Tmem184c // transmembrane protein 184C // 8 C1 // 234463 /// ENSMUS	Tmem184c	3.20058E-08	-2.45082	Week 8 down vs Week 1

10569008	NM_007751 // Cox8b // cytochrome c oxidase, subunit VIIIb // 7 F5|7 68.8 cM // 1	Cox8b	0.0011621	-2.44884	Week 8 down vs Week 1
10339218	---		9.71337E-06	-2.44872	Week 8 down vs Week 1
10339785	---		0.00015553	-2.44853	Week 8 down vs Week 1
10531195	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	3.52512E-05	-2.44608	Week 8 down vs Week 1
10571241	NM_001098233 // Purg // purine-rich element binding protein G // 8 A4 // 75029 /	Purg	1.52628E-07	-2.44431	Week 8 down vs Week 1
10339150	---		2.50756E-09	-2.4442	Week 8 down vs Week 1
10471675	NM_025374 // Glo1 // glyoxalase 1 // 17 A3.3|17 16.0 cM // 109801 /// NM_0011135	Glo1	9.54667E-09	-2.44419	Week 8 down vs Week 1
10545045	NM_153574 // Fam13a // family with sequence similarity 13, member A // 6 B3 // 5	Fam13a	4.53363E-06	-2.44315	Week 8 down vs Week 1
10388461	NM_007749 // Cox7c // cytochrome c oxidase, subunit VIIc // 13 C3 // 12867 /// B	Cox7c	4.667E-12	-2.44248	Week 8 down vs Week 1
10605181	NM_023132 // Renbp // renin binding protein // X A7.3|X 29.53 cM // 19703 /// EN	Renbp	7.11139E-06	-2.44225	Week 8 down vs Week 1
10498952	NM_021896 // Gucy1a3 // guanylate cyclase 1, soluble, alpha 3 // 3 E3 // 60596 /	Gucy1a3	0.000325309	-2.44202	Week 8 down vs Week 1
10362462	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0245651	-2.44182	Week 8 down vs Week 1
10338537	---		0.000216115	-2.44178	Week 8 down vs Week 1
10591816	NM_172920 // Dpy19l1 // dpy-19-like 1 (C. elegans) // 9 A4 // 244745 /// BC11678	Dpy19l1	1.24846E-08	-2.44134	Week 8 down vs Week 1
10503218	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.33905E-05	-2.4409	Week 8 down vs Week 1
10368997	AK048022 // C130030K03Rik // RIKEN cDNA C130030K03 gene // --- // 320644	C130030K03Rik	3.28039E-08	-2.44059	Week 8 down vs Week 1
10351039	NR_002840 // Gas5 // growth arrest specific 5 // 1 H2.1 // 14455	Gas5	0.00146717	-2.44018	Week 8 down vs Week 1
10358533	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000198435	-2.43868	Week 8 down vs Week 1
10338685	---		1.11466E-07	-2.43808	Week 8 down vs Week 1
10596051	NM_001101483 // Tmem22 // transmembrane protein 22 // 9 E3.3-E4 // 245020 /// EN	Tmem22	8.28298E-07	-2.43722	Week 8 down vs Week 1
10344973	NM_010267 // Gdap1 // ganglioside-induced differentiation-associated-protein 1 /	Gdap1	5.52392E-05	-2.43596	Week 8 down vs Week 1
10506433	NM_177259 // Dab1 // disabled homolog 1 (Drosophila) // 4 C6|4 52.7 cM // 13131	Dab1	8.83302E-08	-2.43406	Week 8 down vs Week 1
10594044	NM_012043 // Islr // immunoglobulin superfamily containing leucine-rich repeat /	Islr	0.000171692	-2.43374	Week 8 down vs Week 1
10416082	NM_029979 // Trim35 // tripartite motif-containing 35 // 14 D1 // 66854 /// AF14	Trim35	1.53325E-06	-2.43335	Week 8 down vs Week 1
10341635	---		7.1665E-06	-2.43286	Week 8 down vs Week 1
10343637	---		6.24855E-07	-2.43281	Week 8 down vs Week 1
10339628	---		0.000120723	-2.43183	Week 8 down vs Week 1
10344227	---		0.00200378	-2.43171	Week 8 down vs Week 1
10351045	---		1.36466E-06	-2.43103	Week 8 down vs Week 1
10591773	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	2.11929E-09	-2.4309	Week 8 down vs Week 1
10344428	---		3.53007E-07	-2.4306	Week 8 down vs Week 1
10388042	NM_134022 // 6330403K07Rik // RIKEN cDNA 6330403K07 gene // 11 B4 // 103712 ///	6330403K07Rik	8.51595E-08	-2.42988	Week 8 down vs Week 1
10338915	---		4.09786E-06	-2.42988	Week 8 down vs Week 1
10358597	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	7.45146E-05	-2.42987	Week 8 down vs Week 1
10606473	ENSMUST00000113422 // Hdx // highly divergent homeobox // X E1 // 245596	Hdx	1.76643E-07	-2.42967	Week 8 down vs Week 1
10347060	FJ210934 // Unc80 // unc-80 homolog (C. elegans) // 1 C3 // 329178 /// BC116430	Unc80	5.75278E-06	-2.42697	Week 8 down vs Week 1
10342578	---		0.000243796	-2.42513	Week 8 down vs Week 1
10340613	---		0.000158591	-2.425	Week 8 down vs Week 1
10338121	---		2.63345E-05	-2.42339	Week 8 down vs Week 1
10343391	---		0.000148509	-2.423	Week 8 down vs Week 1
10342724	---		4.37464E-05	-2.42208	Week 8 down vs Week 1
10344110	---		0.00021816	-2.42097	Week 8 down vs Week 1
10413987	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	6.76816E-05	-2.42042	Week 8 down vs Week 1
10362426	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00145185	-2.42022	Week 8 down vs Week 1
10540333	NM_017383 // Cntn6 // contactin 6 // 6 E2 // 53870 /// ENSMUST00000089215 // Cnt	Cntn6	1.24742E-08	-2.42014	Week 8 down vs Week 1
10497731	NM_026222 // Ccdc39 // coiled-coil domain containing 39 // 3 A3 // 51938 /// NM_	Ccdc39	3.89292E-09	-2.41883	Week 8 down vs Week 1
10343186	---		1.39826E-05	-2.41874	Week 8 down vs Week 1
10342610	---		0.000210931	-2.41831	Week 8 down vs Week 1
10350337	ENSMUST00000054333 // A130050O07Rik // RIKEN cDNA A130050O07 gene // 1 E4 // 320	A130050O07Rik	6.27889E-09	-2.41784	Week 8 down vs Week 1
10410921	NM_007749 // Cox7c // cytochrome c oxidase, subunit VIIc // 13 C3 // 12867 /// B	Cox7c	2.503E-12	-2.4172	Week 8 down vs Week 1
10342874	---		2.06685E-06	-2.41585	Week 8 down vs Week 1
10600524	NM_011692 // Vbp1 // von Hippel-Lindau binding protein 1 // X A7.3|X 30.8 cM //	Vbp1	3.01631E-07	-2.41571	Week 8 down vs Week 1
10354432	NM_001161817 // Myo1b // myosin IB // 1 C1.1|1 24.8 cM // 17912 /// NM_010863 //	Myo1b	1.89149E-06	-2.41534	Week 8 down vs Week 1
10344897	NM_172294 // Sulf1 // sulfatase 1 // 1 A3 // 240725 /// ENSMUST00000088585 // Su	Sulf1	1.17371E-05	-2.4146	Week 8 down vs Week 1
10429218	NM_177819 // Fam135b // family with sequence similarity 135, member B // 15 D3 /	Fam135b	0.00014757	-2.41342	Week 8 down vs Week 1
10339614	---		4.23736E-05	-2.41138	Week 8 down vs Week 1
10398434	---		1.13966E-06	-2.41068	Week 8 down vs Week 1
10342936	---		0.000031341	-2.40761	Week 8 down vs Week 1
10412036	NR_004438 // Apoo-ps // apolipoprotein O, pseudogene // 13 D2.1 // 621156 /// NM	Apoo-ps	7.30775E-10	-2.40694	Week 8 down vs Week 1
10344021	---		2.28084E-05	-2.4058	Week 8 down vs Week 1
10503222	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.01754E-05	-2.40438	Week 8 down vs Week 1
10527940	NM_011074 // Pftk1 // PFTAIRE protein kinase 1 // 5 A1|5 0.0 cM // 18647 /// ENS	Pftk1	1.00073E-06	-2.40358	Week 8 down vs Week 1
10339409	---		0.000166178	-2.40198	Week 8 down vs Week 1
10343680	---		2.52352E-05	-2.4015	Week 8 down vs Week 1
10344513	---		0.00043189	-2.4012	Week 8 down vs Week 1

10577980	NM_021369 // Chrna6 // cholinergic receptor, nicotinic, alpha polypeptide 6 // 8	Chrna6	4.53953E-05	-2.40115	Week 8 down vs Week 1
10339337	---		4.87275E-07	-2.40063	Week 8 down vs Week 1
10396421	NM_010431 // Hif1a // hypoxia inducible factor 1, alpha subunit // 12 C3|12 31.0	Hif1a	5.68303E-07	-2.39952	Week 8 down vs Week 1
10571384	ENSMUST00000068999 // Efha2 // EF-hand domain family, member A2 // 8 A4 // 78506	Efha2	2.94422E-09	-2.399	Week 8 down vs Week 1
10339844	---		0.000742401	-2.39886	Week 8 down vs Week 1
10440099	NM_018784 // St3gal6 // ST3 beta-galactoside alpha-2,3-sialyltransferase 6 // 16	St3gal6	0.000161257	-2.39851	Week 8 down vs Week 1
10398366	---		7.58726E-08	-2.39668	Week 8 down vs Week 1
10579659	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	2.87167E-09	-2.39584	Week 8 down vs Week 1
10438017	NM_139232 // Fgd4 // FYVE, RhoGEF and PH domain containing 4 // 16 A3 // 224014	Fgd4	8.13527E-08	-2.39566	Week 8 down vs Week 1
10411519	NM_008634 // Mtap1b // microtubule-associated protein 1B // 13 D1|13 51.0 cM //	Mtap1b	1.06038E-05	-2.39543	Week 8 down vs Week 1
10338900	---		0.000685478	-2.39495	Week 8 down vs Week 1
10420155	NM_026819 // Dhrs1 // dehydrogenase/reductase (SDR family) member 1 // 14 C3|14	Dhrs1	2.03457E-05	-2.39437	Week 8 down vs Week 1
10341527	---		2.88661E-06	-2.39426	Week 8 down vs Week 1
10537851	NM_001004357 // Cntnap2 // contactin associated protein-like 2 // 6 B2 // 66797	Cntnap2	2.48941E-06	-2.39356	Week 8 down vs Week 1
10594501	NM_021345 // Ptplad1 // protein tyrosine phosphatase-like A domain containing 1	Ptplad1	2.43947E-07	-2.39334	Week 8 down vs Week 1
10585976	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	8.20329E-06	-2.39286	Week 8 down vs Week 1
10598626	NM_019634 // Tspan7 // tetraspanin 7 // X A1.3-A2 // 21912 /// ENSMUST0000007635	Tspan7	9.7332E-07	-2.39245	Week 8 down vs Week 1
10551009	NM_025284 // Tmsb10 // thymosin, beta 10 // 6 C1 // 19240 /// NM_001039392 // Tm	Tmsb10	7.67137E-10	-2.39206	Week 8 down vs Week 1
10532896	NM_181075 // 2610524H06Rik // RIKEN cDNA 2610524H06 gene // 5 F // 330173 /// BC	2610524H06Rik	1.85983E-10	-2.39129	Week 8 down vs Week 1
10472374	BC172147 // Scn9a // sodium channel, voltage-gated, type IX, alpha // 2 C1.3|2 3	Scn9a	5.58151E-05	-2.39122	Week 8 down vs Week 1
10580382	NM_001081324 // Neto2 // neuropilin (NRP) and tolloid (TLL)-like 2 // 8 C4 // 74	Neto2	8.51269E-09	-2.39106	Week 8 down vs Week 1
10469404	NM_023116 // Cacnb2 // calcium channel, voltage-dependent, beta 2 subunit // 2 A	Cacnb2	1.30418E-06	-2.39067	Week 8 down vs Week 1
10541318	NM_144512 // Slc6a13 // solute carrier family 6 (neurotransmitter transporter, G	Slc6a13	0.000502924	-2.39063	Week 8 down vs Week 1
10406461	ENSMUST00000052354 // C130071C03Rik // RIKEN cDNA C130071C03 gene // 13 C3 // 32	C130071C03Rik	3.77297E-05	-2.3895	Week 8 down vs Week 1
10495449	NM_007729 // Col11a1 // collagen, type XI, alpha 1 // 3 F3|3 53.1 cM // 12814 //	Col11a1	7.473E-07	-2.38898	Week 8 down vs Week 1
10412719	NM_028052 // Synpr // synaptoporin // 14 A2 // 72003 /// ENSMUST00000070323 // S	Synpr	7.25624E-07	-2.3882	Week 8 down vs Week 1
10460468	NM_019861 // Ctsf // cathepsin F // 19 A // 56464 /// ENSMUST00000115980 // Ctsf	Ctsf	2.92057E-09	-2.38752	Week 8 down vs Week 1
10495243	NM_010360 // Gstm5 // glutathione S-transferase, mu 5 // 3 F2.3 // 14866 /// ENS	Gstm5	9.42039E-08	-2.38616	Week 8 down vs Week 1
10362456	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00950199	-2.38556	Week 8 down vs Week 1
10369702	NM_027384 // Tet1 // tet oncogene 1 // 10 B4|10 32.0 cM // 52463 /// ENSMUST0000	Tet1	4.97365E-09	-2.38437	Week 8 down vs Week 1
10358816	NM_010683 // Lamc1 // laminin, gamma 1 // 1 G3|1 81.1 cM // 226519 /// ENSMUST00	Lamc1	2.72811E-06	-2.38262	Week 8 down vs Week 1
10362245	NM_013511 // Epb4.1l2 // erythrocyte protein band 4.1-like 2 // 10 A4|10 18.0 cM	Epb4.1l2	1.06573E-05	-2.38137	Week 8 down vs Week 1
10365420	NM_001013028 // AI597468 // expressed sequence AI597468 // 10 C1 // 103266 /// N	AI597468	9.57675E-10	-2.38093	Week 8 down vs Week 1
10366196	NM_177373 // Ppfia2 // protein tyrosine phosphatase, receptor type, f polypeptid	Ppfia2	1.69222E-05	-2.3795	Week 8 down vs Week 1
10343149	---		7.83757E-10	-2.37902	Week 8 down vs Week 1
10406676	NM_172589 // Lhfpl2 // lipoma HMGIC fusion partner-like 2 // 13 D1 // 218454 ///	Lhfpl2	1.94197E-06	-2.3789	Week 8 down vs Week 1
10420616	NM_011892 // Sgcg // sarcoglycan, gamma (dystrophin-associated glycoprotein) //	Sgcg	0.000486149	-2.37831	Week 8 down vs Week 1
10427904	BC050864 // Fbxl7 // F-box and leucine-rich repeat protein 7 // 15 B1 // 448987	Fbxl7	1.0296E-07	-2.37739	Week 8 down vs Week 1
10342726	---		0.00113021	-2.37735	Week 8 down vs Week 1
10474129	NM_173749 // Pamr1 // peptidase domain containing associated with muscle regener	Pamr1	1.10788E-07	-2.3773	Week 8 down vs Week 1
10541260	NM_001128151 // Cecr2 // cat eye syndrome chromosome region, candidate 2 homolog	Cecr2	1.25487E-05	-2.37676	Week 8 down vs Week 1
10344222	---		0.000271565	-2.37621	Week 8 down vs Week 1
10368675	NM_008538 // Marcks // myristoylated alanine rich protein kinase C substrate //	Marcks	4.29955E-09	-2.37481	Week 8 down vs Week 1
10338613	---		1.43483E-06	-2.3744	Week 8 down vs Week 1
10342170	---		1.72329E-06	-2.37083	Week 8 down vs Week 1
10341116	---		9.09412E-06	-2.36942	Week 8 down vs Week 1
10523060	ENSMUST00000068250 // Gm9958 // predicted gene 9958 // --- // 791294	Gm9958	1.827E-11	-2.36893	Week 8 down vs Week 1
10343124	---		0.000133088	-2.36875	Week 8 down vs Week 1
10484371	NM_018782 // Calcrl // calcitonin receptor-like // 2 D // 54598 /// ENSMUST00000	Calcrl	0.000258651	-2.36755	Week 8 down vs Week 1
10517141	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	2.74204E-09	-2.36719	Week 8 down vs Week 1
10363195	NM_008297 // Hsf2 // heat shock factor 2 // 10 B3-B4 // 15500 /// ENSMUST0000007	Hsf2	4.37864E-09	-2.36598	Week 8 down vs Week 1
10563895	---		0.000190581	-2.36593	Week 8 down vs Week 1
10342706	---		0.00014043	-2.3654	Week 8 down vs Week 1
10581013	NM_009866 // Cdh11 // cadherin 11 // 8 D2|8 46.5 cM // 12552 /// ENSMUST00000075	Cdh11	0.000121676	-2.3649	Week 8 down vs Week 1
10603289	NM_016691 // Clcn5 // chloride channel 5 // X A1.1|X 0.8 cM // 12728 /// ENSMUST	Clcn5	5.44669E-09	-2.36484	Week 8 down vs Week 1
10343609	---		0.0157914	-2.36431	Week 8 down vs Week 1
10449991	NM_207541 // Zfp81 // zinc finger protein 81 // 17 B1 // 224694 /// ENSMUST00000	Zfp81	1.06089E-07	-2.36408	Week 8 down vs Week 1
10407511	---		1.12666E-07	-2.36339	Week 8 down vs Week 1
10587688	---		1.87834E-07	-2.36191	Week 8 down vs Week 1
10595620	---		1.87834E-07	-2.36191	Week 8 down vs Week 1
10529457	NM_153107 // Cpz // carboxypeptidase Z // 5 B3 // 242939 /// ENSMUST00000038676	Cpz	6.27967E-07	-2.36054	Week 8 down vs Week 1
10608667	---		1.21861E-07	-2.35982	Week 8 down vs Week 1
10343750	---		0.000734902	-2.35945	Week 8 down vs Week 1
10595626	---		1.15428E-07	-2.35935	Week 8 down vs Week 1
10585972	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	3.31234E-07	-2.35883	Week 8 down vs Week 1

10440258	NM_010140 // Epha3 // Eph receptor A3 // 16 C1.3 // 13837 /// ENSMUST00000064405	Epha3	4.5937E-11	-2.35868	Week 8 down vs Week 1
10342254	---		1.28451E-07	-2.35848	Week 8 down vs Week 1
10343147	---		0.00077783	-2.3584	Week 8 down vs Week 1
10358577	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000485538	-2.3567	Week 8 down vs Week 1
10503188	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.45263E-07	-2.35602	Week 8 down vs Week 1
10366073	NM_146009 // Cep290 // centrosomal protein 290 // 10 D1|10 59.0 cM // 216274 ///	Cep290	0.000100844	-2.35536	Week 8 down vs Week 1
10549506	NM_177192 // Dennd5b // DENN/MADD domain containing 5B // 6 G3 // 320560 /// ENS	Dennd5b	3.12553E-07	-2.35432	Week 8 down vs Week 1
10605797	NM_001033329 // Arhgef9 // CDC42 guanine nucleotide exchange factor (GEF) 9 // X	Arhgef9	9.83454E-09	-2.35299	Week 8 down vs Week 1
10420846	NM_021458 // Fzd3 // frizzled homolog 3 (Drosophila) // 14 D1|14 27.0 cM // 1436	Fzd3	2.99298E-08	-2.35215	Week 8 down vs Week 1
10518526	NM_001039554 // Angptl7 // angiopoietin-like 7 // 4 E1 // 654812 /// ENSMUST0000	Angptl7	0.000671683	-2.35206	Week 8 down vs Week 1
10503172	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	2.88509E-06	-2.35203	Week 8 down vs Week 1
10543319	NM_138587 // Fam3c // family with sequence similarity 3, member C // 6 A3.1|6 2.	Fam3c	1.43508E-06	-2.3507	Week 8 down vs Week 1
10601303	NM_009767 // Chic1 // cysteine-rich hydrophobic domain 1 // X D|X 42.3 cM // 122	Chic1	1.77208E-07	-2.35066	Week 8 down vs Week 1
10340583	---		0.00261579	-2.34941	Week 8 down vs Week 1
10341606	---		0.000053888	-2.34908	Week 8 down vs Week 1
10483819	NM_028235 // Ttc30b // tetratricopeptide repeat domain 30B // 2 C3 // 72421 ///	Ttc30b	1.6048E-11	-2.34907	Week 8 down vs Week 1
10369842	---		4.66271E-06	-2.34851	Week 8 down vs Week 1
10358535	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.00121394	-2.34827	Week 8 down vs Week 1
10338335	---		1.02064E-05	-2.34824	Week 8 down vs Week 1
10340440	---		0.000226126	-2.34776	Week 8 down vs Week 1
10501754	NM_177664 // D3Bwg0562e // DNA segment, Chr 3, Brigham & Women's Genetics 0562 e	D3Bwg0562e	4.17992E-06	-2.34753	Week 8 down vs Week 1
10472380	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	8.77127E-07	-2.34709	Week 8 down vs Week 1
10571312	NM_176933 // Dusp4 // dual specificity phosphatase 4 // 8 A4 // 319520 /// ENSMU	Dusp4	5.01312E-06	-2.34552	Week 8 down vs Week 1
10343839	---		0.00003078	-2.34426	Week 8 down vs Week 1
10406504	NM_001037987 // Edil3 // EGF-like repeats and discoidin I-like domains 3 // ---	Edil3	2.13136E-05	-2.34325	Week 8 down vs Week 1
10344074	---		3.68195E-09	-2.34277	Week 8 down vs Week 1
10359480	NM_001038619 // Dnm3 // dynamin 3 // 1 H2.1 // 103967 /// NM_172646 // Dnm3 // d	Dnm3	5.44263E-05	-2.34075	Week 8 down vs Week 1
10408610	NM_009450 // Tubb2a // tubulin, beta 2A // 13 A3.3|13 16.0 cM // 22151 /// ENSMU	Tubb2a	8.64546E-09	-2.34015	Week 8 down vs Week 1
10419170	NM_172597 // Txndc16 // thioredoxin domain containing 16 // 14 C1 // 70561 /// E	Txndc16	1.99352E-08	-2.34014	Week 8 down vs Week 1
10603166	NM_025432 // Trappc2 // trafficking protein particle complex 2 // X F5 // 66226	Trappc2	1.0763E-09	-2.33993	Week 8 down vs Week 1
10389738	NM_019505 // Dgke // diacylglycerol kinase, epsilon // 11 C // 56077 /// ENSMUST	Dgke	2.49764E-05	-2.33976	Week 8 down vs Week 1
10419676	NM_172601 // Rab2b // RAB2B, member RAS oncogene family // 14 C2 // 76338 /// EN	Rab2b	8.059E-12	-2.33943	Week 8 down vs Week 1
10604922	NM_001033328 // BC023829 // cDNA sequence BC023829 // X A7.1-A7.2 // 236848 ///	BC023829	8.12255E-09	-2.33908	Week 8 down vs Week 1
10423941	NM_025736 // Ttc35 // tetratricopeptide repeat domain 35 // 15 B3.2 // 66736 ///	Ttc35	1.07321E-07	-2.33898	Week 8 down vs Week 1
10341797	---		3.52914E-06	-2.33754	Week 8 down vs Week 1
10344122	---		0.00201564	-2.3373	Week 8 down vs Week 1
10539393	ENSMUST00000039212 // Slc4a5 // solute carrier family 4, sodium bicarbonate cotr	Slc4a5	0.000654427	-2.33663	Week 8 down vs Week 1
10539710	NM_011585 // Tia1 // cytotoxic granule-associated RNA binding protein 1 // 6 D2	Tia1	4.59859E-10	-2.33631	Week 8 down vs Week 1
10339098	---		4.54625E-06	-2.33543	Week 8 down vs Week 1
10340239	---		0.00332488	-2.33481	Week 8 down vs Week 1
10452516	NM_001025572 // Ankrd12 // ankyrin repeat domain 12 // 17 E1.1 // 106585	Ankrd12	2.51213E-07	-2.33437	Week 8 down vs Week 1
10356403	NM_001110227 // Kcnj13 // potassium inwardly-rectifying channel, subfamily J, me	Kcnj13	0.00927417	-2.33416	Week 8 down vs Week 1
10355785	BC021773 // Glb1l // galactosidase, beta 1-like // 1 C3 // 74577 /// BC057896 //	Glb1l	2.02824E-09	-2.33407	Week 8 down vs Week 1
10570573	NM_026792 // Agpat5 // 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosp	Agpat5	1.05111E-08	-2.33402	Week 8 down vs Week 1
10585803	NM_009291 // Stra6 // stimulated by retinoic acid gene 6 // 9 C // 20897 /// NM_	Stra6	5.83152E-05	-2.33351	Week 8 down vs Week 1
10502845	NM_174868 // Fam73a // family with sequence similarity 73, member A // 3 H3 // 2	Fam73a	4.90084E-09	-2.33299	Week 8 down vs Week 1
10372078	NM_026065 // D10Ertd322e // DNA segment, Chr 10, ERATO Doi 322, expressed // 10	D10Ertd322e	3.96111E-07	-2.33183	Week 8 down vs Week 1
10436594	---		3.57336E-07	-2.33104	Week 8 down vs Week 1
10503214	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.69705E-05	-2.329	Week 8 down vs Week 1
10578300	NM_001040699 // Mtmr7 // myotubularin related protein 7 // 8 B1.2 // 54384 /// E	Mtmr7	1.96382E-06	-2.3289	Week 8 down vs Week 1
10360235	NM_009813 // Casq1 // calsequestrin 1 // 1 H3|1 94.0 cM // 12372 /// ENSMUST0000	Casq1	0.0140574	-2.3288	Week 8 down vs Week 1
10408935	ENSMUST00000099550 // Gm10786 // predicted gene 10786 // --- // 100038539	Gm10786	5.04974E-07	-2.3288	Week 8 down vs Week 1
10600597	NM_175771 // Tmem47 // transmembrane protein 47 // X A7.2 // 192216 /// NM_13875	Tmem47	1.61614E-05	-2.32801	Week 8 down vs Week 1
10529875	NM_001077398 // Ldb2 // LIM domain binding 2 // 5 B3 // 16826 /// NM_010698 // L	Ldb2	0.000253176	-2.32797	Week 8 down vs Week 1
10430467	NM_020516 // Slc16a8 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a8	3.42208E-05	-2.32776	Week 8 down vs Week 1
10341341	---		0.000302625	-2.32688	Week 8 down vs Week 1
10410695	NM_028493 // Rhobtb3 // Rho-related BTB domain containing 3 // 13 C1 // 73296 //	Rhobtb3	1.64271E-08	-2.32636	Week 8 down vs Week 1
10445944	NM_172829 // St6gal2 // beta galactoside alpha 2,6 sialyltransferase 2 // 17 C /	St6gal2	0.00014856	-2.32437	Week 8 down vs Week 1
10338083	---		3.84341E-05	-2.32393	Week 8 down vs Week 1
10542965	NM_001130190 // Sgce // sarcoglycan, epsilon // 6 A1|6 1.0 cM // 20392 /// NM_00	Sgce	3.08042E-06	-2.32369	Week 8 down vs Week 1
10443459	NM_013663 // Sfrs3 // splicing factor, arginine/serine-rich 3 (SRp20) // 17 A3.3	Sfrs3	1.05906E-05	-2.32259	Week 8 down vs Week 1
10343257	---		0.000677625	-2.32163	Week 8 down vs Week 1
10339842	---		3.89525E-05	-2.32099	Week 8 down vs Week 1
10498907	NM_010298 // Glrb // glycine receptor, beta subunit // 3 E3-F1|3 36.0 cM // 1465	Glrb	4.4101E-07	-2.3198	Week 8 down vs Week 1
10339712	---		0.00231864	-2.31979	Week 8 down vs Week 1

10338798	---		7.28746E-05	-2.31914	Week 8 down vs Week 1
10492860	NM_019814 // Higd1a // HIG1 domain family, member 1A // 9 F4 // 56295 /// NM_001	Higd1a	9.2033E-11	-2.31851	Week 8 down vs Week 1
10607792	NM_183427 // Glra2 // glycine receptor, alpha 2 subunit // X F5|X 72.0 cM // 237	Glra2	0.000195097	-2.31833	Week 8 down vs Week 1
10567564	NM_007672 // Cdr2 // cerebellar degeneration-related 2 // 7 F2|7 60.0 cM // 1258	Cdr2	5.49137E-05	-2.31704	Week 8 down vs Week 1
10517731	NM_198610 // Igsf21 // immunoglobin superfamily, member 21 // 4 D3 // 230868 ///	Igsf21	0.0001437	-2.31655	Week 8 down vs Week 1
10545479	NM_025284 // Tmsb10 // thymosin, beta 10 // 6 C1 // 19240 /// NM_001039392 // Tm	Tmsb10	2.26015E-09	-2.31653	Week 8 down vs Week 1
10502830	NM_199465 // Nexn // nexilin // 3 H3 // 68810 /// ENSMUST00000046045 // Nexn //	Nexn	0.00101526	-2.31579	Week 8 down vs Week 1
10339633	---		0.00170756	-2.31562	Week 8 down vs Week 1
10463732	NM_146100 // Ina // internexin neuronal intermediate filament protein, alpha //	Ina	0.000143862	-2.31451	Week 8 down vs Week 1
10448247	NM_009555 // Zfp40 // zinc finger protein 40 // 17 A3.3|17 10.05 cM // 22700 ///	Zfp40	2.24898E-09	-2.31349	Week 8 down vs Week 1
10403108	NM_016957 // Hmgn2 // high mobility group nucleosomal binding domain 2 // 4 D3|4	Hmgn2	1.63568E-08	-2.31335	Week 8 down vs Week 1
10358587	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000387202	-2.31129	Week 8 down vs Week 1
10503200	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	3.14942E-05	-2.31028	Week 8 down vs Week 1
10512093	NM_001033305 // Ndufb6 // NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6 /	Ndufb6	6.03256E-08	-2.30944	Week 8 down vs Week 1
10341000	---		1.03763E-07	-2.30869	Week 8 down vs Week 1
10343481	---		3.01854E-05	-2.30752	Week 8 down vs Week 1
10449644	NM_025374 // Glo1 // glyoxalase 1 // 17 A3.3|17 16.0 cM // 109801 /// NM_0011135	Glo1	2.19977E-09	-2.30727	Week 8 down vs Week 1
10431726	NM_024189 // Yaf2 // YY1 associated factor 2 // 15 F1 // 67057 /// ENSMUST000000	Yaf2	3.43171E-09	-2.30701	Week 8 down vs Week 1
10471880	---		1.60849E-09	-2.30692	Week 8 down vs Week 1
10536297	NM_181595 // Ppp1r9a // protein phosphatase 1, regulatory (inhibitor) subunit 9A	Ppp1r9a	4.83957E-08	-2.3063	Week 8 down vs Week 1
10586718	NM_177159 // 9530091C08Rik // RIKEN cDNA 9530091C08 gene // 9 C // 320440	9530091C08Rik	1.87819E-08	-2.30584	Week 8 down vs Week 1
10418092	BC038501 // A830039N20Rik // RIKEN cDNA A830039N20 gene // 14 A3 // 268723 /// E	A830039N20Rik	5.07742E-07	-2.30387	Week 8 down vs Week 1
10368268	---		1.17754E-08	-2.30384	Week 8 down vs Week 1
10341763	---		0.000106965	-2.30299	Week 8 down vs Week 1
10342810	---		0.000651987	-2.30207	Week 8 down vs Week 1
10343757	---		0.00366005	-2.30171	Week 8 down vs Week 1
10342646	---		8.66333E-08	-2.30168	Week 8 down vs Week 1
10340542	---		2.67804E-05	-2.30158	Week 8 down vs Week 1
10428119	NM_053071 // Cox6c // cytochrome c oxidase, subunit VIc // 15 B3.3 // 12864 ///	Cox6c	4.75605E-10	-2.30158	Week 8 down vs Week 1
10436590	AK148800 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 // 77994 ///	2810055G20Rik	4.24972E-06	-2.30095	Week 8 down vs Week 1
10593233	NM_013561 // Htr3a // 5-hydroxytryptamine (serotonin) receptor 3A // 9 A5.3 // 1	Htr3a	5.63025E-06	-2.30044	Week 8 down vs Week 1
10585980	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	2.67084E-08	-2.3	Week 8 down vs Week 1
10374356	NM_145967 // Vstm2a // V-set and transmembrane domain containing 2A // 11 A2 //	Vstm2a	2.27075E-06	-2.3	Week 8 down vs Week 1
10359754	NM_001083897 // Mpzl1 // myelin protein zero-like 1 // 1 H2.3 // 68481 /// NM_00	Mpzl1	2.17232E-07	-2.2998	Week 8 down vs Week 1
10338542	---		4.96616E-06	-2.29956	Week 8 down vs Week 1
10439766	NM_021496 // Pvrl3 // poliovirus receptor-related 3 // 16 B5 // 58998 /// NM_021	Pvrl3	5.62217E-05	-2.29903	Week 8 down vs Week 1
10342682	---		0.000884399	-2.29866	Week 8 down vs Week 1
10542414	NM_011216 // Ptpro // protein tyrosine phosphatase, receptor type, O // 6 G1 //	Ptpro	1.16321E-05	-2.29729	Week 8 down vs Week 1
10392642	NM_147219 // Abca5 // ATP-binding cassette, sub-family A (ABC1), member 5 // 11	Abca5	5.21748E-09	-2.29683	Week 8 down vs Week 1
10576639	NM_008737 // Nrp1 // neuropilin 1 // 8 E|8 73.0 cM // 18186 /// ENSMUST000000269	Nrp1	0.00253678	-2.29637	Week 8 down vs Week 1
10344545	---		0.000139005	-2.29636	Week 8 down vs Week 1
10341409	---		1.54729E-06	-2.29532	Week 8 down vs Week 1
10544941	NM_001159953 // Pde1c // phosphodiesterase 1C // 6 B3|6 27.0 cM // 18575 /// NM_	Pde1c	2.66152E-07	-2.29459	Week 8 down vs Week 1
10339457	---		0.000174904	-2.29217	Week 8 down vs Week 1
10589773	BC086653 // Lba1 // lupus brain antigen 1 // 9 F3 // 320429 /// ENSMUST000000786	Lba1	0.000390364	-2.29201	Week 8 down vs Week 1
10594144	NM_175325 // Bbs4 // Bardet-Biedl syndrome 4 (human) // 9 B|9 33.0 cM // 102774	Bbs4	7.70263E-06	-2.29183	Week 8 down vs Week 1
10484307	NM_011356 // Frzb // frizzled-related protein // 2 C3|2 49.75 cM // 20378 /// EN	Frzb	2.95969E-05	-2.29143	Week 8 down vs Week 1
10419223	NM_146054 // Fermt2 // fermitin family homolog 2 (Drosophila) // 14 C1 // 218952	Fermt2	0.000140401	-2.2896	Week 8 down vs Week 1
10358561	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000512761	-2.28921	Week 8 down vs Week 1
10503186	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.54581E-07	-2.28895	Week 8 down vs Week 1
10587495	NM_022986 // Irak1bp1 // interleukin-1 receptor-associated kinase 1 binding prot	Irak1bp1	1.4882E-09	-2.28889	Week 8 down vs Week 1
10377560	NM_026991 // Sat2 // spermidine/spermine N1-acetyl transferase 2 // 11 B4 // 692	Sat2	1.33943E-09	-2.28858	Week 8 down vs Week 1
10357472	NM_009911 // Cxcr4 // chemokine (C-X-C motif) receptor 4 // 1 E4|1 67.4 cM // 12	Cxcr4	4.03789E-08	-2.28813	Week 8 down vs Week 1
10338891	---		1.00817E-05	-2.28542	Week 8 down vs Week 1
10476740	NM_053195 // Slc24a3 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a3	3.52507E-06	-2.28512	Week 8 down vs Week 1
10344152	---		0.00017073	-2.28415	Week 8 down vs Week 1
10599880	NM_198863 // Slitrk2 // SLIT and NTRK-like family, member 2 // X A5 // 245450 //	Slitrk2	1.9974E-07	-2.28382	Week 8 down vs Week 1
10341146	---		4.24025E-05	-2.28293	Week 8 down vs Week 1
10342714	---		1.67346E-06	-2.28245	Week 8 down vs Week 1
10365208	NM_001024626 // Zfp873 // zinc finger protein 873 // 10 C1 // 408062 /// ENSMUST	Zfp873	1.12282E-09	-2.28168	Week 8 down vs Week 1
10599841	ENSMUST00000096426 // C230004F18Rik // RIKEN cDNA C230004F18 gene // X A6 // 331	C230004F18Rik	1.93411E-05	-2.28134	Week 8 down vs Week 1
10424781	NM_023168 // Grina // glutamate receptor, ionotropic, N-methyl D-aspartate-assoc	Grina	4.58763E-07	-2.28084	Week 8 down vs Week 1
10503208	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	8.16571E-06	-2.28056	Week 8 down vs Week 1
10344558	---		0.000303684	-2.28021	Week 8 down vs Week 1
10442922	NM_007749 // Cox7c // cytochrome c oxidase, subunit VIIc // 13 C3 // 12867 /// E	Cox7c	9.859E-12	-2.28018	Week 8 down vs Week 1

10342144	---		1.06213E-05	-2.2795	Week 8 down vs Week 1
10344273	---		5.79851E-05	-2.27931	Week 8 down vs Week 1
10476628	NM_020595 // Otor // otoraplin // 2 G1 // 57329 /// ENSMUST00000028902 // Otor /	Otor	2.75626E-05	-2.27845	Week 8 down vs Week 1
10471994	NM_008449 // Kif5c // kinesin family member 5C // 2 32.5 cM // 16574 /// ENSMUST	Kif5c	1.27349E-05	-2.2778	Week 8 down vs Week 1
10496359	NM_016885 // Emcn // endomucin // 3 G3 // 59308 /// ENSMUST00000119475 // Emcn /	Emcn	0.0150024	-2.27747	Week 8 down vs Week 1
10379866	NM_007607 // Car4 // carbonic anhydrase 4 // 11 C // 12351 /// ENSMUST0000010319	Car4	2.40828E-09	-2.27671	Week 8 down vs Week 1
10595560	NM_023814 // Tbx18 // T-box18 // 9 E3.2|9 48.5 cM // 76365 /// ENSMUST0000003499	Tbx18	9.99737E-06	-2.2744	Week 8 down vs Week 1
10342970	---		5.47167E-05	-2.27391	Week 8 down vs Week 1
10338711	---		4.96932E-05	-2.27059	Week 8 down vs Week 1
10600317	NM_008106 // Opn1mw // opsin 1 (cone pigments), medium-wave-sensitive (color bli	Opn1mw	0.0010929	-2.26927	Week 8 down vs Week 1
10338183	---		0.00143099	-2.26868	Week 8 down vs Week 1
10354286	NM_023645 // Kdelc1 // KDEL (Lys-Asp-Glu-Leu) containing 1 // 1 C1 // 72050 ///	Kdelc1	2.17607E-09	-2.26822	Week 8 down vs Week 1
10538640	NM_011920 // Abcg2 // ATP-binding cassette, sub-family G (WHITE), member 2 // 6	Abcg2	0.000130096	-2.2678	Week 8 down vs Week 1
10422249	NM_010024 // Dct // dopachrome tautomerase // 14 E4|14 58.0 cM // 13190 /// ENSM	Dct	0.00851775	-2.26755	Week 8 down vs Week 1
10344981	NM_053191 // Pi15 // peptidase inhibitor 15 // 1 A4 // 94227 /// ENSMUST00000088	Pi15	0.000401794	-2.2668	Week 8 down vs Week 1
10476588	NM_001013802 // Macrod2 // MACRO domain containing 2 // 2 F3 // 72899 /// ENSMUS	Macrod2	5.72473E-09	-2.26597	Week 8 down vs Week 1
10455084	NM_053135 // Pcdhb10 // protocadherin beta 10 // 18 B3 // 93881 /// ENSMUST00000	Pcdhb10	3.24894E-08	-2.26404	Week 8 down vs Week 1
10343585	---		0.000163132	-2.26332	Week 8 down vs Week 1
10595094	NM_027150 // 2310046A06Rik // RIKEN cDNA 2310046A06 gene // 9 E1 // 69642 /// EN	2310046A06Rik	0.00252715	-2.26237	Week 8 down vs Week 1
10601312	ENSMUST00000101317 // Gm10454 // predicted gene 10454 // X C3|X // 331484	Gm10454	1.63894E-07	-2.26228	Week 8 down vs Week 1
10360789	NM_007853 // Degs1 // degenerative spermatocyte homolog 1 (Drosophila) // 1 H5 /	Degs1	7.89401E-06	-2.26109	Week 8 down vs Week 1
10555946	NM_011421 // Smpd1 // sphingomyelin phosphodiesterase 1, acid lysosomal // 7 E3|	Smpd1	9.55539E-07	-2.2607	Week 8 down vs Week 1
10342202	---		0.0018268	-2.26023	Week 8 down vs Week 1
10339004	---		1.45891E-06	-2.26002	Week 8 down vs Week 1
10596931	NM_031392 // Wdr6 // WD repeat domain 6 // 9 F2 // 83669 /// ENSMUST00000068700	Wdr6	1.60316E-07	-2.25888	Week 8 down vs Week 1
10363146	NM_178675 // Slc35f1 // solute carrier family 35, member F1 // 10 B3 // 215085 /	Slc35f1	1.56251E-07	-2.25838	Week 8 down vs Week 1
10454856	NM_028707 // Psd2 // pleckstrin and Sec7 domain containing 2 // 18 B2 // 74002 /	Psd2	3.29275E-05	-2.25832	Week 8 down vs Week 1
10501971	NM_178655 // Ank2 // ankyrin 2, brain // 3 G2|3 62.5 cM // 109676 /// NM_0010341	Ank2	5.74523E-06	-2.25829	Week 8 down vs Week 1
10362404	NM_029726 // Trdn // triadin // 10 A4 // 76757 /// ENSMUST00000050626 // Trdn //	Trdn	0.0133023	-2.25817	Week 8 down vs Week 1
10368409	NM_008481 // Lama2 // laminin, alpha 2 // 10 A4-B1|10 20.0 cM // 16773 /// ENSMU	Lama2	0.000404887	-2.25795	Week 8 down vs Week 1
10529979	NR_027710 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	1.2971E-06	-2.25792	Week 8 down vs Week 1
10453747	NM_130449 // Colec12 // collectin sub-family member 12 // 18 A1 // 140792 /// EN	Colec12	0.000113538	-2.25782	Week 8 down vs Week 1
10472370	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	2.44534E-05	-2.25756	Week 8 down vs Week 1
10344307	---		0.000983887	-2.25695	Week 8 down vs Week 1
10367828	ENSMUST00000100068 // Gm10828 // predicted gene 10828 // --- // 100038484	Gm10828	0.000114221	-2.25646	Week 8 down vs Week 1
10364712	NM_007705 // Cirbp // cold inducible RNA binding protein // 10 C1|10 44.0 cM //	Cirbp	3.74536E-08	-2.25557	Week 8 down vs Week 1
10458122	NM_080637 // Nme5 // non-metastatic cells 5, protein expressed in (nucleoside-di	Nme5	1.79727E-05	-2.2555	Week 8 down vs Week 1
10343852	---		0.000252494	-2.25459	Week 8 down vs Week 1
10340506	---		4.53988E-06	-2.25443	Week 8 down vs Week 1
10518358	NM_145078 // 2610305D13Rik // RIKEN cDNA 2610305D13 gene // 4 E1 // 112422 /// E	2610305D13Rik	6.02114E-08	-2.25413	Week 8 down vs Week 1
10369690	NM_027384 // Tet1 // tet oncogene 1 // 10 B4|10 32.0 cM // 52463 /// ENSMUST0000	Tet1	1.00459E-09	-2.25363	Week 8 down vs Week 1
10398390	---		2.15177E-06	-2.25312	Week 8 down vs Week 1
10340255	---		4.25513E-05	-2.25245	Week 8 down vs Week 1
10555303	NM_027629 // Pgm2l1 // phosphoglucomutase 2-like 1 // 7 F1 // 70974 /// ENSMUST0	Pgm2l1	2.67624E-06	-2.25191	Week 8 down vs Week 1
10342441	---		0.00104893	-2.25177	Week 8 down vs Week 1
10579543	NM_145598 // Nxnl1 // nucleoredoxin-like 1 // 8 B3.3 // 234404 /// BC021911 // N	Nxnl1	0.000129453	-2.25172	Week 8 down vs Week 1
10514088	NM_177863 // Frem1 // Fras1 related extracellular matrix protein 1 // 4 C3 // 32	Frem1	3.61159E-07	-2.25105	Week 8 down vs Week 1
10533055	NM_026886 // 1500001A10Rik // RIKEN cDNA 1500001A10 gene // 5 F // 68955 /// ENS	1500001A10Rik	0.000017822	-2.25098	Week 8 down vs Week 1
10339577	---		2.12239E-05	-2.25067	Week 8 down vs Week 1
10338153	---		0.0114826	-2.25055	Week 8 down vs Week 1
10554863	NM_001040085 // Sytl2 // synaptotagmin-like 2 // 7 E1 // 83671 /// NM_031394 //	Sytl2	0.000578924	-2.24977	Week 8 down vs Week 1
10455128	NM_053145 // Pcdhb20 // protocadherin beta 20 // 18 B3 // 93891 /// AF326313 //	Pcdhb20	6.73113E-08	-2.24969	Week 8 down vs Week 1
10531201	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	5.75684E-05	-2.24965	Week 8 down vs Week 1
10528031	---		1.72444E-05	-2.24929	Week 8 down vs Week 1
10338355	---		0.0130258	-2.2481	Week 8 down vs Week 1
10497689	NM_013531 // Gnb4 // guanine nucleotide binding protein (G protein), beta 4 // 3	Gnb4	2.16185E-06	-2.24805	Week 8 down vs Week 1
10439362	NM_172440 // Stxbp5l // syntaxin binding protein 5-like // 16 B3 // 207227 /// N	Stxbp5l	7.11221E-05	-2.24783	Week 8 down vs Week 1
10400321	NM_134054 // 1110002B05Rik // RIKEN cDNA 1110002B05 gene // 12 C1 // 104725 ///	1110002B05Rik	7.16983E-10	-2.24735	Week 8 down vs Week 1
10497051	NM_001039094 // Negr1 // neuronal growth regulator 1 // 3 H4 // 320840 /// NM_17	Negr1	1.48914E-06	-2.2459	Week 8 down vs Week 1
10487033	NM_001162417 // Myef2 // myelin basic protein expression factor 2, repressor //	Myef2	1.60915E-06	-2.24496	Week 8 down vs Week 1
10499138	NM_027539 // Dclk2 // doublecortin-like kinase 2 // 3 F1 // 70762 /// ENSMUST000	Dclk2	7.07214E-08	-2.24464	Week 8 down vs Week 1
10594301	NM_175484 // Coro2b // coronin, actin binding protein, 2B // 9 B // 235431 /// E	Coro2b	3.8992E-07	-2.24426	Week 8 down vs Week 1
10338499	---		0.000839189	-2.24412	Week 8 down vs Week 1
10463737	AK144917 // Ina // internexin neuronal intermediate filament protein, alpha // 1	Ina	0.000219089	-2.24398	Week 8 down vs Week 1
10593316	---		1.26526E-07	-2.24347	Week 8 down vs Week 1

10446553	NM_013813 // Epb4.1l3 // erythrocyte protein band 4.1-like 3 // 17 E1.3|17 42.5	Epb4.1l3	2.66832E-09	-2.24136	Week 8 down vs Week 1
10503174	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	1.30327E-06	-2.24116	Week 8 down vs Week 1
10357736	NM_182716 // Nfasc // neurofascin // 1 E4|1 70.0 cM // 269116 /// NM_001160317 /	Nfasc	0.000602029	-2.24071	Week 8 down vs Week 1
10398428	---		1.87916E-07	-2.24035	Week 8 down vs Week 1
10501963	NM_011674 // Ugt8a // UDP galactosyltransferase 8A // 3 E3-F1 // 22239 /// ENSMU	Ugt8a	0.00448297	-2.24025	Week 8 down vs Week 1
10344338	---		3.26492E-06	-2.24008	Week 8 down vs Week 1
10486845	NM_001025371 // RP23-433P19.11 // serine incorporator 4 // 2 E5 // 574418 /// NM	RP23-433P19.11	7.93148E-05	-2.23766	Week 8 down vs Week 1
10479950	NM_001110231 // Cugbp2 // CUG triplet repeat, RNA binding protein 2 // 2 A2-A3 /	Cugbp2	3.65818E-09	-2.2375	Week 8 down vs Week 1
10406452	AY344585 // Gm10759 // predicted gene 10759 // --- // 100126879	Gm10759	7.25125E-06	-2.23744	Week 8 down vs Week 1
10338976	---		0.000146236	-2.237	Week 8 down vs Week 1
10394498	NM_172470 // Wdr35 // WD repeat domain 35 // 12 A1.3 // 74682 /// NM_001159527 /	Wdr35	9.35236E-07	-2.23682	Week 8 down vs Week 1
10343977	---		0.000144089	-2.23629	Week 8 down vs Week 1
10344575	---		0.000573199	-2.2361	Week 8 down vs Week 1
10595622	---		3.18592E-07	-2.23571	Week 8 down vs Week 1
10595636	---		3.18592E-07	-2.23571	Week 8 down vs Week 1
10376245	NM_001113325 // Gria1 // glutamate receptor, ionotropic, AMPA1 (alpha 1) // 11 B	Gria1	0.00060559	-2.23554	Week 8 down vs Week 1
10471555	NM_011923 // Angptl2 // angiopoietin-like 2 // 2 B // 26360 /// ENSMUST000000042	Angptl2	0.000161195	-2.23353	Week 8 down vs Week 1
10521927	NM_144517 // Tbc1d19 // TBC1 domain family, member 19 // 5 C1 // 67249 /// ENSMU	Tbc1d19	3.07786E-08	-2.23353	Week 8 down vs Week 1
10487040	NM_007993 // Fbn1 // fibrillin 1 // 2 F|2 71.0 cM // 14118 /// ENSMUST0000010323	Fbn1	0.0010754	-2.23351	Week 8 down vs Week 1
10458767	NM_178872 // Trim36 // tripartite motif-containing 36 // 18 C|18 22.0 cM // 2810	Trim36	0.000383724	-2.2332	Week 8 down vs Week 1
10413461	NM_177814 // Erc2 // ELKS/RAB6-interacting/CAST family member 2 // 14 A3|14 8.0	Erc2	1.06285E-06	-2.23263	Week 8 down vs Week 1
10539080	NM_011375 // St3gal5 // ST3 beta-galactoside alpha-2,3-sialyltransferase 5 // 6	St3gal5	1.20957E-06	-2.23258	Week 8 down vs Week 1
10462887	NM_033614 // Pde6c // phosphodiesterase 6C, cGMP specific, cone, alpha prime //	Pde6c	3.22636E-05	-2.23252	Week 8 down vs Week 1
10340258	---		0.000015851	-2.23157	Week 8 down vs Week 1
10451547	XM_001480078 // Gm16494 // predicted gene 16494 // 17 C|17 // 100043385	Gm16494	1.29859E-06	-2.23114	Week 8 down vs Week 1
10607225	NM_001081173 // Lrch2 // leucine-rich repeats and calponin homology (CH) domain	Lrch2	2.99346E-09	-2.23108	Week 8 down vs Week 1
10395831	NM_001037756 // Brms1l // breast cancer metastasis-suppressor 1-like // 12 C1|12	Brms1l	7.15335E-10	-2.23099	Week 8 down vs Week 1
10505931	NM_026319 // Ift74 // intraflagellar transport 74 homolog (Chlamydomonas) // 4 C	Ift74	2.85219E-09	-2.23096	Week 8 down vs Week 1
10594066	NM_010729 // Loxl1 // lysyl oxidase-like 1 // 9 B|9 33.0 cM // 16949 /// ENSMUST	Loxl1	0.000185431	-2.23077	Week 8 down vs Week 1
10485948	NM_011824 // Grem1 // gremlin 1 // 2 E4|2 64.5 cM // 23892 /// ENSMUST0000009957	Grem1	0.000760705	-2.23013	Week 8 down vs Week 1
10358991	AK129406 // BC034090 // cDNA sequence BC034090 // 1 G3 // 207792 /// ENSMUST0000	BC034090	1.61047E-06	-2.22964	Week 8 down vs Week 1
10462435	NM_029993 // Mlana // melan-A // 19 C2|19 24.5 cM // 77836 /// ENSMUST0000002571	Mlana	0.00113155	-2.22942	Week 8 down vs Week 1
10407072	NM_029001 // Elovl7 // ELOVL family member 7, elongation of long chain fatty aci	Elovl7	1.74556E-05	-2.22878	Week 8 down vs Week 1
10596583	NM_153413 // Dock3 // dedicator of cyto-kinesis 3 // 9 F1 // 208869 /// ENSMUST0	Dock3	1.04121E-06	-2.22871	Week 8 down vs Week 1
10530692	NM_010612 // Kdr // kinase insert domain protein receptor // 5 C3.3|5 42.0 cM //	Kdr	0.00306527	-2.2273	Week 8 down vs Week 1
10341813	---		0.0129042	-2.22663	Week 8 down vs Week 1
10398384	---		2.47287E-07	-2.2261	Week 8 down vs Week 1
10338536	---		0.00007123	-2.22545	Week 8 down vs Week 1
10549760	BC066001 // Zfp580 // zinc finger protein 580 // 7 A1 // 68992 /// ENSMUST000000	Zfp580	6.04695E-10	-2.22508	Week 8 down vs Week 1
10413874	NM_001081130 // Ogdhl // oxoglutarate dehydrogenase-like // 14 B // 239017 /// E	Ogdhl	1.20504E-07	-2.22458	Week 8 down vs Week 1
10586118	NM_138304 // Calml4 // calmodulin-like 4 // 9 B // 75600 /// NM_001102468 // Cal	Calml4	2.92159E-08	-2.22408	Week 8 down vs Week 1
10342635	---		4.70582E-05	-2.2231	Week 8 down vs Week 1
10403193	NM_009239 // Sp4 // trans-acting transcription factor 4 // 12 F2|12 60.0 cM // 2	Sp4	1.66206E-06	-2.22278	Week 8 down vs Week 1
10501608	NM_011693 // Vcam1 // vascular cell adhesion molecule 1 // 3 G1|3 50.8 cM // 223	Vcam1	9.40886E-07	-2.22263	Week 8 down vs Week 1
10338970	---		0.000118289	-2.22183	Week 8 down vs Week 1
10341656	---		0.000127032	-2.22137	Week 8 down vs Week 1
10366337	NM_001146707 // Nap1l1 // nucleosome assembly protein 1-like 1 // 10 D1|10 60.0	Nap1l1	1.12163E-06	-2.22064	Week 8 down vs Week 1
10375261	NM_008070 // Gabrb2 // gamma-aminobutyric acid (GABA) A receptor, subunit beta 2	Gabrb2	6.29616E-06	-2.21996	Week 8 down vs Week 1
10343457	---		2.70939E-06	-2.21993	Week 8 down vs Week 1
10340419	---		5.07662E-05	-2.21983	Week 8 down vs Week 1
10398358	---		2.73483E-08	-2.21934	Week 8 down vs Week 1
10441195	NM_031174 // Dscam // Down syndrome cell adhesion molecule // 16 C|16 70.5 cM //	Dscam	9.01663E-05	-2.21927	Week 8 down vs Week 1
10338936	---		0.00020442	-2.21878	Week 8 down vs Week 1
10396094	NM_027117 // Klhdc2 // kelch domain containing 2 // 12 C3|12 30.0 cM // 69554 //	Klhdc2	2.58536E-08	-2.21839	Week 8 down vs Week 1
10591139	NM_028279 // Naalad2 // N-acetylated alpha-linked acidic dipeptidase 2 // 9 A3|9	Naalad2	3.95852E-05	-2.21817	Week 8 down vs Week 1
10341451	---		0.00381518	-2.21792	Week 8 down vs Week 1
10476594	NM_001013802 // Macrod2 // MACRO domain containing 2 // 2 F3 // 72899 /// ENSMUS	Macrod2	8.3118E-07	-2.21724	Week 8 down vs Week 1
10580829	BC045114 // Cngb1 // cyclic nucleotide gated channel beta 1 // 8 D1 // 333329 //	Cngb1	0.0017794	-2.21633	Week 8 down vs Week 1
10341571	---		0.00241222	-2.21612	Week 8 down vs Week 1
10354309	NM_007737 // Col5a2 // collagen, type V, alpha 2 // 1 C1 // 12832 /// ENSMUST000	Col5a2	3.32592E-05	-2.21561	Week 8 down vs Week 1
10536216	NM_025331 // Gng11 // guanine nucleotide binding protein (G protein), gamma 11 /	Gng11	1.15774E-07	-2.2154	Week 8 down vs Week 1
10352781	NM_023727 // Rd3 // retinal degeneration 3 // 1 H6 // 74023 /// ENSMUST000000534	Rd3	0.000160469	-2.21539	Week 8 down vs Week 1
10468452	NM_021377 // Sorcs1 // VPS10 domain receptor protein SORCS 1 // 19 D2|19 51.0 cM	Sorcs1	8.01743E-07	-2.21538	Week 8 down vs Week 1
10431326	NM_133241 // Mlc1 // megalencephalic leukoencephalopathy with subcortical cysts	Mlc1	0.00294102	-2.21534	Week 8 down vs Week 1
10360349	NM_053199 // Cadm3 // cell adhesion molecule 3 // 1 H3 // 94332 /// ENSMUST00000	Cadm3	2.36556E-05	-2.21513	Week 8 down vs Week 1

10341517	---		0.00241622	-2.21491	Week 8 down vs Week 1
10342699	---		0.00386214	-2.21457	Week 8 down vs Week 1
10607499	NM_011077 // Phex // phosphate regulating gene with homologies to endopeptidases	Phex	3.26837E-07	-2.21451	Week 8 down vs Week 1
10338281	---		5.30954E-07	-2.21401	Week 8 down vs Week 1
10496756	NM_134160 // Mcoln3 // mucolipin 3 // 3 H2|3 74.8 cM // 171166 /// ENSMUST000000	Mcoln3	0.000001278	-2.2136	Week 8 down vs Week 1
10428579	NM_010162 // Ext1 // exostoses (multiple) 1 // 15 C|15 26.55 cM // 14042 /// ENS	Ext1	2.80015E-09	-2.21348	Week 8 down vs Week 1
10342543	---		0.000114522	-2.21326	Week 8 down vs Week 1
10396161	NM_028339 // Tmx1 // thioredoxin-related transmembrane protein 1 // 12 C2 // 727	Tmx1	4.49179E-07	-2.2132	Week 8 down vs Week 1
10338872	---		0.000151523	-2.21228	Week 8 down vs Week 1
10565514	NM_025460 // Tmem126a // transmembrane protein 126A // 7 E1 // 66271 /// ENSMUST	Tmem126a	1.3937E-08	-2.21187	Week 8 down vs Week 1
10436600	---		2.04112E-05	-2.21113	Week 8 down vs Week 1
10508936	NM_026257 // Ubxn11 // UBX domain protein 11 // 4 D3|4 65.7 cM // 67586 /// ENSM	Ubxn11	6.54623E-05	-2.21054	Week 8 down vs Week 1
10342932	---		1.62414E-08	-2.20888	Week 8 down vs Week 1
10485013	BC085239 // 1110051M20Rik // RIKEN cDNA 1110051M20 gene // 2 E1 // 228356 /// NM	1110051M20Rik	1.95672E-08	-2.20868	Week 8 down vs Week 1
10340704	---		2.93667E-05	-2.20741	Week 8 down vs Week 1
10400470	NM_053071 // Cox6c // cytochrome c oxidase, subunit VIc // 15 B3.3 // 12864 ///	Cox6c	3.91598E-10	-2.20703	Week 8 down vs Week 1
10341109	---		0.000836546	-2.2066	Week 8 down vs Week 1
10338808	---		0.000317697	-2.20642	Week 8 down vs Week 1
10544875	NM_027268 // Scrn1 // secernin 1 // 6 B3 // 69938 /// ENSMUST00000019268 // Scrn	Scrn1	3.0037E-08	-2.20585	Week 8 down vs Week 1
10338376	---		0.00107973	-2.20439	Week 8 down vs Week 1
10503182	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	9.57843E-07	-2.20313	Week 8 down vs Week 1
10341082	---		8.31155E-06	-2.20301	Week 8 down vs Week 1
10469255	NM_008859 // Prkcq // protein kinase C, theta // 2 A1|2 2.0 cM // 18761 /// ENSM	Prkcq	5.65017E-05	-2.2029	Week 8 down vs Week 1
10342986	---		4.97163E-05	-2.20281	Week 8 down vs Week 1
10472376	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	4.33096E-06	-2.20269	Week 8 down vs Week 1
10343755	---		0.000561732	-2.2025	Week 8 down vs Week 1
10338598	---		0.00611299	-2.20151	Week 8 down vs Week 1
10542959	NM_009748 // Bet1 // blocked early in transport 1 homolog (S. cerevisiae) // 6 A	Bet1	1.52412E-06	-2.20006	Week 8 down vs Week 1
10339276	---		0.000765801	-2.19995	Week 8 down vs Week 1
10445071	NM_001013745 // Zfp57 // zinc finger protein 57 // 17 B3|17 // 22715 /// NM_0095	Zfp57	1.0129E-09	-2.19983	Week 8 down vs Week 1
10339938	---		0.00259874	-2.19936	Week 8 down vs Week 1
10419261	NM_007554 // Bmp4 // bone morphogenetic protein 4 // 14 C1|14 15.0 cM // 12159 /	Bmp4	1.18616E-05	-2.19902	Week 8 down vs Week 1
10519770	NM_011995 // Pclo // piccolo (presynaptic cytomatrix protein) // --- // 26875 //	Pclo	0.000122339	-2.19879	Week 8 down vs Week 1
10469322	NM_011701 // Vim // vimentin // 2 A2|2 7.0 cM // 22352 /// ENSMUST00000028062 //	Vim	4.07632E-05	-2.19873	Week 8 down vs Week 1
10389797	NM_011505 // Stxbp4 // syntaxin binding protein 4 // 11 C // 20913 /// ENSMUST00	Stxbp4	9.73337E-09	-2.19828	Week 8 down vs Week 1
10342953	---		0.000243938	-2.19795	Week 8 down vs Week 1
10484207	NM_001025576 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545428 //	2610301F02Rik	3.45148E-06	-2.19729	Week 8 down vs Week 1
10603066	NM_027286 // Ace2 // angiotensin I converting enzyme (peptidyl-dipeptidase A) 2	Ace2	0.000322989	-2.19634	Week 8 down vs Week 1
10422022	ENSMUST00000100344 // Gm10843 // predicted gene 10843 // --- // 100038742	Gm10843	1.75486E-09	-2.19611	Week 8 down vs Week 1
10339784	---		0.000492099	-2.19607	Week 8 down vs Week 1
10407481	NM_019703 // Pfkp // phosphofructokinase, platelet // 13 A1 // 56421 /// ENSMUST	Pfkp	5.96653E-06	-2.19601	Week 8 down vs Week 1
10591116	NM_001080814 // Fat3 // FAT tumor suppressor homolog 3 (Drosophila) // 9 A2 // 2	Fat3	2.56364E-06	-2.1955	Week 8 down vs Week 1
10340405	---		9.56608E-05	-2.19515	Week 8 down vs Week 1
10340433	---		7.10225E-05	-2.19472	Week 8 down vs Week 1
10381115	NM_011508 // Eif1 // eukaryotic translation initiation factor 1 // 11 D // 20918	Eif1	3.449E-11	-2.19445	Week 8 down vs Week 1
10351455	NM_009063 // Rgs5 // regulator of G-protein signaling 5 // 1 H2|1 86.5 cM // 197	Rgs5	0.00695216	-2.19441	Week 8 down vs Week 1
10341979	---		5.81874E-06	-2.19278	Week 8 down vs Week 1
10339682	---		0.00112737	-2.19208	Week 8 down vs Week 1
10338426	---		8.47041E-06	-2.19183	Week 8 down vs Week 1
10592802	NM_027909 // C2cd2l // C2 calcium-dependent domain containing 2-like // 9 B // 7	C2cd2l	4.80219E-05	-2.19176	Week 8 down vs Week 1
10339269	---		0.000107326	-2.19159	Week 8 down vs Week 1
10584600	---		8.77106E-06	-2.19088	Week 8 down vs Week 1
10472598	NM_177784 // Klhl23 // kelch-like 23 (Drosophila) // 2 C2 // 277396 /// ENSMUST0	Klhl23	1.47601E-09	-2.19072	Week 8 down vs Week 1
10350473	NM_020025 // B3galt2 // UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polyp	B3galt2	3.80818E-06	-2.18921	Week 8 down vs Week 1
10472378	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	1.15528E-06	-2.18912	Week 8 down vs Week 1
10496192	NM_021382 // Tacr3 // tachykinin receptor 3 // 3 H2 // 21338 /// ENSMUST00000029	Tacr3	0.00231121	-2.18843	Week 8 down vs Week 1
10341077	---		0.000045573	-2.18797	Week 8 down vs Week 1
10341796	---		0.000187664	-2.18791	Week 8 down vs Week 1
10436666	NM_023844 // Jam2 // junction adhesion molecule 2 // 16 C3.3 // 67374 /// ENSMUS	Jam2	2.75229E-05	-2.18791	Week 8 down vs Week 1
10340061	---		0.000136267	-2.1871	Week 8 down vs Week 1
10398442	---		9.74197E-06	-2.18633	Week 8 down vs Week 1
10600797	NR_004438 // Apoo-ps // apolipoprotein O, pseudogene // 13 D2.1 // 621156 /// NM	Apoo-ps	2.54397E-10	-2.18612	Week 8 down vs Week 1
10532784	NM_026805 // Svop // SV2 related protein // 5 F // 68666 /// ENSMUST00000058472	Svop	0.000238675	-2.18589	Week 8 down vs Week 1
10528038	NM_001007220 // Adam22 // a disintegrin and metallopeptidase domain 22 // 5 A1|5	Adam22	5.59158E-07	-2.18588	Week 8 down vs Week 1
10406953	NM_030731 // Trim23 // tripartite motif-containing 23 // 13 D1 // 81003 /// ENSM	Trim23	2.24591E-08	-2.18584	Week 8 down vs Week 1

10341406	---		0.000381353	-2.18492	Week 8 down vs Week 1
10338845	---		0.000370046	-2.18476	Week 8 down vs Week 1
10607562	NM_177751 // Cnksr2 // connector enhancer of kinase suppressor of Ras 2 // X F4	Cnksr2	2.34671E-08	-2.18443	Week 8 down vs Week 1
10423556	NM_018755 // Pgcp // plasma glutamate carboxypeptidase // 15 B3.2 // 54381 /// N	Pgcp	2.64609E-06	-2.1825	Week 8 down vs Week 1
10586250	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	1.28654E-07	-2.18204	Week 8 down vs Week 1
10455088	NM_053136 // Pcdhb11 // protocadherin beta 11 // 18 B3 // 93882 /// ENSMUST00000	Pcdhb11	7.89118E-07	-2.17941	Week 8 down vs Week 1
10371627	NM_175418 // Mybpc1 // myosin binding protein C, slow-type // 10 C1 // 109272 //	Mybpc1	0.0210269	-2.17898	Week 8 down vs Week 1
10358057	NM_175259 // Shisa4 // shisa homolog 4 (Xenopus laevis) // 1 E4 // 77552 /// ENS	Shisa4	3.45577E-06	-2.17892	Week 8 down vs Week 1
10391084	NM_010404 // Hap1 // huntingtin-associated protein 1 // 11 D|11 60.0 cM // 15114	Hap1	8.86593E-07	-2.17887	Week 8 down vs Week 1
10473779	ENSMUST00000111449 // Cugbp1 // CUG triplet repeat, RNA binding protein 1 // 2 E	Cugbp1	1.2845E-11	-2.17842	Week 8 down vs Week 1
10362458	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0051262	-2.17798	Week 8 down vs Week 1
10585956	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	4.05545E-06	-2.17792	Week 8 down vs Week 1
10338345	---		0.00162429	-2.17713	Week 8 down vs Week 1
10344010	---		2.86867E-09	-2.17627	Week 8 down vs Week 1
10446334	NM_133236 // Glcci1 // glucocorticoid induced transcript 1 // 6 A1 // 170772 ///	Glcci1	1.85845E-06	-2.17484	Week 8 down vs Week 1
10338502	---		0.000128128	-2.17326	Week 8 down vs Week 1
10394209	NM_007872 // Dnmt3a // DNA methyltransferase 3A // 12 A2-A3 // 13435 /// NM_1537	Dnmt3a	7.45835E-09	-2.17316	Week 8 down vs Week 1
10604226	NM_021550 // C1galt1c1 // C1GALT1-specific chaperone 1 // X A2 // 59048 /// ENSM	C1galt1c1	1.04019E-08	-2.17281	Week 8 down vs Week 1
10449971	NM_028543 // Zfp763 // zinc finger protein 763 // 17 B1 // 73451 /// ENSMUST0000	Zfp763	2.02101E-07	-2.17226	Week 8 down vs Week 1
10410995	NM_009027 // Rasgrf2 // RAS protein-specific guanine nucleotide-releasing factor	Rasgrf2	0.00047005	-2.17212	Week 8 down vs Week 1
10344542	---		4.30496E-09	-2.16957	Week 8 down vs Week 1
10344432	---		0.000182853	-2.16912	Week 8 down vs Week 1
10389625	---		4.5895E-06	-2.16877	Week 8 down vs Week 1
10467842	NM_010324 // Got1 // glutamate oxaloacetate transaminase 1, soluble // 19 C3|19	Got1	7.96986E-06	-2.16833	Week 8 down vs Week 1
10412207	NM_027127 // Gpx8 // glutathione peroxidase 8 (putative) // 13 D2.2 // 69590 ///	Gpx8	1.53058E-06	-2.16757	Week 8 down vs Week 1
10344242	---		3.97753E-05	-2.16753	Week 8 down vs Week 1
10506050	NM_001122952 // Nfia // nuclear factor I/A // 4 C4-C6|4 45.8 cM // 18027 /// NM_	Nfia	3.58511E-08	-2.16753	Week 8 down vs Week 1
10340238	---		2.37085E-08	-2.16725	Week 8 down vs Week 1
10339998	---		0.00180632	-2.16661	Week 8 down vs Week 1
10343549	---		0.000993973	-2.16603	Week 8 down vs Week 1
10597817	NM_031161 // Cck // cholecystokinin // 9 F4|9 71.0 cM // 12424 /// ENSMUST000000	Cck	3.37383E-06	-2.16454	Week 8 down vs Week 1
10479192	NM_001100416 // OTTMUSG00000016609 // predicted gene, OTTMUSG00000016609 // 2 H4	MUSG0000001(	1.09508E-08	-2.1638	Week 8 down vs Week 1
10479195	NM_001100416 // OTTMUSG00000016609 // predicted gene, OTTMUSG00000016609 // 2 H4	MUSG0000001(	1.09508E-08	-2.1638	Week 8 down vs Week 1
10479198	NM_001101804 // Gm14434 // predicted gene 14434 // 2 H4 // 668039 /// ENSMUST000	Gm14434	1.09508E-08	-2.1638	Week 8 down vs Week 1
10490273	NM_001099327 // 100043387 // predicted gene, 100043387 // 2 H4|2 // 100043387 //	100043387	1.09508E-08	-2.1638	Week 8 down vs Week 1
10346015	NM_009930 // Col3a1 // collagen, type III, alpha 1 // 1 C1.1|1 25.0 cM // 12825	Col3a1	0.000450966	-2.16308	Week 8 down vs Week 1
10339263	---		0.00122208	-2.16304	Week 8 down vs Week 1
10424559	NM_010158 // Khdrbs3 // KH domain containing, RNA binding, signal transduction a	Khdrbs3	9.35526E-08	-2.16178	Week 8 down vs Week 1
10485070	NM_010784 // Mdk // midkine // 2 E1|2 53.0 cM // 17242 /// NM_001012335 // Mdk /	Mdk	4.88098E-06	-2.16127	Week 8 down vs Week 1
10343415	---		7.52384E-06	-2.16085	Week 8 down vs Week 1
10507594	NM_011400 // Slc2a1 // solute carrier family 2 (facilitated glucose transporter)	Slc2a1	1.93337E-05	-2.16084	Week 8 down vs Week 1
10343671	---		0.000702579	-2.16044	Week 8 down vs Week 1
10338560	---		0.00101729	-2.16042	Week 8 down vs Week 1
10574438	NM_009868 // Cdh5 // cadherin 5 // 8 D3|8 51.0 cM // 12562 /// ENSMUST0000003433	Cdh5	0.00261856	-2.16006	Week 8 down vs Week 1
10472402	NM_001099298 // Scn2a1 // sodium channel, voltage-gated, type II, alpha 1 // 2 C	Scn2a1	5.03671E-06	-2.15999	Week 8 down vs Week 1
10343666	---		0.00002089	-2.15967	Week 8 down vs Week 1
10520043	NM_029990 // Lhfpl3 // lipoma HMGIC fusion partner-like 3 // 5 A3 // 269629 ///	Lhfpl3	8.45112E-05	-2.15881	Week 8 down vs Week 1
10495259	NM_008141 // Gnat2 // guanine nucleotide binding protein, alpha transducing 2 //	Gnat2	0.00120057	-2.15881	Week 8 down vs Week 1
10343889	---		1.66858E-05	-2.15801	Week 8 down vs Week 1
10394674	NM_007706 // Socs2 // suppressor of cytokine signaling 2 // 10 C2|10 52.0 cM //	Socs2	1.66916E-05	-2.15726	Week 8 down vs Week 1
10344121	---		0.0164219	-2.1568	Week 8 down vs Week 1
10367173	NM_008600 // Mip // major intrinsic protein of eye lens fiber // 10 D1|10 74.0 c	Mip	0.00314928	-2.15661	Week 8 down vs Week 1
10340184	---		2.92625E-05	-2.15638	Week 8 down vs Week 1
10339486	---		0.00107226	-2.15638	Week 8 down vs Week 1
10533504	NM_009879 // Ift81 // intraflagellar transport 81 homolog (Chlamydomonas) // 5 F	Ift81	2.45469E-09	-2.1563	Week 8 down vs Week 1
10599962	NM_001081354 // Mamld1 // mastermind-like domain containing 1 // X A7.2 // 33363	Mamld1	1.1928E-07	-2.15589	Week 8 down vs Week 1
10352756	NM_001134829 // Lpgat1 // lysophosphatidylglycerol acyltransferase 1 // 1 H6 //	Lpgat1	8.54005E-08	-2.15574	Week 8 down vs Week 1
10473444	NM_011784 // Aplnr // apelin receptor // 2 E1 // 23796 /// ENSMUST00000057019 //	Aplnr	2.67265E-07	-2.15443	Week 8 down vs Week 1
10377055	NM_001039545 // Myh2 // myosin, heavy polypeptide 2, skeletal muscle, adult // 1	Myh2	0.0226987	-2.15319	Week 8 down vs Week 1
10493189	BC040217 // Mef2d // myocyte enhancer factor 2D // 3 F1|3 43.0 cM // 17261	Mef2d	4.41017E-08	-2.15281	Week 8 down vs Week 1
10343470	---		2.86343E-05	-2.15209	Week 8 down vs Week 1
10358623	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	2.53989E-05	-2.15136	Week 8 down vs Week 1
10567219	NM_019419 // Arl6ip1 // ADP-ribosylation factor-like 6 interacting protein 1 //	Arl6ip1	4.86049E-06	-2.15133	Week 8 down vs Week 1
10413657	NM_029626 // Glt8d1 // glycosyltransferase 8 domain containing 1 // 14 B // 7648	Glt8d1	8.80364E-09	-2.15096	Week 8 down vs Week 1
10339135	---		0.000014913	-2.15047	Week 8 down vs Week 1

10492628	NM_009250 // Serpini1 // serine (or cysteine) peptidase inhibitor, clade I, memb	Serpini1	8.35536E-05	-2.1498	Week 8 down vs Week 1
10340909	---		0.0187231	-2.14935	Week 8 down vs Week 1
10344026	---		0.000205992	-2.14874	Week 8 down vs Week 1
10579976	NM_178736 // Elmod2 // ELMO domain containing 2 // 8 C2 // 244548 /// ENSMUST000	Elmod2	3.02964E-07	-2.14869	Week 8 down vs Week 1
10413492	NM_176920 // Lrtm1 // leucine-rich repeats and transmembrane domains 1 // 14 A3	Lrtm1	1.39802E-05	-2.14861	Week 8 down vs Week 1
10361270	NM_010778 // Cd46 // CD46 antigen, complement regulatory protein // 1 H6|1 106.6	Cd46	8.045E-11	-2.14833	Week 8 down vs Week 1
10340879	---		0.00107355	-2.14796	Week 8 down vs Week 1
10339055	---		1.51345E-07	-2.14786	Week 8 down vs Week 1
10340660	---		0.000181073	-2.14741	Week 8 down vs Week 1
10371277	BC040349 // B230315N10Rik // RIKEN cDNA B230315N10 gene // 10 C1|10 // 237411 //	B230315N10Rik	2.1446E-11	-2.14737	Week 8 down vs Week 1
10453555	NM_153780 // 2610044O15Rik // RIKEN cDNA 2610044O15 gene // --- // 72139 /// BC0	2610044O15Rik	0.000200646	-2.14692	Week 8 down vs Week 1
10543120	NM_010492 // Ica1 // islet cell autoantigen 1 // 6 A1-A2|6 2.9 cM // 15893 /// E	Ica1	2.80486E-07	-2.14565	Week 8 down vs Week 1
10427428	NM_145930 // AW549877 // expressed sequence AW549877 // 15 A1 // 106064 /// ENSM	AW549877	5.09836E-07	-2.14558	Week 8 down vs Week 1
10578222	NM_015802 // Dlc1 // deleted in liver cancer 1 // 8 A4-B2|8 21.0 cM // 50768 ///	Dlc1	8.69403E-05	-2.14526	Week 8 down vs Week 1
10563077	NM_026555 // Rcn3 // reticulocalbin 3, EF-hand calcium binding domain // 7 B4|7	Rcn3	0.00106853	-2.14499	Week 8 down vs Week 1
10460127	NM_001039173 // Dok6 // docking protein 6 // 18 E4 // 623279 /// ENSMUST00000097	Dok6	1.7618E-06	-2.14477	Week 8 down vs Week 1
10343007	---		0.00307527	-2.1444	Week 8 down vs Week 1
10370544	BC082302 // 2610008E11Rik // RIKEN cDNA 2610008E11 gene // 10 C1 // 72128 /// EN	2610008E11Rik	2.00909E-08	-2.14415	Week 8 down vs Week 1
10376950	NM_008885 // Pmp22 // peripheral myelin protein 22 // 11 B3|11 34.45 cM // 18858	Pmp22	0.000199117	-2.14364	Week 8 down vs Week 1
10371916	ENSMUST00000067705 // 4930485B16Rik // RIKEN cDNA 4930485B16 gene // 10 C2 // 38	4930485B16Rik	0.000556983	-2.14349	Week 8 down vs Week 1
10590383	NM_026794 // Deb1 // differentially expressed in B16F10 1 // 9 F4 // 26901 /// E	Deb1	9.6781E-11	-2.14327	Week 8 down vs Week 1
10340289	---		0.00194593	-2.14317	Week 8 down vs Week 1
10605820	NM_001003916 // Zc4h2 // zinc finger, C4H2 domain containing // X C3 // 245522 /	Zc4h2	7.97039E-09	-2.14313	Week 8 down vs Week 1
10437174	NM_207301 // Wrb // tryptophan rich basic protein // 16 C4 // 71446 /// ENSMUST0	Wrb	1.20726E-08	-2.14312	Week 8 down vs Week 1
10338381	---		2.01925E-05	-2.14257	Week 8 down vs Week 1
10485580	NM_145529 // Cstf3 // cleavage stimulation factor, 3' pre-RNA, subunit 3 // 2 E2	Cstf3	2.25768E-07	-2.14153	Week 8 down vs Week 1
10341893	---		1.09955E-05	-2.14127	Week 8 down vs Week 1
10567546	NM_016669 // Crym // crystallin, mu // 7 F2|7 55.0 cM // 12971 /// ENSMUST000000	Crym	4.18065E-06	-2.14122	Week 8 down vs Week 1
10342023	---		9.60888E-07	-2.14072	Week 8 down vs Week 1
10524082	ENSMUST00000112540 // 2310001H12Rik // RIKEN cDNA 2310001H12 gene // 5 F // 6950	2310001H12Rik	1.73816E-06	-2.14072	Week 8 down vs Week 1
10563829	NM_010270 // Mrps33 // mitochondrial ribosomal protein S33 // 6 B4|6 // 14548 //	Mrps33	6.46027E-08	-2.14069	Week 8 down vs Week 1
10343167	---		6.64417E-08	-2.14036	Week 8 down vs Week 1
10503416	NM_009788 // Calb1 // calbindin 1 // 4 A2|4 10.5 cM // 12307 /// ENSMUST00000029	Calb1	0.000288134	-2.13966	Week 8 down vs Week 1
10344059	---		2.13696E-05	-2.13941	Week 8 down vs Week 1
10586254	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442 /// E	Dennd4a	8.113E-09	-2.13819	Week 8 down vs Week 1
10467124	NM_007392 // Acta2 // actin, alpha 2, smooth muscle, aorta // 19 C3 // 11475 ///	Acta2	0.0112525	-2.13768	Week 8 down vs Week 1
10395702	NM_198111 // Akap6 // A kinase (PRKA) anchor protein 6 // 12 C1 // 238161 /// EN	Akap6	2.84485E-05	-2.13734	Week 8 down vs Week 1
10468287	NM_023211 // Usmg5 // upregulated during skeletal muscle growth 5 // 19 D2 // 66	Usmg5	2.38196E-07	-2.13726	Week 8 down vs Week 1
10342598	---		0.000266461	-2.13722	Week 8 down vs Week 1
10346764	NM_198127 // Abi2 // abl-interactor 2 // 1 C2 // 329165 /// ENSMUST00000052332 /	Abi2	1.08893E-07	-2.13713	Week 8 down vs Week 1
10341580	---		1.61537E-07	-2.13694	Week 8 down vs Week 1
10462281	NM_013703 // Vldlr // very low density lipoprotein receptor // 19 C1|19 20.0 cM	Vldlr	9.09258E-06	-2.13666	Week 8 down vs Week 1
10402752	NM_027360 // 2010107E04Rik // RIKEN cDNA 2010107E04 gene // 12 F1 // 70257 /// E	2010107E04Rik	2.24686E-10	-2.13648	Week 8 down vs Week 1
10521243	NM_019497 // Grk4 // G protein-coupled receptor kinase 4 // 5 B2|5 20.0 cM // 14	Grk4	9.871E-12	-2.13605	Week 8 down vs Week 1
10587107	NM_010864 // Myo5a // myosin VA // 9 D|9 42.0 cM // 17918 /// ENSMUST00000036772	Myo5a	0.00222923	-2.13603	Week 8 down vs Week 1
10362490	NM_030203 // Tspyl4 // TSPY-like 4 // 10 B1|10 22.0 cM // 72480 /// ENSMUST00000	Tspyl4	5.07973E-06	-2.13601	Week 8 down vs Week 1
10343811	---		2.72384E-05	-2.13599	Week 8 down vs Week 1
10358563	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000160441	-2.13571	Week 8 down vs Week 1
10455054	NM_053128 // Pcdhb3 // protocadherin beta 3 // --- // 93874 /// ENSMUST000000517	Pcdhb3	4.07532E-06	-2.13563	Week 8 down vs Week 1
10339966	---		2.26758E-05	-2.1349	Week 8 down vs Week 1
10338538	---		6.00786E-05	-2.13488	Week 8 down vs Week 1
10360344	NM_010045 // Darc // Duffy blood group, chemokine receptor // 1 H3|1 94.0 cM //	Darc	3.26274E-07	-2.13425	Week 8 down vs Week 1
10342040	---		0.00676369	-2.13403	Week 8 down vs Week 1
10340034	---		7.18361E-07	-2.13258	Week 8 down vs Week 1
10427997	NM_027496 // Ankrd33b // ankyrin repeat domain 33B // 15 B3.2 // 67434 /// NM_02	Ankrd33b	4.60536E-05	-2.13239	Week 8 down vs Week 1
10341054	---		0.00120733	-2.13215	Week 8 down vs Week 1
10341756	---		0.000351456	-2.13075	Week 8 down vs Week 1
10398414	---		5.86633E-08	-2.13072	Week 8 down vs Week 1
10341305	---		0.000258229	-2.12927	Week 8 down vs Week 1
10543145	ENSMUST00000119581 // Thsd7a // thrombospondin, type I, domain containing 7A //	Thsd7a	1.40995E-06	-2.12911	Week 8 down vs Week 1
10344269	---		0.000354298	-2.12874	Week 8 down vs Week 1
10544462	BC031718 // Fam115a // family with sequence similarity 115, member A // 6 B2|6 /	Fam115a	7.58773E-08	-2.12761	Week 8 down vs Week 1
10389617	NM_177167 // Ppm1e // protein phosphatase 1E (PP2C domain containing) // 11 C //	Ppm1e	1.31586E-05	-2.12761	Week 8 down vs Week 1
10479698	NM_008665 // Myt1 // myelin transcription factor 1 // 2 H4|2 106.0 cM // 17932 /	Myt1	0.000258001	-2.12745	Week 8 down vs Week 1
10343074	---		1.49292E-05	-2.12726	Week 8 down vs Week 1

10491695	NM_001008502 // Bbs12 // Bardet-Biedl syndrome 12 (human) // 3 B // 241950 /// E	Bbs12	8.21177E-06	-2.12654	Week 8 down vs Week 1
10378848	NM_010480 // Hsp90aa1 // heat shock protein 90, alpha (cytosolic), class A membe	Hsp90aa1	1.18942E-05	-2.12613	Week 8 down vs Week 1
10368806	NM_009213 // Smpd2 // sphingomyelin phosphodiesterase 2, neutral // 10 B2 // 205	Smpd2	1.45487E-09	-2.12606	Week 8 down vs Week 1
10338902	---		0.000842877	-2.12575	Week 8 down vs Week 1
10344216	---		1.06843E-05	-2.12564	Week 8 down vs Week 1
10543572	NM_011829 // Impdh1 // inosine 5'-phosphate dehydrogenase 1 // 6 A3 // 23917 ///	Impdh1	0.000100536	-2.12523	Week 8 down vs Week 1
10601834	NM_001163015 // Gprasp2 // G protein-coupled receptor associated sorting protein	Gprasp2	8.33996E-06	-2.12487	Week 8 down vs Week 1
10572813	NM_023211 // Usmg5 // upregulated during skeletal muscle growth 5 // 19 D2 // 66	Usmg5	4.22014E-07	-2.12466	Week 8 down vs Week 1
10341789	---		0.000110157	-2.12437	Week 8 down vs Week 1
10372230	NM_008657 // Myf6 // myogenic factor 6 // 10 D1|10 59.0 cM // 17878 /// ENSMUST0	Myf6	0.0241598	-2.12372	Week 8 down vs Week 1
10384691	NM_027860 // 0610010F05Rik // RIKEN cDNA 0610010F05 gene // 11 A3.3 // 71675 ///	0610010F05Rik	4.46058E-09	-2.12364	Week 8 down vs Week 1
10573082	NM_001024617 // Inpp4b // inositol polyphosphate-4-phosphatase, type II // 8 C2|	Inpp4b	7.17216E-10	-2.12351	Week 8 down vs Week 1
10340855	---		0.000623455	-2.12329	Week 8 down vs Week 1
10369210	NM_019760 // Serinc1 // serine incorporator 1 // 10 B4 // 56442 /// ENSMUST00000	Serinc1	8.34978E-09	-2.12314	Week 8 down vs Week 1
10341144	---		0.002618	-2.12285	Week 8 down vs Week 1
10340922	---		0.00157553	-2.12229	Week 8 down vs Week 1
10340817	---		0.000480202	-2.12206	Week 8 down vs Week 1
10339044	---		0.000234931	-2.12166	Week 8 down vs Week 1
10338508	---		0.000260184	-2.12129	Week 8 down vs Week 1
10343060	---		0.000143005	-2.12063	Week 8 down vs Week 1
10497265	NM_024406 // Fabp4 // fatty acid binding protein 4, adipocyte // 3 A1|3 13.9 cM	Fabp4	0.00910791	-2.12039	Week 8 down vs Week 1
10339092	---		0.000368651	-2.11998	Week 8 down vs Week 1
10560043	NM_026046 // Zfp329 // zinc finger protein 329 // 7 A2 // 67230 /// ENSMUST00000	Zfp329	1.74678E-09	-2.11976	Week 8 down vs Week 1
10342113	---		0.000369188	-2.11943	Week 8 down vs Week 1
10517655	NM_001122954 // Pla2g5 // phospholipase A2, group V // 4 D3|4 68.0 cM // 18784 /	Pla2g5	0.000031071	-2.1193	Week 8 down vs Week 1
10453233	NM_011406 // Slc8a1 // solute carrier family 8 (sodium/calcium exchanger), membe	Slc8a1	2.92216E-10	-2.11908	Week 8 down vs Week 1
10342498	---		0.000104084	-2.1188	Week 8 down vs Week 1
10452729	BC046516 // BC027072 // cDNA sequence BC027072 // 17 E1.3 // 225004 /// BC060373	BC027072	0.00175229	-2.11736	Week 8 down vs Week 1
10341526	---		0.00263145	-2.11701	Week 8 down vs Week 1
10341179	---		0.00904164	-2.11676	Week 8 down vs Week 1
10342286	---		6.62271E-06	-2.11457	Week 8 down vs Week 1
10379410	NM_021536 // Rhot1 // ras homolog gene family, member T1 // 11 B5|11 47.26 cM //	Rhot1	2.72278E-07	-2.11452	Week 8 down vs Week 1
10341689	---		0.00035947	-2.11433	Week 8 down vs Week 1
10397683	NM_198311 // Ttc8 // tetratricopeptide repeat domain 8 // 12 E // 76260 /// NM_0	Ttc8	4.66211E-06	-2.11384	Week 8 down vs Week 1
10413989	XM_985917 // Gm626 // predicted gene 626 // 14 B // 268729 /// XM_001481294 // G	Gm626	2.22003E-05	-2.11375	Week 8 down vs Week 1
10339634	---		0.00111318	-2.11305	Week 8 down vs Week 1
10342831	---		0.000041828	-2.11286	Week 8 down vs Week 1
10342165	---		1.86881E-06	-2.11245	Week 8 down vs Week 1
10442250	ENSMUST00000065871 // Zfp229 // zinc finger protein // 17 A3.3 // 381067 /// BC0	Zfp229	2.1652E-06	-2.11194	Week 8 down vs Week 1
10341764	---		0.0103489	-2.11169	Week 8 down vs Week 1
10603833	NM_023211 // Usmg5 // upregulated during skeletal muscle growth 5 // 19 D2 // 66	Usmg5	3.70163E-07	-2.11113	Week 8 down vs Week 1
10536949	NM_177204 // Fam40b // family with sequence similarity 40, member B // 6 A3.3 //	Fam40b	0.000167029	-2.11091	Week 8 down vs Week 1
10428619	NM_015744 // Enpp2 // ectonucleotide pyrophosphatase/phosphodiesterase 2 // 15 D	Enpp2	0.00583287	-2.11035	Week 8 down vs Week 1
10343239	---		0.000106699	-2.10921	Week 8 down vs Week 1
10341003	---		0.000410563	-2.10902	Week 8 down vs Week 1
10522090	NM_153391 // Wdr19 // WD repeat domain 19 // 5 C3.1 // 213081 /// ENSMUST0000011	Wdr19	8.09646E-09	-2.10797	Week 8 down vs Week 1
10473244	NM_175513 // Zfp804a // zinc finger protein 804A // 2 D // 241514 /// ENSMUST000	Zfp804a	4.36367E-05	-2.10784	Week 8 down vs Week 1
10488020	NM_029148 // Tmx4 // thioredoxin-related transmembrane protein 4 // 2 G1|2 77.0	Tmx4	3.55277E-06	-2.10748	Week 8 down vs Week 1
10586773	NM_001039519 // Gtf2a2 // general transcription factor II A, 2 // 9 D // 235459	Gtf2a2	2.45799E-07	-2.10741	Week 8 down vs Week 1
10343951	---		4.98888E-05	-2.10707	Week 8 down vs Week 1
10498018	NM_130448 // Pcdh18 // protocadherin 18 // 3 C // 73173 /// ENSMUST00000035931 /	Pcdh18	4.69174E-06	-2.1068	Week 8 down vs Week 1
10340707	---		5.68601E-05	-2.10571	Week 8 down vs Week 1
10341886	---		0.000136991	-2.10571	Week 8 down vs Week 1
10569168	NM_026646 // Slc25a22 // solute carrier family 25 (mitochondrial carrier, glutam	Slc25a22	9.48883E-06	-2.10498	Week 8 down vs Week 1
10342208	---		0.000152496	-2.10493	Week 8 down vs Week 1
10394555	NM_023697 // Rdh14 // retinol dehydrogenase 14 (all-trans and 9-cis) // 12 A1.1	Rdh14	2.51E-13	-2.10454	Week 8 down vs Week 1
10339335	---		2.85374E-05	-2.10417	Week 8 down vs Week 1
10531183	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	0.000040808	-2.10221	Week 8 down vs Week 1
10554547	---		1.16851E-07	-2.10206	Week 8 down vs Week 1
10342634	---		3.72889E-06	-2.10196	Week 8 down vs Week 1
10358521	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	8.18477E-05	-2.10138	Week 8 down vs Week 1
10422942	---		0.000156585	-2.10106	Week 8 down vs Week 1
10455135	NM_053146 // Pcdhb21 // protocadherin beta 21 // 18 B3 // 93892 /// ENSMUST00000	Pcdhb21	9.68866E-07	-2.101	Week 8 down vs Week 1
10557206	NM_175023 // Rbbp6 // retinoblastoma binding protein 6 // --- // 19647 /// NM_01	Rbbp6	4.47382E-07	-2.10079	Week 8 down vs Week 1
10340029	---		0.000124785	-2.10073	Week 8 down vs Week 1

10384672	NM_172391 // Ahsa2 // AHA1, activator of heat shock protein ATPase homolog 2 (ye	Ahsa2	1.27967E-09	-2.10071	Week 8 down vs Week 1
10358517	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000077512 /	Hmcn1	0.00111452	-2.10046	Week 8 down vs Week 1
10457587	NM_145492 // Zfp521 // zinc finger protein 521 // 18 A1 // 225207 /// NM_181326	Zfp521	3.19152E-05	-2.09888	Week 8 down vs Week 1
10514158	NM_133948 // Psip1 // PC4 and SFRS1 interacting protein 1 // 4 C3 // 101739 ///	Psip1	2.03623E-06	-2.09886	Week 8 down vs Week 1
10338968	---		0.0117113	-2.09854	Week 8 down vs Week 1
10395163	NM_008482 // Lamb1-1 // laminin B1 subunit 1 // 12 A2-A3|12 20.0 cM // 16777 ///	Lamb1-1	8.26634E-09	-2.09802	Week 8 down vs Week 1
10589756	NM_175266 // Epm2aip1 // EPM2A (laforin) interacting protein 1 // 9 F3 // 77781	Epm2aip1	2.46282E-09	-2.09681	Week 8 down vs Week 1
10340449	---		9.09716E-05	-2.09563	Week 8 down vs Week 1
10400155	ENSMUST00000066043 // Nova1 // neuro-oncological ventral antigen 1 // 12 B3 // 6	Nova1	3.99638E-07	-2.09542	Week 8 down vs Week 1
10474229	NM_001111060 // Cd59a // CD59a antigen // 2 55.0 cM // 12509 /// NM_007652 // Cd	Cd59a	0.000113499	-2.09515	Week 8 down vs Week 1
10338230	---		0.000739837	-2.09479	Week 8 down vs Week 1
10339797	---		2.60408E-06	-2.09449	Week 8 down vs Week 1
10339906	---		5.50215E-05	-2.09397	Week 8 down vs Week 1
10341402	---		7.97724E-05	-2.09349	Week 8 down vs Week 1
10585201	NM_013897 // Timm8b // translocase of inner mitochondrial membrane 8 homolog b (	Timm8b	1.32E-12	-2.09308	Week 8 down vs Week 1
10354374	NM_016917 // Slc40a1 // solute carrier family 40 (iron-regulated transporter), m	Slc40a1	9.6006E-08	-2.09268	Week 8 down vs Week 1
10338271	---		0.00236808	-2.0923	Week 8 down vs Week 1
10344226	---		0.000149641	-2.0921	Week 8 down vs Week 1
10558150	NM_019564 // Htra1 // HtrA serine peptidase 1 // 7 F3 // 56213 /// ENSMUST000000	Htra1	7.84643E-05	-2.09139	Week 8 down vs Week 1
10343698	---		2.82272E-05	-2.09088	Week 8 down vs Week 1
10339444	---		8.08766E-05	-2.09085	Week 8 down vs Week 1
10439960	NM_028815 // Cep97 // centrosomal protein 97 // 16 C1.1 // 74201 /// NM_00115936	Cep97	1.05487E-09	-2.09057	Week 8 down vs Week 1
10571601	NM_016798 // Pdlim3 // PDZ and LIM domain 3 // 8 B1.1 // 53318 /// ENSMUST000000	Pdlim3	0.0025832	-2.09053	Week 8 down vs Week 1
10340953	---		0.00221728	-2.0901	Week 8 down vs Week 1
10548118	NM_201371 // Prmt8 // protein arginine N-methyltransferase 8 // 6 F3 // 381813 /	Prmt8	0.000185155	-2.0896	Week 8 down vs Week 1
10400866	NM_053167 // Trim9 // tripartite motif-containing 9 // --- // 94090 /// NM_00111	Trim9	1.69539E-06	-2.08945	Week 8 down vs Week 1
10586722	AK089550 // F830001A07Rik // RIKEN cDNA F830001A07 gene // 9 C // 320055 /// AK0	F830001A07Rik	5.53274E-08	-2.08919	Week 8 down vs Week 1
10338548	---		3.71216E-05	-2.08918	Week 8 down vs Week 1
10536294	NM_130877 // Peg10 // paternally expressed 10 // 6 A1|6 0.5 cM // 170676 /// NM_	Peg10	1.70239E-10	-2.08902	Week 8 down vs Week 1
10455092	NM_053137 // Pcdhb12 // protocadherin beta 12 // 18 B3 // 93883 /// ENSMUST00000	Pcdhb12	3.60296E-06	-2.08825	Week 8 down vs Week 1
10341871	---		0.00420601	-2.08824	Week 8 down vs Week 1
10343462	---		0.000268995	-2.08758	Week 8 down vs Week 1
10448195	NR_003549 // 3110048L19Rik // zinc finger pseudogene // 17 A3.2 // 73233 /// BC0	3110048L19Rik	8.23344E-07	-2.08746	Week 8 down vs Week 1
10431697	NM_011994 // Abcd2 // ATP-binding cassette, sub-family D (ALD), member 2 // 15 E	Abcd2	1.00362E-07	-2.08713	Week 8 down vs Week 1
10338384	---		0.0260081	-2.08618	Week 8 down vs Week 1
10528207	NM_001159557 // Cd36 // CD36 antigen // 5 A3|5 2.0 cM // 12491 /// NM_001159558	Cd36	0.0238657	-2.08592	Week 8 down vs Week 1
10603814	NM_177353 // Slc9a7 // solute carrier family 9 (sodium/hydrogen exchanger), memb	Slc9a7	6.35458E-08	-2.0858	Week 8 down vs Week 1
10426244	NM_021921 // Mapk8ip2 // mitogen-activated protein kinase 8 interacting protein	Mapk8ip2	0.000221522	-2.08566	Week 8 down vs Week 1
10475378	NM_177054 // Casc4 // cancer susceptibility candidate 4 // 2 E5 // 319996 /// NM	Casc4	1.27448E-07	-2.08564	Week 8 down vs Week 1
10342587	---		9.91876E-06	-2.0855	Week 8 down vs Week 1
10531197	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	5.98955E-07	-2.08544	Week 8 down vs Week 1
10341182	---		0.00165632	-2.08532	Week 8 down vs Week 1
10339817	---		6.40962E-05	-2.08509	Week 8 down vs Week 1
10434741	---		4.51979E-06	-2.08401	Week 8 down vs Week 1
10447190	NM_177606 // Plekhh2 // pleckstrin homology domain containing, family H (with My	Plekhh2	9.8145E-07	-2.08387	Week 8 down vs Week 1
10341431	---		3.89418E-05	-2.08387	Week 8 down vs Week 1
10338614	---		3.62301E-05	-2.08351	Week 8 down vs Week 1
10342529	---		1.07978E-05	-2.08345	Week 8 down vs Week 1
10380285	NM_026433 // Tmem100 // transmembrane protein 100 // 11 C // 67888 /// ENSMUST00	Tmem100	0.00192938	-2.08341	Week 8 down vs Week 1
10339616	---		8.73729E-05	-2.08278	Week 8 down vs Week 1
10343521	---		3.99491E-05	-2.08227	Week 8 down vs Week 1
10338455	---		0.00124334	-2.08201	Week 8 down vs Week 1
10419416	BC023359 // 3632451O06Rik // RIKEN cDNA 3632451O06 gene // 14 C1 // 67419 /// NM	3632451O06Rik	4.06776E-06	-2.08146	Week 8 down vs Week 1
10357345	NM_172484 // E030049G20Rik // RIKEN cDNA E030049G20 gene // 1 E3 // 210356 /// N	E030049G20Rik	1.45592E-08	-2.08145	Week 8 down vs Week 1
10397179	NM_028821 // Dnalc1 // dynein, axonemal, light chain 1 // 12 D3 // 105000 /// EN	Dnalc1	3.98905E-08	-2.08053	Week 8 down vs Week 1
10373530	NM_183417 // Cdk2 // cyclin-dependent kinase 2 // 10 D3 // 12566 /// NM_016756 /	Cdk2	4.07895E-06	-2.08034	Week 8 down vs Week 1
10429140	NM_008681 // Ndrg1 // N-myc downstream regulated gene 1 // 15 D2 // 17988 /// EN	Ndrg1	0.000199748	-2.07974	Week 8 down vs Week 1
10406459	NM_025523 // Ndufc1 // NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1	Ndufc1	3.71918E-09	-2.07971	Week 8 down vs Week 1
10604743	NR_002903 // Snord61 // small nucleolar RNA, C/D box 61 // X A5 // 353374	Snord61	6.54681E-06	-2.07965	Week 8 down vs Week 1
10358529	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000209176	-2.07908	Week 8 down vs Week 1
10342674	---		0.000056508	-2.07882	Week 8 down vs Week 1
10358515	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000077512 /	Hmcn1	0.00028872	-2.07873	Week 8 down vs Week 1
10473847	NM_007387 // Acp2 // acid phosphatase 2, lysosomal // 2 E1|2 52.0 cM // 11432 //	Acp2	1.08534E-07	-2.07847	Week 8 down vs Week 1
10496872	NM_133222 // Eltd1 // EGF, latrophilin seven transmembrane domain containing 1 /	Eltd1	0.00186552	-2.07829	Week 8 down vs Week 1
10448459	NM_173186 // Tbc1d24 // TBC1 domain family, member 24 // 17 A3.3 // 224617 /// E	Tbc1d24	7.19045E-07	-2.07779	Week 8 down vs Week 1

10415909	---		0.00093411	-2.07706	Week 8 down vs Week 1
10428124	ENSMUST00000090179 // Rgs22 // regulator of G-protein signalling 22 // 15 B3.1 /	Rgs22	1.78787E-05	-2.07592	Week 8 down vs Week 1
10343925	---		0.00112049	-2.07569	Week 8 down vs Week 1
10554574	NM_145375 // Tm6sf1 // transmembrane 6 superfamily member 1 // 7 D1 // 107769 //	Tm6sf1	0.000147206	-2.07522	Week 8 down vs Week 1
10341424	---		0.00333336	-2.0752	Week 8 down vs Week 1
10398240	NM_001043335 // Eml1 // echinoderm microtubule associated protein like 1 // 12 F	Eml1	9.56598E-06	-2.07439	Week 8 down vs Week 1
10338989	---		0.00432388	-2.07369	Week 8 down vs Week 1
10342624	---		0.00346405	-2.07337	Week 8 down vs Week 1
10531175	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	0.000372925	-2.07237	Week 8 down vs Week 1
10342000	---		0.0092771	-2.07219	Week 8 down vs Week 1
10374202	NM_009622 // Adcy1 // adenylate cyclase 1 // 11 A2 // 432530 /// ENSMUST00000020	Adcy1	3.07019E-05	-2.07174	Week 8 down vs Week 1
10339580	---		0.0187115	-2.07107	Week 8 down vs Week 1
10383532	NM_026272 // Narf // nuclear prelamin A recognition factor // 11 E2 // 67608 ///	Narf	1.17133E-09	-2.07024	Week 8 down vs Week 1
10358519	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	3.83374E-05	-2.07021	Week 8 down vs Week 1
10340965	---		0.00081066	-2.06986	Week 8 down vs Week 1
10594221	NM_145616 // Lrrc49 // leucine rich repeat containing 49 // 9 B // 102747 /// NM	Lrrc49	1.50839E-06	-2.06961	Week 8 down vs Week 1
10531179	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	3.24896E-05	-2.06959	Week 8 down vs Week 1
10511665	NM_178617 // Necab1 // N-terminal EF-hand calcium binding protein 1 // 4 A2 // 6	Necab1	2.50725E-09	-2.06915	Week 8 down vs Week 1
10398430	---		4.30807E-09	-2.06895	Week 8 down vs Week 1
10340594	---		0.000651889	-2.06894	Week 8 down vs Week 1
10341840	---		0.000382105	-2.06893	Week 8 down vs Week 1
10547191	NM_178768 // Tmem72 // transmembrane protein 72 // 6 E3 // 319776 /// ENSMUST000	Tmem72	3.07118E-06	-2.06875	Week 8 down vs Week 1
10358615	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000186677	-2.06845	Week 8 down vs Week 1
10339880	---		0.00582221	-2.06841	Week 8 down vs Week 1
10375956	NM_177059 // Fstl4 // follistatin-like 4 // 11 B1.3 // 320027 /// ENSMUST0000003	Fstl4	5.47682E-05	-2.06787	Week 8 down vs Week 1
10419216	NM_019425 // Gnpnat1 // glucosamine-phosphate N-acetyltransferase 1 // 14 C1 //	Gnpnat1	1.48818E-07	-2.06752	Week 8 down vs Week 1
10572724	NM_145624 // Zfp709 // zinc finger protein 709 // 8 B3.3 // 236193 /// ENSMUST00	Zfp709	4.44689E-05	-2.06744	Week 8 down vs Week 1
10528474	NM_026517 // Rpl22l1 // ribosomal protein L22 like 1 // 3 A3 // 68028 /// ENSMUS	Rpl22l1	7.32278E-08	-2.06733	Week 8 down vs Week 1
10375019	NM_008741 // Nsg2 // neuron specific gene family member 2 // 11 A4 // 18197 ///	Nsg2	5.98328E-06	-2.06703	Week 8 down vs Week 1
10528385	NM_011261 // Reln // reelin // 5 A3-B1|5 8.0 cM // 19699 /// ENSMUST00000062372	Reln	0.00400989	-2.06692	Week 8 down vs Week 1
10405174	NM_029173 // Nxnl2 // nucleoredoxin-like 2 // 13 B1 // 75124 /// ENSMUST00000021	Nxnl2	0.000923029	-2.06653	Week 8 down vs Week 1
10607524	NM_009214 // Sms // spermine synthase // X F4|X 65.45 cM // 20603 /// BC058688 /	Sms	8.00843E-08	-2.06637	Week 8 down vs Week 1
10340891	---		2.58257E-05	-2.06576	Week 8 down vs Week 1
10359571	NM_010231 // Fmo1 // flavin containing monooxygenase 1 // 1 H1|1 92.6 cM // 1426	Fmo1	0.000619784	-2.06542	Week 8 down vs Week 1
10344155	---		6.53544E-05	-2.06525	Week 8 down vs Week 1
10477920	NM_172118 // Myl9 // myosin, light polypeptide 9, regulatory // 2 H1 // 98932 //	Myl9	0.0116865	-2.06465	Week 8 down vs Week 1
10362596	NM_001122893 // Fyn // Fyn proto-oncogene // 10 B1|10 25.0 cM // 14360 /// NM_00	Fyn	2.12879E-05	-2.06443	Week 8 down vs Week 1
10586252	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	5.42682E-06	-2.06427	Week 8 down vs Week 1
10511617	NM_026558 // Fam92a // family with sequence similarity 92, member A // 4 A2 // 6	Fam92a	2.07651E-09	-2.0642	Week 8 down vs Week 1
10342196	---		1.53543E-05	-2.06407	Week 8 down vs Week 1
10358527	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000370971	-2.06363	Week 8 down vs Week 1
10338200	---		0.000153025	-2.06363	Week 8 down vs Week 1
10452613	NM_172964 // Arhgap28 // Rho GTPase activating protein 28 // 17 E1.2 // 268970 /	Arhgap28	2.75486E-09	-2.06345	Week 8 down vs Week 1
10341419	---		0.00013522	-2.06329	Week 8 down vs Week 1
10476314	NM_011170 // Prnp // prion protein // 2 F2|2 75.0 cM // 19122 /// ENSMUST0000009	Prnp	2.88137E-07	-2.06313	Week 8 down vs Week 1
10341835	---		0.000459581	-2.0621	Week 8 down vs Week 1
10341669	---		0.00546997	-2.06207	Week 8 down vs Week 1
10341670	---		2.74529E-05	-2.06207	Week 8 down vs Week 1
10501468	NM_030699 // Ntng1 // netrin G1 // 3 F3 // 80883 /// ENSMUST00000106575 // Ntng1	Ntng1	1.1695E-07	-2.06164	Week 8 down vs Week 1
10342092	---		0.000164399	-2.06118	Week 8 down vs Week 1
10358613	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000086296	-2.06109	Week 8 down vs Week 1
10503359	NM_198957 // C430048L16Rik // RIKEN cDNA C430048L16 gene // 4 A1 // 77604 /// EN	C430048L16Rik	1.11758E-05	-2.06099	Week 8 down vs Week 1
10342411	---		8.77114E-05	-2.0608	Week 8 down vs Week 1
10341148	---		0.00204782	-2.06077	Week 8 down vs Week 1
10434302	NM_029436 // Klhl24 // kelch-like 24 (Drosophila) // 16 B1 // 75785 /// ENSMUST0	Klhl24	2.63514E-06	-2.06073	Week 8 down vs Week 1
10338997	---		0.000496228	-2.06037	Week 8 down vs Week 1
10601768	ENSMUST00000055842 // Armcx4 // armadillo repeat containing, X-linked 4 // X E3	Armcx4	1.03122E-08	-2.06022	Week 8 down vs Week 1
10489065	NM_013865 // Ndrg3 // N-myc downstream regulated gene 3 // 2 H1 // 29812 /// ENS	Ndrg3	5.57338E-05	-2.05945	Week 8 down vs Week 1
10528090	NM_198620 // Rundc3b // RUN domain containing 3B // 5 A1 // 242819 /// ENSMUST00	Rundc3b	1.04173E-05	-2.059	Week 8 down vs Week 1
10340462	---		0.00193281	-2.05693	Week 8 down vs Week 1
10341152	---		0.000667701	-2.05683	Week 8 down vs Week 1
10457959	NM_026006 // Sft2d3 // SFT2 domain containing 3 // 18 B1 // 67158	Sft2d3	4.49321E-07	-2.05667	Week 8 down vs Week 1
10352867	NM_008882 // Plxna2 // plexin A2 // --- // 18845 /// ENSMUST00000027952 // Plxna	Plxna2	1.74668E-07	-2.05666	Week 8 down vs Week 1
10379489	NM_029537 // Tmem98 // transmembrane protein 98 // 11 B5 // 103743 /// ENSMUST00	Tmem98	0.000690802	-2.05657	Week 8 down vs Week 1
10339838	---		0.00191559	-2.05546	Week 8 down vs Week 1

10556076	NM_172907 // Olfml1 // olfactomedin-like 1 // 7 E3 // 244198 /// ENSMUST00000062	Olfml1	3.15608E-05	-2.05478	Week 8 down vs Week 1
10503828	NM_175364 // Lyrm2 // LYR motif containing 2 // 4 A5 // 108755 /// ENSMUST000000	Lyrm2	2.61E-12	-2.0546	Week 8 down vs Week 1
10588876	NM_025449 // Nicn1 // nicolin 1 // 9 F2 // 66257 /// ENSMUST00000035227 // Nicn1	Nicn1	9.48782E-10	-2.0535	Week 8 down vs Week 1
10570068	NM_009932 // Col4a2 // collagen, type IV, alpha 2 // 8 A1.1|8 5.0 cM // 12827 //	Col4a2	2.20309E-05	-2.05258	Week 8 down vs Week 1
10585484	NM_176844 // Chrna5 // cholinergic receptor, nicotinic, alpha polypeptide 5 // 9	Chrna5	0.000112943	-2.05237	Week 8 down vs Week 1
10446596	NM_177639 // Dlgap1 // discs, large (Drosophila) homolog-associated protein 1 //	Dlgap1	1.32657E-07	-2.05162	Week 8 down vs Week 1
10580990	NM_001039154 // Cdh8 // cadherin 8 // 8 D1|8 46.5 cM // 12564 /// NM_007667 // C	Cdh8	8.02226E-05	-2.04935	Week 8 down vs Week 1
10456522	NM_013685 // Tcf4 // transcription factor 4 // --- // 21413 /// NM_001083967 //	Tcf4	4.36708E-05	-2.04918	Week 8 down vs Week 1
10531191	NM_001081401 // Adamts3 // a disintegrin-like and metallopeptidase (reprolysin t	Adamts3	2.75315E-07	-2.04913	Week 8 down vs Week 1
10343066	---		0.00209227	-2.04897	Week 8 down vs Week 1
10595695	NM_009573 // Zic1 // zinc finger protein of the cerebellum 1 // 9 E3.3|9 61.0 cM	Zic1	0.00202843	-2.04887	Week 8 down vs Week 1
10344178	---		0.00466158	-2.04871	Week 8 down vs Week 1
10466865	NM_011265 // Rfx3 // regulatory factor X, 3 (influences HLA class II expression)	Rfx3	5.92596E-08	-2.04843	Week 8 down vs Week 1
10435075	NM_011638 // Tfrc // transferrin receptor // 16 B3|16 21.2 cM // 22042 /// ENSMU	Tfrc	0.00001046	-2.04834	Week 8 down vs Week 1
10363350	NM_011030 // P4ha1 // procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline	P4ha1	2.39147E-07	-2.04831	Week 8 down vs Week 1
10479765	NM_022724 // Suv39h2 // suppressor of variegation 3-9 homolog 2 (Drosophila) //	Suv39h2	5.99675E-05	-2.04828	Week 8 down vs Week 1
10565612	BC026557 // 1810020D17Rik // RIKEN cDNA 1810020D17 gene // 7 E2 // 66273 /// BC0	1810020D17Rik	9.66559E-08	-2.04806	Week 8 down vs Week 1
10463486	NM_001037758 // Btrc // beta-transducin repeat containing protein // 19 D1 // 12	Btrc	1.35095E-08	-2.04793	Week 8 down vs Week 1
10401309	ENSMUST00000002757 // Cox16 // COX16 cytochrome c oxidase assembly homolog (S. c	Cox16	4.09197E-10	-2.04769	Week 8 down vs Week 1
10595211	NM_007730 // Col12a1 // collagen, type XII, alpha 1 // 9 E1|9 43.0 cM // 12816 /	Col12a1	0.0053692	-2.04756	Week 8 down vs Week 1
10358389	NM_009061 // Rgs2 // regulator of G-protein signaling 2 // 1 F|1 78.0 cM // 1973	Rgs2	1.37425E-06	-2.04752	Week 8 down vs Week 1
10451879	NM_144546 // Zfp119 // zinc finger protein 119 // 17 D // 104349 /// ENSMUST0000	Zfp119	3.06266E-07	-2.04722	Week 8 down vs Week 1
10341088	---		0.000568799	-2.0469	Week 8 down vs Week 1
10357115	NM_001081316 // Dsel // dermatan sulfate epimerase-like // 1 E2.2 // 319901 ///	Dsel	8.42979E-07	-2.04648	Week 8 down vs Week 1
10392522	NM_153145 // Abca8a // ATP-binding cassette, sub-family A (ABC1), member 8a // 1	Abca8a	0.000255211	-2.04634	Week 8 down vs Week 1
10505587	NM_144787 // Kdm4c // lysine (K)-specific demethylase 4C // 4 C3 // 76804 /// EN	Kdm4c	5.04803E-06	-2.04598	Week 8 down vs Week 1
10462136	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063 /// BC09	Cycs	8.80623E-06	-2.04547	Week 8 down vs Week 1
10538187	NM_053110 // Gpnmb // glycoprotein (transmembrane) nmb // 6 B2.3|6 21.0 cM // 93	Gpnmb	0.0121157	-2.04525	Week 8 down vs Week 1
10495539	NM_021388 // Extl2 // exostoses (multiple)-like 2 // 3 G1 // 58193 /// ENSMUST00	Extl2	2.27204E-09	-2.0452	Week 8 down vs Week 1
10339440	---		0.000519099	-2.04508	Week 8 down vs Week 1
10431812	NM_016743 // Nell2 // NEL-like 2 (chicken) // --- // 54003 /// ENSMUST0000007527	Nell2	1.67893E-06	-2.04497	Week 8 down vs Week 1
10553537	NM_178705 // Luzp2 // leucine zipper protein 2 // 7 B5|7 28.0 cM // 233271 /// E	Luzp2	1.08754E-05	-2.04444	Week 8 down vs Week 1
10585974	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	3.38332E-07	-2.04402	Week 8 down vs Week 1
10401359	NM_058212 // Dpf3 // D4, zinc and double PHD fingers, family 3 // --- // 70127 /	Dpf3	0.000119822	-2.04391	Week 8 down vs Week 1
10338406	---		0.00089663	-2.0439	Week 8 down vs Week 1
10342749	---		0.00158824	-2.04376	Week 8 down vs Week 1
10423243	NM_009865 // Cdh10 // cadherin 10 // 15 A2 // 320873 /// ENSMUST00000040562 // C	Cdh10	3.55454E-06	-2.04359	Week 8 down vs Week 1
10402615	NM_010480 // Hsp90aa1 // heat shock protein 90, alpha (cytosolic), class A membe	Hsp90aa1	1.41574E-05	-2.04349	Week 8 down vs Week 1
10499168	NM_130867 // Kirrel // kin of IRRE like (Drosophila) // 3 F1 // 170643 /// ENSMU	Kirrel	2.48846E-05	-2.04259	Week 8 down vs Week 1
10384223	NM_008343 // Igfbp3 // insulin-like growth factor binding protein 3 // 11 A1|11	Igfbp3	0.00104234	-2.04237	Week 8 down vs Week 1
10344343	---		1.09669E-05	-2.04226	Week 8 down vs Week 1
10343944	---		0.00170076	-2.04185	Week 8 down vs Week 1
10435767	---		6.92157E-05	-2.04064	Week 8 down vs Week 1
10601701	NM_026239 // Tmem35 // transmembrane protein 35 // X E3 // 67564 /// BC042623 //	Tmem35	0.000667183	-2.04016	Week 8 down vs Week 1
10602428	ENSMUST00000096285 // Wnk3 // WNK lysine deficient protein kinase 3 // X F3 // 2	Wnk3	4.05931E-06	-2.03992	Week 8 down vs Week 1
10343308	---		7.08647E-06	-2.03953	Week 8 down vs Week 1
10606858	NM_025703 // Tceal8 // transcription elongation factor A (SII)-like 8 // X F1 //	Tceal8	3.5483E-11	-2.03913	Week 8 down vs Week 1
10341276	---		1.30864E-05	-2.03869	Week 8 down vs Week 1
10341646	---		3.14254E-09	-2.03862	Week 8 down vs Week 1
10339268	---		0.00977255	-2.03786	Week 8 down vs Week 1
10396476	NM_023275 // Rhoj // ras homolog gene family, member J // 12 C3 // 80837 /// ENS	Rhoj	0.000572214	-2.03752	Week 8 down vs Week 1
10341334	---		0.0010746	-2.03737	Week 8 down vs Week 1
10339333	---		0.00111823	-2.03686	Week 8 down vs Week 1
10340702	---		6.06732E-07	-2.0366	Week 8 down vs Week 1
10340069	---		0.00385404	-2.03653	Week 8 down vs Week 1
10339392	---		8.04098E-06	-2.0346	Week 8 down vs Week 1
10455826	NM_001001979 // Megf10 // multiple EGF-like-domains 10 // 18 D3 // 70417 /// ENS	Megf10	9.4757E-11	-2.03459	Week 8 down vs Week 1
10580247	NM_019945 // Mast1 // microtubule associated serine/threonine kinase 1 // 8 C3|8	Mast1	0.00124786	-2.03444	Week 8 down vs Week 1
10400967	NM_009189 // Six1 // sine oculis-related homeobox 1 homolog (Drosophila) // 12 C	Six1	0.000237758	-2.03418	Week 8 down vs Week 1
10394990	NM_026037 // Mboat2 // membrane bound O-acyltransferase domain containing 2 // 1	Mboat2	7.41739E-07	-2.03381	Week 8 down vs Week 1
10342323	---		6.08921E-07	-2.03351	Week 8 down vs Week 1
10358660	NM_001024720 // Hmcn1 // hemicentin 1 // 1 G1 // 545370 /// ENSMUST00000074783 /	Hmcn1	0.000223633	-2.03311	Week 8 down vs Week 1
10457106	NM_172633 // Cbln2 // cerebellin 2 precursor protein // 18 E4|18 54.0 cM // 1240	Cbln2	2.57706E-05	-2.03283	Week 8 down vs Week 1
10368486	NM_001110197 // Rnf146 // ring finger protein 146 // 10 A4 // 68031 /// NM_00111	Rnf146	5.5112E-07	-2.03243	Week 8 down vs Week 1
10341067	---		0.0167495	-2.03224	Week 8 down vs Week 1

10342909	---		0.000718416	-2.03181	Week 8 down vs Week 1
10604542	NM_001077202 // Hs6st2 // heparan sulfate 6-O-sulfotransferase 2 // X A3.3 // 50	Hs6st2	1.13647E-08	-2.03175	Week 8 down vs Week 1
10338802	---		1.54913E-05	-2.03131	Week 8 down vs Week 1
10407841	NM_001081348 // Hecw1 // HECT, C2 and WW domain containing E3 ubiquitin protein	Hecw1	8.22322E-06	-2.03117	Week 8 down vs Week 1
10363669	NM_013888 // Dnajc12 // DnaJ (Hsp40) homolog, subfamily C, member 12 // 10 B4 //	Dnajc12	2.01702E-06	-2.0303	Week 8 down vs Week 1
10342190	---		0.000042045	-2.02997	Week 8 down vs Week 1
10557058	ENSMUST00000098072 // Polr3e // polymerase (RNA) III (DNA directed) polypeptide	Polr3e	8.35203E-09	-2.02978	Week 8 down vs Week 1
10476395	NM_007553 // Bmp2 // bone morphogenetic protein 2 // 2 F2|2 76.1 cM // 12156 ///	Bmp2	0.000369659	-2.0291	Week 8 down vs Week 1
10452571	NM_008984 // Ptprm // protein tyrosine phosphatase, receptor type, M // 17 E1.1|	Ptprm	0.00037595	-2.02717	Week 8 down vs Week 1
10494262	NM_007802 // Ctsk // cathepsin K // 3 F2.1|3 47.9 cM // 13038 /// ENSMUST0000001	Ctsk	0.000466964	-2.02698	Week 8 down vs Week 1
10422259	NM_029578 // Tgds // TDP-glucose 4,6-dehydratase // 14 E4 // 76355 /// ENSMUST00	Tgds	1.17294E-07	-2.02612	Week 8 down vs Week 1
10435791	---		8.01052E-07	-2.02604	Week 8 down vs Week 1
10341230	---		5.81823E-05	-2.02555	Week 8 down vs Week 1
10409737	NM_023328 // Agtpbp1 // ATP/GTP binding protein 1 // 13 B2 // 67269 /// NM_00104	Agtpbp1	1.42947E-05	-2.02551	Week 8 down vs Week 1
10340080	---		0.00152947	-2.02488	Week 8 down vs Week 1
10338469	---		4.49536E-05	-2.02438	Week 8 down vs Week 1
10428513	NM_001081391 // Csmd3 // CUB and Sushi multiple domains 3 // 15 D1 // 239420 ///	Csmd3	4.16969E-06	-2.02435	Week 8 down vs Week 1
10371942	BC115566 // 4930485B16Rik // RIKEN cDNA 4930485B16 gene // 10 C2 // 380654	4930485B16Rik	1.97739E-06	-2.02294	Week 8 down vs Week 1
10343899	---		0.0050589	-2.02269	Week 8 down vs Week 1
10343484	---		0.000103909	-2.02197	Week 8 down vs Week 1
10381154	NM_009923 // Cnp // 2',3'-cyclic nucleotide 3' phosphodiesterase // 11 D|11 60.0	Cnp	0.00306817	-2.02194	Week 8 down vs Week 1
10341810	---		0.00032493	-2.02186	Week 8 down vs Week 1
10343764	---		0.000833711	-2.02117	Week 8 down vs Week 1
10423548	NM_008304 // Sdc2 // syndecan 2 // 15 B3.1|15 12.4 cM // 15529 /// ENSMUST000000	Sdc2	0.000548539	-2.02024	Week 8 down vs Week 1
10339704	---		0.000301605	-2.01974	Week 8 down vs Week 1
10344142	---		0.00247614	-2.01944	Week 8 down vs Week 1
10342559	---		0.000333678	-2.01942	Week 8 down vs Week 1
10586484	NM_026635 // Fam96a // family with sequence similarity 96, member A // 9 D // 68	Fam96a	1.08964E-07	-2.01899	Week 8 down vs Week 1
10588505	NM_029631 // Abhd14b // abhydrolase domain containing 14b // 9 F1 // 76491 /// E	Abhd14b	4.34108E-05	-2.0186	Week 8 down vs Week 1
10340884	---		0.000159084	-2.01858	Week 8 down vs Week 1
10595753	NM_011643 // Trpc1 // transient receptor potential cation channel, subfamily C,	Trpc1	1.40432E-05	-2.01848	Week 8 down vs Week 1
10553501	NM_080853 // Slc17a6 // solute carrier family 17 (sodium-dependent inorganic pho	Slc17a6	0.000778215	-2.01819	Week 8 down vs Week 1
10339681	---		0.000574361	-2.01747	Week 8 down vs Week 1
10341264	---		1.12286E-05	-2.0174	Week 8 down vs Week 1
10339892	---		0.00973378	-2.01654	Week 8 down vs Week 1
10412298	NM_001033228 // Itga1 // integrin alpha 1 // 13 D2.2|13 65.0 cM // 109700 /// EN	Itga1	0.000456623	-2.01608	Week 8 down vs Week 1
10339952	---		0.000550654	-2.01572	Week 8 down vs Week 1
10480734	NM_008963 // Ptgds // prostaglandin D2 synthase (brain) // 2 A3|2 12.9 cM // 192	Ptgds	0.00867909	-2.0157	Week 8 down vs Week 1
10495186	ENSMUST00000070085 // AI504432 // expressed sequence AI504432 // 3 F2.3 // 22969	AI504432	8.10687E-05	-2.01544	Week 8 down vs Week 1
10491191	NM_026517 // Rpl22l1 // ribosomal protein L22 like 1 // 3 A3 // 68028 /// ENSMUS	Rpl22l1	2.11993E-07	-2.01466	Week 8 down vs Week 1
10601492	NM_177747 // Zfp711 // zinc finger protein 711 // X E1 // 245595 /// ENSMUST0000	Zfp711	4.21006E-07	-2.0145	Week 8 down vs Week 1
10604844	NM_009214 // Sms // spermine synthase // X F4|X 65.45 cM // 20603 /// NR_004433	Sms	2.24039E-07	-2.01442	Week 8 down vs Week 1
10342852	---		3.22716E-06	-2.01384	Week 8 down vs Week 1
10504424	NM_016678 // Reck // reversion-inducing-cysteine-rich protein with kazal motifs	Reck	0.00139105	-2.01377	Week 8 down vs Week 1
10551421	ENSMUST00000108336 // Zfp60 // zinc finger protein 60 // 7 A3|7 12.3 cM // 22718	Zfp60	1.82773E-06	-2.01293	Week 8 down vs Week 1
10344374	---		7.15001E-05	-2.01192	Week 8 down vs Week 1
10343697	---		7.71308E-08	-2.01135	Week 8 down vs Week 1
10474700	NM_011580 // Thbs1 // thrombospondin 1 // 2 F1-F3|2 65.0 cM // 21825 /// ENSMUST	Thbs1	0.000879773	-2.0112	Week 8 down vs Week 1
10340932	---		6.1664E-06	-2.01118	Week 8 down vs Week 1
10341307	---		0.000893674	-2.01071	Week 8 down vs Week 1
10572727	BC080687 // Gm15468 // predicted gene 15468 // 8 B3.3|8 // 382019 /// ENSMUST000	Gm15468	5.92294E-08	-2.00916	Week 8 down vs Week 1
10396125	NM_178628 // Atl1 // atlastin GTPase 1 // 12 C2 // 73991 /// ENSMUST00000021466	Atl1	8.24071E-09	-2.00864	Week 8 down vs Week 1
10585986	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	5.20034E-08	-2.00841	Week 8 down vs Week 1
10347188	BC094541 // A830006F12Rik // RIKEN cDNA A830006F12 gene // 1 C3 // 320460 /// NM	A830006F12Rik	0.000198163	-2.00819	Week 8 down vs Week 1
10372028	NM_018797 // Plxnc1 // plexin C1 // 10 C3 // 54712 /// ENSMUST00000099337 // Plx	Plxnc1	4.73344E-06	-2.00811	Week 8 down vs Week 1
10604100	NM_019443 // Ndufa1 // NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1 //	Ndufa1	5.61364E-06	-2.00798	Week 8 down vs Week 1
10592772	NM_138955 // Abcg4 // ATP-binding cassette, sub-family G (WHITE), member 4 // 9	Abcg4	3.75611E-05	-2.00736	Week 8 down vs Week 1
10541545	NM_026267 // Necap1 // NECAP endocytosis associated 1 // 6 F2 // 67602 /// ENSMU	Necap1	6.03253E-08	-2.00672	Week 8 down vs Week 1
10588755	NM_145621 // Camkv // CaM kinase-like vesicle-associated // 9 F1 // 235604 /// E	Camkv	0.000816448	-2.00641	Week 8 down vs Week 1
10342123	---		0.00027825	-2.00548	Week 8 down vs Week 1
10545538	NM_001109764 // Ctnna2 // catenin (cadherin associated protein), alpha 2 // 6 B3	Ctnna2	0.000187461	-2.0047	Week 8 down vs Week 1
10559261	NM_133655 // Cd81 // CD81 antigen // 7 F5|7 69.3 cM // 12520 /// ENSMUST00000037	Cd81	4.09431E-06	-2.00436	Week 8 down vs Week 1
10410925	---		9.19552E-10	-2.0043	Week 8 down vs Week 1
10358457	NM_212457 // Bex4 // brain expressed gene 4 // XE3|X // 406217 /// ENSMUST000001	Bex4	4.41734E-05	-2.00395	Week 8 down vs Week 1
10476633	NM_008792 // Pcsk2 // proprotein convertase subtilisin/kexin type 2 // 2 F3-H2|2	Pcsk2	7.69168E-06	-2.00381	Week 8 down vs Week 1

10342285	---		0.00178518	-2.00343	Week 8 down vs Week 1
10488415	NM_009976 // Cst3 // cystatin C // 2 G3|2 84.0 cM // 13010 /// ENSMUST0000002893	Cst3	5.01262E-06	-2.00336	Week 8 down vs Week 1
10344508	---		0.000333084	-2.00329	Week 8 down vs Week 1
10339684	---		0.000306588	-2.00295	Week 8 down vs Week 1
10342148	---		0.00351348	-2.00277	Week 8 down vs Week 1
10342010	---		0.0115557	-2.00223	Week 8 down vs Week 1
10338572	---		0.000313315	-2.00199	Week 8 down vs Week 1
10339567	---		0.00105636	-2.00189	Week 8 down vs Week 1
10342990	---		0.00124287	-2.00185	Week 8 down vs Week 1
10488185	NM_009751 // Bfsp1 // beaded filament structural protein 1, in lens-CP94 // 2 G	Bfsp1	0.0062537	-2.00179	Week 8 down vs Week 1
10503054	NM_001081358 // Lrrc7 // leucine rich repeat containing 7 // 3 H4 // 242274 ///	Lrrc7	3.77867E-07	-2.00164	Week 8 down vs Week 1
10405033	NM_001012324 // Ecm2 // extracellular matrix protein 2, female organ and adipocy	Ecm2	0.00195002	-2.00157	Week 8 down vs Week 1
10536369	NM_052993 // C1galt1 // core 1 synthase, glycoprotein-N-acetylgalactosamine 3-be	C1galt1	1.27801E-05	-2.00157	Week 8 down vs Week 1
10339820	---		5.89118E-08	-2.00127	Week 8 down vs Week 1
10590298	NM_026892 // Eif1b // eukaryotic translation initiation factor 1B // 9 F4 // 689	Eif1b	4.94185E-09	-2.0012	Week 8 down vs Week 1
10517169	NM_080559 // Sh3bgrl3 // SH3 domain binding glutamic acid-rich protein-like 3 //	Sh3bgrl3	0.000079045	2.0013	Week 8 up vs Week 1
10460400	NM_008797 // Pcx // pyruvate carboxylase // 19 A|19 0.0 cM // 18563 /// ENSMUST0	Pcx	9.35405E-07	2.0014	Week 8 up vs Week 1
10564818	NM_008486 // Anpep // alanyl (membrane) aminopeptidase // 7 D3 // 16790 /// ENSM	Anpep	0.00134113	2.00257	Week 8 up vs Week 1
10519012	NM_001112744 // Arhgef16 // Rho guanine nucleotide exchange factor (GEF) 16 // 4	Arhgef16	6.58391E-09	2.00401	Week 8 up vs Week 1
10538275	NM_010903 // Nfe2l3 // nuclear factor, erythroid derived 2, like 3 // 6 B3|6 25.	Nfe2l3	4.93782E-06	2.0063	Week 8 up vs Week 1
10586614	NM_001081314 // Fam148b // family with sequence similarity 148, member B // 9 D	Fam148b	7.2483E-07	2.00656	Week 8 up vs Week 1
10410877	NM_001081176 // Polr3g // polymerase (RNA) III (DNA directed) polypeptide G // 1	Polr3g	5.27213E-05	2.00671	Week 8 up vs Week 1
10365830	---		0.000276242	2.00678	Week 8 up vs Week 1
10597354	NM_011052 // Pdcd6ip // programmed cell death 6 interacting protein // 9 F2 // 1	Pdcd6ip	1.80242E-07	2.00729	Week 8 up vs Week 1
10443463	NM_007669 // Cdkn1a // cyclin-dependent kinase inhibitor 1A (P21) // 17 A3.3|17	Cdkn1a	6.96912E-05	2.0079	Week 8 up vs Week 1
10603005	XR_033102 // LOC676160 // similar to thyroid hormone receptor associated protein	LOC676160	1.92434E-05	2.00833	Week 8 up vs Week 1
10522530	NM_001122733 // Kit // kit oncogene // 5 C3.3|5 42.0 cM // 16590 /// NM_021099 /	Kit	9.50315E-05	2.00919	Week 8 up vs Week 1
10574415	ENSMUST00000065508 // 1700047G07Rik // RIKEN cDNA 1700047G07 gene // --- // 7332	1700047G07Rik	3.83221E-07	2.01025	Week 8 up vs Week 1
10356248	NM_175219 // C130026I21Rik // RIKEN cDNA C130026I21 gene // 1 C5 // 620078 /// N	C130026I21Rik	4.57169E-07	2.01206	Week 8 up vs Week 1
10452496	NM_009067 // Ralbp1 // ralA binding protein 1 // 17 E1.1|17 38.0 cM // 19765 ///	Ralbp1	7.7385E-08	2.01278	Week 8 up vs Week 1
10413047	NM_008873 // Plau // plasminogen activator, urokinase // 14 A3|14 2.5 cM // 1879	Plau	1.20925E-06	2.01398	Week 8 up vs Week 1
10450682	NM_010398 // H2-T23 // histocompatibility 2, T region locus 23 // 17 B1|17 19.73	H2-T23	5.93456E-09	2.01405	Week 8 up vs Week 1
10478572	NM_026785 // Ube2c // ubiquitin-conjugating enzyme E2C // 2 H3|2 93.0 cM // 6861	Ube2c	1.34295E-07	2.01405	Week 8 up vs Week 1
10603247	---		0.000370033	2.01664	Week 8 up vs Week 1
10512489	NM_001013377 // E130306D19Rik // RIKEN cDNA E130306D19 gene // 4 B1 // 230098 //	E130306D19Rik	1.14796E-07	2.01698	Week 8 up vs Week 1
10519811	NR_001584 // Speer8-ps1 // spermatogenesis associated glutamate (E)-rich protein	Speer8-ps1	0.000648893	2.01757	Week 8 up vs Week 1
10512067	NM_172689 // Ddx58 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 // 4 A5 // 23007	Ddx58	1.00451E-05	2.01823	Week 8 up vs Week 1
10424349	NM_009270 // Sqle // squalene epoxidase // 15 D1 // 20775 /// ENSMUST00000022977	Sqle	0.00695654	2.02026	Week 8 up vs Week 1
10391914	NM_183288 // Sh3d20 // SH3 domain containing 20 // 11 E1 // 70559 /// BC138292 /	Sh3d20	1.16926E-08	2.02127	Week 8 up vs Week 1
10515797	NM_172383 // Tmem125 // transmembrane protein 125 // 4 D2.1 // 230678 /// ENSMUS	Tmem125	2.21647E-07	2.02156	Week 8 up vs Week 1
10469774	NM_027163 // Il1f8 // interleukin 1 family, member 8 // 2 A3|2 10.3 cM // 69677	Il1f8	4.23831E-08	2.02209	Week 8 up vs Week 1
10474972	NM_026929 // Chac1 // ChaC, cation transport regulator-like 1 (E. coli) // 2 E5	Chac1	2.96448E-10	2.02253	Week 8 up vs Week 1
10374366	NM_207655 // Egfr // epidermal growth factor receptor // 11 A1-A4|11 9.0 cM // 1	Egfr	2.172E-07	2.02265	Week 8 up vs Week 1
10349569	---		0.000305179	2.02411	Week 8 up vs Week 1
10497520	NM_007900 // Ect2 // ect2 oncogene // 3 B // 13605 /// ENSMUST00000108298 // Ect	Ect2	0.000908093	2.02606	Week 8 up vs Week 1
10338009	---		8.85374E-07	2.02691	Week 8 up vs Week 1
10502613	NM_001033199 // AI747448 // expressed sequence AI747448 // 3 H2 // 99709 /// ENS	AI747448	3.69506E-06	2.02725	Week 8 up vs Week 1
10385337	NM_008375 // Fabp6 // fatty acid binding protein 6, ileal (gastrotropin) // 11 B	Fabp6	2.30663E-06	2.02832	Week 8 up vs Week 1
10419116	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	0.000614748	2.02841	Week 8 up vs Week 1
10542894	---		4.16661E-06	2.02841	Week 8 up vs Week 1
10548639	NM_198669 // Prb1 // proline-rich protein BstNI subfamily 1 // 6 G1 // 381833 //	Prb1	0.0179037	2.02859	Week 8 up vs Week 1
10560685	NM_033601 // Bcl3 // B-cell leukemia/lymphoma 3 // 7 A3|7 6.5 cM // 12051 /// EN	Bcl3	5.33649E-08	2.02912	Week 8 up vs Week 1
10582985	NM_009807 // Casp1 // caspase 1 // 9 A1|9 1.0 cM // 12362 /// BC008152 // Casp1	Casp1	5.38826E-06	2.03052	Week 8 up vs Week 1
10369225	NM_001081954 // Dux // double homeobox // --- // 672911 /// ENSMUST00000071408 /	Dux	1.04274E-06	2.03329	Week 8 up vs Week 1
10416302	NM_021877 // Hr // hairless // 14 D2 // 15460 /// ENSMUST00000022691 // Hr // ha	Hr	1.37971E-09	2.03629	Week 8 up vs Week 1
10415081	FJ556972 // EG665955 // predicted gene, EG665955 // 5 B3 // 665955	EG665955	2.22827E-06	2.03849	Week 8 up vs Week 1
10520121	FJ556972 // EG665955 // predicted gene, EG665955 // 5 B3 // 665955	EG665955	2.22827E-06	2.03849	Week 8 up vs Week 1
10578405	FJ556972 // EG665955 // predicted gene, EG665955 // 5 B3 // 665955	EG665955	2.22827E-06	2.03849	Week 8 up vs Week 1
10586076	FJ556972 // EG665955 // predicted gene, EG665955 // 5 B3 // 665955	EG665955	2.22827E-06	2.03849	Week 8 up vs Week 1
10521337	NM_173402 // Rgs12 // regulator of G-protein signaling 12 // 5 B2|5 20.0 cM // 7	Rgs12	0.000001649	2.03884	Week 8 up vs Week 1
10477052	BC016127 // 2310046K01Rik // RIKEN cDNA 2310046K01 gene // 2 H1 // 69698 /// NM_	2310046K01Rik	2.81654E-10	2.04116	Week 8 up vs Week 1
10355567	NM_027154 // Tmbim1 // transmembrane BAX inhibitor motif containing 1 // 1 C3 //	Tmbim1	6.52602E-07	2.04201	Week 8 up vs Week 1
10608693	---		2.05182E-05	2.04277	Week 8 up vs Week 1
10450982	BC089564 // Gpr115 // G protein-coupled receptor 115 // 17 B3 // 78249 /// BC140	Gpr115	4.51519E-05	2.0428	Week 8 up vs Week 1
10525158	NR_003507 // Oas1b // 2'-5' oligoadenylate synthetase 1B // 5 F|5 67.0 cM // 239	Oas1b	1.72794E-08	2.0431	Week 8 up vs Week 1

10596041	NM_001033543 // Il20rb // interleukin 20 receptor beta // 9 E3.3 // 213208 /// E	Il20rb	8.26624E-09	2.04648	Week 8 up vs Week 1
10338213	---		7.39185E-06	2.04777	Week 8 up vs Week 1
10478997	NM_009335 // Tcfap2c // transcription factor AP-2, gamma // 2 H3-H4 // 21420 ///	Tcfap2c	1.44138E-05	2.04863	Week 8 up vs Week 1
10419125	XR_032222 // Gm5929 // predicted gene 5929 // 14 B // 546249 /// XR_032222 // Gm	Gm5929	0.000377977	2.049	Week 8 up vs Week 1
10370931	NM_021462 // Mknk2 // MAP kinase-interacting serine/threonine kinase 2 // 10 C1	Mknk2	1.37453E-07	2.05151	Week 8 up vs Week 1
10595924	NM_029094 // Pik3cb // phosphatidylinositol 3-kinase, catalytic, beta polypeptid	Pik3cb	1.40811E-05	2.05152	Week 8 up vs Week 1
10493995	NM_009112 // S100a10 // S100 calcium binding protein A10 (calpactin) // 3 F1-F2|	S100a10	1.18093E-05	2.05217	Week 8 up vs Week 1
10424667	NM_198607 // 4930572J05Rik // RIKEN cDNA 4930572J05 gene // 15 E1 // 223626 ///	4930572J05Rik	8.74181E-10	2.05379	Week 8 up vs Week 1
10494500	NM_001081139 // Ankrd35 // ankyrin repeat domain 35 // 3 F2.1 // 213121 /// ENSM	Ankrd35	5.47929E-08	2.0547	Week 8 up vs Week 1
10395365	NM_011783 // Agr2 // anterior gradient 2 (Xenopus laevis) // 12 A3 // 23795 ///	Agr2	1.68597E-09	2.056	Week 8 up vs Week 1
10523182	NM_009704 // Areg // amphiregulin // 5 E1|5 51.0 cM // 11839 /// ENSMUST00000031	Areg	3.20951E-07	2.05607	Week 8 up vs Week 1
10380260	NM_009546 // Trim25 // tripartite motif-containing 25 // 11 C // 217069 /// ENSM	Trim25	2.23504E-05	2.05628	Week 8 up vs Week 1
10607658	NM_178256 // Reps2 // RALBP1 associated Eps domain containing protein 2 // X F4	Reps2	5.06373E-06	2.05668	Week 8 up vs Week 1
10603914	NM_001109969 // Gm10058 // predicted gene 10058 // X A2|X // 100039240 /// NM_00	Gm10058	0.000738533	2.05735	Week 8 up vs Week 1
10592585	NM_172769 // Sc5d // sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homo	Sc5d	4.89573E-05	2.05941	Week 8 up vs Week 1
10589654	NM_001146059 // Als2cl // ALS2 C-terminal like // 9 F3|9 64.01 cM // 235633 ///	Als2cl	3.31161E-09	2.05958	Week 8 up vs Week 1
10525893	NM_030210 // Aacs // acetoacetyl-CoA synthetase // 5 F // 78894 /// ENSMUST00000	Aacs	1.70333E-06	2.06004	Week 8 up vs Week 1
10414241	ENSMUST00000064162 // 1700024B05Rik // RIKEN cDNA 1700024B05 gene // 14 B // 755	1700024B05Rik	0.000157636	2.06027	Week 8 up vs Week 1
10338039	---		1.30604E-06	2.06395	Week 8 up vs Week 1
10574694	NM_172760 // Elmo3 // engulfment and cell motility 3, ced-12 homolog (C. elegans	Elmo3	1.04898E-06	2.06654	Week 8 up vs Week 1
10599673	BC145074 // 4930527E24Rik // RIKEN cDNA 4930527E24 gene // X A5 // 75140 /// ENS	4930527E24Rik	0.000480968	2.0681	Week 8 up vs Week 1
10561485	NM_027470 // Pak4 // p21 protein (Cdc42/Rac)-activated kinase 4 // 7 A3 // 70584	Pak4	1.80594E-08	2.06897	Week 8 up vs Week 1
10496555	NM_010259 // Gbp1 // guanylate binding protein 1 // 3 H1|3 67.4 cM // 14468 ///	Gbp1	2.14162E-06	2.06965	Week 8 up vs Week 1
10444830	NM_010394 // H2-Q7 // histocompatibility 2, Q region locus 7 // 17 B1|17 19.19 c	H2-Q7	2.29E-13	2.07066	Week 8 up vs Week 1
10513922	NM_001017427 // Rasef // RAS and EF hand domain containing // 4 C3 // 242505 ///	Rasef	0.000993542	2.07261	Week 8 up vs Week 1
10502565	NM_030601 // Clca2 // chloride channel calcium activated 2 // 3 H2 // 80797 ///	Clca2	2.96297E-08	2.0735	Week 8 up vs Week 1
10499948	NM_001039594 // Lce3a // late cornified envelope 3A // 3 F1|3 // 545548 /// ENSM	Lce3a	2.19827E-06	2.07364	Week 8 up vs Week 1
10449741	NM_010831 // Sik1 // salt inducible kinase 1 // 17 B1|17 18.18 cM // 17691 /// E	Sik1	2.90222E-07	2.07467	Week 8 up vs Week 1
10444291	NM_207105 // H2-Ab1 // histocompatibility 2, class II antigen A, beta 1 // 17 B1	H2-Ab1	3.25417E-07	2.07468	Week 8 up vs Week 1
10354205	XR_031026 // Gm5100 // predicted gene 5100 // 1 B|1 // 329126	Gm5100	1.22848E-05	2.0748	Week 8 up vs Week 1
10534889	NM_178162 // Agfg2 // ArfGAP with FG repeats 2 // 5 G2 // 231801 /// NM_145566 /	Agfg2	1.33971E-06	2.07789	Week 8 up vs Week 1
10465651	NM_007928 // Mark2 // MAP/microtubule affinity-regulating kinase 2 // 19 B|19 3.	Mark2	8.82317E-08	2.07863	Week 8 up vs Week 1
10508879	NM_175307 // Fam46b // family with sequence similarity 46, member B // 4 D2.3 //	Fam46b	1.5895E-11	2.07921	Week 8 up vs Week 1
10444658	NM_033444 // Clic1 // chloride intracellular channel 1 // 17 B1|17 19.0 cM // 11	Clic1	6.33596E-06	2.07972	Week 8 up vs Week 1
10582556	---		2.90309E-06	2.07977	Week 8 up vs Week 1
10582558	---		2.90309E-06	2.07977	Week 8 up vs Week 1
10582564	---		2.90309E-06	2.07977	Week 8 up vs Week 1
10582568	---		2.90309E-06	2.07977	Week 8 up vs Week 1
10582574	---		2.90309E-06	2.07977	Week 8 up vs Week 1
10582578	---		2.90309E-06	2.07977	Week 8 up vs Week 1
10537834	NM_133674 // Arhgef5 // Rho guanine nucleotide exchange factor (GEF) 5 // 6 B2.1	Arhgef5	9.21929E-08	2.08033	Week 8 up vs Week 1
10344372	---		0.00585333	2.08083	Week 8 up vs Week 1
10359422	NM_007453 // Prdx6 // peroxiredoxin 6 // 1 H2.1|1 83.6 cM // 11758 /// ENSMUST00	Prdx6	8.61767E-05	2.0813	Week 8 up vs Week 1
10347481	NM_024264 // Cyp27a1 // cytochrome P450, family 27, subfamily a, polypeptide 1 /	Cyp27a1	3.54215E-08	2.08661	Week 8 up vs Week 1
10419323	NM_144553 // Dlgap5 // discs, large (Drosophila) homolog-associated protein 5 //	Dlgap5	4.62139E-06	2.08669	Week 8 up vs Week 1
10435457	NM_030253 // Parp9 // poly (ADP-ribose) polymerase family, member 9 // 16 B3 //	Parp9	1.8301E-06	2.08703	Week 8 up vs Week 1
10469816	NM_031167 // Il1rn // interleukin 1 receptor antagonist // 2 A3|2 10.0 cM // 161	Il1rn	2.45839E-06	2.08731	Week 8 up vs Week 1
10545930	---		1.6089E-06	2.08961	Week 8 up vs Week 1
10513166	NM_011207 // Ptpn3 // protein tyrosine phosphatase, non-receptor type 3 // 4 B3	Ptpn3	1.49939E-06	2.08993	Week 8 up vs Week 1
10450694	NM_010397 // H2-T22 // histocompatibility 2, T region locus 22 // 17 B1|17 19.74	H2-T22	6.6351E-09	2.09136	Week 8 up vs Week 1
10345370	NM_011206 // Ptpn18 // protein tyrosine phosphatase, non-receptor type 18 // 1 B	Ptpn18	5.534E-12	2.0965	Week 8 up vs Week 1
10582890	---		1.64154E-05	2.09827	Week 8 up vs Week 1
10521205	NM_001145859 // Sh3bp2 // SH3-domain binding protein 2 // 5 B2 // 24055 /// NM_0	Sh3bp2	3.3054E-07	2.0984	Week 8 up vs Week 1
10474875	NM_029617 // Casc5 // cancer susceptibility candidate 5 // 2 E5 // 76464 /// ENS	Casc5	4.07533E-05	2.09866	Week 8 up vs Week 1
10491279	NM_008857 // Prkci // protein kinase C, iota // 3 A3|3 13.8 cM // 18759 /// ENSM	Prkci	3.41133E-05	2.10066	Week 8 up vs Week 1
10510172	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	5.71437E-06	2.10144	Week 8 up vs Week 1
10450075	NM_001001892 // H2-K1 // histocompatibility 2, K1, K region // 17 B1|17 18.44 cM	H2-K1	6.6E-14	2.10238	Week 8 up vs Week 1
10440647	NM_018778 // Cldn8 // claudin 8 // 16 C3.3 // 54420 /// ENSMUST00000049697 // Cl	Cldn8	1.47076E-06	2.10254	Week 8 up vs Week 1
10582916	---		0.000104799	2.10312	Week 8 up vs Week 1
10340992	---		0.000189846	2.10401	Week 8 up vs Week 1
10545101	NM_019455 // Hpgds // hematopoietic prostaglandin D synthase // 6 D-E // 54486 /	Hpgds	0.00198036	2.10508	Week 8 up vs Week 1
10385504	NM_001024230 // Gm5431 // predicted gene 5431 // 11 B1.2 // 432555 /// ENSMUST00	Gm5431	0.001626	2.10513	Week 8 up vs Week 1
10548892	NM_007486 // Arhgdib // Rho, GDP dissociation inhibitor (GDI) beta // 6 G1 // 11	Arhgdib	0.000120398	2.10672	Week 8 up vs Week 1
10502071	NM_027482 // 5730508B09Rik // RIKEN cDNA 5730508B09 gene // 3 H1 // 70617 /// BC	5730508B09Rik	1.59764E-07	2.10711	Week 8 up vs Week 1
10373890	NM_134023 // Tbc1d10a // TBC1 domain family, member 10a // 11 A1 // 103724 /// E	Tbc1d10a	5.8331E-11	2.11141	Week 8 up vs Week 1

10361133	---		1.15624E-08	2.11333	Week 8 up vs Week 1
10368836	---		5.49968E-08	2.11449	Week 8 up vs Week 1
10405876	ENSMUST00000079272 // Gm10324 // predicted gene 10324 // 13 B3|13 // 628709	Gm10324	1.25198E-05	2.1157	Week 8 up vs Week 1
10395414	NM_178767 // Tmem195 // transmembrane protein 195 // 12 A3 // 319660 /// ENSMUST	Tmem195	2.99688E-05	2.1158	Week 8 up vs Week 1
10440738	NM_009384 // Tiam1 // T-cell lymphoma invasion and metastasis 1 // 16 61.8 cM //	Tiam1	1.809E-11	2.11705	Week 8 up vs Week 1
10515613	NM_011213 // Ptprf // protein tyrosine phosphatase, receptor type, F // 4 C6-D1	Ptprf	8.73228E-07	2.11726	Week 8 up vs Week 1
10582862	NM_027144 // Arhgef12 // Rho guanine nucleotide exchange factor (GEF) 12 // 9 B	Arhgef12	1.00383E-06	2.11868	Week 8 up vs Week 1
10556135	---		5.29259E-09	2.11907	Week 8 up vs Week 1
10345762	NM_008362 // Il1r1 // interleukin 1 receptor, type I // 1 B|1 19.5 cM // 16177 /	Il1r1	1.48698E-07	2.11948	Week 8 up vs Week 1
10519268	---		7.25068E-05	2.12105	Week 8 up vs Week 1
10537849	NM_133674 // Arhgef5 // Rho guanine nucleotide exchange factor (GEF) 5 // 6 B2.1	Arhgef5	2.19279E-07	2.12231	Week 8 up vs Week 1
10469957	NM_175286 // C430004E15Rik // RIKEN cDNA C430004E15 gene // 2 A3 // 97031 /// EN	C430004E15Rik	2.23154E-07	2.12406	Week 8 up vs Week 1
10480570	NM_001162485 // Arrdc1 // arrestin domain containing 1 // 2 A3 // 215705 /// NM_	Arrdc1	9.06046E-08	2.12618	Week 8 up vs Week 1
10396402	NM_008856 // Prkch // protein kinase C, eta // 12 C3-D1 // 18755 /// ENSMUST0000	Prkch	6.18294E-07	2.12649	Week 8 up vs Week 1
10595953	NM_177775 // Esyt3 // extended synaptotagmin-like protein 3 // 9 E3.3|9 52.0 cM	Esyt3	1.93518E-07	2.12735	Week 8 up vs Week 1
10354506	NM_133829 // Mfsd6 // major facilitator superfamily domain containing 6 // 1 C1.	Mfsd6	2.93971E-07	2.12878	Week 8 up vs Week 1
10357594	NM_018750 // Rassf5 // Ras association (RalGDS/AF-6) domain family member 5 // 1	Rassf5	1.90186E-08	2.12897	Week 8 up vs Week 1
10571870	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	5.11751E-06	2.12922	Week 8 up vs Week 1
10369223	NM_001081954 // Dux // double homeobox // --- // 672911 /// ENSMUST00000071408 /	Dux	6.72576E-07	2.12991	Week 8 up vs Week 1
10411739	NM_172301 // Ccnb1 // cyclin B1 // 13 D1 // 268697 /// ENSMUST00000072119 // Ccn	Ccnb1	0.000176555	2.13001	Week 8 up vs Week 1
10561453	NM_011756 // Zfp36 // zinc finger protein 36 // 7 A3|7 10.2 cM // 22695 /// ENSM	Zfp36	5.96326E-10	2.13087	Week 8 up vs Week 1
10444821	NM_023124 // H2-Q8 // histocompatibility 2, Q region locus 8 // 17 B1|17 19.2 cM	H2-Q8	1.483E-12	2.13317	Week 8 up vs Week 1
10596034	NM_001033543 // Il20rb // interleukin 20 receptor beta // 9 E3.3 // 213208 /// E	Il20rb	1.01626E-08	2.13416	Week 8 up vs Week 1
10564507	NM_001042592 // Arrdc4 // arrestin domain containing 4 // 7 D1 // 66412 /// NM_0	Arrdc4	7.95518E-07	2.13508	Week 8 up vs Week 1
10405216	NM_011518 // Syk // spleen tyrosine kinase // 13 B-C2|13 37.0 cM // 20963 /// EN	Syk	4.77924E-10	2.13715	Week 8 up vs Week 1
10340759	---		1.09022E-05	2.13762	Week 8 up vs Week 1
10438585	NM_025693 // Tmem41a // transmembrane protein 41a // 16 B1 // 66664 /// ENSMUST0	Tmem41a	4.55236E-09	2.13843	Week 8 up vs Week 1
10560618	NM_007469 // Apoc1 // apolipoprotein C-I // 7 A3|7 4.0 cM // 11812 /// NM_001110	Apoc1	2.05166E-05	2.14379	Week 8 up vs Week 1
10567735	AK014162 // 3110040M04Rik // RIKEN cDNA 3110040M04 gene // 1 G1 // 73176 /// XM_	3110040M04Rik	7.53962E-07	2.14443	Week 8 up vs Week 1
10507798	NM_008506 // Mycl1 // v-myc myelocytomatosis viral oncogene homolog 1, lung carc	Mycl1	8.97737E-08	2.14641	Week 8 up vs Week 1
10385709	NM_145974 // C330016O10Rik // RIKEN cDNA C330016O10 gene // 11 B1.3 // 212706 //	C330016O10Rik	5.30997E-07	2.15053	Week 8 up vs Week 1
10582580	---		0.00799445	2.15156	Week 8 up vs Week 1
10372652	NM_013590 // Lyz1 // lysozyme 1 // 10 D2 // 17110 /// ENSMUST00000092162 // Lyz1	Lyz1	3.96399E-06	2.15201	Week 8 up vs Week 1
10339525	---		0.000190638	2.15218	Week 8 up vs Week 1
10389022	NM_177390 // Myo1d // myosin ID // 11 B5|11 46.0 cM // 338367 /// ENSMUST0000004	Myo1d	2.88623E-09	2.15325	Week 8 up vs Week 1
10411226	NM_007974 // F2rl1 // coagulation factor II (thrombin) receptor-like 1 // 13 D1|	F2rl1	3.90893E-07	2.1538	Week 8 up vs Week 1
10516246	NM_026560 // Cdca8 // cell division cycle associated 8 // 4 D2.2|4 57.6 cM // 52	Cdca8	5.77264E-06	2.15381	Week 8 up vs Week 1
10529605	NM_011716 // Wfs1 // Wolfram syndrome 1 homolog (human) // 5 B3 // 22393 /// ENS	Wfs1	2.20203E-09	2.15529	Week 8 up vs Week 1
10464754	NM_007485 // Rhod // ras homolog gene family, member D // 19 A // 11854 /// ENSM	Rhod	4.32283E-05	2.15554	Week 8 up vs Week 1
10516487	NM_008127 // Gjb4 // gap junction protein, beta 4 // 4 D1-D3|4 57.5 cM // 14621	Gjb4	1.31763E-08	2.1574	Week 8 up vs Week 1
10582882	---		3.19569E-05	2.15763	Week 8 up vs Week 1
10578045	NM_178591 // Nrg1 // neuregulin 1 // 8 A3 // 211323 /// ENSMUST00000073884 // Nr	Nrg1	9.897E-08	2.15789	Week 8 up vs Week 1
10608668	---		2.95329E-06	2.15894	Week 8 up vs Week 1
10474355	BC141310 // Dcdc5 // doublecortin domain containing 5 // 2 E3 // 329482 /// ENSM	Dcdc5	7.44637E-08	2.15977	Week 8 up vs Week 1
10456988	NM_053117 // Pard6g // par-6 partitioning defective 6 homolog gamma (C. elegans)	Pard6g	0.000027854	2.15999	Week 8 up vs Week 1
10598091	---		8.57453E-05	2.16024	Week 8 up vs Week 1
10523595	NM_011204 // Ptpn13 // protein tyrosine phosphatase, non-receptor type 13 // 5 E	Ptpn13	2.74985E-06	2.16239	Week 8 up vs Week 1
10525733	NM_030241 // Setd8 // SET domain containing (lysine methyltransferase) 8 // 5 F	Setd8	6.04909E-09	2.16248	Week 8 up vs Week 1
10377889	NM_001045959 // Mink1 // misshapen-like kinase 1 (zebrafish) // 11 B4 // 50932 /	Mink1	1.022E-12	2.16328	Week 8 up vs Week 1
10465649	NM_007928 // Mark2 // MAP/microtubule affinity-regulating kinase 2 // 19 B|19 3.	Mark2	1.54085E-09	2.16381	Week 8 up vs Week 1
10598041	---		0.00222579	2.16741	Week 8 up vs Week 1
10515836	NM_172301 // Ccnb1 // cyclin B1 // 13 D1 // 268697 /// ENSMUST00000072119 // Ccn	Ccnb1	0.000149745	2.16841	Week 8 up vs Week 1
10388194	NM_153060 // Spns2 // spinster homolog 2 (Drosophila) // 11 B4 // 216892 /// ENS	Spns2	1.12283E-07	2.16859	Week 8 up vs Week 1
10572398	NM_018827 // Crlf1 // cytokine receptor-like factor 1 // 8 0.0 cM // 12931 /// E	Crlf1	8.64801E-08	2.17169	Week 8 up vs Week 1
10401114	NM_134050 // Rab15 // RAB15, member RAS oncogene family // 12 C3 // 104886 /// E	Rab15	5.87057E-08	2.1723	Week 8 up vs Week 1
10397351	NM_030887 // Jdp2 // Jun dimerization protein 2 // 12 D3 // 81703 /// ENSMUST000	Jdp2	1.22819E-09	2.17241	Week 8 up vs Week 1
10361265	---		0.000783433	2.17309	Week 8 up vs Week 1
10450699	AB359227 // H2-Q2 // histocompatibility 2, Q region locus 2 // 17 B1|17 19.15 cM	H2-Q2	2.029E-12	2.17401	Week 8 up vs Week 1
10398075	NM_009252 // Serpina3n // serine (or cysteine) peptidase inhibitor, clade A, mem	Serpina3n	0.000445158	2.17861	Week 8 up vs Week 1
10465395	NM_198168 // Ppp2r5b // protein phosphatase 2, regulatory subunit B (B56), beta	Ppp2r5b	1.06926E-07	2.18127	Week 8 up vs Week 1
10500204	NM_007899 // Ecm1 // extracellular matrix protein 1 // 3 F2.1|3 45.4 cM // 13601	Ecm1	5.72149E-07	2.18215	Week 8 up vs Week 1
10582884	---		9.82612E-05	2.18285	Week 8 up vs Week 1
10340732	---		2.88183E-05	2.18606	Week 8 up vs Week 1
10376201	NM_001083929 // Gpx3 // glutathione peroxidase 3 // 11 B3-B5 // 14778 /// NM_008	Gpx3	0.00198474	2.18713	Week 8 up vs Week 1
10498998	BC062940 // D930015E06Rik // RIKEN cDNA D930015E06 gene // 3 F1 // 229473 /// NM	D930015E06Rik	2.76131E-06	2.18848	Week 8 up vs Week 1

10513406	NM_021053 // Slc46a2 // solute carrier family 46, member 2 // 4 B3|4 32.0 cM //	Slc46a2	3.4049E-07	2.18874	Week 8 up vs Week 1
10495405	NM_172685 // Slc25a24 // solute carrier family 25 (mitochondrial carrier, phosph	Slc25a24	9.73676E-06	2.19025	Week 8 up vs Week 1
10516266	NM_153159 // Zc3h12a // zinc finger CCCH type containing 12A // 4 D2.2 // 230738	Zc3h12a	9.19863E-10	2.19384	Week 8 up vs Week 1
10454709	NM_009004 // Kif20a // kinesin family member 20A // 18 B1|18 17.0 cM // 19348 //	Kif20a	7.73508E-06	2.19465	Week 8 up vs Week 1
10402347	NM_029803 // Ifi27l2a // interferon, alpha-inducible protein 27 like 2A // 12 E	Ifi27l2a	5.58045E-05	2.19684	Week 8 up vs Week 1
10525086	NM_133221 // Slc24a6 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a6	1.02317E-08	2.19992	Week 8 up vs Week 1
10500011	NM_011656 // Tuft1 // tuftelin 1 // 3 F2 // 22156 /// ENSMUST00000006123 // Tuft	Tuft1	0.000166175	2.19995	Week 8 up vs Week 1
10580765	NM_026385 // Pllp // plasma membrane proteolipid // 8 C5 // 67801 /// ENSMUST000	Pllp	2.55122E-06	2.20099	Week 8 up vs Week 1
10424979	NM_182805 // Gpt // glutamic pyruvic transaminase, soluble // 15 D3|15 40.3 cM /	Gpt	8.42613E-09	2.20437	Week 8 up vs Week 1
10562637	NM_172301 // Ccnb1 // cyclin B1 // 13 D1 // 268697 /// ENSMUST00000072119 // Ccn	Ccnb1	6.44893E-05	2.21063	Week 8 up vs Week 1
10358177	BC053100 // 5730559C18Rik // RIKEN cDNA 5730559C18 gene // 1 F|1 // 67313 /// BC	5730559C18Rik	8.51191E-10	2.21073	Week 8 up vs Week 1
10526241	NM_009902 // Cldn3 // claudin 3 // 5 G2|5 75.0 cM // 12739 /// ENSMUST0000009424	Cldn3	2.15452E-07	2.2121	Week 8 up vs Week 1
10445347	NM_172621 // Clic5 // chloride intracellular channel 5 // 17 C // 224796 /// ENS	Clic5	6.74959E-07	2.21229	Week 8 up vs Week 1
10441003	NM_001111023 // Runx1 // runt related transcription factor 1 // 16 C4|16 62.2 cM	Runx1	6.68352E-10	2.2134	Week 8 up vs Week 1
10437639	NM_007929 // Emp2 // epithelial membrane protein 2 // 16 A1|16 2.4 cM // 13731 /	Emp2	8.4553E-09	2.21431	Week 8 up vs Week 1
10502801	NM_031367 // H28 // histocompatibility 28 // 3 H3|3 82.5 cM // 15061 /// ENSMUST	H28	0.0022108	2.21433	Week 8 up vs Week 1
10349782	NM_028778 // Nuak2 // NUAK family, SNF1-like kinase, 2 // 1 E4 // 74137 /// ENSM	Nuak2	6.3765E-07	2.21611	Week 8 up vs Week 1
10341969	---		1.47088E-05	2.21717	Week 8 up vs Week 1
10419096	NM_009160 // Sftpd // surfactant associated protein D // 14 B|14 14.0 cM // 2039	Sftpd	6.38463E-08	2.21888	Week 8 up vs Week 1
10400357	NM_013815 // Baz1a // bromodomain adjacent to zinc finger domain 1A // 12 C // 2	Baz1a	6.14311E-06	2.22228	Week 8 up vs Week 1
10458430	NM_007858 // Diap1 // diaphanous homolog 1 (Drosophila) // 18 B3|18 16.0 cM // 1	Diap1	5.07935E-08	2.2239	Week 8 up vs Week 1
10551282	XR_033870 // LOC100047728 // similar to Cytochrome P450 2A5 (CYPIIA5) (Coumarin	LOC100047728	0.00192285	2.22548	Week 8 up vs Week 1
10515431	NM_134471 // Kif2c // kinesin family member 2C // 4 D1 // 73804 /// ENSMUST00000	Kif2c	4.97594E-06	2.22589	Week 8 up vs Week 1
10432972	NM_011244 // Rarg // retinoic acid receptor, gamma // 15 E-F3|15 57.4 cM // 1941	Rarg	7.7673E-09	2.22614	Week 8 up vs Week 1
10413229	NM_013469 // Anxa11 // annexin A11 // 14 A3|14 3.3 cM // 11744 /// ENSMUST000000	Anxa11	1.21717E-08	2.22737	Week 8 up vs Week 1
10453256	NM_153512 // Kcng3 // potassium voltage-gated channel, subfamily G, member 3 //	Kcng3	0.00034528	2.22925	Week 8 up vs Week 1
10515115	NM_145551 // Slc5a9 // solute carrier family 5 (sodium/glucose cotransporter), m	Slc5a9	4.36529E-09	2.23037	Week 8 up vs Week 1
10352798	NM_010600 // Kcnh1 // potassium voltage-gated channel, subfamily H (eag-related)	Kcnh1	4.484E-12	2.23057	Week 8 up vs Week 1
10355456	NM_001005423 // Mreg // melanoregulin // 1 C3 // 381269 /// ENSMUST00000048860 /	Mreg	3.98011E-05	2.23132	Week 8 up vs Week 1
10509063	NM_178257 // Il22ra1 // interleukin 22 receptor, alpha 1 // 4 D3|4 62.0 cM // 23	Il22ra1	8.08609E-10	2.23197	Week 8 up vs Week 1
10544660	NM_027881 // Osbpl3 // oxysterol binding protein-like 3 // 6 B3 // 71720 /// ENS	Osbpl3	7.31714E-07	2.23586	Week 8 up vs Week 1
10411804	ENSMUST00000099202 // Mast4 // microtubule associated serine/threonine kinase fa	Mast4	2.19125E-07	2.2359	Week 8 up vs Week 1
10369221	NM_001081954 // Dux // double homeobox // --- // 672911 /// ENSMUST00000075305 /	Dux	2.82479E-07	2.23616	Week 8 up vs Week 1
10499483	NM_134469 // Fdps // farnesyl diphosphate synthetase // 3 F1|3 42.6 cM // 110196	Fdps	0.000117418	2.2362	Week 8 up vs Week 1
10423921	NM_001130166 // Oxr1 // oxidation resistance 1 // 15 D1 // 170719 /// NM_130885	Oxr1	0.000114688	2.24188	Week 8 up vs Week 1
10387648	NM_001033433 // Tmem102 // transmembrane protein 102 // 11 B3 // 380705 /// NR_0	Tmem102	2.9834E-08	2.24212	Week 8 up vs Week 1
10341351	---		1.16223E-06	2.24454	Week 8 up vs Week 1
10483110	NM_027835 // Ifih1 // interferon induced with helicase C domain 1 // 2 C3 // 715	Ifih1	3.27293E-05	2.24501	Week 8 up vs Week 1
10533256	NM_145211 // Oas1a // 2'-5' oligoadenylate synthetase 1A // 5 F|5 67.0 cM // 246	Oas1a	6.8951E-07	2.24524	Week 8 up vs Week 1
10345411	NM_183019 // Arhgef4 // Rho guanine nucleotide exchange factor (GEF) 4 // 1 B //	Arhgef4	4.2686E-06	2.24682	Week 8 up vs Week 1
10450145	NM_013585 // Psmb9 // proteasome (prosome, macropain) subunit, beta type 9 (larg	Psmb9	1.9E-14	2.24761	Week 8 up vs Week 1
10526363	NM_008898 // Por // P450 (cytochrome) oxidoreductase // 5 G2|5 75.0 cM // 18984	Por	1.09911E-07	2.25074	Week 8 up vs Week 1
10521984	NM_019468 // G6pd2 // glucose-6-phosphate dehydrogenase 2 // 5 C3.1|5 39.0 cM //	G6pd2	2.43042E-08	2.25294	Week 8 up vs Week 1
10596027	NM_001033543 // Il20rb // interleukin 20 receptor beta // 9 E3.3 // 213208 /// E	Il20rb	1.92535E-08	2.2557	Week 8 up vs Week 1
10499899	NM_009264 // Sprr1a // small proline-rich protein 1A // 3 F1|3 45.2 cM // 20753	Sprr1a	1.42553E-06	2.26131	Week 8 up vs Week 1
10568115	NM_080638 // Mvp // major vault protein // 7 F4 // 78388 /// ENSMUST00000032919	Mvp	8.15106E-10	2.2625	Week 8 up vs Week 1
10494001	NM_207272 // Tdpoz4 // TD and POZ domain containing 4 // 3 F2.1 // 399675 /// EN	Tdpoz4	2.4548E-06	2.26298	Week 8 up vs Week 1
10384615	NM_011023 // Otx1 // orthodenticle homolog 1 (Drosophila) // 11 A3.2|11 12.0 cM	Otx1	4.12855E-06	2.26842	Week 8 up vs Week 1
10404359	NM_153546 // Mboat1 // membrane bound O-acyltransferase domain containing 1 // 1	Mboat1	9.34558E-06	2.26951	Week 8 up vs Week 1
10345409	---		5.63199E-09	2.27271	Week 8 up vs Week 1
10582069	NM_028725 // Sdr42e1 // short chain dehydrogenase/reductase family 42E, member 1	Sdr42e1	2.30357E-05	2.27676	Week 8 up vs Week 1
10477854	NM_013510 // Epb4.1l1 // erythrocyte protein band 4.1-like 1 // 2 H1|2 88.0 cM /	Epb4.1l1	1.10026E-09	2.27768	Week 8 up vs Week 1
10518350	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	5.98425E-07	2.28013	Week 8 up vs Week 1
10580649	NM_133660 // Es22 // esterase 22 // 8 C5|8 43.2 cM // 13897 /// ENSMUST000000341	Es22	3.58534E-05	2.28023	Week 8 up vs Week 1
10557156	NM_011121 // Plk1 // polo-like kinase 1 (Drosophila) // 7 F3|7 59.0 cM // 18817	Plk1	4.95641E-07	2.28049	Week 8 up vs Week 1
10354418	NM_028696 // Obfc2a // oligonucleotide/oligosaccharide-binding fold containing 2	Obfc2a	2.21885E-05	2.28274	Week 8 up vs Week 1
10454129	NM_181682 // Dsg1b // desmoglein 1 beta // 18 A2|18 7.02 cM // 225256 /// ENSMUS	Dsg1b	0.000819088	2.28361	Week 8 up vs Week 1
10537722	NM_175408 // Tmem139 // transmembrane protein 139 // 6 B2.1 // 109218 /// ENSMUS	Tmem139	2.89386E-09	2.28854	Week 8 up vs Week 1
10554445	NM_145150 // Prc1 // protein regulator of cytokinesis 1 // 7 D3|7 38.0 cM // 233	Prc1	0.000230345	2.29175	Week 8 up vs Week 1
10387668	NM_031880 // Tnk1 // tyrosine kinase, non-receptor, 1 // 11 B3 // 83813 /// NM_0	Tnk1	4.98586E-08	2.29189	Week 8 up vs Week 1
10523563	NM_173370 // Cds1 // CDP-diacylglycerol synthase 1 // 5 E4 // 74596 /// ENSMUST0	Cds1	1.01541E-06	2.29439	Week 8 up vs Week 1
10469828	NM_177611 // Psd4 // pleckstrin and Sec7 domain containing 4 // 2 A3 // 215632 /	Psd4	4.83989E-09	2.29507	Week 8 up vs Week 1
10467258	NM_001099634 // Myof // myoferlin // 19 C2 // 226101 /// ENSMUST00000041475 // M	Myof	2.34213E-08	2.29735	Week 8 up vs Week 1
10438854	NM_172613 // Atp13a4 // ATPase type 13A4 // 16 B2 // 224079 /// BC048410 // Atp1	Atp13a4	1.90849E-05	2.29888	Week 8 up vs Week 1
10499329	NM_021375 // Rhbg // Rhesus blood group-associated B glycoprotein // 3 F1|3 42.0	Rhbg	2.12892E-05	2.30147	Week 8 up vs Week 1

10493798	NM_026416 // S100a16 // S100 calcium binding protein A16 // 3 F1-F2 // 67860 ///	S100a16	1.80428E-05	2.30239	Week 8 up vs Week 1
10495675	NM_010171 // F3 // coagulation factor III // 3 G1|3 50.0 cM // 14066 /// ENSMUST	F3	0.000870135	2.30635	Week 8 up vs Week 1
10561128	NM_028775 // Cyp2s1 // cytochrome P450, family 2, subfamily s, polypeptide 1 //	Cyp2s1	7.28543E-07	2.31012	Week 8 up vs Week 1
10379630	NM_011408 // Slfn2 // schlafen 2 // 11 C|11 48.0 cM // 20556 /// ENSMUST00000038	Slfn2	0.00002313	2.31154	Week 8 up vs Week 1
10466947	NM_001081213 // Ermp1 // endoplasmic reticulum metallopeptidase 1 // 19 C1|19 24	Ermp1	2.84052E-06	2.31278	Week 8 up vs Week 1
10390707	NM_011623 // Top2a // topoisomerase (DNA) II alpha // 11 D|11 57.0 cM // 21973 /	Top2a	0.000455264	2.31378	Week 8 up vs Week 1
10393166	NM_009180 // St6galnac2 // ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,	St6galnac2	4.93869E-09	2.31737	Week 8 up vs Week 1
10444824	NM_207648 // H2-Q6 // histocompatibility 2, Q region locus 6 // 17 B1|17 19.18 c	H2-Q6	4.19707E-09	2.3174	Week 8 up vs Week 1
10584615	NM_021424 // Pvrl1 // poliovirus receptor-related 1 // 9 B // 58235 /// ENSMUST0	Pvrl1	3.68865E-07	2.31805	Week 8 up vs Week 1
10460255	AK081788 // 1700055N04Rik // RIKEN cDNA 1700055N04 gene // 19 A // 73458 /// XM_	1700055N04Rik	2.11374E-07	2.31861	Week 8 up vs Week 1
10530269	NM_178446 // Rbm47 // RNA binding motif protein 47 // 5 C3.1 // 245945 /// NM_00	Rbm47	5.37363E-06	2.3199	Week 8 up vs Week 1
10461723	BC038020 // Fam111a // family with sequence similarity 111, member A // 19 B|19	Fam111a	0.000143189	2.3223	Week 8 up vs Week 1
10442357	NM_027220 // Prss32 // protease, serine, 32 // 17 A3.3|17 10.73 cM // 69814 ///	Prss32	9.86387E-06	2.32383	Week 8 up vs Week 1
10400504	NM_008259 // Foxa1 // forkhead box A1 // 12 C1|12 26.0 cM // 15375 /// BC096524	Foxa1	1.26671E-08	2.32552	Week 8 up vs Week 1
10408081	NM_020034 // Hist1h1b // histone cluster 1, H1b // 13 A2-A3 // 56702 /// ENSMUST	Hist1h1b	0.000280342	2.33336	Week 8 up vs Week 1
10518352	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	1.55783E-07	2.33579	Week 8 up vs Week 1
10382462	NM_012030 // Slc9a3r1 // solute carrier family 9 (sodium/hydrogen exchanger), me	Slc9a3r1	3.27256E-09	2.33585	Week 8 up vs Week 1
10472162	NM_010274 // Gpd2 // glycerol phosphate dehydrogenase 2, mitochondrial // 2 C1.1	Gpd2	8.23909E-09	2.33588	Week 8 up vs Week 1
10444814	NM_001143689 // H2-gs10 // MHC class I like protein GS10 // 17 B1|17 // 436493 /	H2-gs10	2.95179E-10	2.33656	Week 8 up vs Week 1
10435501	NM_001082543 // Stfa1 // stefin A1 // 16 B3|16 22.85 cM // 20861	Stfa1	0.000279031	2.3385	Week 8 up vs Week 1
10338214	---		1.07077E-05	2.34535	Week 8 up vs Week 1
10396800	ENSMUST00000039928 // Plekhh1 // pleckstrin homology domain containing, family H	Plekhh1	7.45648E-08	2.34555	Week 8 up vs Week 1
10356886	NM_172658 // Slco4c1 // solute carrier organic anion transporter family, member	Slco4c1	1.05847E-05	2.34565	Week 8 up vs Week 1
10508405	NM_025452 // Tmem54 // transmembrane protein 54 // 4 D2.2 // 66260 /// ENSMUST00	Tmem54	4.453E-10	2.34701	Week 8 up vs Week 1
10358787	NM_008485 // Lamc2 // laminin, gamma 2 // 1 H1|1 81.1 cM // 16782 /// ENSMUST000	Lamc2	9.61149E-07	2.34911	Week 8 up vs Week 1
10598053	---		0.000848324	2.3512	Week 8 up vs Week 1
10541307	NM_011909 // Usp18 // ubiquitin specific peptidase 18 // 6 F|6 56.0 cM // 24110	Usp18	7.94878E-06	2.35152	Week 8 up vs Week 1
10475517	ENSMUST00000047498 // AA467197 // expressed sequence AA467197 // 2 E5 // 433470	AA467197	1.36811E-06	2.3519	Week 8 up vs Week 1
10561712	NM_011464 // Spint2 // serine protease inhibitor, Kunitz type 2 // 7 B1 // 20733	Spint2	1.74581E-05	2.35225	Week 8 up vs Week 1
10538413	NM_199143 // Znrf2 // zinc and ring finger 2 // 6 B3|6 26.0 cM // 387524 /// ENS	Znrf2	1.60384E-07	2.35276	Week 8 up vs Week 1
10474171	NM_010125 // Elf5 // E74-like factor 5 // 2 E3 // 13711 /// NM_001145813 // Elf5	Elf5	1.02719E-08	2.35394	Week 8 up vs Week 1
10581645	NM_028584 // Marveld3 // MARVEL (membrane-associating) domain containing 3 // 8	Marveld3	3.27738E-08	2.35417	Week 8 up vs Week 1
10551226	NM_009997 // Cyp2a4 // cytochrome P450, family 2, subfamily a, polypeptide 4 //	Cyp2a4	0.00305948	2.35504	Week 8 up vs Week 1
10387821	NM_007440 // Alox12 // arachidonate 12-lipoxygenase // 11 B3|11 40.0 cM // 11684	Alox12	7.95947E-07	2.35523	Week 8 up vs Week 1
10347928	NM_175397 // Sp110 // Sp110 nuclear body protein // 1 C5 // 109032 /// AY845948	Sp110	1.10923E-07	2.3568	Week 8 up vs Week 1
10582874	NM_175397 // Sp110 // Sp110 nuclear body protein // 1 C5 // 109032 /// AY845948	Sp110	1.10923E-07	2.3568	Week 8 up vs Week 1
10464997	---		5.60278E-06	2.35708	Week 8 up vs Week 1
10380896	NM_001003817 // Erbb2 // v-erb-b2 erythroblastic leukemia viral oncogene homolog	Erbb2	1.71291E-09	2.3616	Week 8 up vs Week 1
10459620	NM_001082553 // Rab27b // RAB27b, member RAS oncogene family // 18 E2|18 45.0 cM	Rab27b	4.56009E-05	2.36212	Week 8 up vs Week 1
10354019	BC072639 // 2010300C02Rik // RIKEN cDNA 2010300C02 gene // 1 B // 72097 /// BC02	2010300C02Rik	7.70609E-10	2.36555	Week 8 up vs Week 1
10508883	NM_001083916 // 1810019J16Rik // RIKEN cDNA 1810019J16 gene // 4 D2.3 // 69073 /	1810019J16Rik	2.43156E-09	2.36578	Week 8 up vs Week 1
10551169	NM_146184 // B3gnt8 // UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfera	B3gnt8	2.15186E-08	2.36612	Week 8 up vs Week 1
10585331	NM_176846 // Exph5 // exophilin 5 // 9 A5.3 // 320051 /// ENSMUST00000051014 //	Exph5	2.28076E-07	2.3711	Week 8 up vs Week 1
10543369	NM_153163 // Cadps2 // Ca2+-dependent activator protein for secretion 2 // 6 A3.	Cadps2	1.55614E-08	2.37175	Week 8 up vs Week 1
10442311	NM_153784 // Ccdc64b // coiled-coil domain containing 64B // 17 A3.3 // 212733 /	Ccdc64b	4.43878E-09	2.37192	Week 8 up vs Week 1
10421877	NM_019670 // Diap3 // diaphanous homolog 3 (Drosophila) // 14 D3 // 56419 /// EN	Diap3	2.79987E-06	2.37209	Week 8 up vs Week 1
10540298	NM_007697 // Chl1 // cell adhesion molecule with homology to L1CAM // --- // 126	Chl1	0.000768335	2.3764	Week 8 up vs Week 1
10591739	NM_001102404 // Acp5 // acid phosphatase 5, tartrate resistant // 9 A3|9 6.0 cM	Acp5	9.9445E-11	2.37786	Week 8 up vs Week 1
10575926	NM_026922 // Atp2c2 // ATPase, Ca++ transporting, type 2C, member 2 // 8 E1 // 6	Atp2c2	1.24926E-08	2.37837	Week 8 up vs Week 1
10605113	NM_008478 // L1cam // L1 cell adhesion molecule // X A6-B|X 29.51 cM // 16728 //	L1cam	1.51545E-07	2.37848	Week 8 up vs Week 1
10514347	NM_007670 // Cdkn2b // cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	Cdkn2b	1.58226E-08	2.38287	Week 8 up vs Week 1
10405566	NM_177809 // AU042651 // expressed sequence AU042651 // 13 B1 // 328258 /// ENSM	AU042651	2.34249E-07	2.38539	Week 8 up vs Week 1
10603936	NM_001025607 // Gm5168 // predicted gene 5168 // X A2|X // 382275 /// NM_0011049	Gm5168	0.000148958	2.38558	Week 8 up vs Week 1
10499378	NM_013658 // Sema4a // sema domain, immunoglobulin domain (Ig), transmembrane do	Sema4a	1.07447E-07	2.38683	Week 8 up vs Week 1
10362138	NM_011704 // Vnn1 // vanin 1 // 10 A1-B2 // 22361 /// ENSMUST00000041416 // Vnn1	Vnn1	1.25144E-05	2.38755	Week 8 up vs Week 1
10534945	NM_007819 // Cyp3a13 // cytochrome P450, family 3, subfamily a, polypeptide 13 /	Cyp3a13	0.00014581	2.38938	Week 8 up vs Week 1
10377790	NM_153081 // Slc16a11 // solute carrier family 16 (monocarboxylic acid transport	Slc16a11	6.14086E-06	2.39059	Week 8 up vs Week 1
10431210	NM_009528 // Wnt7b // wingless-related MMTV integration site 7B // 15 E2|15 46.9	Wnt7b	7.95143E-07	2.39836	Week 8 up vs Week 1
10444244	NM_013683 // Tap1 // transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	Tap1	1.32093E-08	2.39881	Week 8 up vs Week 1
10598192	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	1.49348E-05	2.40185	Week 8 up vs Week 1
10354003	NM_173870 // Mgat4a // mannoside acetylglucosaminyltransferase 4, isoenzyme A //	Mgat4a	1.91685E-05	2.40357	Week 8 up vs Week 1
10366848	NM_008080 // B4galnt1 // beta-1,4-N-acetyl-galactosaminyl transferase 1 // 10 D3	B4galnt1	3.98945E-10	2.40402	Week 8 up vs Week 1
10496324	NM_001135149 // Slc39a8 // solute carrier family 39 (metal ion transporter), mem	Slc39a8	0.000235239	2.40466	Week 8 up vs Week 1
10565156	NM_011983 // Homer2 // homer homolog 2 (Drosophila) // 7 D3 // 26557 /// ENSMUST	Homer2	9.78349E-05	2.41023	Week 8 up vs Week 1
10599088	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	1.17508E-05	2.41157	Week 8 up vs Week 1

10566358	NM_009099 // Trim30 // tripartite motif-containing 30 // 7 E3|7 50.4 cM // 20128	Trim30	7.84401E-05	2.41418	Week 8 up vs Week 1
10345675	NM_008719 // Npas2 // neuronal PAS domain protein 2 // 1 B|1 20.0 cM // 18143 //	Npas2	8.57178E-09	2.41568	Week 8 up vs Week 1
10522051	NM_008453 // Klf3 // Kruppel-like factor 3 (basic) // 5 C3.1 // 16599 /// DQ9818	Klf3	1.85171E-08	2.41591	Week 8 up vs Week 1
10370497	NM_172134 // Pdxk // pyridoxal (pyridoxine, vitamin B6) kinase // 10 C1|10 42.1	Pdxk	2.18113E-07	2.41664	Week 8 up vs Week 1
10555118	NM_011035 // Pak1 // p21 protein (Cdc42/Rac)-activated kinase 1 // 7 E2|7 46.5 c	Pak1	3.49702E-05	2.4169	Week 8 up vs Week 1
10374777	NM_146015 // Efemp1 // epidermal growth factor-containing fibulin-like extracell	Efemp1	5.11844E-05	2.41872	Week 8 up vs Week 1
10555460	NM_019990 // Stard10 // START domain containing 10 // 7 E3 // 56018 /// ENSMUST0	Stard10	1.34357E-08	2.42394	Week 8 up vs Week 1
10565962	NM_008773 // P2ry2 // purinergic receptor P2Y, G-protein coupled 2 // 7 F1 // 18	P2ry2	5.16394E-06	2.42566	Week 8 up vs Week 1
10490845	NM_025519 // Chmp4c // chromatin modifying protein 4C // 3 A1 // 66371 /// BC117	Chmp4c	0.000010734	2.43305	Week 8 up vs Week 1
10420957	NM_001162365 // Ptk2b // PTK2 protein tyrosine kinase 2 beta // 14 D1|14 28.0 cM	Ptk2b	1.56634E-07	2.43409	Week 8 up vs Week 1
10467420	NM_016861 // Pdlim1 // PDZ and LIM domain 1 (elfin) // 19 D1 // 54132 /// ENSMUS	Pdlim1	7.19977E-06	2.43527	Week 8 up vs Week 1
10395155	BC085288 // Fam110c // family with sequence similarity 110, member C // 12 A2 //	Fam110c	3.78446E-06	2.43557	Week 8 up vs Week 1
10561527	NM_021895 // Actn4 // actinin alpha 4 // 7 A3 // 60595 /// ENSMUST00000068045 //	Actn4	9.5322E-08	2.43715	Week 8 up vs Week 1
10547056	NM_144805 // Tmem40 // transmembrane protein 40 // 6 E3 // 94346 /// ENSMUST0000	Tmem40	1.17802E-07	2.44095	Week 8 up vs Week 1
10408739	NM_023842 // Dsp // desmoplakin // 13 A3.3 // 109620 /// ENSMUST00000078232 // G	Dsp	4.2531E-10	2.44183	Week 8 up vs Week 1
10432511	NM_012025 // Racgap1 // Rac GTPase-activating protein 1 // 15 F1 // 26934 /// EN	Racgap1	0.000136668	2.44445	Week 8 up vs Week 1
10349876	NM_182930 // Plekha6 // pleckstrin homology domain containing, family A member 6	Plekha6	7.00893E-10	2.44871	Week 8 up vs Week 1
10396952	NM_001033149 // Ttc9 // tetratricopeptide repeat domain 9 // 12 D1 // 69480 ///	Ttc9	9.35813E-06	2.44967	Week 8 up vs Week 1
10599956	XM_001474469 // LOC100040304 // similar to syndecan-1 // X A7.1 // 100040304	LOC100040304	2.22048E-07	2.45374	Week 8 up vs Week 1
10511309	AK137636 // 9930005F22Rik // RIKEN cDNA 9930005F22 gene // 4 E2 // 435821	9930005F22Rik	1.10651E-10	2.45471	Week 8 up vs Week 1
10385175	NM_170779 // Wwc1 // WW, C2 and coiled-coil domain containing 1 // 11 A4 // 2116	Wwc1	9.56595E-07	2.45511	Week 8 up vs Week 1
10462390	NM_021893 // Cd274 // CD274 antigen // 19 C2 // 60533 /// ENSMUST00000016640 //	Cd274	6.66763E-07	2.45531	Week 8 up vs Week 1
10398885	NM_001024602 // AW555464 // expressed sequence AW555464 // 12 F1|12 52.67 cM //	AW555464	5.97235E-09	2.45665	Week 8 up vs Week 1
10582582	---		0.0100268	2.45846	Week 8 up vs Week 1
10582584	---		0.0100268	2.45846	Week 8 up vs Week 1
10379636	NM_011410 // Slfn4 // schlafen 4 // 11 C // 20558 /// ENSMUST00000000208 // Slfn	Slfn4	4.10369E-05	2.46076	Week 8 up vs Week 1
10496438	NM_007409 // Adh1 // alcohol dehydrogenase 1 (class I) // 3 G3|3 71.2 cM // 1152	Adh1	0.000185908	2.46442	Week 8 up vs Week 1
10444780	NM_010380 // H2-D1 // histocompatibility 2, D region locus 1 // 17 B1|17 19.09 c	H2-D1	6.69E-13	2.46562	Week 8 up vs Week 1
10438753	NM_173379 // Leprel1 // leprecan-like 1 // 16 B1 // 210530 /// ENSMUST0000003999	Leprel1	3.62114E-09	2.46798	Week 8 up vs Week 1
10382316	NM_010604 // Kcnj16 // potassium inwardly-rectifying channel, subfamily J, membe	Kcnj16	3.03547E-07	2.47102	Week 8 up vs Week 1
10459288	NM_007420 // Adrb2 // adrenergic receptor, beta 2 // 18 E1|18 34.0 cM // 11555 /	Adrb2	1.86959E-05	2.47617	Week 8 up vs Week 1
10569038	NM_178381 // Ano9 // anoctamin 9 // 7 F5 // 71345	Ano9	4.46717E-08	2.47992	Week 8 up vs Week 1
10446739	NM_030179 // Clip4 // CAP-GLY domain containing linker protein family, member 4	Clip4	4.19354E-07	2.48046	Week 8 up vs Week 1
10447361	NM_028639 // Ttc7 // tetratricopeptide repeat domain 7 // 17 E4 // 225049 /// EN	Ttc7	2.18659E-09	2.4805	Week 8 up vs Week 1
10559043	NM_010844 // Muc5ac // mucin 5, subtypes A and C, tracheobronchial/gastric // 7	Muc5ac	1.38932E-06	2.48088	Week 8 up vs Week 1
10463945	NM_001085390 // Dusp5 // dual specificity phosphatase 5 // 19 D2 // 240672 /// E	Dusp5	2.83862E-09	2.48539	Week 8 up vs Week 1
10475456	NM_001099297 // Duox1 // dual oxidase 1 // 2 E5 // 99439 /// ENSMUST00000099461	Duox1	5.66984E-07	2.4879	Week 8 up vs Week 1
10526410	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	4.85899E-06	2.48823	Week 8 up vs Week 1
10486988	NM_145395 // Duoxa1 // dual oxidase maturation factor 1 // 2 E5 // 213696 /// EN	Duoxa1	2.66149E-07	2.49479	Week 8 up vs Week 1
10467206	NM_016854 // Ppp1r3c // protein phosphatase 1, regulatory (inhibitor) subunit 3C	Ppp1r3c	0.00111524	2.49912	Week 8 up vs Week 1
10605338	NM_008062 // G6pdx // glucose-6-phosphate dehydrogenase X-linked // X A2-A3|X 30	G6pdx	5.98114E-06	2.50035	Week 8 up vs Week 1
10347948	NM_013673 // Sp100 // nuclear antigen Sp100 // 1 C5|1 50.0 cM // 20684 /// ENSMU	Sp100	3.10935E-06	2.5026	Week 8 up vs Week 1
10443527	NM_008842 // Pim1 // proviral integration site 1 // 17 A3.3|17 16.4 cM // 18712	Pim1	8.07233E-09	2.5032	Week 8 up vs Week 1
10493824	NM_199422 // S100a7a // S100 calcium binding protein A7A // 3 F1 // 381493 /// E	S100a7a	2.39838E-07	2.50422	Week 8 up vs Week 1
10425138	NM_009164 // Sh3bp1 // SH3-domain binding protein 1 // 15 E1 // 20401 /// ENSMUS	Sh3bp1	1.62409E-09	2.50598	Week 8 up vs Week 1
10427468	---		2.00956E-06	2.50681	Week 8 up vs Week 1
10351259	NM_054087 // Slc19a2 // solute carrier family 19 (thiamine transporter), member	Slc19a2	0.000432191	2.50697	Week 8 up vs Week 1
10409240	NM_013660 // Sema4d // sema domain, immunoglobulin domain (Ig), transmembrane do	Sema4d	2.00717E-08	2.50851	Week 8 up vs Week 1
10574532	NM_145603 // Ces2 // carboxylesterase 2 // 8 D3 // 234671 /// NM_172759 // Ces5	Ces2	4.31071E-08	2.51078	Week 8 up vs Week 1
10551638	NM_008496 // Lgals7 // lectin, galactose binding, soluble 7 // 7 A3 // 16858 ///	Lgals7	1.04064E-06	2.51226	Week 8 up vs Week 1
10444298	NM_010382 // H2-Eb1 // histocompatibility 2, class II antigen E beta // 17 B1|17	H2-Eb1	1.13295E-10	2.51647	Week 8 up vs Week 1
10415388	NM_020490 // Ltb4r2 // leukotriene B4 receptor 2 // 14 C1 // 57260 /// ENSMUST00	Ltb4r2	3.14822E-09	2.52529	Week 8 up vs Week 1
10439268	NM_001013371 // Dtx3l // deltex 3-like (Drosophila) // 16 B3 // 209200 /// NM_03	Dtx3l	3.89729E-06	2.52595	Week 8 up vs Week 1
10479925	NM_001159657 // 5430407P10Rik // RIKEN cDNA 5430407P10 gene // 2 A1 // 227545 //	5430407P10Rik	2.28861E-08	2.53115	Week 8 up vs Week 1
10391207	NM_030150 // Dhx58 // DEXH (Asp-Glu-X-His) box polypeptide 58 // 11 D|11 61.5 cM	Dhx58	3.40288E-08	2.53571	Week 8 up vs Week 1
10439249	NM_001039530 // Parp14 // poly (ADP-ribose) polymerase family, member 14 // 16 B	Parp14	3.89808E-07	2.53663	Week 8 up vs Week 1
10441254	NM_015775 // Tmprss2 // transmembrane protease, serine 2 // 16 C2|16 20.65 cM //	Tmprss2	2.49045E-09	2.53783	Week 8 up vs Week 1
10478114	NM_001145015 // Gm14203 // predicted gene 14203 // 2 H1 // 545481 /// ENSMUST000	Gm14203	1.40652E-09	2.53858	Week 8 up vs Week 1
10607738	NM_181315 // Car5b // carbonic anhydrase 5b, mitochondrial // X F5 // 56078 ///	Car5b	0.000306915	2.54139	Week 8 up vs Week 1
10550978	NM_001102613 // Phldb3 // pleckstrin homology-like domain, family B, member 3 //	Phldb3	1.42585E-09	2.54257	Week 8 up vs Week 1
10603926	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	2.74002E-05	2.54321	Week 8 up vs Week 1
10443408	NM_011950 // Mapk13 // mitogen-activated protein kinase 13 // 17 A3-B // 26415 /	Mapk13	1.24371E-07	2.54488	Week 8 up vs Week 1
10530819	NM_175606 // Hopx // HOP homeobox // 5 C3.3 // 74318 /// NM_001159900 // Hopx //	Hopx	2.46178E-05	2.54531	Week 8 up vs Week 1
10507551	BC022764 // 2610528J11Rik // RIKEN cDNA 2610528J11 gene // 4 D1 // 66451 /// ENS	2610528J11Rik	6.8163E-07	2.5505	Week 8 up vs Week 1
10391895	NM_133715 // Arhgap27 // Rho GTPase activating protein 27 // 11 E1 // 544817 ///	Arhgap27	6.90609E-08	2.55243	Week 8 up vs Week 1

10487577	NM_181589 // Ckap2l // cytoskeleton associated protein 2-like // 2 F1 // 70466 /	Ckap2l	2.92402E-06	2.55297	Week 8 up vs Week 1
10403834	NM_016687 // Sfrp4 // secreted frizzled-related protein 4 // 13 A2|13 7.0 cM //	Sfrp4	0.0008867	2.55418	Week 8 up vs Week 1
10429564	NM_010738 // Ly6a // lymphocyte antigen 6 complex, locus A // 15 D3|15 42.7 cM /	Ly6a	3.72471E-05	2.55672	Week 8 up vs Week 1
10422280	NM_001033336 // Abcc4 // ATP-binding cassette, sub-family C (CFTR/MRP), member 4	Abcc4	2.26587E-10	2.56001	Week 8 up vs Week 1
10592535	NM_011436 // Sorl1 // sortilin-related receptor, LDLR class A repeats-containing	Sorl1	1.05865E-07	2.5606	Week 8 up vs Week 1
10390691	NM_145434 // Nr1d1 // nuclear receptor subfamily 1, group D, member 1 // 11 D //	Nr1d1	1.05294E-09	2.56076	Week 8 up vs Week 1
10405587	NM_009369 // Tgfbi // transforming growth factor, beta induced // 13 38.0 cM //	Tgfbi	0.000177098	2.56297	Week 8 up vs Week 1
10377588	NM_009235 // Sox15 // SRY-box containing gene 15 // 11 B3|11 39.0 cM // 20670 //	Sox15	2.27293E-07	2.56593	Week 8 up vs Week 1
10444258	NM_010724 // Psmb8 // proteasome (prosome, macropain) subunit, beta type 8 (larg	Psmb8	6.97299E-09	2.57452	Week 8 up vs Week 1
10502590	NM_207208 // Clca6 // chloride channel calcium activated 6 // 3 H2 // 99663 ///	Clca6	1.65521E-06	2.57728	Week 8 up vs Week 1
10443131	NM_080553 // Itpr3 // inositol 1,4,5-triphosphate receptor 3 // 17 A3.3|17 19.0	Itpr3	1.53135E-09	2.57831	Week 8 up vs Week 1
10552480	NM_019974 // Klk11 // kallikrein related-peptidase 11 // 7 B4 // 56538 /// ENSMU	Klk11	3.81226E-07	2.58027	Week 8 up vs Week 1
10460423	NM_021287 // Spnb3 // spectrin beta 3 // 19 A|19 0.0 cM // 20743 /// ENSMUST0000	Spnb3	3.9335E-06	2.58102	Week 8 up vs Week 1
10462623	NM_008331 // Ifit1 // interferon-induced protein with tetratricopeptide repeats	Ifit1	0.000248222	2.58188	Week 8 up vs Week 1
10450374	L78788 // D17H6S56E-5 // DNA segment, Chr 17, human D6S56E 5 // 17 B1|17 19.0 cM	D17H6S56E-5	7.44549E-06	2.58541	Week 8 up vs Week 1
10454172	NM_007883 // Dsg2 // desmoglein 2 // 18 A2|18 7.05 cM // 13511 /// ENSMUST000000	Dsg2	3.89935E-05	2.58649	Week 8 up vs Week 1
10416800	NM_201529 // Lmo7 // LIM domain only 7 // 14 E2.3 // 380928 /// ENSMUST000001003	Lmo7	1.89418E-06	2.5897	Week 8 up vs Week 1
10520950	NM_016861 // Pdlim1 // PDZ and LIM domain 1 (elfin) // 19 D1 // 54132 /// ENSMUS	Pdlim1	2.96729E-06	2.58976	Week 8 up vs Week 1
10578203	NM_027998 // Cldn23 // claudin 23 // 8 B1.1 // 71908 /// ENSMUST00000060128 // C	Cldn23	3.00406E-07	2.59044	Week 8 up vs Week 1
10478525	NM_026323 // Wfdc2 // WAP four-disulfide core domain 2 // 2 H3 // 67701 /// ENSM	Wfdc2	1.89528E-07	2.59965	Week 8 up vs Week 1
10493990	NM_016740 // S100a11 // S100 calcium binding protein A11 (calgizzarin) // 3 E-F	S100a11	1.06569E-07	2.60088	Week 8 up vs Week 1
10542911	NM_010156 // Samd9l // sterile alpha motif domain containing 9-like // 6 A1-A2 /	Samd9l	0.000015201	2.60233	Week 8 up vs Week 1
10504470	NM_010790 // Melk // maternal embryonic leucine zipper kinase // 4 B1|4 26.7 cM	Melk	3.58249E-06	2.60491	Week 8 up vs Week 1
10568714	NM_001081117 // Mki67 // antigen identified by monoclonal antibody Ki 67 // 7 F3	Mki67	2.88681E-05	2.60929	Week 8 up vs Week 1
10552252	NM_001085385 // 1600014C10Rik // RIKEN cDNA 1600014C10 gene // 7 B1 // 72244 ///	1600014C10Rik	6.57375E-06	2.6118	Week 8 up vs Week 1
10594277	NM_028748 // Paqr5 // progestin and adipoQ receptor family member V // 9 C // 74	Paqr5	1.24002E-05	2.61405	Week 8 up vs Week 1
10512766	NM_029077 // Trim14 // tripartite motif-containing 14 // 4 B2 // 74735 /// ENSMU	Trim14	3.09553E-09	2.61615	Week 8 up vs Week 1
10592050	NM_013800 // Barx2 // BarH-like homeobox 2 // 9 A4 // 12023 /// ENSMUST000001166	Barx2	2.86741E-06	2.61638	Week 8 up vs Week 1
10351873	NM_175026 // Pyhin1 // pyrin and HIN domain family, member 1 // 1 H3 // 236312 /	Pyhin1	0.00001708	2.61665	Week 8 up vs Week 1
10565775	NM_026384 // Dgat2 // diacylglycerol O-acyltransferase 2 // 7 F1 // 67800 /// EN	Dgat2	1.45097E-07	2.61731	Week 8 up vs Week 1
10410776	---		0.00028489	2.6177	Week 8 up vs Week 1
10587699	NM_011245 // Rasgrf1 // RAS protein-specific guanine nucleotide-releasing factor	Rasgrf1	2.96003E-05	2.61865	Week 8 up vs Week 1
10467508	NM_008528 // Blnk // B-cell linker // 19 C3|19 31.0 cM // 17060 /// ENSMUST00000	Blnk	4.24374E-08	2.61953	Week 8 up vs Week 1
10603953	NM_001040669 // Gm5169 // predicted gene 5169 // X A2 // 382277 /// NM_001109970	Gm5169	6.67695E-05	2.61956	Week 8 up vs Week 1
10443764	NM_153062 // Slc37a1 // solute carrier family 37 (glycerol-3-phosphate transport	Slc37a1	2.04393E-09	2.62161	Week 8 up vs Week 1
10552156	NM_027897 // Rhpn2 // rhophilin, Rho GTPase binding protein 2 // 7 B1-B2|7 11.0	Rhpn2	8.75071E-06	2.62693	Week 8 up vs Week 1
10351623	NM_172647 // F11r // F11 receptor // 1 H2|1 93.3 cM // 16456 /// ENSMUST00000043	F11r	2.21196E-07	2.62983	Week 8 up vs Week 1
10485405	NM_009851 // Cd44 // CD44 antigen // 2 E2|2 56.0 cM // 12505 /// NM_001039150 //	Cd44	0.000467719	2.63111	Week 8 up vs Week 1
10605051	NM_011907 // Trex2 // three prime repair exonuclease 2 // X A6 // 24102 /// ENSM	Trex2	2.79054E-07	2.6349	Week 8 up vs Week 1
10562223	NM_008557 // Fxyd3 // FXYD domain-containing ion transport regulator 3 // 7 B1 /	Fxyd3	5.20998E-06	2.64405	Week 8 up vs Week 1
10439895	NM_009655 // Alcam // activated leukocyte cell adhesion molecule // 16 B5 // 116	Alcam	7.92609E-06	2.64476	Week 8 up vs Week 1
10492300	NM_023383 // Aadac // arylacetamide deacetylase (esterase) // 3 D // 67758 /// E	Aadac	1.1262E-10	2.65498	Week 8 up vs Week 1
10496457	ENSMUST00000090166 // Adh6b // alcohol dehydrogenase 6B (class V) // 3 G3 // 229	Adh6b	0.00180129	2.66398	Week 8 up vs Week 1
10474102	---		0.00033	2.66837	Week 8 up vs Week 1
10457640	NM_016740 // S100a11 // S100 calcium binding protein A11 (calgizzarin) // 3 E-F	S100a11	1.41825E-07	2.67222	Week 8 up vs Week 1
10598073	---		0.000006301	2.67576	Week 8 up vs Week 1
10425421	NM_145986 // Fam83f // family with sequence similarity 83, member F // 15 E1 //	Fam83f	5.80837E-10	2.6763	Week 8 up vs Week 1
10603346	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// NM	Plp2	3.35559E-06	2.68133	Week 8 up vs Week 1
10432907	NM_212487 // Krt78 // keratin 78 // 15 F3 // 332131 /// ENSMUST00000062260 // Kr	Krt78	8.93056E-07	2.6843	Week 8 up vs Week 1
10586744	NM_007585 // Anxa2 // annexin A2 // 9 C|9 37.0 cM // 12306 /// ENSMUST0000003475	Anxa2	1.52683E-07	2.68467	Week 8 up vs Week 1
10349295	NM_023755 // Tcfcp2l1 // transcription factor CP2-like 1 // 1 E2 // 81879 /// EN	Tcfcp2l1	4.25734E-10	2.68612	Week 8 up vs Week 1
10598083	---		6.79611E-06	2.68731	Week 8 up vs Week 1
10494889	NM_177857 // Dennd2c // DENN/MADD domain containing 2C // 3 F2.2 // 329727 /// E	Dennd2c	6.05131E-07	2.68772	Week 8 up vs Week 1
10584835	NM_176993 // Mpzl3 // myelin protein zero-like 3 // 9 A5.2 // 319742 /// NM_0010	Mpzl3	8.00718E-08	2.69108	Week 8 up vs Week 1
10523175	NM_007950 // Ereg // epiregulin // 5 E1 // 13874 /// ENSMUST00000031324 // Ereg	Ereg	1.47896E-06	2.70569	Week 8 up vs Week 1
10428089	NM_145469 // Nipal2 // NIPA-like domain containing 2 // 15 B3.1 // 223473 /// EN	Nipal2	1.64033E-06	2.70655	Week 8 up vs Week 1
10532857	NM_019821 // Gltp // glycolipid transfer protein // 5 F // 56356 /// ENSMUST0000	Gltp	8.88291E-10	2.71219	Week 8 up vs Week 1
10517587	NM_007431 // Alpl // alkaline phosphatase, liver/bone/kidney // 4 D3|4 70.2 cM /	Alpl	9.28614E-07	2.71279	Week 8 up vs Week 1
10599064	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.55816E-05	2.71291	Week 8 up vs Week 1
10474793	NM_001033254 // Pak6 // p21 protein (Cdc42/Rac)-activated kinase 6 // 2 E5 // 21	Pak6	3.82593E-08	2.71333	Week 8 up vs Week 1
10348354	NM_201644 // Ugt1a9 // UDP glucuronosyltransferase 1 family, polypeptide A9 // 1	Ugt1a9	1.44515E-07	2.71853	Week 8 up vs Week 1
10507177	NM_001100181 // Cyp4a32 // cytochrome P450, family 4, subfamily a, polypeptide 3	Cyp4a32	1.578E-12	2.7227	Week 8 up vs Week 1
10565712	NM_025408 // Acer3 // alkaline ceramidase 3 // 7 E2 // 66190 /// ENSMUST00000033	Acer3	3.22437E-05	2.72321	Week 8 up vs Week 1
10439292	NM_001082546 // BC100530 // cDNA sequence BC100530 // 16 B3 // 100034684 /// NM_	BC100530	0.000225034	2.73364	Week 8 up vs Week 1
10383289	NM_130862 // Baiap2 // brain-specific angiogenesis inhibitor 1-associated protei	Baiap2	6.95726E-09	2.73395	Week 8 up vs Week 1

10599084	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	3.86926E-05	2.73466	Week 8 up vs Week 1
10486197	NM_145530 // Rhov // ras homolog gene family, member V // 2 E5 // 228543 /// ENS	Rhov	2.44306E-07	2.73548	Week 8 up vs Week 1
10431410	NM_011161 // Mapk11 // mitogen-activated protein kinase 11 // --- // 19094 /// E	Mapk11	7.69504E-09	2.7417	Week 8 up vs Week 1
10559185	NM_018802 // Syt8 // synaptotagmin VIII // 7 F5 // 55925 /// ENSMUST00000118276	Syt8	1.79175E-06	2.74854	Week 8 up vs Week 1
10493820	NM_011313 // S100a6 // S100 calcium binding protein A6 (calcyclin) // 3 F1-F2|3	S100a6	2.06176E-06	2.74867	Week 8 up vs Week 1
10585381	NM_028060 // Slc35f2 // solute carrier family 35, member F2 // 9 A5.3 // 72022 /	Slc35f2	0.000173518	2.75132	Week 8 up vs Week 1
10533246	NM_011852 // Oas1g // 2'-5' oligoadenylate synthetase 1G // 5 F|5 67.0 cM // 239	Oas1g	3.38585E-07	2.75152	Week 8 up vs Week 1
10408928	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	6.4665E-07	2.75274	Week 8 up vs Week 1
10338066	---		8.57133E-08	2.7547	Week 8 up vs Week 1
10476033	NM_183262 // Stk35 // serine/threonine kinase 35 // 2 F1 // 67333 /// NM_0010386	Stk35	7.09849E-05	2.75821	Week 8 up vs Week 1
10345777	NM_133193 // Il1rl2 // interleukin 1 receptor-like 2 // 1 B // 107527 /// ENSMUS	Il1rl2	6.1334E-07	2.76153	Week 8 up vs Week 1
10598227	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	4.47872E-05	2.76645	Week 8 up vs Week 1
10399465	NM_029007 // Fam84a // family with sequence similarity 84, member A // 12 A3 //	Fam84a	0.000111832	2.77451	Week 8 up vs Week 1
10474341	ENSMUST00000099638 // Dcdc5 // doublecortin domain containing 5 // 2 E3 // 32948	Dcdc5	1.85187E-06	2.77858	Week 8 up vs Week 1
10360522	NM_007422 // Adss // adenylosuccinate synthetase, non muscle // 1 H4 // 11566 //	Adss	8.71135E-07	2.77962	Week 8 up vs Week 1
10485624	NM_178695 // Prrg4 // proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane	Prrg4	2.9465E-07	2.7835	Week 8 up vs Week 1
10438592	NM_001083894 // Liph // lipase, member H // 16 B1|16 14.8 cM // 239759 /// NM_15	Liph	0.000218752	2.78531	Week 8 up vs Week 1
10545921	NM_010751 // Mxd1 // MAX dimerization protein 1 // 6 D1|6 35.3 cM // 17119 /// E	Mxd1	1.42541E-08	2.78709	Week 8 up vs Week 1
10411359	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// NM	Plp2	2.03008E-06	2.79091	Week 8 up vs Week 1
10349157	NM_011111 // Serpinb2 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb2	9.88153E-08	2.79586	Week 8 up vs Week 1
10411633	NM_008670 // Naip1 // NLR family, apoptosis inhibitory protein 1 // 13 D1-D3|13	Naip1	4.78965E-08	2.80276	Week 8 up vs Week 1
10408557	NM_025429 // Serpinb1a // serine (or cysteine) peptidase inhibitor, clade B, mem	Serpinb1a	4.05871E-06	2.80302	Week 8 up vs Week 1
10599096	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.000039994	2.81614	Week 8 up vs Week 1
10603975	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.000039994	2.81614	Week 8 up vs Week 1
10409170	NM_015759 // Fgd3 // FYVE, RhoGEF and PH domain containing 3 // 13 A5|13 31.0 cM	Fgd3	2.08159E-08	2.82021	Week 8 up vs Week 1
10472235	NM_029723 // Dapl1 // death associated protein-like 1 // 2 C3 // 76747 /// ENSMU	Dapl1	0.00443496	2.82554	Week 8 up vs Week 1
10608697	---		3.43827E-08	2.83706	Week 8 up vs Week 1
10404402	NM_008239 // Foxq1 // forkhead box Q1 // 13 A3.2|13 17.0 cM // 15220 /// ENSMUST	Foxq1	1.73295E-08	2.84021	Week 8 up vs Week 1
10599075	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	5.12913E-05	2.84136	Week 8 up vs Week 1
10599107	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	5.12913E-05	2.84136	Week 8 up vs Week 1
10603964	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	5.12913E-05	2.84136	Week 8 up vs Week 1
10603997	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	5.12913E-05	2.84136	Week 8 up vs Week 1
10604008	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	5.12913E-05	2.84136	Week 8 up vs Week 1
10430166	NM_029419 // Apol7a // apolipoprotein L 7a // 15 E1 // 75761 /// ENSMUST00000109	Apol7a	4.97327E-08	2.84308	Week 8 up vs Week 1
10591643	NM_031874 // Rab3d // RAB3D, member RAS oncogene family // 9 A2-A3 // 19340 ///	Rab3d	2.73089E-06	2.84785	Week 8 up vs Week 1
10564417	NM_053080 // Aldh1a3 // aldehyde dehydrogenase family 1, subfamily A3 // 7 C //	Aldh1a3	3.56899E-06	2.84797	Week 8 up vs Week 1
10349580	NM_011082 // Pigr // polymeric immunoglobulin receptor // 1 E3|1 68.2 cM // 1870	Pigr	4.34569E-09	2.84935	Week 8 up vs Week 1
10547621	NM_031159 // Apobec1 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec1	6.386E-11	2.85223	Week 8 up vs Week 1
10603986	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.24987E-05	2.86326	Week 8 up vs Week 1
10604023	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	3.24987E-05	2.86326	Week 8 up vs Week 1
10349872	---		4.21622E-10	2.87286	Week 8 up vs Week 1
10537169	NM_009731 // Akr1b7 // aldo-keto reductase family 1, member B7 // 6 B1|6 14.0 cM	Akr1b7	0.000103209	2.87519	Week 8 up vs Week 1
10526452	NM_027158 // 2310043J07Rik // RIKEN cDNA 2310043J07 gene // --- // 69665 /// ENS	2310043J07Rik	0.000237253	2.87994	Week 8 up vs Week 1
10509267	NM_009523 // Wnt4 // wingless-related MMTV integration site 4 // 4 D3 // 22417 /	Wnt4	5.31545E-08	2.88539	Week 8 up vs Week 1
10442381	NM_175440 // Prss27 // protease, serine 27 // 17 A3.3|17 10.6 cM // 213171 /// E	Prss27	2.91575E-07	2.89353	Week 8 up vs Week 1
10394954	NM_001161406 // Grhl1 // grainyhead-like 1 (Drosophila) // 12 A1.3 // 195733 ///	Grhl1	2.97035E-07	2.89823	Week 8 up vs Week 1
10450367	NM_010479 // Hspa1a // heat shock protein 1A // 17 B1 // 193740 /// NM_010478 //	Hspa1a	0.000011466	2.91979	Week 8 up vs Week 1
10410656	NM_009817 // Cast // calpastatin // 13 C1 // 12380 /// ENSMUST00000065629 // Cas	Cast	1.23059E-08	2.92429	Week 8 up vs Week 1
10352838	NM_008484 // Lamb3 // laminin, beta 3 // 1 H2-H6|1 104.0 cM // 16780 /// ENSMUST	Lamb3	2.45004E-08	2.92594	Week 8 up vs Week 1
10601044	NM_023608 // Gdpd2 // glycerophosphodiester phosphodiesterase domain containing	Gdpd2	1.05316E-08	2.93011	Week 8 up vs Week 1
10495147	NM_001093754 // Dennd2d // DENN/MADD domain containing 2D // 3 F2.3 // 72121 ///	Dennd2d	1.48507E-07	2.9407	Week 8 up vs Week 1
10471535	NM_146119 // Fam129b // family with sequence similarity 129, member B // 2 B //	Fam129b	8.30959E-08	2.94228	Week 8 up vs Week 1
10517213	NM_001081047 // Cnksr1 // connector enhancer of kinase suppressor of Ras 1 // 4	Cnksr1	3.0418E-08	2.95255	Week 8 up vs Week 1
10598057	---		7.85533E-05	2.95327	Week 8 up vs Week 1
10594251	NM_024245 // Kif23 // kinesin family member 23 // 9 B // 71819 /// ENSMUST000000	Kif23	1.56693E-05	2.95799	Week 8 up vs Week 1
10565705	NM_011010 // Omp // olfactory marker protein // 7 E2|7 48.0 cM // 18378 /// ENSM	Omp	2.95708E-09	2.95865	Week 8 up vs Week 1
10598220			0.000171488	2.9638	Week 8 up vs Week 1
10429772	NM_144848 // Eppk1 // epiplakin 1 // 15 D3 // 223650 /// AY312170 // Eppk1 // ep	Eppk1	1.35344E-08	2.96482	Week 8 up vs Week 1
10431229	NM_009886 // Celsr1 // cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo	Celsr1	4.99207E-08	2.96491	Week 8 up vs Week 1
10396440	XM_204772 // Gm5068 // predicted gene 5068 // 12 C3 // 277089	Gm5068	4.74126E-09	2.96749	Week 8 up vs Week 1
10355312	NM_011770 // Ikzf2 // IKAROS family zinc finger 2 // 1 C3 // 22779 /// ENSMUST00	Ikzf2	1.68094E-06	2.96751	Week 8 up vs Week 1
10499348	NM_024246 // Tmem79 // transmembrane protein 79 // 3 F1 // 71913 /// ENSMUST0000	Tmem79	1.88496E-08	2.98112	Week 8 up vs Week 1
10548011	NM_198604 // Plekhg6 // pleckstrin homology domain containing, family G (with Rh	Plekhg6	2.17033E-08	2.98864	Week 8 up vs Week 1
10486681	NM_028799 // Tgm5 // transglutaminase 5 // 2 E5 // 74176 /// ENSMUST00000028721	Tgm5	2.63566E-10	2.99496	Week 8 up vs Week 1
10598079	---		2.31251E-06	3.00258	Week 8 up vs Week 1

10349562	NM_177604 // AA986860 // expressed sequence AA986860 // 1 E4 // 212439 /// ENSMU	AA986860	6.3058E-08	3.00313	Week 8 up vs Week 1
10405355	NM_153131 // Unc5a // unc-5 homolog A (C. elegans) // 13 B1 // 107448 /// ENSMUS	Unc5a	2.88706E-08	3.00412	Week 8 up vs Week 1
10603232	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.000116219	3.00437	Week 8 up vs Week 1
10603237	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.000116219	3.00437	Week 8 up vs Week 1
10517609	NM_028176 // Cda // cytidine deaminase // 4 D3 // 72269 /// ENSMUST00000030535 /	Cda	3.84318E-09	3.00447	Week 8 up vs Week 1
10434778	NM_023386 // Rtp4 // receptor transporter protein 4 // 16 B1 // 67775 /// ENSMUS	Rtp4	3.24364E-05	3.0061	Week 8 up vs Week 1
10588731	NM_009074 // Mst1r // macrophage stimulating 1 receptor (c-met-related tyrosine	Mst1r	2.65817E-08	3.01736	Week 8 up vs Week 1
10432767	NR_003960 // Gm5478 // predicted gene 5478 // 15 F2|15 // 432987	Gm5478	4.89965E-08	3.01931	Week 8 up vs Week 1
10473022	NM_019755 // Plp2 // proteolipid protein 2 // X A2-A3.1|X 1.6 cM // 18824 /// EN	Plp2	5.45832E-07	3.01992	Week 8 up vs Week 1
10568332	NM_133351 // Prss8 // protease, serine, 8 (prostasin) // 7 F3 // 76560 /// ENSMU	Prss8	4.10203E-06	3.02959	Week 8 up vs Week 1
10407420	NM_019671 // Net1 // neuroepithelial cell transforming gene 1 // 13 A1 // 56349	Net1	4.86634E-09	3.03522	Week 8 up vs Week 1
10542355	NM_010128 // Emp1 // epithelial membrane protein 1 // 6 G1|6 65.0 cM // 13730 //	Emp1	3.46878E-07	3.03722	Week 8 up vs Week 1
10598225	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.000135402	3.04538	Week 8 up vs Week 1
10575052	NM_009864 // Cdh1 // cadherin 1 // 8 D|8 53.3 cM // 12550 /// ENSMUST00000000312	Cdh1	7.1848E-09	3.05178	Week 8 up vs Week 1
10373610	NM_146318 // Olfr767 // olfactory receptor 767 // --- // 258315 /// ENSMUST00000	Olfr767	1.47588E-05	3.057	Week 8 up vs Week 1
10425049	NM_173743 // Apol9b // apolipoprotein L 9b // 15 E1 // 71898 /// NM_001162883 //	Apol9b	1.73872E-05	3.0666	Week 8 up vs Week 1
10342476	---		0.0101628	3.07129	Week 8 up vs Week 1
10603087	NM_027153 // Pir // pirin // X F5 // 69656 /// ENSMUST00000033749 // Pir // piri	Pir	2.31302E-09	3.07236	Week 8 up vs Week 1
10598183	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	7.57837E-05	3.07289	Week 8 up vs Week 1
10530998	NM_178730 // Tmprss11f // transmembrane protease, serine 11f // 5 E1 // 243083 /	Tmprss11f	0.000011154	3.07561	Week 8 up vs Week 1
10599086			0.000099104	3.07577	Week 8 up vs Week 1
10413542	NM_009388 // Tkt // transketolase // 14 B1 // 21881 /// ENSMUST00000022529 // Tk	Tkt	0.00100661	3.07936	Week 8 up vs Week 1
10338718	---		2.40418E-07	3.08089	Week 8 up vs Week 1
10399202	ENSMUST00000048880 // Macc1 // metastasis associated in colon cancer 1 // 12 F2	Macc1	4.55594E-06	3.08275	Week 8 up vs Week 1
10587315	NM_010357 // Gsta4 // glutathione S-transferase, alpha 4 // 9 E1 // 14860 /// EN	Gsta4	5.92866E-08	3.0852	Week 8 up vs Week 1
10434815	NM_001127259 // Trp63 // transformation related protein 63 // 16 B1|16 19.3 cM /	Trp63	3.75727E-07	3.09259	Week 8 up vs Week 1
10600093	NM_009549 // Zfp185 // zinc finger protein 185 // X A7.3|X 28.95 cM // 22673 ///	Zfp185	2.78088E-06	3.09436	Week 8 up vs Week 1
10368092	NM_019487 // Hebp2 // heme binding protein 2 // 10 A2 // 56016 /// ENSMUST000000	Hebp2	1.10764E-07	3.09963	Week 8 up vs Week 1
10533213	NM_145226 // Oas3 // 2'-5' oligoadenylate synthetase 3 // 5 F|5 67.1 cM // 24672	Oas3	1.19774E-06	3.10017	Week 8 up vs Week 1
10605571	NM_212444 // Gyk // glycerol kinase // X C-D|X 33.0 cM // 14933 /// NM_008194 //	Gyk	5.35841E-06	3.10419	Week 8 up vs Week 1
10386033	NM_001029988 // Fat2 // FAT tumor suppressor homolog 2 (Drosophila) // 11 B1.3 /	Fat2	2.97691E-10	3.10423	Week 8 up vs Week 1
10374236	NM_009477 // Upp1 // uridine phosphorylase 1 // 11 A1-2 // 22271 /// NM_00115940	Upp1	2.32702E-07	3.10666	Week 8 up vs Week 1
10376803	NM_178618 // Fam83g // family with sequence similarity 83, member G // 11 B2 //	Fam83g	1.05836E-08	3.11023	Week 8 up vs Week 1
10598218	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	8.36155E-05	3.12419	Week 8 up vs Week 1
10497501	XM_975226 // Naaladl2 // N-acetylated alpha-linked acidic dipeptidase-like 2 //	Naaladl2	0.000619694	3.12659	Week 8 up vs Week 1
10432785	NM_027011 // Krt5 // keratin 5 // 15 F2|15 58.79 cM // 110308 /// ENSMUST0000002	Krt5	8.7289E-07	3.13399	Week 8 up vs Week 1
10509965	NM_010139 // Epha2 // Eph receptor A2 // 4 D-E|4 73.2 cM // 13836 /// ENSMUST000	Epha2	1.3771E-08	3.13411	Week 8 up vs Week 1
10420488	BC145673 // D14Ertd668e // DNA segment, Chr 14, ERATO Doi 668, expressed // 14 C	D14Ertd668e	6.12686E-06	3.13569	Week 8 up vs Week 1
10584870	NM_001013373 // Tmprss13 // transmembrane protease, serine 13 // 9 A5.2 // 21453	Tmprss13	1.65602E-07	3.13773	Week 8 up vs Week 1
10430174	NM_173786 // Apol9a // apolipoprotein L 9a // 15 E1 // 223672 /// NM_001162883 /	Apol9a	1.54266E-05	3.13827	Week 8 up vs Week 1
10544108	NM_001033171 // Klrg2 // killer cell lectin-like receptor subfamily G, member 2	Klrg2	2.81215E-08	3.13862	Week 8 up vs Week 1
10571984	NM_001081215 // Ddx60 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 // 8 B3.1 //	Ddx60	0.000216054	3.13937	Week 8 up vs Week 1
10366546	NM_027468 // Cpm // carboxypeptidase M // 10 D2 // 70574 /// ENSMUST00000020399	Cpm	2.82488E-08	3.1407	Week 8 up vs Week 1
10550972	NM_001102613 // Phldb3 // pleckstrin homology-like domain, family B, member 3 //	Phldb3	8.14671E-08	3.14087	Week 8 up vs Week 1
10598077	---		6.70947E-06	3.15765	Week 8 up vs Week 1
10388834	NM_022411 // Slc13a2 // solute carrier family 13 (sodium-dependent dicarboxylate	Slc13a2	3.71409E-07	3.16084	Week 8 up vs Week 1
10560672	NM_023224 // Cblc // Casitas B-lineage lymphoma c // 7 A3 // 80794 /// NM_001161	Cblc	4.63067E-08	3.16602	Week 8 up vs Week 1
10577954	NM_001080813 // Rab11fip1 // RAB11 family interacting protein 1 (class I) // 8 A	Rab11fip1	1.0042E-07	3.16632	Week 8 up vs Week 1
10345406	---		4.13306E-08	3.16688	Week 8 up vs Week 1
10436095	NM_020509 // Retnla // resistin like alpha // 16 B5|16 32.6 cM // 57262 /// ENSM	Retnla	3.26316E-07	3.16976	Week 8 up vs Week 1
10469984	NM_146117 // Lrrc26 // leucine rich repeat containing 26 // 2 A3 // 227618 /// E	Lrrc26	2.28712E-05	3.18765	Week 8 up vs Week 1
10520862	NM_008037 // Fosl2 // fos-like antigen 2 // 5 B1|5 18.1 cM // 14284 /// ENSMUST0	Fosl2	7.38959E-09	3.18787	Week 8 up vs Week 1
10451893	NM_145934 // Stap2 // signal transducing adaptor family member 2 // 17 D // 1067	Stap2	9.14719E-08	3.19076	Week 8 up vs Week 1
10598187	---		0.000011913	3.19597	Week 8 up vs Week 1
10416777	NM_009769 // Klf5 // Kruppel-like factor 5 // 14 E2.2 // 12224 /// ENSMUST000000	Klf5	2.65599E-08	3.1979	Week 8 up vs Week 1
10603242	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	2.33462E-05	3.19854	Week 8 up vs Week 1
10475324	NM_009897 // Ckmt1 // creatine kinase, mitochondrial 1, ubiquitous // 2 F1-F3|2	Ckmt1	1.55652E-06	3.20625	Week 8 up vs Week 1
10542335	NM_181444 // Gprc5a // G protein-coupled receptor, family C, group 5, member A /	Gprc5a	1.86159E-07	3.20781	Week 8 up vs Week 1
10493803	NM_011310 // S100a3 // S100 calcium binding protein A3 // 3 F1-F2|3 43.6 cM // 2	S100a3	1.51787E-07	3.21153	Week 8 up vs Week 1
10358038	NM_145417 // Rnpep // arginyl aminopeptidase (aminopeptidase B) // 1 E4 // 21561	Rnpep	2.39052E-07	3.22114	Week 8 up vs Week 1
10570434	NM_026820 // Ifitm1 // interferon induced transmembrane protein 1 // 7 F5 // 687	Ifitm1	3.8474E-06	3.22602	Week 8 up vs Week 1
10391036	NM_008471 // Krt19 // keratin 19 // 11 D|11 58.51 cM // 16669 /// ENSMUST0000000	Krt19	5.87404E-06	3.23677	Week 8 up vs Week 1
10376060	NM_008390 // Irf1 // interferon regulatory factor 1 // 11 B1.3|11 29.0 cM // 163	Irf1	3.38676E-07	3.24192	Week 8 up vs Week 1
10596303	NM_019807 // Acpp // acid phosphatase, prostate // 9 F1 // 56318 /// NM_207668 /	Acpp	3.0233E-07	3.2425	Week 8 up vs Week 1
10416290	NM_180588 // Reep4 // receptor accessory protein 4 // 14 D2 // 72549 /// ENSMUST	Reep4	6.37103E-09	3.24334	Week 8 up vs Week 1

10453939	NM_010680 // Lama3 // laminin, alpha 3 // 18 A|18 3.0 cM // 16774 /// ENSMUST000	Lama3	2.5161E-07	3.24986	Week 8 up vs Week 1
10516484	NM_008126 // Gjb3 // gap junction protein, beta 3 // 4 D2.2|4 58.0 cM // 14620 /	Gjb3	1.31218E-06	3.26542	Week 8 up vs Week 1
10457628	NM_199055 // Chst9 // carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase	Chst9	6.07068E-06	3.27665	Week 8 up vs Week 1
10541799	BC117528 // Lpar5 // lysophosphatidic acid receptor 5 // 6 F2 // 381810 /// ENSM	Lpar5	2.6239E-11	3.28144	Week 8 up vs Week 1
10487405	NM_138750 // Prom2 // prominin 2 // 2 F1 // 192212 /// NM_178047 // Prom2 // pro	Prom2	7.89954E-08	3.28272	Week 8 up vs Week 1
10516765	NM_172702 // Serinc2 // serine incorporator 2 // 4 D2.2 // 230779 /// BC031720 /	Serinc2	5.52727E-09	3.28327	Week 8 up vs Week 1
10375265	NM_176999 // Atp10b // ATPase, class V, type 10B // 11 A5 // 319767 /// ENSMUST0	Atp10b	5.59119E-09	3.28502	Week 8 up vs Week 1
10591781	NM_028390 // Anln // anillin, actin binding protein // 9 A4 // 68743 /// ENSMUST	Anln	8.14797E-06	3.29253	Week 8 up vs Week 1
10598018	---		1.15273E-05	3.29633	Week 8 up vs Week 1
10535524	NM_033039 // Ocm // oncomodulin // 5 G1-3|5 84.0 cM // 18261	Ocm	4.05569E-06	3.31332	Week 8 up vs Week 1
10382713	NM_001005608 // Itgb4 // integrin beta 4 // 11 E2|11 76.0 cM // 192897 /// NM_13	Itgb4	6.06141E-09	3.31415	Week 8 up vs Week 1
10429584	---		1.41065E-05	3.33663	Week 8 up vs Week 1
10393373	NM_011371 // St6galnac1 // ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,	St6galnac1	2.28311E-06	3.34068	Week 8 up vs Week 1
10565204	NM_007562 // Bnc1 // basonuclin 1 // 7 D3 // 12173 /// ENSMUST00000026096 // Bnc	Bnc1	0.00104876	3.35637	Week 8 up vs Week 1
10465106	NM_019935 // Ovol1 // OVO homolog-like 1 (Drosophila) // 19 A // 18426 /// ENSMU	Ovol1	4.12212E-10	3.36897	Week 8 up vs Week 1
10355967	NM_183027 // Ap1s3 // adaptor-related protein complex AP-1, sigma 3 // 1 C4 // 2	Ap1s3	1.46057E-07	3.37647	Week 8 up vs Week 1
10558840	NM_025886 // Rassf7 // Ras association (RalGDS/AF-6) domain family (N-terminal)	Rassf7	5.83613E-07	3.37779	Week 8 up vs Week 1
10439936	NM_030612 // Nfkbiz // nuclear factor of kappa light polypeptide gene enhancer i	Nfkbiz	4.2003E-11	3.37981	Week 8 up vs Week 1
10604528	NM_134163 // Mbnl3 // muscleblind-like 3 (Drosophila) // X A5 // 171170 /// ENSM	Mbnl3	3.25059E-06	3.38216	Week 8 up vs Week 1
10531724	NM_139198 // Plac8 // placenta-specific 8 // 5 E3|5 54.0 cM // 231507 /// ENSMUS	Plac8	1.29099E-05	3.38221	Week 8 up vs Week 1
10373467	NM_010153 // Erbb3 // v-erb-b2 erythroblastic leukemia viral oncogene homolog 3	Erbb3	9.43246E-09	3.38514	Week 8 up vs Week 1
10367050	AY053573 // Rdh18 // retinol dehydrogenase 18 // 10 D3 // 380674 /// ENSMUST0000	Rdh18	1.36264E-05	3.38752	Week 8 up vs Week 1
10598081	---		1.00049E-06	3.39233	Week 8 up vs Week 1
10490903	NM_024495 // Car13 // carbonic anhydrase 13 // 3 A2 // 71934 /// ENSMUST00000029	Car13	1.71042E-05	3.39466	Week 8 up vs Week 1
10391061	NM_008470 // Krt16 // keratin 16 // 11 D // 16666 /// ENSMUST00000007280 // Krt1	Krt16	0.000153548	3.39533	Week 8 up vs Week 1
10423654	NM_054049 // Osr2 // odd-skipped related 2 (Drosophila) // 15 B3.1|15 14.0 cM //	Osr2	1.84783E-07	3.39587	Week 8 up vs Week 1
10508917	NM_001162970 // Aim1l // absent in melanoma 1-like // 4 D3 // 230806 /// BC15073	Aim1l	6.97185E-09	3.39813	Week 8 up vs Week 1
10345065	NM_001077353 // Gsta3 // glutathione S-transferase, alpha 3 // 1 A4|1 15.0 cM //	Gsta3	1.12709E-06	3.42164	Week 8 up vs Week 1
10373542	NM_016811 // Dgka // diacylglycerol kinase, alpha // 10 D3|10 71.0 cM // 13139 /	Dgka	1.84075E-08	3.42633	Week 8 up vs Week 1
10490080	NM_009996 // Cyp24a1 // cytochrome P450, family 24, subfamily a, polypeptide 1 /	Cyp24a1	1.16433E-05	3.43303	Week 8 up vs Week 1
10502606	NM_207208 // Clca6 // chloride channel calcium activated 6 // 3 H2 // 99663 ///	Clca6	1.51097E-06	3.43547	Week 8 up vs Week 1
10558769	NM_026820 // Ifitm1 // interferon induced transmembrane protein 1 // 7 F5 // 687	Ifitm1	3.2399E-07	3.43644	Week 8 up vs Week 1
10465314	NM_007600 // Capn1 // calpain 1 // 19 A|19 3.0 cM // 12333 /// NM_001110504 // C	Capn1	1.89984E-09	3.44735	Week 8 up vs Week 1
10487441	NM_010762 // Mal // myelin and lymphocyte protein, T-cell differentiation protei	Mal	5.60277E-06	3.4521	Week 8 up vs Week 1
10562856	NM_028021 // Myh14 // myosin, heavy polypeptide 14 // 7 B2 // 71960 /// ENSMUST0	Myh14	3.82864E-08	3.46157	Week 8 up vs Week 1
10558795	NM_019762 // Pkp3 // plakophilin 3 // 7 F5 // 56460 /// NM_001162924 // Pkp3 //	Pkp3	2.61657E-08	3.4676	Week 8 up vs Week 1
10439087	NM_146071 // Muc20 // mucin 20 // 16 B3 // 224116 /// NM_001145874 // Muc20 // m	Muc20	2.87819E-07	3.47183	Week 8 up vs Week 1
10367066	NM_027301 // Sdr9c7 // 4short chain dehydrogenase/reductase family 9C, member 7	Sdr9c7	5.69786E-07	3.48201	Week 8 up vs Week 1
10603109	NM_011081 // Piga // phosphatidylinositol glycan anchor biosynthesis, class A //	Piga	4.1728E-06	3.49468	Week 8 up vs Week 1
10598229	---		2.14158E-06	3.49799	Week 8 up vs Week 1
10463836	NM_010362 // Gsto1 // glutathione S-transferase omega 1 // 19 D1 // 14873 /// EN	Gsto1	3.73567E-08	3.51258	Week 8 up vs Week 1
10462575	NM_023903 // Lipm // lipase, family member M // 19 C1 // 78753 /// ENSMUST000000	Lipm	4.88624E-05	3.53611	Week 8 up vs Week 1
10502791	NM_133871 // Ifi44 // interferon-induced protein 44 // 3 H3 // 99899 /// ENSMUST	Ifi44	0.000280773	3.54043	Week 8 up vs Week 1
10450161	NM_010381 // H2-Ea // histocompatibility 2, class II antigen E alpha // 17 B1|17	H2-Ea	4.51932E-10	3.54927	Week 8 up vs Week 1
10506583	NM_177667 // Ttc22 // tetratricopeptide repeat domain 22 // 4 C7 // 230576 /// E	Ttc22	6.54899E-09	3.5522	Week 8 up vs Week 1
10512774	NM_178893 // Coro2a // coronin, actin binding protein 2A // 4 B1 // 107684 /// E	Coro2a	1.4304E-08	3.55515	Week 8 up vs Week 1
10566993	NM_173739 // Galntl4 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylg	Galntl4	1.06775E-06	3.56014	Week 8 up vs Week 1
10583732	NM_010700 // Ldlr // low density lipoprotein receptor // 9 A3|9 5.0 cM // 16835	Ldlr	3.16058E-07	3.57684	Week 8 up vs Week 1
10444554	NM_023557 // Slc44a4 // solute carrier family 44, member 4 // 17 B2 // 70129 ///	Slc44a4	2.33555E-08	3.58084	Week 8 up vs Week 1
10441270	NM_023663 // Ripk4 // receptor-interacting serine-threonine kinase 4 // 16 C4 //	Ripk4	1.30972E-06	3.59573	Week 8 up vs Week 1
10533198	NM_145227 // Oas2 // 2'-5' oligoadenylate synthetase 2 // 5 F|5 67.2 cM // 24672	Oas2	8.16583E-07	3.60082	Week 8 up vs Week 1
10349174	NM_011459 // Serpinb8 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb8	1.48376E-06	3.60679	Week 8 up vs Week 1
10458828	NM_033037 // Cdo1 // cysteine dioxygenase 1, cytosolic // 18 C|18 23.0 cM // 125	Cdo1	2.57648E-06	3.62	Week 8 up vs Week 1
10598062	---		8.18103E-07	3.62971	Week 8 up vs Week 1
10338047	---		4.42201E-09	3.63476	Week 8 up vs Week 1
10391103	NM_010593 // Jup // junction plakoglobin // 11 D|11 60.0 cM // 16480 /// ENSMUST	Jup	8.58175E-10	3.63735	Week 8 up vs Week 1
10517009	NM_031393 // Sytl1 // synaptotagmin-like 1 // 4 D2.3 // 269589 /// ENSMUST000000	Sytl1	3.27432E-08	3.63913	Week 8 up vs Week 1
10596637	NM_178907 // Mapkapk3 // mitogen-activated protein kinase-activated protein kina	Mapkapk3	2.67631E-09	3.67958	Week 8 up vs Week 1
10416689	NM_001030294 // Olfm4 // olfactomedin 4 // 14 D3 // 380924 /// ENSMUST0000008873	Olfm4	1.37921E-08	3.68104	Week 8 up vs Week 1
10513008	NM_010637 // Klf4 // Kruppel-like factor 4 (gut) // 4 B3|4 19.7 cM // 16600 ///	Klf4	1.56906E-07	3.68525	Week 8 up vs Week 1
10493910	NM_001034860 // Gm4858 // predicted gene 4858 // 3 F1|3 // 229571 /// ENSMUST000	Gm4858	8.55258E-06	3.69748	Week 8 up vs Week 1
10449807	NM_001033163 // Ephx3 // epoxide hydrolase 3 // 17 B1 // 71932 /// ENSMUST000000	Ephx3	1.53048E-07	3.69984	Week 8 up vs Week 1
10380927	NM_010346 // Grb7 // growth factor receptor bound protein 7 // 11 D|11 57.0 cM /	Grb7	3.8847E-07	3.70269	Week 8 up vs Week 1
10534395	NM_009903 // Cldn4 // claudin 4 // 5 G2|5 75.0 cM // 12740 /// ENSMUST0000005140	Cldn4	2.64493E-06	3.71891	Week 8 up vs Week 1
10340926	---		1.31543E-05	3.71909	Week 8 up vs Week 1

10423770	NM_026496 // Grhl2 // grainyhead-like 2 (Drosophila) // 15 C // 252973 /// ENSMU	Grhl2	4.65513E-08	3.72712	Week 8 up vs Week 1
10565689	NM_007602 // Capn5 // calpain 5 // 7 E2 // 12337 /// ENSMUST00000040971 // Capn5	Capn5	1.60356E-08	3.73004	Week 8 up vs Week 1
10352827	ENSMUST00000016334 // A130010J15Rik // RIKEN cDNA A130010J15 gene // 1 H6 // 319	A130010J15Rik	1.61592E-07	3.74096	Week 8 up vs Week 1
10522411	BC016523 // C130090K23Rik // RIKEN cDNA C130090K23 gene // 5 C3.2 // 231293 ///	C130090K23Rik	4.31252E-06	3.74238	Week 8 up vs Week 1
10454113	NM_010079 // Dsg1a // desmoglein 1 alpha // 18 A2|18 7.01 cM // 13510 /// NM_181	Dsg1a	0.0025143	3.744	Week 8 up vs Week 1
10447383	NM_008532 // Epcam // epithelial cell adhesion molecule // 17 E4 // 17075 /// EN	Epcam	3.00426E-06	3.74674	Week 8 up vs Week 1
10450154	NM_010378 // H2-Aa // histocompatibility 2, class II antigen A, alpha // 17 B1|1	H2-Aa	6.08713E-10	3.75681	Week 8 up vs Week 1
10524621	NM_011854 // Oasl2 // 2'-5' oligoadenylate synthetase-like 2 // 5 F // 23962 ///	Oasl2	2.06824E-08	3.76469	Week 8 up vs Week 1
10531022	NM_172880 // Tmprss11e // transmembrane protease, serine 11e // 5 E1 // 243084 /	Tmprss11e	0.000243942	3.78289	Week 8 up vs Week 1
10598075	---		4.9496E-07	3.78954	Week 8 up vs Week 1
10600480	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	2.01151E-05	3.79255	Week 8 up vs Week 1
10603230	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	2.01151E-05	3.79255	Week 8 up vs Week 1
10605353	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	2.01151E-05	3.79255	Week 8 up vs Week 1
10474526	NM_207206 // Lpcat4 // lysophosphatidylcholine acyltransferase 4 // 2 E3 // 9901	Lpcat4	8.4351E-09	3.80156	Week 8 up vs Week 1
10339660	---		9.0288E-11	3.8066	Week 8 up vs Week 1
10604984	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	3.10995E-07	3.80691	Week 8 up vs Week 1
10430006	NM_028064 // Slc39a4 // solute carrier family 39 (zinc transporter), member 4 //	Slc39a4	1.41762E-08	3.80984	Week 8 up vs Week 1
10599092	---		2.03169E-06	3.81075	Week 8 up vs Week 1
10550660	NM_001010836 // Ppp1r13l // protein phosphatase 1, regulatory (inhibitor) subuni	Ppp1r13l	3.6624E-10	3.81296	Week 8 up vs Week 1
10414360	NM_001145953 // Lgals3 // lectin, galactose binding, soluble 3 // 14 C1 // 16854	Lgals3	1.64735E-07	3.81382	Week 8 up vs Week 1
10521459	NM_175249 // Psapl1 // prosaposin-like 1 // 5 B3 // 76943 /// ENSMUST00000052224	Psapl1	3.45278E-09	3.81486	Week 8 up vs Week 1
10421143	NM_010082 // Adam28 // a disintegrin and metallopeptidase domain 28 // 14 D2 //	Adam28	3.73882E-07	3.84375	Week 8 up vs Week 1
10470101	NM_027085 // Clic3 // chloride intracellular channel 3 // 2 A3 // 69454 /// ENSM	Clic3	1.43172E-05	3.84412	Week 8 up vs Week 1
10500122	NM_134253 // Bnipl // BCL2/adenovirus E1B 19kD interacting protein like // 3 F2.	Bnipl	8.34712E-08	3.84677	Week 8 up vs Week 1
10452815	NM_011723 // Xdh // xanthine dehydrogenase // 17 E2|17 45.3 cM // 22436 /// ENSM	Xdh	1.0532E-11	3.84856	Week 8 up vs Week 1
10575833	NM_008290 // Hsd17b2 // hydroxysteroid (17-beta) dehydrogenase 2 // 8 E1 // 1548	Hsd17b2	0.00001266	3.86385	Week 8 up vs Week 1
10345404	AK082264 // C230030N03Rik // RIKEN cDNA C230030N03 gene // 1 B // 241052	C230030N03Rik	2.51675E-08	3.86992	Week 8 up vs Week 1
10603228	---		2.53948E-06	3.87156	Week 8 up vs Week 1
10608719	---		1.09005E-06	3.87782	Week 8 up vs Week 1
10506571	NM_053272 // Dhcr24 // 24-dehydrocholesterol reductase // 4 C7 // 74754 /// ENSM	Dhcr24	8.56157E-09	3.91233	Week 8 up vs Week 1
10600131	NM_021365 // Xlr4b // X-linked lymphocyte-regulated 4B // X A7.3|X 29.0 cM // 27	Xlr4b	6.11064E-07	3.91578	Week 8 up vs Week 1
10517791	NM_011061 // Padi4 // peptidyl arginine deiminase, type IV // 4 E1|4 71.0 cM //	Padi4	8.15908E-07	3.92297	Week 8 up vs Week 1
10545168	NM_020047 // Tacstd2 // tumor-associated calcium signal transducer 2 // --- // 5	Tacstd2	1.95545E-05	3.93541	Week 8 up vs Week 1
10580635	NM_053200 // Ces3 // carboxylesterase 3 // 8 C5 // 104158 /// ENSMUST00000034172	Ces3	7.37849E-05	3.93654	Week 8 up vs Week 1
10530960	NM_145561 // Tmprss11d // transmembrane protease, serine 11d // 5 E1 // 231382 /	Tmprss11d	0.000915808	3.97115	Week 8 up vs Week 1
10360398	NM_008327 // Ifi202b // interferon activated gene 202B // 1 H3 // 26388 /// NM_0	Ifi202b	3.33017E-05	3.98844	Week 8 up vs Week 1
10439500	NM_178924 // Upk1b // uroplakin 1B // 16 B5-C2 // 22268 /// ENSMUST00000057767 /	Upk1b	2.51913E-05	3.98968	Week 8 up vs Week 1
10394471	NM_011519 // Sdc1 // syndecan 1 // 12 A1.1|12 1.0 cM // 20969 /// ENSMUST0000002	Sdc1	2.69968E-06	3.99091	Week 8 up vs Week 1
10591522	NM_001110300 // Ap1m2 // adaptor protein complex AP-1, mu 2 subunit // 9 A3|9 9.	Ap1m2	5.22938E-07	3.99267	Week 8 up vs Week 1
10558880	NM_133191 // Eps8l2 // EPS8-like 2 // 7 F5 // 98845 /// ENSMUST00000026577 // Ep	Eps8l2	1.46169E-08	3.99938	Week 8 up vs Week 1
10564539	NM_001024703 // Mctp2 // multiple C2 domains, transmembrane 2 // 7 D1 // 244049	Mctp2	8.5148E-06	4.00186	Week 8 up vs Week 1
10368343	NM_007482 // Arg1 // arginase, liver // 10 A4 // 11846 /// ENSMUST00000020161 //	Arg1	1.9253E-06	4.00873	Week 8 up vs Week 1
10472916	NM_025866 // Cdca7 // cell division cycle associated 7 // 2 C3 // 66953 /// ENSM	Cdca7	1.97678E-08	4.01239	Week 8 up vs Week 1
10505299	NM_138653 // Bspry // B-box and SPRY domain containing // 4 C1 // 192120 /// ENS	Bspry	1.0076E-09	4.01257	Week 8 up vs Week 1
10498653	NM_133675 // 1110032A04Rik // RIKEN cDNA 1110032A04 gene // 3 E3 // 66183 /// EN	1110032A04Rik	9.41786E-09	4.01897	Week 8 up vs Week 1
10572097	NM_028182 // Sh2d4a // SH2 domain containing 4A // 8 C1 // 72281 /// ENSMUST0000	Sh2d4a	2.88561E-07	4.05304	Week 8 up vs Week 1
10371220	NM_010304 // Gna15 // guanine nucleotide binding protein, alpha 15 // 10 C1|10 4	Gna15	4.91978E-09	4.06795	Week 8 up vs Week 1
10559420	NM_181820 // Tmc4 // transmembrane channel-like gene family 4 // 7 A1 // 353499	Tmc4	9.98379E-07	4.07086	Week 8 up vs Week 1
10452770	NM_001033444 // Capn13 // calpain 13 // 17 E2 // 381122 /// ENSMUST00000095208 /	Capn13	1.13099E-07	4.08437	Week 8 up vs Week 1
10390748	NM_172564 // Tns4 // tensin 4 // 11 D // 217169 /// ENSMUST00000017751 // Tns4 /	Tns4	5.56853E-05	4.08438	Week 8 up vs Week 1
10569102	NM_016850 // Irf7 // interferon regulatory factor 7 // 7 F5 // 54123 /// ENSMUST	Irf7	9.62328E-08	4.09302	Week 8 up vs Week 1
10598064	---		2.61869E-07	4.09513	Week 8 up vs Week 1
10489204	NM_009373 // Tgm2 // transglutaminase 2, C polypeptide // 2 H1|2 89.0 cM // 2181	Tgm2	3.63604E-09	4.0982	Week 8 up vs Week 1
10407416	NM_027416 // Calml3 // calmodulin-like 3 // 13 A1 // 70405 /// ENSMUST0000007769	Calml3	1.08531E-05	4.11291	Week 8 up vs Week 1
10539135	NM_007599 // Capg // capping protein (actin filament), gelsolin-like // 6 C3 //	Capg	1.7957E-07	4.12715	Week 8 up vs Week 1
10408861	NM_175417 // 9530008L14Rik // RIKEN cDNA 9530008L14 gene // 13 A4 // 109254 ///	9530008L14Rik	8.53568E-05	4.1386	Week 8 up vs Week 1
10435514	NM_134109 // Ildr1 // immunoglobulin-like domain containing receptor 1 // 16 B3	Ildr1	5.84328E-09	4.14338	Week 8 up vs Week 1
10423623	BC030476 // BC030476 // cDNA sequence BC030476 // 15 B3.1 // 239368 /// BC099414	BC030476	0.000171887	4.16949	Week 8 up vs Week 1
10460251	AK081788 // 1700055N04Rik // RIKEN cDNA 1700055N04 gene // 19 A // 73458 /// XM_	1700055N04Rik	4.84962E-06	4.18228	Week 8 up vs Week 1
10448409	NM_133731 // Prss22 // protease, serine, 22 // 17 A3.3|17 10.7 cM // 70835 /// E	Prss22	1.40975E-06	4.1972	Week 8 up vs Week 1
10513320	NM_025968 // Ptgr1 // prostaglandin reductase 1 // 4 C1 // 67103 /// ENSMUST0000	Ptgr1	2.83553E-05	4.20233	Week 8 up vs Week 1
10338064	---		4.25017E-09	4.21054	Week 8 up vs Week 1
10458709	NM_001033280 // Gm94 // predicted gene 94 // 18 B3 // 225443 /// ENSMUST00000096	Gm94	2.31455E-07	4.22782	Week 8 up vs Week 1
10500140	NM_001085383 // Anxa9 // annexin A9 // 3 F2 // 71790 /// NM_023628 // Anxa9 // a	Anxa9	8.96118E-08	4.28014	Week 8 up vs Week 1
10483249	NM_015736 // Galnt3 // UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylga	Galnt3	1.79909E-07	4.2841	Week 8 up vs Week 1

10417568	NM_146050 // Oit1 // oncoprotein induced transcript 1 // 14 A1 // 18300 /// ENSM	Oit1	6.80326E-09	4.3091	Week 8 up vs Week 1
10460782	NM_130453 // Gpha2 // glycoprotein hormone alpha 2 // 19 A // 170458 /// ENSMUST	Gpha2	8.76989E-09	4.31571	Week 8 up vs Week 1
10381049	NM_001080925 // Rapgefl1 // Rap guanine nucleotide exchange factor (GEF)-like 1	Rapgefl1	1.73069E-07	4.31988	Week 8 up vs Week 1
10416850	NM_022886 // Scel // sciellin // 14 E // 64929 /// ENSMUST00000095576 // Scel //	Scel	2.22413E-06	4.33022	Week 8 up vs Week 1
10574572	BC027185 // 2210023G05Rik // RIKEN cDNA 2210023G05 gene // 8 D3 // 72361 /// ENS	2210023G05Rik	2.12363E-06	4.33771	Week 8 up vs Week 1
10468344	NM_007732 // Col17a1 // collagen, type XVII, alpha 1 // 19 D1|19 49.0 cM // 1282	Col17a1	9.14804E-06	4.33773	Week 8 up vs Week 1
10582879	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	5.34396E-10	4.34413	Week 8 up vs Week 1
10583071	NM_010809 // Mmp3 // matrix metallopeptidase 3 // 9 A1|9 1.0 cM // 17392 /// ENS	Mmp3	9.00416E-09	4.34625	Week 8 up vs Week 1
10550980	NM_133743 // Lypd3 // Ly6/Plaur domain containing 3 // 7 A3 // 72434 /// ENSMUST	Lypd3	7.6106E-06	4.35042	Week 8 up vs Week 1
10429691	NM_134087 // Fam83h // family with sequence similarity 83, member H // 15 D3 //	Fam83h	2.96941E-08	4.3739	Week 8 up vs Week 1
10389990	NM_027984 // Epn3 // epsin 3 // 11 C // 71889 /// ENSMUST00000010224 // Epn3 //	Epn3	4.35908E-09	4.37677	Week 8 up vs Week 1
10535174	NM_001161548 // Tmem184a // transmembrane protein 184a // 5 G2 // 231832 /// NM_	Tmem184a	2.33549E-07	4.3817	Week 8 up vs Week 1
10517401	NM_001013756 // Grhl3 // grainyhead-like 3 (Drosophila) // 4 D3 // 230824 /// EN	Grhl3	9.97738E-09	4.40303	Week 8 up vs Week 1
10356274	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	2.35989E-10	4.41426	Week 8 up vs Week 1
10349953	NM_027979 // Chit1 // chitinase 1 (chitotriosidase) // 1 E4 // 71884 /// ENSMUST	Chit1	9.69704E-08	4.42588	Week 8 up vs Week 1
10371111	NM_013769 // Tjp3 // tight junction protein 3 // 10 C1 // 27375 /// ENSMUST00000	Tjp3	1.37091E-09	4.42938	Week 8 up vs Week 1
10588043	NM_009034 // Rbp2 // retinol binding protein 2, cellular // 9 E3.3|9 57.0 cM //	Rbp2	0.000001267	4.44166	Week 8 up vs Week 1
10531009	NM_177024 // Tmprss11b // transmembrane protease, serine 11b // 5 E1 // 319875 /	Tmprss11b	2.87237E-05	4.45763	Week 8 up vs Week 1
10361887	NM_022032 // Perp // PERP, TP53 apoptosis effector // 10 A2 // 64058 /// ENSMUST	Perp	6.02253E-08	4.462	Week 8 up vs Week 1
10524631	NM_145209 // Oasl1 // 2'-5' oligoadenylate synthetase-like 1 // 5 F // 231655 //	Oasl1	8.46638E-09	4.46279	Week 8 up vs Week 1
10350159	NM_133664 // Lad1 // ladinin // 1 E4 // 16763 /// ENSMUST00000038760 // Lad1 //	Lad1	4.58633E-08	4.47278	Week 8 up vs Week 1
10424676	NM_008529 // Ly6e // lymphocyte antigen 6 complex, locus E // 15 D3|15 41.7 cM /	Ly6e	4.18462E-10	4.50146	Week 8 up vs Week 1
10419034	BC049685 // 2610528A11Rik // RIKEN cDNA 2610528A11 gene // 14 B // 70045	2610528A11Rik	8.21772E-05	4.50161	Week 8 up vs Week 1
10492815	NM_177260 // Tmem154 // transmembrane protein 154 // 3 F1 // 320782 /// ENSMUST0	Tmem154	3.5627E-08	4.50611	Week 8 up vs Week 1
10605034	NM_183094 // Xlr4c // X-linked lymphocyte-regulated 4C // X A7.3 // 72891 /// NM	Xlr4c	1.10243E-05	4.54616	Week 8 up vs Week 1
10461934	NM_153417 // Trpm6 // transient receptor potential cation channel, subfamily M,	Trpm6	2.35535E-08	4.54978	Week 8 up vs Week 1
10376765	NM_007436 // Aldh3a1 // aldehyde dehydrogenase family 3, subfamily A1 // 11 B2|1	Aldh3a1	0.000338316	4.55568	Week 8 up vs Week 1
10434808	NM_175165 // Tprg // transformation related protein 63 regulated // 16 B1 // 713	Tprg	4.19017E-08	4.56629	Week 8 up vs Week 1
10391025	NM_008469 // Krt15 // keratin 15 // 11 D|11 58.5 cM // 16665 /// ENSMUST00000107	Krt15	2.3516E-09	4.57704	Week 8 up vs Week 1
10439282	NM_001033239 // Csta // cystatin A // 16 B3 // 209294 /// ENSMUST00000096090 //	Csta	9.85478E-06	4.59235	Week 8 up vs Week 1
10400072	NM_001146196 // Scin // scinderin // 12 B1 // 20259 /// NM_009132 // Scin // sci	Scin	0.000017519	4.60364	Week 8 up vs Week 1
10460259	ENSMUST00000100032 // Aldh3b2 // aldehyde dehydrogenase 3 family, member B2 // 1	Aldh3b2	3.04097E-07	4.61004	Week 8 up vs Week 1
10554034	DQ646881 // Lass3 // LAG1 homolog, ceramide synthase 3 // 7 C // 545975 /// DQ35	Lass3	3.4768E-07	4.6225	Week 8 up vs Week 1
10598071	---		2.37693E-07	4.6235	Week 8 up vs Week 1
10368947	NM_172393 // Aim1 // absent in melanoma 1 // 10 B2|10 29.0 cM // 11630 /// ENSMU	Aim1	1.28614E-06	4.63507	Week 8 up vs Week 1
10457686	NM_013505 // Dsc2 // desmocollin 2 // 18 A2|18 7.0 cM // 13506 /// ENSMUST000000	Dsc2	4.08693E-06	4.64299	Week 8 up vs Week 1
10474936	NM_016907 // Spint1 // serine protease inhibitor, Kunitz type 1 // 2 E5 // 20732	Spint1	5.97735E-08	4.6457	Week 8 up vs Week 1
10507137	NM_026018 // Pdzk1ip1 // PDZK1 interacting protein 1 // 4 D1 // 67182 /// ENSMUS	Pdzk1ip1	5.8551E-09	4.64699	Week 8 up vs Week 1
10592001	NM_011176 // St14 // suppression of tumorigenicity 14 (colon carcinoma) // 9 A4|	St14	2.24696E-08	4.67091	Week 8 up vs Week 1
10595070	BC120577 // Fam83b // family with sequence similarity 83, member B // 9 D // 208	Fam83b	4.84683E-06	4.69046	Week 8 up vs Week 1
10558687	NM_029821 // 1190003J15Rik // RIKEN cDNA 1190003J15 gene // 7 F5 // 76974 /// EN	1190003J15Rik	2.0744E-06	4.69976	Week 8 up vs Week 1
10544417	NM_023580 // Epha1 // Eph receptor A1 // 6 B2.1 // 13835 /// ENSMUST00000073387	Epha1	1.59256E-07	4.70164	Week 8 up vs Week 1
10356262	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_013673 //	Gm7609	5.8148E-11	4.71146	Week 8 up vs Week 1
10347915	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	7.51296E-10	4.71582	Week 8 up vs Week 1
10593260	NM_172922 // Ankk1 // ankyrin repeat and kinase domain containing 1 // 9 A5.3 //	Ankk1	3.23582E-09	4.71841	Week 8 up vs Week 1
10593035	NM_145403 // Tmprss4 // transmembrane protease, serine 4 // 9 A5.2 // 214523 ///	Tmprss4	6.53235E-09	4.7317	Week 8 up vs Week 1
10499412	NM_016899 // Rab25 // RAB25, member RAS oncogene family // 3 E3-F1 // 53868 ///	Rab25	5.56375E-07	4.74977	Week 8 up vs Week 1
10498361	NM_032399 // Gpr87 // G protein-coupled receptor 87 // 3 D // 84111 /// ENSMUST0	Gpr87	2.84191E-06	4.75473	Week 8 up vs Week 1
10338065	---		1.32086E-09	4.77338	Week 8 up vs Week 1
10487994	NM_198029 // Fermt1 // fermitin family homolog 1 (Drosophila) // 2 F2 // 241639	Fermt1	1.24179E-07	4.79425	Week 8 up vs Week 1
10394119	NM_178763 // Zfp750 // zinc finger protein 750 // 11 E2 // 319530 /// ENSMUST000	Zfp750	4.13608E-08	4.80038	Week 8 up vs Week 1
10427052	NM_033073 // Krt7 // keratin 7 // 15 F2|15 58.7 cM // 110310 /// ENSMUST00000068	Krt7	4.26235E-07	4.82606	Week 8 up vs Week 1
10456005	NM_001042605 // Cd74 // CD74 antigen (invariant polypeptide of major histocompat	Cd74	7E-14	4.84093	Week 8 up vs Week 1
10556734	NM_054094 // Acsm1 // acyl-CoA synthetase medium-chain family member 1 // 7 F3 /	Acsm1	0.000129934	4.84598	Week 8 up vs Week 1
10529819	NM_008009 // Fgfbp1 // fibroblast growth factor binding protein 1 // 5 B3 // 141	Fgfbp1	1.35443E-06	4.85226	Week 8 up vs Week 1
10452316	NM_009778 // C3 // complement component 3 // 17 E1-E3|17 34.3 cM // 12266 /// EN	C3	2.128E-12	4.86325	Week 8 up vs Week 1
10597182	BC157956 // Nbeal2 // neurobeachin-like 2 // 9 F2 // 235627 /// BC172118 // Nbea	Nbeal2	1.7919E-11	4.86459	Week 8 up vs Week 1
10393197	NM_025276 // Evpl // envoplakin // 11 E1 // 14027 /// ENSMUST00000037007 // Evpl	Evpl	1.67616E-08	4.92671	Week 8 up vs Week 1
10349166	NM_198028 // Serpinb10 // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb10	4.57983E-08	4.94121	Week 8 up vs Week 1
10351588	NM_027893 // Pvrl4 // poliovirus receptor-related 4 // --- // 71740 /// NM_00112	Pvrl4	2.25475E-08	4.98803	Week 8 up vs Week 1
10414065	NM_013473 // Anxa8 // annexin A8 // 14 B|14 13.0 cM // 11752 /// ENSMUST00000022	Anxa8	1.91157E-05	5.01955	Week 8 up vs Week 1
10515282	NM_133681 // Tspan1 // tetraspanin 1 // 4 C7 // 66805 /// ENSMUST00000030465 //	Tspan1	9.92391E-09	5.02257	Week 8 up vs Week 1
10347925	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	6.30802E-10	5.02517	Week 8 up vs Week 1
10512156	NM_016689 // Aqp3 // aquaporin 3 // --- // 11828 /// ENSMUST00000055327 // Aqp3	Aqp3	1.13405E-07	5.06609	Week 8 up vs Week 1
10581455	NM_176838 // Esrp2 // epithelial splicing regulatory protein 2 // 8 D3 // 77411	Esrp2	1.79681E-08	5.07014	Week 8 up vs Week 1

10356764	NM_172411 // 2310007B03Rik // RIKEN cDNA 2310007B03 gene // 1 D // 71874 /// NM_	2310007B03Rik	8.96339E-08	5.08843	Week 8 up vs Week 1
10368317	NM_134005 // Enpp3 // ectonucleotide pyrophosphatase/phosphodiesterase 3 // 10 A	Enpp3	2.87767E-08	5.11409	Week 8 up vs Week 1
10584827	NM_007962 // Mpzl2 // myelin protein zero-like 2 // 9 A5.2|9 26.0 cM // 14012 //	Mpzl2	3.44301E-07	5.1329	Week 8 up vs Week 1
10445061	NM_001099632 // Rnf39 // ring finger protein 39 // 17 B1 // 386454 /// ENSMUST00	Rnf39	5.06768E-09	5.14063	Week 8 up vs Week 1
10445251	NM_133776 // Gpr110 // G protein-coupled receptor 110 // 17 B3 // 77596 /// ENSM	Gpr110	6.28021E-07	5.18385	Week 8 up vs Week 1
10530986	NM_177162 // 9930032O22Rik // RIKEN cDNA 9930032O22 gene // 5 E1 // 320454 /// E	9930032O22Rik	7.5723E-06	5.22684	Week 8 up vs Week 1
10517067	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	2.09961E-07	5.23596	Week 8 up vs Week 1
10466659	NM_010266 // Gda // guanine deaminase // 19 B|19 15.5 cM // 14544 /// ENSMUST000	Gda	2.23779E-08	5.24825	Week 8 up vs Week 1
10390841	NM_010661 // Krt12 // keratin 12 // 11 D|11 58.0 cM // 268482 /// ENSMUST0000001	Krt12	0.00150527	5.30801	Week 8 up vs Week 1
10480238	NM_145838 // St8sia6 // ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransfera	St8sia6	1.04656E-08	5.34041	Week 8 up vs Week 1
10358124	NM_019645 // Pkp1 // plakophilin 1 // 1 E4 // 18772 /// ENSMUST00000027667 // Pk	Pkp1	2.47711E-08	5.3588	Week 8 up vs Week 1
10493474	NM_013605 // Muc1 // mucin 1, transmembrane // 3 F1|3 44.8 cM // 17829 /// ENSMU	Muc1	2.32907E-08	5.40791	Week 8 up vs Week 1
10432734	BC118024 // 4732456N10Rik // RIKEN cDNA 4732456N10 gene // 15 F2 // 239673 /// N	4732456N10Rik	7.84026E-10	5.52203	Week 8 up vs Week 1
10352815	NM_016851 // Irf6 // interferon regulatory factor 6 // 1 H6|1 104.0 cM // 54139	Irf6	4.69918E-07	5.52735	Week 8 up vs Week 1
10467115	NM_024204 // Ankrd22 // ankyrin repeat domain 22 // 19 C1|19 24.0 cM // 52024 //	Ankrd22	1.02633E-07	5.54495	Week 8 up vs Week 1
10493794	NM_025393 // S100a14 // S100 calcium binding protein A14 // 3 F2 // 66166 /// EN	S100a14	6.43056E-07	5.56445	Week 8 up vs Week 1
10377673	NM_016887 // Cldn7 // claudin 7 // 11 B4 // 53624 /// ENSMUST00000018713 // Cldn	Cldn7	4.3417E-08	5.60746	Week 8 up vs Week 1
10507143	NM_177406 // Cyp4a12a // cytochrome P450, family 4, subfamily a, polypeptide 12a	Cyp4a12a	1.17433E-06	5.61401	Week 8 up vs Week 1
10584604	NM_023655 // Trim29 // tripartite motif-containing 29 // 9 A5.1 // 72169 /// ENS	Trim29	4.03109E-07	5.63678	Week 8 up vs Week 1
10416273	NM_145981 // Phyhip // phytanoyl-CoA hydroxylase interacting protein // 14 D2 //	Phyhip	1.36074E-10	5.63982	Week 8 up vs Week 1
10502638	NM_178697 // Clca5 // chloride channel calcium activated 5 // 3 H2 // 229933 ///	Clca5	5.8699E-11	5.65896	Week 8 up vs Week 1
10424245	NM_173862 // Fam83a // family with sequence similarity 83, member A // 15 D1 //	Fam83a	5.22259E-05	5.67999	Week 8 up vs Week 1
10597935	NM_133974 // Cdcp1 // CUB domain containing protein 1 // 9 F4 // 109332 /// ENSM	Cdcp1	2.77974E-09	5.68269	Week 8 up vs Week 1
10521892	NM_011402 // Slc34a2 // solute carrier family 34 (sodium phosphate), member 2 //	Slc34a2	9.66944E-07	5.80315	Week 8 up vs Week 1
10496425	NM_009626 // Adh7 // alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide	Adh7	4.19348E-08	5.83951	Week 8 up vs Week 1
10444674	NM_023463 // Ly6g6c // lymphocyte antigen 6 complex, locus G6C // 17 B1 // 68468	Ly6g6c	2.52416E-06	5.91293	Week 8 up vs Week 1
10487447	NM_145532 // Mall // mal, T-cell differentiation protein-like // 2 F1 // 228576	Mall	6.619E-11	5.93443	Week 8 up vs Week 1
10445678	BC006605 // AI661453 // expressed sequence AI661453 // 17 C // 224833 /// NM_145	AI661453	1.97722E-08	5.9367	Week 8 up vs Week 1
10574560	BC117742 // 2310038E17Rik // RIKEN cDNA 2310038E17 gene // 8 D3 // 71903 /// BC1	2310038E17Rik	1.22612E-09	5.9658	Week 8 up vs Week 1
10391013	NM_010662 // Krt13 // keratin 13 // 11 D|11 58.49 cM // 16663 /// ENSMUST0000000	Krt13	3.73192E-09	6.01823	Week 8 up vs Week 1
10511560	NM_194055 // Esrp1 // epithelial splicing regulatory protein 1 // 4 A1 // 207920	Esrp1	4.97526E-07	6.04127	Week 8 up vs Week 1
10357072	NM_009126 // Serpinb3a // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb3a	6.39711E-09	6.05025	Week 8 up vs Week 1
10557862	NM_001082960 // Itgam // integrin alpha M // 7 F4 // 16409 /// NM_008401 // Itga	Itgam	9.5509E-09	6.08626	Week 8 up vs Week 1
10487588	NM_010554 // Il1a // interleukin 1 alpha // 2 F|2 73.0 cM // 16175 /// ENSMUST00	Il1a	3.86802E-07	6.09498	Week 8 up vs Week 1
10549655	NM_026146 // Eps8l1 // EPS8-like 1 // 7 A1 // 67425 /// ENSMUST00000086372 // Ep	Eps8l1	1.77336E-08	6.10086	Week 8 up vs Week 1
10400304	NM_028133 // Egln3 // EGL nine homolog 3 (C. elegans) // 12 C1 // 112407 /// ENS	Egln3	1.04016E-06	6.13915	Week 8 up vs Week 1
10432774	NM_010669 // Krt6b // keratin 6B // 15 F2|15 58.76 cM // 16688 /// ENSMUST000000	Krt6b	1.24248E-07	6.14858	Week 8 up vs Week 1
10460253	ENSMUST00000100032 // Aldh3b2 // aldehyde dehydrogenase 3 family, member B2 // 1	Aldh3b2	8.23092E-07	6.22831	Week 8 up vs Week 1
10474467	NM_172979 // Muc15 // mucin 15 // 2 E3 // 269328 /// ENSMUST00000111017 // Muc15	Muc15	5.84532E-07	6.24558	Week 8 up vs Week 1
10391052	NM_016958 // Krt14 // keratin 14 // 11 D|11 58.6 cM // 16664 /// ENSMUST00000007	Krt14	5.084E-09	6.25039	Week 8 up vs Week 1
10393936	NM_007621 // Cbr2 // carbonyl reductase 2 // 11 E2|11 72.5 cM // 12409 /// ENSMU	Cbr2	1.23422E-09	6.26019	Week 8 up vs Week 1
10349138	NM_025867 // Serpinb11 // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb11	0.000002941	6.29437	Week 8 up vs Week 1
10432682	NM_028770 // Krt80 // keratin 80 // 15 F3|15 // 74127 /// ENSMUST00000077196 //	Krt80	5.93231E-10	6.30187	Week 8 up vs Week 1
10606495	NM_181579 // Pof1b // premature ovarian failure 1B // X E1 // 69693 /// ENSMUST0	Pof1b	2.55897E-06	6.30794	Week 8 up vs Week 1
10409713	NM_022317 // Slc28a3 // solute carrier family 28 (sodium-coupled nucleoside tran	Slc28a3	2.00113E-08	6.33493	Week 8 up vs Week 1
10387838	NM_145684 // Alox12e // arachidonate lipoxygenase, epidermal // 11 B3|11 40.0 cM	Alox12e	2.30866E-05	6.33658	Week 8 up vs Week 1
10432886	NM_008475 // Krt4 // keratin 4 // 15 F3|15 58.84 cM // 16682 /// ENSMUST00000023	Krt4	3.16749E-08	6.3616	Week 8 up vs Week 1
10349108	NM_009257 // Serpinb5 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb5	1.75348E-05	6.40319	Week 8 up vs Week 1
10507152	NM_172306 // Cyp4a12b // cytochrome P450, family 4, subfamily a, polypeptide 12B	Cyp4a12b	1.23614E-06	6.44997	Week 8 up vs Week 1
10432780	NM_008476 // Krt6a // keratin 6A // 15 F2|15 58.77 cM // 16687 /// ENSMUST000000	Krt6a	5.51872E-08	6.53346	Week 8 up vs Week 1
10572635	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	6.65006E-08	6.62298	Week 8 up vs Week 1
10358027	NM_007921 // Elf3 // E74-like factor 3 // 1 F // 13710 /// ENSMUST00000003135 //	Elf3	3.04161E-08	6.63535	Week 8 up vs Week 1
10457669	NM_007882 // Dsc3 // desmocollin 3 // 18 A2|18 7.0 cM // 13507 /// ENSMUST000001	Dsc3	8.21409E-06	6.66464	Week 8 up vs Week 1
10435112	NM_080457 // Muc4 // mucin 4 // 16 B3 // 140474 /// ENSMUST00000096106 // Muc4 /	Muc4	9.46471E-09	6.66562	Week 8 up vs Week 1
10599008	NM_020049 // Slc6a14 // solute carrier family 6 (neurotransmitter transporter),	Slc6a14	2.08212E-07	6.70172	Week 8 up vs Week 1
10391066	NM_010663 // Krt17 // keratin 17 // 11 D|11 58.7 cM // 16667 /// ENSMUST00000080	Krt17	1.06712E-08	6.71776	Week 8 up vs Week 1
10481627	NM_008491 // Lcn2 // lipocalin 2 // 2 A3|2 27.0 cM // 16819 /// ENSMUST000000507	Lcn2	9.411E-11	6.84504	Week 8 up vs Week 1
10404649	NM_023842 // Dsp // desmoplakin // 13 A3.3 // 109620	Dsp	1.27247E-07	6.85542	Week 8 up vs Week 1
10338067	---		4.1729E-11	6.96132	Week 8 up vs Week 1
10437516	NM_008909 // Ppl // periplakin // 16 A-B1|16 4.4 cM // 19041 /// ENSMUST00000035	Ppl	2.26875E-08	7.00894	Week 8 up vs Week 1
10485445	NM_007914 // Ehf // ets homologous factor // 2 E2 // 13661 /// ENSMUST0000009047	Ehf	4.20916E-08	7.01934	Week 8 up vs Week 1
10561008	NM_001039185 // Ceacam1 // carcinoembryonic antigen-related cell adhesion molecu	Ceacam1	1.73743E-10	7.04483	Week 8 up vs Week 1
10589703	NM_008522 // Ltf // lactotransferrin // 9 F|9 70.2 cM // 17002 /// ENSMUST000000	Ltf	4.86241E-10	7.07286	Week 8 up vs Week 1
10502575	NM_139148 // Clca4 // chloride channel calcium activated 4 // 3 H2-H3 // 229927	Clca4	1.04595E-09	7.5312	Week 8 up vs Week 1
10539739	NM_026414 // Asprv1 // aspartic peptidase, retroviral-like 1 // 6 D1 // 67855 //	Asprv1	2.1698E-09	7.59208	Week 8 up vs Week 1

10379731	NM_007969 // Expi // extracellular proteinase inhibitor // 11 C // 14038 /// ENS	Expi	1.5E-12	7.77204	Week 8 up vs Week 1
10530974	NM_001033233 // Tmprss11a // transmembrane protease, serine 11a // 5 E1 // 19459	Tmprss11a	4.85903E-05	7.95541	Week 8 up vs Week 1
10450525	AB242596 // Gm9573 // predicted gene 9573 // 17 B1|17 // 672682	Gm9573	1.02861E-08	7.9988	Week 8 up vs Week 1
10484520	BC120879 // 4833423E24Rik // RIKEN cDNA 4833423E24 gene // 2 D // 228151 /// ENS	4833423E24Rik	2.35325E-08	8.14363	Week 8 up vs Week 1
10365640	NM_145423 // Slc5a8 // solute carrier family 5 (iodide transporter), member 8 //	Slc5a8	1.7339E-10	8.16535	Week 8 up vs Week 1
10454154	NM_030596 // Dsg3 // desmoglein 3 // 18 A2|18 7.04 cM // 13512 /// ENSMUST000000	Dsg3	4.18034E-08	8.28597	Week 8 up vs Week 1
10424113	NM_178920 // Mal2 // mal, T-cell differentiation protein 2 // 15 D1 // 105853 //	Mal2	4.58089E-06	8.29007	Week 8 up vs Week 1
10464137	BC090250 // 9930023K05Rik // RIKEN cDNA 9930023K05 gene // 19 D2 // 226245 /// B	9930023K05Rik	2.33088E-08	8.44156	Week 8 up vs Week 1
10429500	NM_020519 // Slurp1 // secreted Ly6/Plaur domain containing 1 // 15 D3 // 57277	Slurp1	3.59246E-06	8.68989	Week 8 up vs Week 1
10426767	NM_009701 // Aqp5 // aquaporin 5 // 15 F1|15 56.8 cM // 11830 /// ENSMUST0000004	Aqp5	2.26803E-07	8.89929	Week 8 up vs Week 1
10561478	NM_001081115 // Nccrp1 // non-specific cytotoxic cell receptor protein 1 homolog	Nccrp1	9.4818E-11	9.18554	Week 8 up vs Week 1
10521038	NM_019810 // Slc5a1 // solute carrier family 5 (sodium/glucose cotransporter), m	Slc5a1	1.12389E-09	9.18896	Week 8 up vs Week 1
10404132	NM_001111110 // Cmah // cytidine monophospho-N-acetylneuraminic acid hydroxylase	Cmah	4.08185E-10	9.45387	Week 8 up vs Week 1
10429506	NM_026671 // Lypd2 // Ly6/Plaur domain containing 2 // 15 E1 // 68311 /// ENSMUS	Lypd2	1.29825E-05	10.2201	Week 8 up vs Week 1
10551293	NM_007817 // Cyp2f2 // cytochrome P450, family 2, subfamily f, polypeptide 2 //	Cyp2f2	2.9595E-06	10.3206	Week 8 up vs Week 1
10455395	NM_001081180 // Spink5 // serine peptidase inhibitor, Kazal type 5 // 18 B3|18 2	Spink5	1.929E-12	10.8439	Week 8 up vs Week 1
10585186	NM_029639 // 1600029D21Rik // RIKEN cDNA 1600029D21 gene // 9 B // 76509 /// ENS	1600029D21Rik	2.427E-11	13.6286	Week 8 up vs Week 1
10387855	NM_009660 // Alox15 // arachidonate 15-lipoxygenase // 11 B3|11 40.0 cM // 11687	Alox15	6.0292E-11	16.2817	Week 8 up vs Week 1
10550509	NM_009402 // Pglyrp1 // peptidoglycan recognition protein 1 // 7 A3 // 21946 ///	Pglyrp1	4.9E-14	19.0617	Week 8 up vs Week 1
10469786	NM_153511 // Il1f9 // interleukin 1 family, member 9 // 2 A3|2 10.25 cM // 21525	Il1f9	6.4E-14	19.1282	Week 8 up vs Week 1
10424662	NM_028216 // Psca // prostate stem cell antigen // 15 D3 // 72373 /// ENSMUST000	Psca	1.88805E-08	26.1459	Week 8 up vs Week 1

Week 8 vs 2 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 8 vs. Week 2)	Fold-Change(Week 8 vs. Week 2)	Fold-Change(Week 8 vs. Week 2) (Description)
10338332	---		9.80124E-06	-7.9408	Week 8 down vs Week 2
10343030	---		0.000106158	-6.87348	Week 8 down vs Week 2
10338365	---		9.46217E-08	-6.6363	Week 8 down vs Week 2
10341626	---		2.3E-14	-6.04955	Week 8 down vs Week 2
10341452	---		2.94461E-07	-5.10701	Week 8 down vs Week 2
10341932	---		0.000162272	-5.01102	Week 8 down vs Week 2
10339167	---		1.62405E-05	-5.00878	Week 8 down vs Week 2
10343508	---		5.8221E-08	-4.74803	Week 8 down vs Week 2
10340560	---		7.39646E-06	-4.51857	Week 8 down vs Week 2
10341037	---		0.00175979	-4.25214	Week 8 down vs Week 2
10343551	---		0.000327644	-4.07217	Week 8 down vs Week 2
10343411	---		2.4059E-11	-3.91874	Week 8 down vs Week 2
10343300	---		7.5287E-06	-3.83457	Week 8 down vs Week 2
10339834	---		6.82145E-06	-3.80697	Week 8 down vs Week 2
10340530	---		3E-15	-3.63231	Week 8 down vs Week 2
10603911	---		1.10177E-06	-3.58491	Week 8 down vs Week 2
10342425	---		4.00894E-10	-3.51607	Week 8 down vs Week 2
10339024	---		1.49103E-08	-3.50562	Week 8 down vs Week 2
10341771	---		0.00148745	-3.44785	Week 8 down vs Week 2
10342469	---		1.97886E-07	-3.44707	Week 8 down vs Week 2
10343290	---		1.67148E-06	-3.38258	Week 8 down vs Week 2
10341288	---		9.80493E-06	-3.34615	Week 8 down vs Week 2
10340469	---		6.6651E-06	-3.32515	Week 8 down vs Week 2
10342925	---		7.7468E-11	-3.3183	Week 8 down vs Week 2
10338153	---		0.000529302	-3.25981	Week 8 down vs Week 2
10343378	---		5.38205E-05	-3.18543	Week 8 down vs Week 2
10343722	---		3.08685E-07	-3.18502	Week 8 down vs Week 2
10343467	---		0.000363093	-3.1479	Week 8 down vs Week 2
10344096	---		0.000915021	-3.10824	Week 8 down vs Week 2
10598236	NM_021431 // Nudt11 // nudix (nucleoside diphosphate linked moiety X)-type motif	Nudt11	3.33509E-09	-3.10123	Week 8 down vs Week 2
10582582	---		0.00174658	-3.0998	Week 8 down vs Week 2
10582584	---		0.00174658	-3.0998	Week 8 down vs Week 2
10341672	---		0.00084541	-3.02092	Week 8 down vs Week 2
10344242	---		2.01016E-07	-3.00805	Week 8 down vs Week 2
10339219	---		1.97742E-05	-2.96335	Week 8 down vs Week 2
10340080	---		1.09351E-05	-2.96267	Week 8 down vs Week 2
10341896	---		1.93452E-06	-2.96148	Week 8 down vs Week 2
10339143	---		6.19393E-06	-2.94702	Week 8 down vs Week 2
10341453	---		0.00258741	-2.93727	Week 8 down vs Week 2
10343141	---		7.04595E-06	-2.93529	Week 8 down vs Week 2
10494548	NM_008121 // Gja5 // gap junction membrane channel protein alpha 5 // 3 F2.1|3 4	Gja5	2.06477E-07	-2.92874	Week 8 down vs Week 2
10344036	---		3.77821E-08	-2.85622	Week 8 down vs Week 2
10362674	NR_002842 // Rnu3a // U3A small nuclear RNA // 10 B1 // 19850	Rnu3a	7.60097E-08	-2.85509	Week 8 down vs Week 2
10339282	---		0.00457569	-2.85147	Week 8 down vs Week 2
10340421	---		8.99379E-05	-2.82973	Week 8 down vs Week 2
10340926	---		0.00024933	-2.82074	Week 8 down vs Week 2
10338543	---		1.66261E-06	-2.79907	Week 8 down vs Week 2
10338131	---		2.48676E-07	-2.79806	Week 8 down vs Week 2
10343012	---		1.15581E-05	-2.77405	Week 8 down vs Week 2
10340102	---		2.06232E-05	-2.76856	Week 8 down vs Week 2
10344513	---		7.95611E-05	-2.76567	Week 8 down vs Week 2
10343020	---		3.92489E-06	-2.75656	Week 8 down vs Week 2
10339292	---		1.30731E-07	-2.74957	Week 8 down vs Week 2
10339482	---		7.41535E-05	-2.72258	Week 8 down vs Week 2
10582580	---		0.000992066	-2.69403	Week 8 down vs Week 2
10363157	NM_001141927 // Pln // phospholamban // 10 B3 // 18821 /// NM_023129 // Pln // p	Pln	0.00465981	-2.69185	Week 8 down vs Week 2
10340930	---		4.43462E-05	-2.6897	Week 8 down vs Week 2
10339263	---		8.88839E-05	-2.68329	Week 8 down vs Week 2
10534343	NM_007925 // Eln // elastin // 5 G2|5 75.0 cM // 13717 /// ENSMUST00000015138 //	Eln	1.04355E-05	-2.67838	Week 8 down vs Week 2
10521537	NM_001081106 // Cytl1 // cytokine-like 1 // 5 B3 // 231162 /// ENSMUST0000007355	Cytl1	4.07452E-06	-2.67071	Week 8 down vs Week 2
10341101	---		6.77926E-07	-2.63621	Week 8 down vs Week 2
10607752	NM_009759 // Bmx // BMX non-receptor tyrosine kinase // X F // 12169 /// ENSMUST	Bmx	7.94472E-10	-2.61957	Week 8 down vs Week 2
10341245	---		1.36965E-07	-2.59648	Week 8 down vs Week 2

10340764	---		6.06591E-08	-2.58063	Week 8 down vs Week 2
10339255	---		3.09965E-05	-2.57527	Week 8 down vs Week 2
10341706	---		0.000134708	-2.56639	Week 8 down vs Week 2
10340088	---		6.31852E-06	-2.56104	Week 8 down vs Week 2
10339043	---		0.000218705	-2.55543	Week 8 down vs Week 2
10341527	---		9.89567E-07	-2.54833	Week 8 down vs Week 2
10339937	---		5.27315E-08	-2.54211	Week 8 down vs Week 2
10344121	---		0.00456195	-2.53707	Week 8 down vs Week 2
10340596	---		9.55821E-06	-2.52092	Week 8 down vs Week 2
10343441	---		7.50059E-08	-2.51996	Week 8 down vs Week 2
10343516	---		4.89809E-07	-2.51896	Week 8 down vs Week 2
10342823	---		0.0117483	-2.51177	Week 8 down vs Week 2
10455015	NR_027885 // Vaultrc5 // vault RNA component 5 // --- // 378472	Vaultrc5	0.00127607	-2.51097	Week 8 down vs Week 2
10484579	NM_207562 // Olfr1051 // olfactory receptor 1051 // 2 D // 404324 /// ENSMUST000	Olfr1051	8.5262E-11	-2.50487	Week 8 down vs Week 2
10563112	NR_001277 // Snord33 // small nucleolar RNA, C/D box 33 // 7 B4 // 27208	Snord33	2.06602E-07	-2.50382	Week 8 down vs Week 2
10400510	NM_025809 // Clec14a // C-type lectin domain family 14, member a // 12 C1 // 668	Clec14a	0.000530094	-2.49576	Week 8 down vs Week 2
10339442	---		2.07457E-05	-2.49388	Week 8 down vs Week 2
10340614	---		3.67208E-06	-2.48942	Week 8 down vs Week 2
10406519	NM_013500 // Hapln1 // hyaluronan and proteoglycan link protein 1 // 13 C3 // 12	Hapln1	7.912E-12	-2.48842	Week 8 down vs Week 2
10340325	---		1.60535E-06	-2.48756	Week 8 down vs Week 2
10341131	---		0.00684649	-2.48704	Week 8 down vs Week 2
10340110	---		0.000851013	-2.4839	Week 8 down vs Week 2
10341611	---		6.87149E-07	-2.48381	Week 8 down vs Week 2
10512884	---		2.70891E-08	-2.48103	Week 8 down vs Week 2
10582572	---		0.000213443	-2.46738	Week 8 down vs Week 2
10378438	---		0.000870905	-2.46441	Week 8 down vs Week 2
10338802	---		4.02891E-07	-2.4637	Week 8 down vs Week 2
10340723	---		0.000101711	-2.46064	Week 8 down vs Week 2
10343539	---		0.000009029	-2.45814	Week 8 down vs Week 2
10340885	---		0.00011453	-2.45419	Week 8 down vs Week 2
10498273	NM_008536 // Tm4sf1 // transmembrane 4 superfamily member 1 // 3 D // 17112 ///	Tm4sf1	0.000196326	-2.45212	Week 8 down vs Week 2
10340940	---		2.47923E-07	-2.45129	Week 8 down vs Week 2
10343450	---		0.000112895	-2.44869	Week 8 down vs Week 2
10339152	---		1.47669E-05	-2.44687	Week 8 down vs Week 2
10341968	---		7.90131E-06	-2.44541	Week 8 down vs Week 2
10343279	---		2.89951E-05	-2.4448	Week 8 down vs Week 2
10340392	---		0.00214824	-2.44126	Week 8 down vs Week 2
10344122	---		0.00133289	-2.43401	Week 8 down vs Week 2
10342898	---		7.88958E-06	-2.43181	Week 8 down vs Week 2
10580181	---		1.8663E-11	-2.42998	Week 8 down vs Week 2
10338319	---		2.02663E-06	-2.42209	Week 8 down vs Week 2
10339279	---		3.18253E-05	-2.41748	Week 8 down vs Week 2
10338782	---		0.00283602	-2.41437	Week 8 down vs Week 2
10546001	BC116955 // 1190003M12Rik // RIKEN cDNA 1190003M12 gene // 6 D1 // 68888 /// EN	1190003M12Rik	3.71233E-07	-2.40857	Week 8 down vs Week 2
10341597	---		1.20457E-05	-2.39723	Week 8 down vs Week 2
10342706	---		0.000120412	-2.39248	Week 8 down vs Week 2
10434229	NM_013805 // Cldn5 // claudin 5 // 16 A3|16 11.65 cM // 12741 /// ENSMUST0000004	Cldn5	1.04184E-05	-2.39131	Week 8 down vs Week 2
10340091	---		2.34598E-05	-2.38569	Week 8 down vs Week 2
10340999	---		0.000516226	-2.38445	Week 8 down vs Week 2
10343694	---		1.31998E-10	-2.38218	Week 8 down vs Week 2
10339836	---		2.59928E-07	-2.37181	Week 8 down vs Week 2
10598499	XM_905995 // Gm7079 // predicted gene 7079 // X A1.1 // 632013	Gm7079	2.91965E-09	-2.3685	Week 8 down vs Week 2
10340937	---		5.83411E-09	-2.36383	Week 8 down vs Week 2
10340781	---		8.56862E-08	-2.35626	Week 8 down vs Week 2
10341415	---		7.49138E-06	-2.35253	Week 8 down vs Week 2
10587799	NM_008880 // Plscr2 // phospholipid scramblase 2 // 9 E3.3 // 18828 /// ENSMUST0	Plscr2	1.34842E-07	-2.35245	Week 8 down vs Week 2
10339621	---		0.000230608	-2.34848	Week 8 down vs Week 2
10344297	---		0.00325216	-2.33328	Week 8 down vs Week 2
10340540	---		3.22058E-05	-2.32486	Week 8 down vs Week 2
10341814	---		2.19805E-06	-2.32184	Week 8 down vs Week 2
10340593	---		8.79772E-07	-2.32047	Week 8 down vs Week 2
10342995	---		0.000201816	-2.31894	Week 8 down vs Week 2
10344091	---		6.55789E-05	-2.31634	Week 8 down vs Week 2
10344119	---		1.48031E-06	-2.31235	Week 8 down vs Week 2
10343184	---		4.28813E-06	-2.31176	Week 8 down vs Week 2

10338156	---		2.54504E-06	-2.30839	Week 8 down vs Week 2
10338846	---		0.000238015	-2.29804	Week 8 down vs Week 2
10340228	---		0.000173518	-2.29737	Week 8 down vs Week 2
10342610	---		0.000406672	-2.29612	Week 8 down vs Week 2
10339815	---		1.24454E-05	-2.29509	Week 8 down vs Week 2
10608686	---		1.166E-12	-2.29464	Week 8 down vs Week 2
10488382	NM_010740 // Cd93 // CD93 antigen // 2 G3|2 84.0 cM // 17064 /// ENSMUST00000099	Cd93	0.000501266	-2.29239	Week 8 down vs Week 2
10340484	---		5.36315E-07	-2.29173	Week 8 down vs Week 2
10343047	---		3.83107E-07	-2.28073	Week 8 down vs Week 2
10341359	---		0.00866904	-2.28029	Week 8 down vs Week 2
10343961	---		3.75879E-05	-2.27282	Week 8 down vs Week 2
10342445	---		0.00402161	-2.27153	Week 8 down vs Week 2
10338242	---		0.000321399	-2.26894	Week 8 down vs Week 2
10592044	NM_144936 // Tmem45b // transmembrane protein 45b // 9 A4 // 235135 /// ENSMUST(	Tmem45b	0.000869501	-2.26772	Week 8 down vs Week 2
10344178	---		0.00158471	-2.26559	Week 8 down vs Week 2
10341035	---		0.00286638	-2.26557	Week 8 down vs Week 2
10342570	---		0.0072558	-2.26289	Week 8 down vs Week 2
10338563	---		1.53361E-05	-2.25874	Week 8 down vs Week 2
10343495	---		7.5122E-06	-2.25701	Week 8 down vs Week 2
10570741	NM_007843 // Defb1 // defensin beta 1 // 8 A4|8 9.0 cM // 13214 /// ENSMUST00000	Defb1	0.000901218	-2.25431	Week 8 down vs Week 2
10342748	---		0.000805416	-2.25398	Week 8 down vs Week 2
10339820	---		3.16216E-09	-2.25393	Week 8 down vs Week 2
10343130	---		4.69758E-06	-2.24695	Week 8 down vs Week 2
10378216	NM_016745 // Atp2a3 // ATPase, Ca++ transporting, ubiquitous // 11 B4 // 53313 /	Atp2a3	3.30315E-05	-2.24686	Week 8 down vs Week 2
10341059	---		5.23836E-05	-2.24659	Week 8 down vs Week 2
10542237	---		3.12204E-10	-2.2445	Week 8 down vs Week 2
10342904	---		2.49316E-07	-2.24303	Week 8 down vs Week 2
10441794	NM_030726 // Mrgprh // MAS-related GPR, member H // 17 A1 // 80978 /// ENSMUST0(	Mrgprh	1.30729E-05	-2.24123	Week 8 down vs Week 2
10343005	---		0.00102201	-2.23708	Week 8 down vs Week 2
10538636	NM_053232 // V1rc2 // vomeronasal 1 receptor, C2 // 6 B3 // 113859 /// ENSMUST00	V1rc2	2.58E-13	-2.23397	Week 8 down vs Week 2
10537169	NM_009731 // Akr1b7 // aldo-keto reductase family 1, member B7 // 6 B1|6 14.0 cM	Akr1b7	0.00175892	-2.23155	Week 8 down vs Week 2
10344557	---		8.54092E-06	-2.23122	Week 8 down vs Week 2
10339217	---		8.49414E-09	-2.22207	Week 8 down vs Week 2
10342992	---		7.166E-12	-2.21883	Week 8 down vs Week 2
10341837	---		5.23213E-05	-2.2131	Week 8 down vs Week 2
10341813	---		0.0135512	-2.21254	Week 8 down vs Week 2
10340909	---		0.0151488	-2.21134	Week 8 down vs Week 2
10339159	---		0.00117224	-2.20721	Week 8 down vs Week 2
10344203	---		2.61816E-07	-2.20467	Week 8 down vs Week 2
10343891	---		1E-15	-2.20222	Week 8 down vs Week 2
10343652	---		0.00107243	-2.19958	Week 8 down vs Week 2
10343208	---		0.000421999	-2.19375	Week 8 down vs Week 2
10549495	NM_009093 // Rps29 // ribosomal protein S29 // --- // 20090 /// L31609 // Rps29	Rps29	7.43447E-10	-2.19066	Week 8 down vs Week 2
10340466	---		2.80549E-07	-2.18927	Week 8 down vs Week 2
10343886	---		8.96875E-05	-2.18741	Week 8 down vs Week 2
10340151	---		0.000103655	-2.18677	Week 8 down vs Week 2
10339420	---		6.6098E-06	-2.18656	Week 8 down vs Week 2
10341627	---		0.000371138	-2.18424	Week 8 down vs Week 2
10342617	---		5.72503E-06	-2.18248	Week 8 down vs Week 2
10342351	---		0.000396528	-2.17908	Week 8 down vs Week 2
10344059	---		1.59052E-05	-2.17549	Week 8 down vs Week 2
10367479	NM_146545 // Olfr1518 // olfactory receptor 1518 // --- // 258538	Olfr1518	1.26853E-10	-2.17294	Week 8 down vs Week 2
10339782	---		3.72779E-05	-2.17213	Week 8 down vs Week 2
10339840	---		2.60566E-05	-2.17029	Week 8 down vs Week 2
10342323	---		1.44762E-07	-2.16718	Week 8 down vs Week 2
10341012	---		8.42896E-06	-2.16392	Week 8 down vs Week 2
10343096	---		1.91803E-06	-2.159	Week 8 down vs Week 2
10343360	---		6.57837E-05	-2.15887	Week 8 down vs Week 2
10340667	---		4.26385E-05	-2.15563	Week 8 down vs Week 2
10366476	NM_029928 // Ptprb // protein tyrosine phosphatase, receptor type, B // 10 D2 //	Ptprb	0.00415982	-2.15539	Week 8 down vs Week 2
10341430	---		0.000381936	-2.15276	Week 8 down vs Week 2
10343988	---		9.25108E-06	-2.15121	Week 8 down vs Week 2
10343134	---		1.40719E-05	-2.14674	Week 8 down vs Week 2
10340118	---		5.04349E-05	-2.14299	Week 8 down vs Week 2
10341331	---		0.000530856	-2.13859	Week 8 down vs Week 2

10343231	---		1.74576E-05	-2.13806	Week 8 down vs Week 2
10343326	---		0.00537872	-2.13652	Week 8 down vs Week 2
10587383	NM_153098 // Cd109 // CD109 antigen // 9 E1 // 235505 /// ENSMUST00000093812 //	Cd109	0.000678931	-2.13443	Week 8 down vs Week 2
10390211	NM_009951 // Igf2bp1 // insulin-like growth factor 2 mRNA binding protein 1 // 1	Igf2bp1	6.49816E-10	-2.1336	Week 8 down vs Week 2
10342755	---		1.65807E-06	-2.13127	Week 8 down vs Week 2
10341232	---		2.63187E-05	-2.13009	Week 8 down vs Week 2
10338834	---		0.00122718	-2.12938	Week 8 down vs Week 2
10339129	---		0.000689409	-2.12835	Week 8 down vs Week 2
10355341	---		2.68371E-08	-2.12287	Week 8 down vs Week 2
10344492	---		0.000138576	-2.12261	Week 8 down vs Week 2
10338844	---		3.6569E-06	-2.12025	Week 8 down vs Week 2
10344079	---		1.02562E-05	-2.11725	Week 8 down vs Week 2
10339047	---		1.8021E-06	-2.11641	Week 8 down vs Week 2
10521134	NM_009093 // Rps29 // ribosomal protein S29 // --- // 20090 /// L31609 // Rps29	Rps29	2.19656E-10	-2.11528	Week 8 down vs Week 2
10555233	---		0.000104803	-2.11418	Week 8 down vs Week 2
10340718	---		0.0002242	-2.11319	Week 8 down vs Week 2
10338958	---		2.95833E-05	-2.11302	Week 8 down vs Week 2
10343263	---		0.000194288	-2.11252	Week 8 down vs Week 2
10342148	---		0.00190734	-2.11195	Week 8 down vs Week 2
10432129	NM_001011733 // Olfr288 // olfactory receptor 288 // 15 F1 // 545140	Olfr288	1.38889E-05	-2.11136	Week 8 down vs Week 2
10342996	---		0.00203172	-2.11123	Week 8 down vs Week 2
10380059	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	3.18245E-05	-2.10956	Week 8 down vs Week 2
10380061	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	3.18245E-05	-2.10956	Week 8 down vs Week 2
10380063	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	3.18245E-05	-2.10956	Week 8 down vs Week 2
10380065	NR_004415 // Rnu3b1 // U3B small nuclear RNA 1 // 11 47.0 cM // 19858 /// NR_027	Rnu3b1	3.18245E-05	-2.10956	Week 8 down vs Week 2
10555736	NM_147093 // Olfr558 // olfactory receptor 558 // --- // 259097 /// ENSMUST00000	Olfr558	1.69667E-05	-2.10822	Week 8 down vs Week 2
10338645	---		4.6703E-06	-2.10522	Week 8 down vs Week 2
10342175	---		2.18293E-05	-2.10261	Week 8 down vs Week 2
10341291	---		0.000014876	-2.09562	Week 8 down vs Week 2
10343742	---		0.000115466	-2.09544	Week 8 down vs Week 2
10338650	---		6.19094E-05	-2.09484	Week 8 down vs Week 2
10338774	---		5.28604E-06	-2.09284	Week 8 down vs Week 2
10339397	---		2.13742E-05	-2.09275	Week 8 down vs Week 2
10338967	---		0.000640801	-2.09182	Week 8 down vs Week 2
10339006	---		2.18266E-06	-2.09119	Week 8 down vs Week 2
10574427	NM_011830 // Impdh2 // inosine 5'-phosphate dehydrogenase 2 // 9 F2 // 23918 ///	Impdh2	4.26489E-08	-2.09081	Week 8 down vs Week 2
10338264	---		0.00121554	-2.08991	Week 8 down vs Week 2
10343059	---		0.000673847	-2.08981	Week 8 down vs Week 2
10338185	---		0.00558523	-2.08593	Week 8 down vs Week 2
10545217	ENSMUST00000103366 // LOC100046973 // similar to [Human Ig rearranged gamma c	LOC100046973	0.000121364	-2.07991	Week 8 down vs Week 2
10400635	NM_009093 // Rps29 // ribosomal protein S29 // --- // 20090 /// L31609 // Rps29	Rps29	2.10546E-09	-2.07857	Week 8 down vs Week 2
10490126	NM_009093 // Rps29 // ribosomal protein S29 // --- // 20090 /// L31609 // Rps29	Rps29	1.60138E-09	-2.07486	Week 8 down vs Week 2
10378409	---		9.79067E-06	-2.07229	Week 8 down vs Week 2
10580469	NM_019626 // Cbln1 // cerebellin 1 precursor protein // 8 C3|8 40.0 cM // 12404	Cbln1	0.000467886	-2.06771	Week 8 down vs Week 2
10338600	---		0.000339237	-2.06564	Week 8 down vs Week 2
10342124	---		0.000338471	-2.06347	Week 8 down vs Week 2
10343789	---		0.000207061	-2.06295	Week 8 down vs Week 2
10548752	---		1.77945E-08	-2.06278	Week 8 down vs Week 2
10342859	---		2.24926E-05	-2.06166	Week 8 down vs Week 2
10341903	---		0.00261489	-2.05891	Week 8 down vs Week 2
10338969	---		0.000131029	-2.05811	Week 8 down vs Week 2
10342218	---		0.00162769	-2.05785	Week 8 down vs Week 2
10528455	---		6.2173E-11	-2.05646	Week 8 down vs Week 2
10453250	---		0.000200623	-2.05635	Week 8 down vs Week 2
10341265	---		0.000143752	-2.05529	Week 8 down vs Week 2
10343306	---		0.000465528	-2.05484	Week 8 down vs Week 2
10339663	---		0.000448011	-2.05391	Week 8 down vs Week 2
10343830	---		0.00290335	-2.05385	Week 8 down vs Week 2
10531051	NM_001029867 // Ugt2b36 // UDP glucuronosyltransferase 2 family, polypeptide B36	Ugt2b36	2.02517E-10	-2.05383	Week 8 down vs Week 2
10342616	---		0.000599853	-2.05204	Week 8 down vs Week 2
10340646	---		0.00298493	-2.05127	Week 8 down vs Week 2
10338851	---		1.89508E-06	-2.05053	Week 8 down vs Week 2
10339102	---		3.02767E-06	-2.04742	Week 8 down vs Week 2
10344088	---		6.18864E-06	-2.04689	Week 8 down vs Week 2
10584382	NM_146336 // Olfr893 // olfactory receptor 893 // --- // 258333 /// ENSMUST00000	Olfr893	3.2613E-08	-2.0466	Week 8 down vs Week 2

10339600	---		3.30076E-05	-2.04646	Week 8 down vs Week 2
10343181	---		2.87302E-05	-2.04486	Week 8 down vs Week 2
10340847	---		0.00144872	-2.04474	Week 8 down vs Week 2
10339773	---		0.000192415	-2.04326	Week 8 down vs Week 2
10339884	---		0.00114457	-2.04317	Week 8 down vs Week 2
10362160	---		9.79278E-06	-2.03834	Week 8 down vs Week 2
10550320	---		3.24588E-05	-2.03812	Week 8 down vs Week 2
10339893	---		7.69738E-06	-2.03798	Week 8 down vs Week 2
10341684	---		6.64465E-05	-2.03588	Week 8 down vs Week 2
10340446	---		0.00238634	-2.0357	Week 8 down vs Week 2
10343120	---		0.00426421	-2.03502	Week 8 down vs Week 2
10338794	---		0.000553302	-2.03452	Week 8 down vs Week 2
10340601	---		2.80102E-06	-2.02957	Week 8 down vs Week 2
10342586	---		0.000474104	-2.02716	Week 8 down vs Week 2
10461784	NM_146303 // Olfr1449 // olfactory receptor 1449 // --- // 258300 /// ENSMUST000	Olfr1449	1.28147E-09	-2.0248	Week 8 down vs Week 2
10340258	---		8.45644E-05	-2.02426	Week 8 down vs Week 2
10470911	---		8.79629E-08	-2.0241	Week 8 down vs Week 2
10340886	---		0.00105643	-2.02345	Week 8 down vs Week 2
10339979	---		4.86217E-06	-2.02329	Week 8 down vs Week 2
10340429	---		2.15233E-06	-2.02251	Week 8 down vs Week 2
10608136	---		2.43174E-05	-2.02151	Week 8 down vs Week 2
10339489	---		0.000513378	-2.02151	Week 8 down vs Week 2
10343659	---		9.32328E-05	-2.01824	Week 8 down vs Week 2
10344132	---		0.000631004	-2.01524	Week 8 down vs Week 2
10341424	---		0.00459825	-2.01467	Week 8 down vs Week 2
10344299	---		4.19361E-05	-2.0143	Week 8 down vs Week 2
10340101	---		1.78876E-05	-2.01409	Week 8 down vs Week 2
10340974	---		0.000367679	-2.0136	Week 8 down vs Week 2
10340479	---		1.25793E-05	-2.01334	Week 8 down vs Week 2
10392221	NM_008816 // Pecam1 // platelet/endothelial cell adhesion molecule 1 // 11 E1 //	Pecam1	0.00323619	-2.00938	Week 8 down vs Week 2
10342724	---		0.00066241	-2.00626	Week 8 down vs Week 2
10479743	ENSMUST00000089788 // Gm14496 // predicted gene 14496 // 2 H4|2 // 672125	Gm14496	8.7646E-11	-2.00576	Week 8 down vs Week 2
10342866	---		2.50847E-06	-2.00481	Week 8 down vs Week 2
10342868	---		0.00483954	-2.00225	Week 8 down vs Week 2
10344186	---		2.30543E-05	-2.00101	Week 8 down vs Week 2
10342819	---		0.000552323	-2.0005	Week 8 down vs Week 2
10339060	---		0.00032685	-2.00039	Week 8 down vs Week 2
10343956	---		0.000950102	2.00054	Week 8 up vs Week 2
10385500	NM_008326 // Irgm1 // immunity-related GTPase family M member 1 // 11 B1.2 // 15	Irgm1	0.000081563	2.00123	Week 8 up vs Week 2
10412657	---		0.000174387	2.00196	Week 8 up vs Week 2
10544932	NM_009349 // Inmt // indolethylamine N-methyltransferase // 6 B3 // 21743 /// EN	Inmt	0.0058357	2.00344	Week 8 up vs Week 2
10511631	NM_145947 // Slc26a7 // solute carrier family 26, member 7 // 4 A1 // 208890 ///	Slc26a7	0.000814824	2.00349	Week 8 up vs Week 2
10339969	---		5.5327E-07	2.00455	Week 8 up vs Week 2
10341446	---		0.000972066	2.0105	Week 8 up vs Week 2
10481592	NM_010065 // Dnm1 // dynamin 1 // 2 B|2 17.0 cM // 13429 /// ENSMUST00000091089	Dnm1	3.10438E-05	2.01479	Week 8 up vs Week 2
10344259	---		0.000204521	2.01481	Week 8 up vs Week 2
10341720	---		6.18553E-06	2.01507	Week 8 up vs Week 2
10344255	---		0.000427635	2.01507	Week 8 up vs Week 2
10386238	AY603754 // Obscn // obscurin, cytoskeletal calmodulin and titin-interacting Rho	Obscn	0.00254452	2.01511	Week 8 up vs Week 2
10395414	NM_178767 // Tmem195 // transmembrane protein 195 // 12 A3 // 319660 /// ENSMUST	Tmem195	7.01479E-05	2.0158	Week 8 up vs Week 2
10343328	---		1.80888E-05	2.01607	Week 8 up vs Week 2
10517517	NM_007572 // C1qa // complement component 1, q subcomponent, alpha polypeptide /	C1qa	7.76165E-09	2.0169	Week 8 up vs Week 2
10422321	NM_025943 // Dzip1 // DAZ interacting protein 1 // 14 E4 // 66573 /// ENSMUST000	Dzip1	1.11822E-06	2.01866	Week 8 up vs Week 2
10530059	NM_172710 // 2310045A20Rik // RIKEN cDNA 2310045A20 gene // 5 C1 // 231238 /// B	2310045A20Rik	1.50057E-06	2.02078	Week 8 up vs Week 2
10339816	---		3.80498E-07	2.02206	Week 8 up vs Week 2
10589462	U08819 // Mtap4 // microtubule-associated protein 4 // 9 F2|9 58.0 cM // 17758	Mtap4	0.00122088	2.02347	Week 8 up vs Week 2
10343117	---		0.000198598	2.02414	Week 8 up vs Week 2
10429968	---		5.04434E-09	2.0256	Week 8 up vs Week 2
10338079	---		0.00119789	2.02685	Week 8 up vs Week 2
10344084	---		0.000110424	2.02723	Week 8 up vs Week 2
10338581	---		0.00133635	2.02748	Week 8 up vs Week 2
10338763	---		1.93845E-07	2.029	Week 8 up vs Week 2
10552964	NM_010240 // Ftl1 // ferritin light chain 1 // 7 B4 // 14325 /// NM_008049 // Ft	Ftl1	1.05447E-07	2.0346	Week 8 up vs Week 2
10586491	NM_010019 // Dapk2 // death-associated protein kinase 2 // 9 C|9 32.0 cM // 1314	Dapk2	1.29636E-05	2.03671	Week 8 up vs Week 2
10450374	L78788 // D17H6S56E-5 // DNA segment, Chr 17, human D6S56E 5 // 17 B1|17 19.0 cM	D17H6S56E-5	0.00028539	2.037	Week 8 up vs Week 2

10436095	NM_020509 // Retnla // resistin like alpha // 16 B5|16 32.6 cM // 57262 /// ENSM	Retnla	0.00026208	2.03813	Week 8 up vs Week 2
10490159	NM_022995 // Pmepa1 // prostate transmembrane protein, androgen induced 1 // 2 H	Pmepa1	2.26239E-06	2.03833	Week 8 up vs Week 2
10341523	---		0.0015268	2.04372	Week 8 up vs Week 2
10430174	NM_173786 // Apol9a // apolipoprotein L 9a // 15 E1 // 223672 /// NM_001162883 /	Apol9a	0.00263878	2.04384	Week 8 up vs Week 2
10341890	---		1.93674E-05	2.04476	Week 8 up vs Week 2
10559207	NM_019391 // Lsp1 // lymphocyte specific 1 // 7 F5|7 69.0 cM // 16985 /// NM_001	Lsp1	1.58016E-05	2.04578	Week 8 up vs Week 2
10488804	XR_031617 // Gm14214 // predicted gene 14214 // 2 H1 // 435692	Gm14214	2.92264E-05	2.04609	Week 8 up vs Week 2
10532580	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	6.91031E-06	2.04634	Week 8 up vs Week 2
10552945	NM_030678 // Gys1 // glycogen synthase 1, muscle // 7 B4|7 23.0 cM // 14936 ///	Gys1	9.96445E-05	2.04913	Week 8 up vs Week 2
10508614	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	0.00790386	2.04947	Week 8 up vs Week 2
10425049	NM_173743 // Apol9b // apolipoprotein L 9b // 15 E1 // 71898 /// NM_001162883 //	Apol9b	0.00230008	2.05082	Week 8 up vs Week 2
10344429	---		1.15968E-08	2.05113	Week 8 up vs Week 2
10341091	---		0.000211161	2.05117	Week 8 up vs Week 2
10593316	---		8.80381E-07	2.05261	Week 8 up vs Week 2
10462313	NM_009199 // Slc1a1 // solute carrier family 1 (neuronal/epithelial high affinit	Slc1a1	0.000324868	2.05988	Week 8 up vs Week 2
10391061	NM_008470 // Krt16 // keratin 16 // 11 D // 16666 /// ENSMUST00000007280 // Krt1	Krt16	0.014305	2.05992	Week 8 up vs Week 2
10343281	---		0.00111083	2.06277	Week 8 up vs Week 2
10502638	NM_178697 // Clca5 // chloride channel calcium activated 5 // 3 H2 // 229933 ///	Clca5	0.000120375	2.06583	Week 8 up vs Week 2
10362432	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.79767E-05	2.06949	Week 8 up vs Week 2
10339556	---		0.000013935	2.07075	Week 8 up vs Week 2
10373093	NM_030714 // Dtx3 // deltex 3 homolog (Drosophila) // 10 D3 // 80904 /// ENSMUST	Dtx3	4.10049E-05	2.0712	Week 8 up vs Week 2
10343317	---		3.16781E-05	2.07519	Week 8 up vs Week 2
10341889	---		0.000015984	2.07701	Week 8 up vs Week 2
10341965	---		0.000284337	2.07947	Week 8 up vs Week 2
10499132	NM_011839 // Mab21l2 // mab-21-like 2 (C. elegans) // 3 F1 // 23937 /// ENSMUST0	Mab21l2	0.00125689	2.08149	Week 8 up vs Week 2
10339014	---		1.76634E-05	2.08379	Week 8 up vs Week 2
10429564	NM_010738 // Ly6a // lymphocyte antigen 6 complex, locus A // 15 D3|15 42.7 cM /	Ly6a	0.00062061	2.08434	Week 8 up vs Week 2
10379636	NM_011410 // Slfn4 // schlafen 4 // 11 C // 20558 /// ENSMUST00000000208 // Slfn	Slfn4	0.000428175	2.08773	Week 8 up vs Week 2
10362450	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00114717	2.08798	Week 8 up vs Week 2
10456071	NM_001037859 // Csf1r // colony stimulating factor 1 receptor // 18 D|18 30.0 cM	Csf1r	2.14054E-07	2.08816	Week 8 up vs Week 2
10340918	---		0.000141567	2.08823	Week 8 up vs Week 2
10507908	NM_010213 // Fhl3 // four and a half LIM domains 3 // 4 D1 // 14201 /// ENSMUST0	Fhl3	0.000681114	2.08836	Week 8 up vs Week 2
10596279	NM_001163026 // Dnajc13 // DnaJ (Hsp40) homolog, subfamily C, member 13 // 9 F1	Dnajc13	0.000172613	2.09198	Week 8 up vs Week 2
10532574	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.0011857	2.09302	Week 8 up vs Week 2
10552919	NM_010473 // Hrc // histidine rich calcium binding protein // 7 B4|7 20.4 cM //	Hrc	0.000770756	2.0936	Week 8 up vs Week 2
10338419	---		1.66632E-05	2.09531	Week 8 up vs Week 2
10540401	NM_008516 // Lrrn1 // leucine rich repeat protein 1, neuronal // 6 E1 // 16979 /	Lrrn1	0.00516966	2.09557	Week 8 up vs Week 2
10340197	---		0.00333372	2.09595	Week 8 up vs Week 2
10423098	NM_053077 // Slc45a2 // solute carrier family 45, member 2 // 15 A1|15 6.7 cM //	Slc45a2	0.00410733	2.09683	Week 8 up vs Week 2
10484520	BC120879 // 4833423E24Rik // RIKEN cDNA 4833423E24 gene // 2 D // 228151 /// ENS	4833423E24Rik	0.00897078	2.10206	Week 8 up vs Week 2
10351504	FJ556972 // EG665955 // predicted gene, EG665955 // 5 B3 // 665955	EG665955	6.33754E-05	2.10893	Week 8 up vs Week 2
10339252	---		0.000988047	2.11005	Week 8 up vs Week 2
10517513	NM_007574 // C1qc // complement component 1, q subcomponent, C chain // 4 D3|4 6	C1qc	1.43664E-08	2.11163	Week 8 up vs Week 2
10498653	NM_133675 // 1110032A04Rik // RIKEN cDNA 1110032A04 gene // 3 E3 // 66183 /// EN	1110032A04Rik	0.000129337	2.11268	Week 8 up vs Week 2
10541318	NM_144512 // Slc6a13 // solute carrier family 6 (neurotransmitter transporter, G	Slc6a13	0.00210382	2.11369	Week 8 up vs Week 2
10534085	NM_011079 // Phkg1 // phosphorylase kinase gamma 1 // 5 G1.3|5 72.0 cM // 18682	Phkg1	0.000274426	2.11429	Week 8 up vs Week 2
10379153	NM_009657 // Aldoc // aldolase C, fructose-bisphosphate // 11 B5|11 44.98 cM //	Aldoc	0.000284304	2.11827	Week 8 up vs Week 2
10341401	---		0.00116072	2.11873	Week 8 up vs Week 2
10341472	---		0.000907145	2.1203	Week 8 up vs Week 2
10589494	NM_013884 // Cspg5 // chondroitin sulfate proteoglycan 5 // 9 F2 // 29873 /// AF	Cspg5	0.000125452	2.12088	Week 8 up vs Week 2
10343618	---		3.78246E-06	2.12139	Week 8 up vs Week 2
10490203	NM_010309 // Gnas // GNAS (guanine nucleotide binding protein, alpha stimulating	Gnas	2.83207E-06	2.12221	Week 8 up vs Week 2
10553477	NM_177694 // Ano5 // anoctamin 5 // 7 B5 // 233246 /// ENSMUST00000043944 // Ano	Ano5	0.00254193	2.12594	Week 8 up vs Week 2
10340236	---		0.000179521	2.12853	Week 8 up vs Week 2
10341041	---		0.000501919	2.12937	Week 8 up vs Week 2
10339690	---		0.00101427	2.13033	Week 8 up vs Week 2
10341403	---		8.42359E-07	2.13352	Week 8 up vs Week 2
10342002	---		0.000872416	2.13428	Week 8 up vs Week 2
10578916	NM_025436 // Sc4mol // sterol-C4-methyl oxidase-like // 8 B3.1 // 66234 /// ENSM	Sc4mol	0.00425712	2.1345	Week 8 up vs Week 2
10340697	---		0.0001421	2.13473	Week 8 up vs Week 2
10357870	NM_054077 // Prelp // proline arginine-rich end leucine-rich repeat // 1 E4|1 74	Prelp	0.000346533	2.13569	Week 8 up vs Week 2
10339479	---		0.0000991	2.13675	Week 8 up vs Week 2
10564565	XR_034027 // Gm7693 // predicted gene 7693 // 7 D1 // 665570	Gm7693	8.75593E-09	2.13698	Week 8 up vs Week 2
10342879	---		7.39155E-06	2.13751	Week 8 up vs Week 2
10341666	---		9.48093E-08	2.14384	Week 8 up vs Week 2

10355500	NM_010518 // Igfbp5 // insulin-like growth factor binding protein 5 // 1 C3|1 36	Igfbp5	0.000590608	2.14461	Week 8 up vs Week 2
10379489	NM_029537 // Tmem98 // transmembrane protein 98 // 11 B5 // 103743 /// ENSMUST0(	Tmem98	0.000387247	2.14481	Week 8 up vs Week 2
10340683	---		0.000327756	2.14688	Week 8 up vs Week 2
10540248	NM_001113198 // Mitf // microphthalmia-associated transcription factor // 6 D3|6	Mitf	0.00360864	2.14762	Week 8 up vs Week 2
10593293	NM_001081445 // Ncam1 // neural cell adhesion molecule 1 // 9 A5.3|9 28.0 cM //	Ncam1	9.49153E-05	2.14795	Week 8 up vs Week 2
10338569	---		0.000181619	2.15051	Week 8 up vs Week 2
10338511	---		4.57968E-07	2.15583	Week 8 up vs Week 2
10342726	---		0.00317888	2.15681	Week 8 up vs Week 2
10344584	---		6.6518E-09	2.15684	Week 8 up vs Week 2
10338933	---		0.000287179	2.15799	Week 8 up vs Week 2
10517677	NM_008675 // Nbl1 // neuroblastoma, suppression of tumorigenicity 1 // 4 D3|4 70	Nbl1	2.27458E-05	2.1607	Week 8 up vs Week 2
10341660	---		0.00367912	2.16147	Week 8 up vs Week 2
10340832	---		0.00004404	2.16467	Week 8 up vs Week 2
10339750	---		0.00256236	2.16478	Week 8 up vs Week 2
10344952	NM_133832 // Rdh10 // retinol dehydrogenase 10 (all-trans) // 1 A3|1 12.0 cM //	Rdh10	0.00131708	2.16484	Week 8 up vs Week 2
10338486	---		4.26964E-07	2.16747	Week 8 up vs Week 2
10338833	---		9.01266E-05	2.16788	Week 8 up vs Week 2
10343145	---		1.43549E-07	2.16835	Week 8 up vs Week 2
10571312	NM_176933 // Dusp4 // dual specificity phosphatase 4 // 8 A4 // 319520 /// ENSMU	Dusp4	1.92419E-05	2.17061	Week 8 up vs Week 2
10340055	---		1.52669E-05	2.17251	Week 8 up vs Week 2
10343865	---		1.80651E-05	2.17401	Week 8 up vs Week 2
10340979	---		1.29674E-09	2.17535	Week 8 up vs Week 2
10379127	NM_017407 // Spag5 // sperm associated antigen 5 // 11 B5|11 44.95 cM // 54141 /	Spag5	4.21261E-08	2.17837	Week 8 up vs Week 2
10341777	---		0.00132658	2.1788	Week 8 up vs Week 2
10342304	---		1.72387E-06	2.17892	Week 8 up vs Week 2
10338716	---		2.57479E-05	2.17985	Week 8 up vs Week 2
10338212	---		2.10818E-05	2.17999	Week 8 up vs Week 2
10338784	---		0.000128235	2.18026	Week 8 up vs Week 2
10559043	NM_010844 // Muc5ac // mucin 5, subtypes A and C, tracheobronchial/gastric // 7	Muc5ac	1.32636E-05	2.18134	Week 8 up vs Week 2
10341548	---		0.000067632	2.18182	Week 8 up vs Week 2
10340305	---		7.39164E-06	2.18196	Week 8 up vs Week 2
10339109	---		0.00225312	2.18406	Week 8 up vs Week 2
10452770	NM_001033444 // Capn13 // calpain 13 // 17 E2 // 381122 /// ENSMUST00000095208 /	Capn13	0.000416339	2.18488	Week 8 up vs Week 2
10484463	NM_009776 // Serping1 // serine (or cysteine) peptidase inhibitor, clade G, memb	Serping1	0.000807718	2.18564	Week 8 up vs Week 2
10477649	NM_019811 // Acss2 // acyl-CoA synthetase short-chain family member 2 // 2 H2 //	Acss2	3.79049E-09	2.18572	Week 8 up vs Week 2
10415279	NM_026808 // Fitm1 // fat storage-inducing transmembrane protein 1 // 14 C3 // 6	Fitm1	0.0052267	2.18866	Week 8 up vs Week 2
10342007	---		0.000184214	2.19061	Week 8 up vs Week 2
10545588	NM_013820 // Hk2 // hexokinase 2 // 6 C3|6 34.5 cM // 15277 /// ENSMUST000000006	Hk2	8.03007E-07	2.19218	Week 8 up vs Week 2
10503212	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	0.000548826	2.19484	Week 8 up vs Week 2
10532578	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.0000949	2.19493	Week 8 up vs Week 2
10545283	NM_001160127 // Smyd1 // SET and MYND domain containing 1 // 6 C1|6 30.5 cM // 1	Smyd1	0.00407916	2.19612	Week 8 up vs Week 2
10340298	---		2.34903E-05	2.19958	Week 8 up vs Week 2
10543017	NM_013743 // Pdk4 // pyruvate dehydrogenase kinase, isoenzyme 4 // 6 A1|6 0.63 c	Pdk4	0.00600108	2.20002	Week 8 up vs Week 2
10341363	---		3.50201E-07	2.20007	Week 8 up vs Week 2
10444459	NM_031176 // Tnxb // tenascin XB // 17 B1|17 18.74 cM // 81877 /// ENSMUST000000	Tnxb	0.000830498	2.20049	Week 8 up vs Week 2
10548622	NM_198669 // Prb1 // proline-rich protein BstNI subfamily 1 // 6 G1 // 381833 //	Prb1	0.00666127	2.20058	Week 8 up vs Week 2
10344138	---		6.16997E-06	2.20426	Week 8 up vs Week 2
10338633	---		0.000019217	2.20464	Week 8 up vs Week 2
10341621	---		0.000206684	2.20739	Week 8 up vs Week 2
10339622	---		1.79455E-05	2.21262	Week 8 up vs Week 2
10342822	---		0.00131895	2.21413	Week 8 up vs Week 2
10558740	XM_001480612 // Gm15542 // DnaJ-like protein // 7 F5|7 // 100043546	Gm15542	0.00015205	2.21439	Week 8 up vs Week 2
10391066	NM_010663 // Krt17 // keratin 17 // 11 D|11 58.7 cM // 16667 /// ENSMUST00000080	Krt17	0.00180855	2.21713	Week 8 up vs Week 2
10347915	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	4.56952E-05	2.21759	Week 8 up vs Week 2
10341092	---		0.000258073	2.2232	Week 8 up vs Week 2
10399478	NM_015763 // Lpin1 // lipin 1 // 12 A1.1|12 9.0 cM // 14245 /// NM_172950 // Lpi	Lpin1	1.19613E-10	2.22357	Week 8 up vs Week 2
10349295	NM_023755 // Tcfcp2l1 // transcription factor CP2-like 1 // 1 E2 // 81879 /// EN	Tcfcp2l1	2.42008E-08	2.22642	Week 8 up vs Week 2
10339431	---		0.00114907	2.22648	Week 8 up vs Week 2
10338625	---		0.000614901	2.2287	Week 8 up vs Week 2
10528385	NM_011261 // Reln // reelin // 5 A3-B1|5 8.0 cM // 19699 /// ENSMUST00000062372	Reln	0.00175927	2.23054	Week 8 up vs Week 2
10339418	---		6.80167E-05	2.23613	Week 8 up vs Week 2
10341365	---		0.000137519	2.23801	Week 8 up vs Week 2
10502575	NM_139148 // Clca4 // chloride channel calcium activated 4 // 3 H2-H3 // 229927	Clca4	0.00090585	2.2398	Week 8 up vs Week 2
10377148	NM_177369 // Myh8 // myosin, heavy polypeptide 8, skeletal muscle, perinatal //	Myh8	0.00677344	2.24063	Week 8 up vs Week 2
10340883	---		0.00142891	2.24104	Week 8 up vs Week 2

10585803	NM_009291 // Stra6 // stimulated by retinoic acid gene 6 // 9 C // 20897 /// NM_	Stra6	0.000105584	2.24158	Week 8 up vs Week 2
10344440	---		7.89739E-07	2.24783	Week 8 up vs Week 2
10343695	---		2.43012E-05	2.25396	Week 8 up vs Week 2
10477206	NM_001081044 // Mylk2 // myosin, light polypeptide kinase 2, skeletal muscle //	Mylk2	0.00016427	2.25546	Week 8 up vs Week 2
10344600	---		0.000009765	2.2574	Week 8 up vs Week 2
10343910	---		4.52219E-05	2.25807	Week 8 up vs Week 2
10574149	FJ889356 // Nlrc5 // NLR family, CARD domain containing 5 // 8 C5 // 434341	Nlrc5	2.8135E-08	2.26016	Week 8 up vs Week 2
10517655	NM_001122954 // Pla2g5 // phospholipase A2, group V // 4 D3|4 68.0 cM // 18784 /	Pla2g5	9.9541E-06	2.2628	Week 8 up vs Week 2
10407327	NM_010330 // Emb // embigin // 13 D2.3 // 13723 /// ENSMUST00000022242 // Emb //	Emb	4.73279E-07	2.26376	Week 8 up vs Week 2
10341314	---		0.00846417	2.26681	Week 8 up vs Week 2
10342255	---		0.000514642	2.27003	Week 8 up vs Week 2
10338849	---		0.000592317	2.27376	Week 8 up vs Week 2
10607064	NM_001007576 // Gucy2f // guanylate cyclase 2f // X F2|X 61.0 cM // 245650 /// E	Gucy2f	0.00175716	2.27891	Week 8 up vs Week 2
10582879	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	1.08523E-05	2.283	Week 8 up vs Week 2
10456096	NM_146086 // Pde6a // phosphodiesterase 6A, cGMP-specific, rod, alpha // 18 E1 /	Pde6a	0.013905	2.28308	Week 8 up vs Week 2
10343174	---		0.000844659	2.28365	Week 8 up vs Week 2
10341272	---		3.92622E-06	2.28615	Week 8 up vs Week 2
10583887	NM_175678 // Npsr1 // neuropeptide S receptor 1 // 9 A3-A4 // 319239 /// ENSMUST	Npsr1	0.00034002	2.28627	Week 8 up vs Week 2
10419525	BC137729 // A930018M24Rik // RIKEN cDNA A930018M24 gene // 14 C1 // 328399	A930018M24Rik	4.63366E-05	2.28692	Week 8 up vs Week 2
10367379	NM_021882 // Si // silver // 10 D3|10 70.0 cM // 20431 /// ENSMUST00000054125 //	Si	0.0135619	2.29274	Week 8 up vs Week 2
10380887	NM_011540 // Tcap // titin-cap // 11 D // 21393 /// ENSMUST00000008021 // Tcap /	Tcap	0.00298359	2.29306	Week 8 up vs Week 2
10338866	---		0.000769623	2.29434	Week 8 up vs Week 2
10342252	---		0.000014886	2.30161	Week 8 up vs Week 2
10374083	NM_009636 // Aebp1 // AE binding protein 1 // 11 A1 // 11568 /// ENSMUST00000102	Aebp1	1.46439E-05	2.3088	Week 8 up vs Week 2
10344270	---		6.46876E-06	2.31154	Week 8 up vs Week 2
10422164	NM_007904 // Ednrb // endothelin receptor type B // 14 E2.3|14 51.0 cM // 13618	Ednrb	0.00190782	2.31551	Week 8 up vs Week 2
10356274	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	5.53177E-06	2.31615	Week 8 up vs Week 2
10338989	---		0.00129407	2.32134	Week 8 up vs Week 2
10338112	---		4.47979E-06	2.32453	Week 8 up vs Week 2
10571514	---		2.28857E-10	2.3253	Week 8 up vs Week 2
10512499	NM_009416 // Tpm2 // tropomyosin 2, beta // 4 B1 // 22004 /// ENSMUST00000030184	Tpm2	0.000761988	2.32937	Week 8 up vs Week 2
10339193	---		1.13804E-05	2.33139	Week 8 up vs Week 2
10339470	---		3.33743E-07	2.33182	Week 8 up vs Week 2
10408693	NM_028784 // F13a1 // coagulation factor XIII, A1 subunit // 13 A3.3 // 74145 //	F13a1	3.06984E-07	2.33311	Week 8 up vs Week 2
10340310	---		0.00103775	2.34241	Week 8 up vs Week 2
10340899	---		0.000278737	2.34326	Week 8 up vs Week 2
10338348	---		6.51039E-08	2.34633	Week 8 up vs Week 2
10341434	---		1.26524E-05	2.3517	Week 8 up vs Week 2
10341416	---		0.000414233	2.35426	Week 8 up vs Week 2
10341042	---		3.66649E-05	2.35603	Week 8 up vs Week 2
10342080	---		3.02812E-06	2.35771	Week 8 up vs Week 2
10532592	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.000866739	2.36176	Week 8 up vs Week 2
10341097	---		7.61041E-05	2.36362	Week 8 up vs Week 2
10519497	NM_054098 // Steap4 // STEAP family member 4 // 5 A1 // 117167 /// ENSMUST00000	Steap4	0.000083322	2.36574	Week 8 up vs Week 2
10530560	NM_153567 // Slain2 // SLAIN motif family, member 2 // 5 C3.2 // 75991 /// NM_00	Slain2	9.3596E-11	2.37246	Week 8 up vs Week 2
10557177	NM_008855 // Prkcb // protein kinase C, beta // 7 F3|7 60.0 cM // 18751 /// ENSM	Prkcb	8.03261E-08	2.37475	Week 8 up vs Week 2
10341679	---		1.16362E-05	2.37869	Week 8 up vs Week 2
10467979	NM_009127 // Scd1 // stearoyl-Coenzyme A desaturase 1 // 19 C3|19 43.0 cM // 202	Scd1	0.000167585	2.37964	Week 8 up vs Week 2
10340436	---		2.04526E-08	2.38069	Week 8 up vs Week 2
10338396	---		9.29565E-08	2.3841	Week 8 up vs Week 2
10360270	NM_178405 // Atp1a2 // ATPase, Na+/K+ transporting, alpha 2 polypeptide // 1 H3|	Atp1a2	4.22885E-05	2.38508	Week 8 up vs Week 2
10339446	---		1.47713E-05	2.39492	Week 8 up vs Week 2
10560174	NM_009156 // Sepw1 // selenoprotein W, muscle 1 // 7 A2 // 20364 /// ENSMUST0000	Sepw1	9.60794E-08	2.40371	Week 8 up vs Week 2
10343185	---		1.30839E-05	2.40656	Week 8 up vs Week 2
10339826	---		1.64595E-06	2.41045	Week 8 up vs Week 2
10595480	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	3.11529E-07	2.41669	Week 8 up vs Week 2
10340331	---		3.86095E-08	2.41875	Week 8 up vs Week 2
10548639	NM_198669 // Prb1 // proline-rich protein BstNI subfamily 1 // 6 G1 // 381833 //	Prb1	0.00405021	2.41887	Week 8 up vs Week 2
10587107	NM_010864 // Myo5a // myosin VA // 9 D|9 42.0 cM // 17918 /// ENSMUST00000036772	Myo5a	0.000540191	2.41963	Week 8 up vs Week 2
10518751	NM_009802 // Car6 // carbonic anhydrase 6 // 4 E2 // 12353 /// ENSMUST0000003081	Car6	0.00396656	2.42055	Week 8 up vs Week 2
10564646	NM_001109753 // Sv2b // synaptic vesicle glycoprotein 2 b // 7 D1 // 64176 /// N	Sv2b	0.000591191	2.42257	Week 8 up vs Week 2
10343052	---		4.43072E-07	2.42703	Week 8 up vs Week 2
10529979	NR_027710 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	3.25831E-07	2.42772	Week 8 up vs Week 2
10343464	---		0.000298363	2.43192	Week 8 up vs Week 2
10587023	NM_023635 // Rab27a // RAB27A, member RAS oncogene family // 9 D|9 41.0 cM // 11	Rab27a	4.33002E-05	2.43469	Week 8 up vs Week 2

10350199	NM_001081023 // Cacna1s // calcium channel, voltage-dependent, L type, alpha 1S	Cacna1s	0.000743953	2.43987	Week 8 up vs Week 2
10339056	---		0.000151191	2.44053	Week 8 up vs Week 2
10439009	NM_007470 // Apod // apolipoprotein D // 16 B2|16 21.2 cM // 11815 /// ENSMUST00	Apod	9.86896E-05	2.44732	Week 8 up vs Week 2
10419082	BC056635 // 5730469M10Rik // RIKEN cDNA 5730469M10 gene // 14 B // 70564 /// ENS	5730469M10Rik	4.02923E-06	2.44778	Week 8 up vs Week 2
10342889	---		6.97788E-06	2.44815	Week 8 up vs Week 2
10338861	---		2.90601E-10	2.45847	Week 8 up vs Week 2
10357072	NM_009126 // Serpinb3a // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb3a	0.000235585	2.45869	Week 8 up vs Week 2
10600886	NM_029536 // Gpr165 // G protein-coupled receptor 165 // X C1|X // 76206 /// ENS	Gpr165	0.000105957	2.46384	Week 8 up vs Week 2
10490913	NM_007606 // Car3 // carbonic anhydrase 3 // 3 A2|3 11.7 cM // 12350 /// ENSMUST	Car3	0.00137313	2.46553	Week 8 up vs Week 2
10362418	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00976057	2.46578	Week 8 up vs Week 2
10393573	NM_011150 // Lgals3bp // lectin, galactoside-binding, soluble, 3 binding protein	Lgals3bp	4.6217E-08	2.47032	Week 8 up vs Week 2
10339795	---		5.72033E-07	2.47196	Week 8 up vs Week 2
10536845	NM_001081185 // Flnc // filamin C, gamma // 6 A3.3 // 68794 /// ENSMUST000000904	Flnc	0.000108738	2.4799	Week 8 up vs Week 2
10342498	---		8.61234E-06	2.48017	Week 8 up vs Week 2
10344358	---		1.31906E-05	2.48619	Week 8 up vs Week 2
10432734	BC118024 // 4732456N10Rik // RIKEN cDNA 4732456N10 gene // 15 F2 // 239673 /// N	4732456N10Rik	2.81204E-05	2.49152	Week 8 up vs Week 2
10341520	---		4.15142E-06	2.49459	Week 8 up vs Week 2
10347925	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	1.08342E-05	2.49682	Week 8 up vs Week 2
10443494	NM_023734 // Pi16 // peptidase inhibitor 16 // 17 B1 // 74116 /// ENSMUST0000011	Pi16	0.00020028	2.50702	Week 8 up vs Week 2
10340433	---		8.56323E-06	2.51378	Week 8 up vs Week 2
10340920	---		1.17012E-08	2.52073	Week 8 up vs Week 2
10338612	---		7.23281E-06	2.5213	Week 8 up vs Week 2
10344133	---		9.28581E-06	2.52269	Week 8 up vs Week 2
10500283	NM_011797 // Car14 // carbonic anhydrase 14 // 3 F2.1 // 23831 /// NM_146104 //	Car14	3.39258E-05	2.53477	Week 8 up vs Week 2
10341441	---		4.85539E-05	2.53573	Week 8 up vs Week 2
10342039	---		0.000273643	2.53686	Week 8 up vs Week 2
10339998	---		0.00028855	2.54062	Week 8 up vs Week 2
10494672	NM_009323 // Tbx15 // T-box 15 // 3 F2.2|3 49.0 cM // 21384 /// ENSMUST000000294	Tbx15	0.000896838	2.54086	Week 8 up vs Week 2
10341297	---		1.41528E-09	2.54206	Week 8 up vs Week 2
10339078	---		9.45158E-07	2.54212	Week 8 up vs Week 2
10341008	---		0.000163581	2.54461	Week 8 up vs Week 2
10583071	NM_010809 // Mmp3 // matrix metallopeptidase 3 // 9 A1|9 1.0 cM // 17392 /// ENS	Mmp3	1.44321E-05	2.54979	Week 8 up vs Week 2
10356262	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_013673 //	Gm7609	7.03465E-07	2.55096	Week 8 up vs Week 2
10343366	---		0.000213043	2.5541	Week 8 up vs Week 2
10485982	NM_009608 // Actc1 // actin, alpha, cardiac muscle 1 // 2 E4|2 64.0 cM // 11464	Actc1	0.0110112	2.55667	Week 8 up vs Week 2
10342116	---		1.44932E-05	2.56231	Week 8 up vs Week 2
10338272	---		5.92275E-06	2.56321	Week 8 up vs Week 2
10338624	---		1.03426E-07	2.56876	Week 8 up vs Week 2
10351131	NM_010865 // Myoc // myocilin // 1 H2.1|1 83.6 cM // 17926 /// ENSMUST0000002802	Myoc	0.00234547	2.57327	Week 8 up vs Week 2
10568050	NM_007438 // Aldoa // aldolase A, fructose-bisphosphate // 7 F4 // 11674 /// ENS	Aldoa	5.82681E-09	2.58019	Week 8 up vs Week 2
10501802	NM_178936 // Tmem56 // transmembrane protein 56 // 3 G3 // 99887 /// ENSMUST000	Tmem56	0.000232315	2.58192	Week 8 up vs Week 2
10539393	ENSMUST00000039212 // Slc4a5 // solute carrier family 4, sodium bicarbonate cotr	Slc4a5	0.000200364	2.58295	Week 8 up vs Week 2
10587255	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	0.000159786	2.58561	Week 8 up vs Week 2
10475567	NM_175034 // Slc24a5 // solute carrier family 24, member 5 // 2 F1 // 317750 ///	Slc24a5	0.00265362	2.59713	Week 8 up vs Week 2
10490794	NM_008862 // Pkia // protein kinase inhibitor, alpha // 3 A1 // 18767 /// ENSMUS	Pkia	3.51852E-05	2.60091	Week 8 up vs Week 2
10343406	---		3.79887E-05	2.61258	Week 8 up vs Week 2
10587262	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	0.00200984	2.62768	Week 8 up vs Week 2
10340369	---		1.54748E-09	2.63461	Week 8 up vs Week 2
10342872	---		5.9746E-06	2.63559	Week 8 up vs Week 2
10390691	NM_145434 // Nr1d1 // nuclear receptor subfamily 1, group D, member 1 // 11 D //	Nr1d1	5.7389E-10	2.6367	Week 8 up vs Week 2
10362446	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.000858617	2.63724	Week 8 up vs Week 2
10341578	---		0.000206745	2.6513	Week 8 up vs Week 2
10340579	---		4.474E-09	2.65613	Week 8 up vs Week 2
10425945	NM_010180 // Fbln1 // fibulin 1 // 15 E-F // 14114 /// ENSMUST00000057410 // Fbl	Fbln1	1.77166E-08	2.65712	Week 8 up vs Week 2
10342539	---		1.52953E-06	2.66596	Week 8 up vs Week 2
10450161	NM_010381 // H2-Ea // histocompatibility 2, class II antigen E alpha // 17 B1|17	H2-Ea	5.57248E-08	2.67121	Week 8 up vs Week 2
10342188	---		0.000096536	2.67271	Week 8 up vs Week 2
10343751	---		3.58993E-08	2.68491	Week 8 up vs Week 2
10549276	NM_024469 // Bhlhe41 // basic helix-loop-helix family, member e41 // 6 G2-G3|6 7	Bhlhe41	1.79951E-06	2.68492	Week 8 up vs Week 2
10338628	---		7.24678E-08	2.68762	Week 8 up vs Week 2
10340307	---		0.00210455	2.72944	Week 8 up vs Week 2
10469255	NM_008859 // Prkcq // protein kinase C, theta // 2 A1|2 2.0 cM // 18761 /// ENSM	Prkcq	0.000001869	2.73851	Week 8 up vs Week 2
10411235	NM_027711 // Iqgap2 // IQ motif containing GTPase activating protein 2 // 13 D1	Iqgap2	1.32351E-05	2.73901	Week 8 up vs Week 2
10342394	---		3.44276E-05	2.74507	Week 8 up vs Week 2
10547621	NM_031159 // Apobec1 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec1	1.31186E-10	2.75156	Week 8 up vs Week 2

10356886	NM_172658 // Slco4c1 // solute carrier organic anion transporter family, member	Slco4c1	7.67464E-07	2.75804	Week 8 up vs Week 2
10462442	NM_133775 // Il33 // interleukin 33 // 19 C2 // 77125 /// ENSMUST00000120388 //	Il33	5.08146E-08	2.76607	Week 8 up vs Week 2
10599736	NM_001077361 // Fhl1 // four and a half LIM domains 1 // X A6-A7.1 // 14199 ///	Fhl1	3.10621E-05	2.76856	Week 8 up vs Week 2
10372652	NM_013590 // Lyz1 // lysozyme 1 // 10 D2 // 17110 /// ENSMUST00000092162 // Lyz1	Lyz1	3.50591E-08	2.77585	Week 8 up vs Week 2
10551998	---		4.0608E-11	2.77921	Week 8 up vs Week 2
10339811	---		1.36367E-08	2.78254	Week 8 up vs Week 2
10405753	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	4.86345E-08	2.78361	Week 8 up vs Week 2
10339171	---		0.000691651	2.78874	Week 8 up vs Week 2
10342062	---		3.86079E-07	2.79104	Week 8 up vs Week 2
10496405	NM_177860 // Gm5105 // predicted gene 5105 // 3 G3|3 // 329763 /// ENSMUST000000	Gm5105	0.000162059	2.79901	Week 8 up vs Week 2
10550638	NM_013648 // Rtn2 // reticulon 2 (Z-band associated protein) // 7 A3|7 4.0 cM //	Rtn2	3.59588E-05	2.80976	Week 8 up vs Week 2
10341583	---		0.000996655	2.81492	Week 8 up vs Week 2
10342796	---		5.08444E-05	2.81846	Week 8 up vs Week 2
10450242	NM_009780 // C4b // complement component 4B (Childo blood group) // 17 B1|17 18.	C4b	2.99217E-08	2.83673	Week 8 up vs Week 2
10339563	---		2.65746E-05	2.84125	Week 8 up vs Week 2
10338149	---		1.23441E-05	2.8518	Week 8 up vs Week 2
10344005	---		2.56747E-05	2.86094	Week 8 up vs Week 2
10386262	BC060226 // Obscn // obscurin, cytoskeletal calmodulin and titin-interacting Rho	Obscn	6.10643E-05	2.86763	Week 8 up vs Week 2
10385466	NM_011891 // Sgcd // sarcoglycan, delta (dystrophin-associated glycoprotein) //	Sgcd	4.21415E-06	2.87002	Week 8 up vs Week 2
10451665	NM_009694 // Apobec2 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec2	0.000270392	2.87898	Week 8 up vs Week 2
10450154	NM_010378 // H2-Aa // histocompatibility 2, class II antigen A, alpha // 17 B1|1	H2-Aa	4.14411E-08	2.88482	Week 8 up vs Week 2
10342344	---		0.0120445	2.88962	Week 8 up vs Week 2
10343863	---		1.66995E-06	2.8929	Week 8 up vs Week 2
10340557	---		9.50913E-06	2.89452	Week 8 up vs Week 2
10353878	NM_153502 // Ankrd23 // ankyrin repeat domain 23 // 1 B // 78321 /// NM_026241 /	Ankrd23	5.72521E-06	2.90813	Week 8 up vs Week 2
10551836	NM_009944 // Cox7a1 // cytochrome c oxidase, subunit VIIa 1 // 7 B1|7 8.0 cM //	Cox7a1	5.24544E-05	2.9116	Week 8 up vs Week 2
10344390	---		2.04176E-05	2.92616	Week 8 up vs Week 2
10340394	---		6.36002E-07	2.93459	Week 8 up vs Week 2
10342609	---		0.00636151	2.93467	Week 8 up vs Week 2
10342891	---		5.42822E-10	2.93705	Week 8 up vs Week 2
10344236	---		1.00437E-05	2.94012	Week 8 up vs Week 2
10426557	NM_021514 // Pfkm // phosphofructokinase, muscle // 15 F1 // 18642 /// ENSMUST00	Pfkm	3.32452E-06	2.94996	Week 8 up vs Week 2
10339376	---		0.000018013	2.95617	Week 8 up vs Week 2
10398075	NM_009252 // Serpina3n // serine (or cysteine) peptidase inhibitor, clade A, mem	Serpina3n	7.13745E-06	2.96589	Week 8 up vs Week 2
10362404	NM_029726 // Trdn // triadin // 10 A4 // 76757 /// ENSMUST00000050626 // Trdn //	Trdn	0.00150952	2.97127	Week 8 up vs Week 2
10338359	---		1.22918E-06	2.97145	Week 8 up vs Week 2
10556509	NM_145584 // Spon1 // spondin 1, (f-spondin) extracellular matrix protein // 7 F	Spon1	7.03032E-06	2.9843	Week 8 up vs Week 2
10467842	NM_010324 // Got1 // glutamate oxaloacetate transaminase 1, soluble // 19 C3|19	Got1	2.71289E-08	2.99527	Week 8 up vs Week 2
10505614	NM_031202 // Tyrp1 // tyrosinase-related protein 1 // 4 C3|4 38.0 cM // 22178 //	Tyrp1	0.00233676	2.99969	Week 8 up vs Week 2
10500469	NM_001039376 // Pde4dip // phosphodiesterase 4D interacting protein (myomegalin)	Pde4dip	4.95116E-06	3.00626	Week 8 up vs Week 2
10462435	NM_029993 // Mlana // melan-A // 19 C2|19 24.5 cM // 77836 /// ENSMUST0000002571	Mlana	3.14289E-05	3.01849	Week 8 up vs Week 2
10596718	NM_023805 // Slc38a3 // solute carrier family 38, member 3 // 9 F1|9 63.0 cM //	Slc38a3	5.82131E-08	3.02436	Week 8 up vs Week 2
10340399	---		1.35031E-07	3.02963	Week 8 up vs Week 2
10340821	---		2.98536E-06	3.03589	Week 8 up vs Week 2
10387838	NM_145684 // Alox12e // arachidonate lipoxygenase, epidermal // 11 B3|11 40.0 cM	Alox12e	0.00443652	3.04523	Week 8 up vs Week 2
10471474	NM_021515 // Ak1 // adenylate kinase 1 // 2 B|2 21.6 cM // 11636 /// ENSMUST0000	Ak1	1.01805E-05	3.05162	Week 8 up vs Week 2
10341231	---		9.69365E-07	3.05616	Week 8 up vs Week 2
10419356	NM_144841 // Otx2 // orthodenticle homolog 2 (Drosophila) // 14 C1|14 19.0 cM //	Otx2	1.72131E-05	3.07288	Week 8 up vs Week 2
10532586	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.000215345	3.07442	Week 8 up vs Week 2
10339301	---		6.28049E-07	3.07647	Week 8 up vs Week 2
10360463	NM_176916 // Pld5 // phospholipase D family, member 5 // 1 H4 // 319455 /// ENSM	Pld5	1.94522E-05	3.11394	Week 8 up vs Week 2
10490602	NM_007906 // Eef1a2 // eukaryotic translation elongation factor 1 alpha 2 // 2 H	Eef1a2	2.39397E-06	3.11668	Week 8 up vs Week 2
10565137	NM_172904 // Fsd2 // fibronectin type III and SPRY domain containing 2 // 7 D3 /	Fsd2	0.000132997	3.11924	Week 8 up vs Week 2
10468593	NM_008733 // Nrap // nebulin-related anchoring protein // 19 D2|19 53.25 cM // 1	Nrap	8.49714E-05	3.13925	Week 8 up vs Week 2
10344363	---		0.000291641	3.15008	Week 8 up vs Week 2
10504692	NM_021883 // Tmod1 // tropomodulin 1 // 4 B1|4 21.5 cM // 21916 /// ENSMUST00000	Tmod1	3.35144E-06	3.17344	Week 8 up vs Week 2
10586591	NM_178396 // Car12 // carbonic anyhydrase 12 // 9 C // 76459 /// ENSMUST00000071	Car12	5.41272E-07	3.20079	Week 8 up vs Week 2
10361834	NM_138628 // Txlnb // taxilin beta // 10 A2 // 378431 /// ENSMUST00000037964 //	Txlnb	0.000078719	3.2112	Week 8 up vs Week 2
10342256	---		1.89948E-05	3.25967	Week 8 up vs Week 2
10543233	NM_080464 // Ppp1r3a // protein phosphatase 1, regulatory (inhibitor) subunit 3A	Ppp1r3a	0.000521116	3.28165	Week 8 up vs Week 2
10603059	NM_020626 // Tmem27 // transmembrane protein 27 // X F5 // 57394 /// ENSMUST000	Tmem27	0.00016137	3.28299	Week 8 up vs Week 2
10403229	NM_177290 // Itgb8 // integrin beta 8 // 12 F2 // 320910 /// ENSMUST00000026360	Itgb8	0.000107631	3.30567	Week 8 up vs Week 2
10442584	NM_025425 // Rpl3l // ribosomal protein L3-like // 17 A3.3 // 66211 /// ENSMUST0	Rpl3l	0.000030849	3.31039	Week 8 up vs Week 2
10500204	NM_007899 // Ecm1 // extracellular matrix protein 1 // 3 F2.1|3 45.4 cM // 13601	Ecm1	1.56311E-10	3.37193	Week 8 up vs Week 2
10562784	NM_178067 // Mybpc2 // myosin binding protein C, fast-type // 7 B4 // 233199 ///	Mybpc2	0.000228076	3.37644	Week 8 up vs Week 2

10362424	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00188381	3.38346	Week 8 up vs Week 2
10419854	NM_016972 // Slc7a8 // solute carrier family 7 (cationic amino acid transporter,	Slc7a8	5.70526E-07	3.38737	Week 8 up vs Week 2
10430140	NM_013593 // Mb // myoglobin // 15 D3|15 43.3 cM // 17189 /// ENSMUST00000019037	Mb	0.000169161	3.47632	Week 8 up vs Week 2
10464836	NM_013456 // Actn3 // actinin alpha 3 // 19 A|19 3.0 cM // 11474 /// ENSMUST0000	Actn3	0.00100469	3.48618	Week 8 up vs Week 2
10511363	NM_001002927 // Penk // preproenkephalin // 4 A1|4 0.8 cM // 18619 /// ENSMUST00	Penk	0.000219333	3.48738	Week 8 up vs Week 2
10339978	---		0.000769232	3.51709	Week 8 up vs Week 2
10373588	NM_134006 // Rdh5 // retinol dehydrogenase 5 // 10 D3|10 72.0 cM // 19682 /// EN	Rdh5	9.38565E-05	3.52266	Week 8 up vs Week 2
10338809	---		0.000028743	3.52968	Week 8 up vs Week 2
10338835	---		2.41654E-07	3.57292	Week 8 up vs Week 2
10339389	---		3.66219E-10	3.60162	Week 8 up vs Week 2
10596737	NM_008140 // Gnat1 // guanine nucleotide binding protein, alpha transducing 1 //	Gnat1	0.0107673	3.60237	Week 8 up vs Week 2
10550509	NM_009402 // Pglyrp1 // peptidoglycan recognition protein 1 // 7 A3 // 21946 ///	Pglyrp1	7.35584E-07	3.60716	Week 8 up vs Week 2
10338289	---		5.81842E-07	3.61995	Week 8 up vs Week 2
10379731	NM_007969 // Expi // extracellular proteinase inhibitor // 11 C // 14038 /// ENS	Expi	1.75452E-08	3.64035	Week 8 up vs Week 2
10342428	---		1.44152E-07	3.65831	Week 8 up vs Week 2
10456005	NM_001042605 // Cd74 // CD74 antigen (invariant polypeptide of major histocompat	Cd74	4.926E-12	3.67244	Week 8 up vs Week 2
10339336	---		4.18056E-10	3.72199	Week 8 up vs Week 2
10343159	---		4.78878E-06	3.73803	Week 8 up vs Week 2
10340111	---		0.000101764	3.74334	Week 8 up vs Week 2
10341417	---		2.21074E-06	3.74541	Week 8 up vs Week 2
10338959	---		8.00315E-05	3.85377	Week 8 up vs Week 2
10495712	NM_007378 // Abca4 // ATP-binding cassette, sub-family A (ABC1), member 4 // 3 G	Abca4	1.34718E-05	3.87144	Week 8 up vs Week 2
10497135	NM_029987 // Rpe65 // retinal pigment epithelium 65 // 3 H4|3 87.6 cM // 19892 /	Rpe65	0.00516883	3.8884	Week 8 up vs Week 2
10344197	---		0.000155008	3.92954	Week 8 up vs Week 2
10342637	---		1.64812E-07	3.93421	Week 8 up vs Week 2
10376201	NM_001083929 // Gpx3 // glutathione peroxidase 3 // 11 B3-B5 // 14778 /// NM_008	Gpx3	2.58156E-06	3.93439	Week 8 up vs Week 2
10338192	---		1.71257E-06	3.93716	Week 8 up vs Week 2
10602756	NM_025357 // Smpx // small muscle protein, X-linked // X F4 // 66106 /// ENSMUST	Smpx	0.00169004	3.9493	Week 8 up vs Week 2
10564726	NM_020599 // Rlbp1 // retinaldehyde binding protein 1 // 7 D3|7 39.0 cM // 19771	Rlbp1	9.57152E-05	4.00753	Week 8 up vs Week 2
10356403	NM_001110227 // Kcnj13 // potassium inwardly-rectifying channel, subfamily J, me	Kcnj13	9.74824E-05	4.02139	Week 8 up vs Week 2
10351293	NM_019759 // Dpt // dermatopontin // 1 H2 // 56429 /// ENSMUST00000027861 // Dpt	Dpt	7.95171E-05	4.03497	Week 8 up vs Week 2
10428619	NM_015744 // Enpp2 // ectonucleotide pyrophosphatase/phosphodiesterase 2 // 15 D	Enpp2	6.38206E-06	4.09165	Week 8 up vs Week 2
10538187	NM_053110 // Gpnmb // glycoprotein (transmembrane) nmb // 6 B2.3|6 21.0 cM // 93	Gpnmb	1.58642E-05	4.09647	Week 8 up vs Week 2
10411107	ENSMUST00000062122 // Cmya5 // cardiomyopathy associated 5 // 13 C3 // 76469 ///	Cmya5	5.20225E-06	4.10282	Week 8 up vs Week 2
10437376	NM_175347 // Srl // sarcalumenin // 16 A1 // 106393 /// ENSMUST00000023161 // Sr	Srl	0.000119853	4.13256	Week 8 up vs Week 2
10540984	NM_145383 // Rho // rhodopsin // 6 E3 // 212541 /// ENSMUST00000032471 // Rho //	Rho	0.00368316	4.14447	Week 8 up vs Week 2
10398859	NM_007421 // Adssl1 // adenylosuccinate synthetase like 1 // 12 F1 // 11565 ///	Adssl1	1.02808E-06	4.15867	Week 8 up vs Week 2
10487588	NM_010554 // Il1a // interleukin 1 alpha // 2 F|2 73.0 cM // 16175 /// ENSMUST00	Il1a	1.22486E-05	4.22656	Week 8 up vs Week 2
10422249	NM_010024 // Dct // dopachrome tautomerase // 14 E4|14 58.0 cM // 13190 /// ENSM	Dct	3.33485E-05	4.24529	Week 8 up vs Week 2
10341953	---		5.34447E-06	4.2551	Week 8 up vs Week 2
10341571	---		1.69768E-06	4.32542	Week 8 up vs Week 2
10460947	NM_011224 // Pygm // muscle glycogen phosphorylase // 19 A|19 2.0 cM // 19309 //	Pygm	8.83929E-07	4.35437	Week 8 up vs Week 2
10561561	NM_009109 // Ryr1 // ryanodine receptor 1, skeletal muscle // 7 A2-B3|7 10.0 cM	Ryr1	7.81813E-06	4.37098	Week 8 up vs Week 2
10347583	NM_010043 // Des // desmin // 1 C3|1 41.1 cM // 13346 /// ENSMUST00000027409 //	Des	4.89522E-06	4.37334	Week 8 up vs Week 2
10362420	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.76216E-05	4.38527	Week 8 up vs Week 2
10551966	NM_001012401 // Hspb6 // heat shock protein, alpha-crystallin-related, B6 // 7 B	Hspb6	9.83879E-07	4.41289	Week 8 up vs Week 2
10455395	NM_001081180 // Spink5 // serine peptidase inhibitor, Kazal type 5 // 18 B3|18 2	Spink5	2.62287E-08	4.42066	Week 8 up vs Week 2
10523021	NM_018760 // Slc4a4 // solute carrier family 4 (anion exchanger), member 4 // 5	Slc4a4	3.4469E-06	4.42423	Week 8 up vs Week 2
10344204	---		1.809E-12	4.53265	Week 8 up vs Week 2
10541354	NM_175628 // A2m // alpha-2-macroglobulin // 6 F1|6 61.7 cM // 232345 /// ENSMUS	A2m	1.02828E-09	4.56069	Week 8 up vs Week 2
10342239	---		0.000021627	4.64279	Week 8 up vs Week 2
10362440	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.000235054	4.69619	Week 8 up vs Week 2
10340943	---		2.65555E-07	4.71522	Week 8 up vs Week 2
10410984	NM_198415 // Ckmt2 // creatine kinase, mitochondrial 2 // 13 C3 // 76722 /// ENS	Ckmt2	3.62979E-05	4.77056	Week 8 up vs Week 2
10480734	NM_008963 // Ptgds // prostaglandin D2 synthase (brain) // 2 A3|2 12.9 cM // 192	Ptgds	1.1501E-06	4.79436	Week 8 up vs Week 2
10569008	NM_007751 // Cox8b // cytochrome c oxidase, subunit VIIIb // 7 F5|7 68.8 cM // 1	Cox8b	9.00261E-07	4.85425	Week 8 up vs Week 2
10377938	NM_007933 // Eno3 // enolase 3, beta muscle // 11 B4|11 42.0 cM // 13808 /// NM_	Eno3	1.50286E-06	4.86189	Week 8 up vs Week 2
10455461	NM_001033621 // Myot // myotilin // 18 B3 // 58916 /// ENSMUST00000025349 // Myo	Myot	1.08126E-05	4.98035	Week 8 up vs Week 2
10359689	NM_009721 // Atp1b1 // ATPase, Na+/K+ transporting, beta 1 polypeptide // 1 H2.2	Atp1b1	9.19E-13	5.00064	Week 8 up vs Week 2
10419005	NM_021340 // Rgr // retinal G protein coupled receptor // 14 B // 57811 /// ENSM	Rgr	0.000225326	5.00222	Week 8 up vs Week 2
10387855	NM_009660 // Alox15 // arachidonate 15-lipoxygenase // 11 B3|11 40.0 cM // 11687	Alox15	1.46059E-06	5.01657	Week 8 up vs Week 2
10372648	NM_017372 // Lyz2 // lysozyme 2 // 10 D2|10 66.0 cM // 17105 /// ENSMUST00000092	Lyz2	7.35988E-09	5.04484	Week 8 up vs Week 2
10596148	NM_133977 // Trf // transferrin // 9 F1-F3|9 56.0 cM // 22041 /// ENSMUST0000003	Trf	1.51492E-05	5.11505	Week 8 up vs Week 2
10559200	NM_009405 // Tnni2 // troponin I, skeletal, fast 2 // 7 F5|7 70.0 cM // 21953 //	Tnni2	8.63746E-07	5.16248	Week 8 up vs Week 2
10557575	NM_016754 // Mylpf // myosin light chain, phosphorylatable, fast skeletal muscle	Mylpf	0.000005861	5.1647	Week 8 up vs Week 2

10481627	NM_008491 // Lcn2 // lipocalin 2 // 2 A3|2 27.0 cM // 16819 /// ENSMUST000000507	Lcn2	1.53768E-09	5.3332	Week 8 up vs Week 2
10407742	NM_033268 // Actn2 // actinin alpha 2 // 13 A1|13 7.0 cM // 11472 /// ENSMUST000	Actn2	2.12774E-06	5.34326	Week 8 up vs Week 2
10472426	NM_001024618 // Xirp2 // xin actin-binding repeat containing 2 // 2 C1.3 // 2414	Xirp2	8.24809E-07	5.38724	Week 8 up vs Week 2
10589703	NM_008522 // Ltf // lactotransferrin // 9 F|9 70.2 cM // 17002 /// ENSMUST000000	Ltf	5.74551E-09	5.60418	Week 8 up vs Week 2
10403834	NM_016687 // Sfrp4 // secreted frizzled-related protein 4 // 13 A2|13 7.0 cM //	Sfrp4	2.84727E-07	5.60986	Week 8 up vs Week 2
10371627	NM_175418 // Mybpc1 // myosin binding protein C, slow-type // 10 C1 // 109272 //	Mybpc1	5.97372E-06	6.09025	Week 8 up vs Week 2
10472562	NM_001081087 // Kbtbd10 // kelch repeat and BTB (POZ) domain containing 10 // 2	Kbtbd10	6.69861E-07	6.21385	Week 8 up vs Week 2
10454192	NM_013697 // Ttr // transthyretin // 18 A2|18 7.0 cM // 22139 /// ENSMUST0000007	Ttr	5.83932E-05	6.23501	Week 8 up vs Week 2
10362442	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.61841E-05	6.35397	Week 8 up vs Week 2
10559221	NM_011620 // Tnnt3 // troponin T3, skeletal, fast // 7 F5|7 69.0 cM // 21957 ///	Tnnt3	1.8509E-08	6.44271	Week 8 up vs Week 2
10408543	ENSMUST00000057428 // Mylk4 // myosin light chain kinase family, member 4 // 13	Mylk4	7.44066E-06	6.61215	Week 8 up vs Week 2
10469786	NM_153511 // Il1f9 // interleukin 1 family, member 9 // 2 A3|2 10.25 cM // 21525	Il1f9	8.19037E-10	6.6422	Week 8 up vs Week 2
10551293	NM_007817 // Cyp2f2 // cytochrome P450, family 2, subfamily f, polypeptide 2 //	Cyp2f2	3.44714E-05	7.10039	Week 8 up vs Week 2
10417933	NM_021508 // Myoz1 // myozenin 1 // 14 A3 // 59011 /// ENSMUST00000090469 // Myo	Myoz1	5.49645E-07	7.16171	Week 8 up vs Week 2
10377055	NM_001039545 // Myh2 // myosin, heavy polypeptide 2, skeletal muscle, adult // 1	Myh2	1.17242E-06	7.45375	Week 8 up vs Week 2
10436128	XM_001002743 // Myh15 // myosin, heavy chain 15 // 16 B5 // 667772	Myh15	0.00595136	7.48363	Week 8 up vs Week 2
10340141	---		3.0792E-07	7.53395	Week 8 up vs Week 2
10384015	NM_018870 // Pgam2 // phosphoglycerate mutase 2 // 11 A1 // 56012 /// ENSMUST000	Pgam2	3.93821E-08	7.56953	Week 8 up vs Week 2
10338355	---		2.79836E-07	8.20012	Week 8 up vs Week 2
10362428	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.41379E-06	8.24152	Week 8 up vs Week 2
10362434	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.89069E-07	8.26994	Week 8 up vs Week 2
10482528	NM_010889 // Neb // nebulin // 2 C1.1|2 30.0 cM // 17996 /// ENSMUST00000075301	Neb	4.24084E-08	9.18524	Week 8 up vs Week 2
10582592	NM_009606 // Acta1 // actin, alpha 1, skeletal muscle // 8 E2|8 67.0 cM // 11459	Acta1	1.08057E-09	9.24982	Week 8 up vs Week 2
10377087	NM_030679 // Myh1 // myosin, heavy polypeptide 1, skeletal muscle, adult // 11 B	Myh1	2.65855E-08	10.1601	Week 8 up vs Week 2
10355259	NM_021285 // Myl1 // myosin, light polypeptide 1 // 1 C3|1 34.1 cM // 17901 ///	Myl1	2.83809E-08	10.2744	Week 8 up vs Week 2
10377018	NM_001099635 // Myh3 // myosin, heavy polypeptide 3, skeletal muscle, embryonic	Myh3	0.000447917	10.4722	Week 8 up vs Week 2
10550698	NM_007710 // Ckm // creatine kinase, muscle // 7 A3|7 4.5 cM // 12715 /// ENSMUS	Ckm	6.40341E-08	10.6681	Week 8 up vs Week 2
10360235	NM_009813 // Casq1 // calsequestrin 1 // 1 H3|1 94.0 cM // 12372 /// ENSMUST0000	Casq1	8.78172E-08	10.7931	Week 8 up vs Week 2
10362422	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.61899E-07	11.2432	Week 8 up vs Week 2
10362436	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	8.04048E-07	11.4178	Week 8 up vs Week 2
10430297	NM_013645 // Pvalb // parvalbumin // 15 E|15 45.7 cM // 19293 /// ENSMUST0000012	Pvalb	3.13319E-07	11.8024	Week 8 up vs Week 2
10489545	NM_009394 // Tnnc2 // troponin C2, fast // 2 H3 // 21925 /// ENSMUST00000103095	Tnnc2	1.65917E-10	15.4801	Week 8 up vs Week 2
10483871	NM_011652 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// NM_028004 // Ttn // titi	Ttn	1.1695E-10	17.1165	Week 8 up vs Week 2
10484190	ENSMUST00000099981 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// ENSMUST00000070	Ttn	5.37589E-08	21.0913	Week 8 up vs Week 2
10377117	NM_010855 // Myh4 // myosin, heavy polypeptide 4, skeletal muscle // 11 B3|11 35	Myh4	6.36608E-08	21.2537	Week 8 up vs Week 2
10567879	NM_007504 // Atp2a1 // ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	Atp2a1	8.335E-12	23.8882	Week 8 up vs Week 2

Week 8 vs 3 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 8 vs. Week 3)	Fold-Change(Week 8 vs. Week 3)	Fold-Change(Week 8 vs. Week 3) (Description)
10338332	---		1.69292E-07	-14.6732	Week 8 down vs Week 3
10341452	---		8.966E-11	-12.2653	Week 8 down vs Week 3
10343030	---		3.78897E-06	-11.837	Week 8 down vs Week 3
10518526	NM_001039554 // Angptl7 // angiopoietin-like 7 // 4 E1 // 654812 /// ENSMUST0000	Angptl7	7.5628E-11	-10.6435	Week 8 down vs Week 3
10449452	NM_010220 // Fkbp5 // FK506 binding protein 5 // 17 A3.3|17 13.0 cM // 14229 ///	Fkbp5	0	-7.51646	Week 8 down vs Week 3
10340952	---		1.21338E-07	-6.83717	Week 8 down vs Week 3
10593225	NM_001033324 // Zbtb16 // zinc finger and BTB domain containing 16 // 9 A5.3|9 2	Zbtb16	1E-15	-6.67723	Week 8 down vs Week 3
10341175	---		5.90406E-06	-6.00816	Week 8 down vs Week 3
10377439	NM_001159367 // Per1 // period homolog 1 (Drosophila) // 11 B // 18626 /// NM_01	Per1	2.2E-14	-5.83032	Week 8 down vs Week 3
10375058	NM_001083955 // Hba-a2 // hemoglobin alpha, adult chain 2 // 11|11 16.0 cM // 11	Hba-a2	7.12914E-07	-5.82764	Week 8 down vs Week 3
10566258	ENSMUST00000023934 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.	Hbb-b1	1.10042E-06	-5.63843	Week 8 down vs Week 3
10375051	NM_008218 // Hba-a1 // hemoglobin alpha, adult chain 1 // 11 A4|11 16.0 cM // 15	Hba-a1	1.03519E-06	-5.60183	Week 8 down vs Week 3
10341626	---		6.5E-14	-5.57164	Week 8 down vs Week 3
10505779	NM_139306 // Acer2 // alkaline ceramidase 2 // 4 C4 // 230379 /// ENSMUST0000004	Acer2	1.29348E-10	-5.53023	Week 8 down vs Week 3
10534343	NM_007925 // Eln // elastin // 5 G2|5 75.0 cM // 13717 /// ENSMUST00000015138 //	Eln	9.06324E-10	-5.48656	Week 8 down vs Week 3
10341037	---		0.000380779	-5.45151	Week 8 down vs Week 3
10566254	NM_008220 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.0 cM // 1	Hbb-b1	1.39236E-06	-5.40659	Week 8 down vs Week 3
10343128	---		2.38009E-08	-5.31884	Week 8 down vs Week 3
10339834	---		2.6193E-07	-5.18933	Week 8 down vs Week 3
10342305	---		5.04652E-08	-5.11859	Week 8 down vs Week 3
10343378	---		4.88832E-07	-4.96034	Week 8 down vs Week 3
10338794	---		3.56173E-09	-4.89558	Week 8 down vs Week 3
10459225	---		3.27347E-08	-4.87837	Week 8 down vs Week 3
10344096	---		2.56301E-05	-4.71958	Week 8 down vs Week 3
10341672	---		1.64673E-05	-4.71327	Week 8 down vs Week 3
10467124	NM_007392 // Acta2 // actin, alpha 2, smooth muscle, aorta // 19 C3 // 11475 ///	Acta2	9.67804E-06	-4.63333	Week 8 down vs Week 3
10339814	---		1.07584E-06	-4.62832	Week 8 down vs Week 3
10340419	---		1.18712E-09	-4.61801	Week 8 down vs Week 3
10594963	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00021957	-4.59518	Week 8 down vs Week 3
10339401	---		1.1205E-09	-4.56925	Week 8 down vs Week 3
10343467	---		1.15857E-05	-4.56115	Week 8 down vs Week 3
10477920	NM_172118 // Myl9 // myosin, light polypeptide 9, regulatory // 2 H1 // 98932 //	Myl9	6.25824E-06	-4.56027	Week 8 down vs Week 3
10343508	---		9.25343E-08	-4.55963	Week 8 down vs Week 3
10338846	---		4.19111E-08	-4.50278	Week 8 down vs Week 3
10516481	NM_008120 // Gja4 // gap junction protein, alpha 4 // 4 D2.2|4 57.6 cM // 14612	Gja4	2.38329E-10	-4.45975	Week 8 down vs Week 3
10344101	---		0.000401464	-4.43427	Week 8 down vs Week 3
10339442	---		8.0478E-09	-4.40197	Week 8 down vs Week 3
10338365	---		4.88588E-06	-4.39913	Week 8 down vs Week 3
10341684	---		4.28427E-10	-4.33633	Week 8 down vs Week 3
10344194	---		1.05444E-08	-4.31195	Week 8 down vs Week 3
10343130	---		1.26503E-10	-4.30273	Week 8 down vs Week 3
10343181	---		1.53187E-10	-4.28165	Week 8 down vs Week 3
10341896	---		1.3345E-08	-4.28132	Week 8 down vs Week 3
10521537	NM_001081106 // Cytl1 // cytokine-like 1 // 5 B3 // 231162 /// ENSMUST0000007355	Cytl1	5.20284E-09	-4.27753	Week 8 down vs Week 3
10341509	---		5.55428E-10	-4.19507	Week 8 down vs Week 3
10594971	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.000407389	-4.1889	Week 8 down vs Week 3
10606989	NM_001077364 // Tsc22d3 // TSC22 domain family, member 3 // X F1 // 14605 /// NM	Tsc22d3	9E-15	-4.16597	Week 8 down vs Week 3
10341831	---		1.09785E-06	-4.16533	Week 8 down vs Week 3
10342425	---		3.1118E-11	-4.15286	Week 8 down vs Week 3
10365482	NM_011595 // Timp3 // tissue inhibitor of metalloproteinase 3 // 10 C1|10 C1-D1|	Timp3	1.27571E-06	-4.14691	Week 8 down vs Week 3
10501586	NM_007901 // S1pr1 // sphingosine-1-phosphate receptor 1 // 3 G1 // 13609 /// EN	S1pr1	9.84252E-09	-4.10863	Week 8 down vs Week 3
10340560	---		1.96289E-05	-4.08058	Week 8 down vs Week 3
10369290	NM_029083 // Ddit4 // DNA-damage-inducible transcript 4 // 10 B3 // 74747 /// EN	Ddit4	6.92E-13	-4.05069	Week 8 down vs Week 3
10342234	---		5.35285E-07	-4.04439	Week 8 down vs Week 3
10341131	---		0.000130771	-4.0382	Week 8 down vs Week 3
10341932	---		0.000779398	-4.01517	Week 8 down vs Week 3
10548879	NM_008597 // Mgp // matrix Gla protein // 6 G1 // 17313 /// ENSMUST00000032342 /	Mgp	2.60454E-07	-4.01182	Week 8 down vs Week 3
10344121	---		0.000100915	-3.97126	Week 8 down vs Week 3
10339838	---		5.98351E-07	-3.9677	Week 8 down vs Week 3
10341430	---		1.01358E-07	-3.96654	Week 8 down vs Week 3
10494548	NM_008121 // Gja5 // gap junction membrane channel protein alpha 5 // 3 F2.1|3 4	Gja5	2.50225E-09	-3.93385	Week 8 down vs Week 3
10343435	---		8.11185E-08	-3.91874	Week 8 down vs Week 3
10340530	---		1E-15	-3.91163	Week 8 down vs Week 3

10580286	NM_145388 // Best2 // bestrophin 2 // 8 C3 // 212989 /// NM_001130194 // Best2 /	Best2	7.90459E-07	-3.90909	Week 8 down vs Week 3
10483199	NM_177074 // Slc38a11 // solute carrier family 38, member 11 // 2 C1.3 // 320106	Slc38a11	8.79829E-09	-3.89355	Week 8 down vs Week 3
10343305	---		2.08283E-06	-3.89261	Week 8 down vs Week 3
10382106	BC139224 // Gm885 // predicted gene 885 // 11 E1 // 380732 /// BC139225 // Gm885	Gm885	1.46926E-07	-3.88433	Week 8 down vs Week 3
10338744	---		9.1403E-06	-3.88224	Week 8 down vs Week 3
10343290	---		3.11833E-07	-3.86669	Week 8 down vs Week 3
10434229	NM_013805 // Cldn5 // claudin 5 // 16 A3|16 11.65 cM // 12741 /// ENSMUST0000004	Cldn5	7.30574E-09	-3.8648	Week 8 down vs Week 3
10381298	NM_019444 // Ramp2 // receptor (calcitonin) activity modifying protein 2 // 11 D	Ramp2	1.5536E-06	-3.86368	Week 8 down vs Week 3
10342995	---		2.64383E-07	-3.84959	Week 8 down vs Week 3
10341424	---		2.97572E-06	-3.84753	Week 8 down vs Week 3
10343645	---		2.58495E-08	-3.83909	Week 8 down vs Week 3
10338876	---		2.11506E-07	-3.83318	Week 8 down vs Week 3
10378216	NM_016745 // Atp2a3 // ATPase, Ca++ transporting, ubiquitous // 11 B4 // 53313 /	Atp2a3	1.04001E-08	-3.82382	Week 8 down vs Week 3
10342724	---		8.93565E-08	-3.78051	Week 8 down vs Week 3
10471486	NM_001146350 // Eng // endoglin // 2 B|2 21.4 cM // 13805 /// NM_007932 // Eng /	Eng	6.34789E-06	-3.77261	Week 8 down vs Week 3
10339884	---		3.75637E-07	-3.77242	Week 8 down vs Week 3
10343551	---		0.000588136	-3.77122	Week 8 down vs Week 3
10498273	NM_008536 // Tm4sf1 // transmembrane 4 superfamily member 1 // 3 D // 17112 ///	Tm4sf1	9.93923E-07	-3.75265	Week 8 down vs Week 3
10343937	---		3.3483E-06	-3.74964	Week 8 down vs Week 3
10359571	NM_010231 // Fmo1 // flavin containing monooxygenase 1 // 1 H1|1 92.6 cM // 1426	Fmo1	1.86067E-07	-3.73929	Week 8 down vs Week 3
10593123	NM_011526 // Tagln // transgelin // 9 A5.2|9 27.0 cM // 21345 /// ENSMUST0000003	Tagln	1.09849E-05	-3.7275	Week 8 down vs Week 3
10340469	---		1.79244E-06	-3.71251	Week 8 down vs Week 3
10598236	NM_021431 // Nudt11 // nudix (nucleoside diphosphate linked moiety X)-type motif	Nudt11	1.80628E-10	-3.71071	Week 8 down vs Week 3
10358339	NM_009888 // Cfh // complement component factor h // 1 F|1 74.1 cM // 12628 ///	Cfh	0.000153282	-3.70004	Week 8 down vs Week 3
10479165	NM_007903 // Edn3 // endothelin 3 // 2 H4|2 104.0 cM // 13616 /// ENSMUST0000002	Edn3	0.000020425	-3.67168	Week 8 down vs Week 3
10339001	---		2.31422E-10	-3.64361	Week 8 down vs Week 3
10560329	NM_016868 // Hif3a // hypoxia inducible factor 3, alpha subunit // 7 A2 // 53417	Hif3a	3.14E-13	-3.63908	Week 8 down vs Week 3
10421810	NM_025427 // 1190002H23Rik // RIKEN cDNA 1190002H23 gene // 14 D3 // 66214 /// E	1190002H23Rik	1.4545E-11	-3.63453	Week 8 down vs Week 3
10341288	---		4.07639E-06	-3.60832	Week 8 down vs Week 3
10338105	---		8.27525E-07	-3.5981	Week 8 down vs Week 3
10343977	---		1.82238E-07	-3.59725	Week 8 down vs Week 3
10342914	---		3.05425E-08	-3.59644	Week 8 down vs Week 3
10338774	---		3.3939E-10	-3.59083	Week 8 down vs Week 3
10548996	NM_030687 // Slco1a4 // solute carrier organic anion transporter family, member	Slco1a4	0.000164738	-3.5854	Week 8 down vs Week 3
10594948	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00133155	-3.57446	Week 8 down vs Week 3
10338484	---		1.17638E-05	-3.56372	Week 8 down vs Week 3
10338802	---		7.79747E-10	-3.55872	Week 8 down vs Week 3
10339167	---		0.000307259	-3.55075	Week 8 down vs Week 3
10340817	---		4.42187E-07	-3.55012	Week 8 down vs Week 3
10344178	---		1.09373E-05	-3.53954	Week 8 down vs Week 3
10341866	---		3.9546E-09	-3.53564	Week 8 down vs Week 3
10437885	NM_013607 // Myh11 // myosin, heavy polypeptide 11, smooth muscle // 16 A1|16 5.	Myh11	8.94012E-05	-3.53523	Week 8 down vs Week 3
10341814	---		1.86061E-09	-3.53259	Week 8 down vs Week 3
10340110	---		1.96872E-05	-3.52583	Week 8 down vs Week 3
10341527	---		5.62333E-09	-3.51548	Week 8 down vs Week 3
10339829	---		8.8248E-08	-3.50817	Week 8 down vs Week 3
10343326	---		3.41298E-05	-3.50379	Week 8 down vs Week 3
10340333	---		2.35899E-06	-3.48321	Week 8 down vs Week 3
10373113	NM_008447 // Kif5a // kinesin family member 5A // 10 D3|10 70.0 cM // 16572 ///	Kif5a	0.00157558	-3.45414	Week 8 down vs Week 3
10339060	---		9.40487E-08	-3.4321	Week 8 down vs Week 3
10381474	NM_025404 // Arl4d // ADP-ribosylation factor-like 4D // 11 D // 80981 /// BC016	Arl4d	5.1098E-10	-3.43055	Week 8 down vs Week 3
10343020	---		1.76383E-07	-3.42506	Week 8 down vs Week 3
10342170	---		3.57626E-09	-3.42369	Week 8 down vs Week 3
10338242	---		1.53066E-06	-3.41816	Week 8 down vs Week 3
10342823	---		0.0013589	-3.3908	Week 8 down vs Week 3
10475890	NM_008587 // Mertk // c-mer proto-oncogene tyrosine kinase // 2 F1 // 17289 ///	Mertk	3.95744E-08	-3.38352	Week 8 down vs Week 3
10541910	NM_011708 // Vwf // Von Willebrand factor homolog // 6 F3|6 60.8 cM // 22371 ///	Vwf	2.79146E-05	-3.3709	Week 8 down vs Week 3
10342148	---		7.28689E-06	-3.36791	Week 8 down vs Week 3
10340930	---		2.5328E-06	-3.36647	Week 8 down vs Week 3
10579525	NM_032398 // Plvap // plasmalemma vesicle associated protein // 8 B3.3|8 33.5 cM	Plvap	9.21085E-06	-3.35869	Week 8 down vs Week 3
10339143	---		1.10078E-06	-3.35713	Week 8 down vs Week 3
10366476	NM_029928 // Ptprb // protein tyrosine phosphatase, receptor type, B // 10 D2 //	Ptprb	0.000040092	-3.35564	Week 8 down vs Week 3
10585778	NM_011352 // Sema7a // sema domain, immunoglobulin domain (Ig), and GPI membrane	Sema7a	1.89959E-07	-3.34681	Week 8 down vs Week 3
10341265	---		7.60161E-08	-3.3369	Week 8 down vs Week 3
10342364	---		3.51456E-05	-3.33155	Week 8 down vs Week 3

10351463	ENSMUST00000027997 // Rgs5 // regulator of G-protein signaling 5 // 1 H2|1 86.5	Rgs5	0.000191952	-3.32526	Week 8 down vs Week 3
10341291	---		5.07508E-09	-3.31965	Week 8 down vs Week 3
10381962	NM_207624 // Ace // angiotensin I converting enzyme (peptidyl-dipeptidase A) 1 /	Ace	3.33355E-08	-3.29368	Week 8 down vs Week 3
10342037	---		1.22607E-06	-3.27345	Week 8 down vs Week 3
10343362	---		1.56473E-06	-3.27247	Week 8 down vs Week 3
10407211	NM_008247 // Ppap2a // phosphatidic acid phosphatase type 2A // 13 D2.2 // 19012	Ppap2a	1.85092E-07	-3.27224	Week 8 down vs Week 3
10338771	---		5.50512E-07	-3.26926	Week 8 down vs Week 3
10343141	---		1.73634E-06	-3.2626	Week 8 down vs Week 3
10340886	---		1.68746E-06	-3.26258	Week 8 down vs Week 3
10339255	---		1.2467E-06	-3.25999	Week 8 down vs Week 3
10341903	---		1.11641E-05	-3.25883	Week 8 down vs Week 3
10379190	NM_011707 // Vtn // vitronectin // 11 B5|11 45.09 cM // 22370 /// ENSMUST0000001	Vtn	9.48317E-06	-3.25862	Week 8 down vs Week 3
10543791	NM_013723 // Podxl // podocalyxin-like // 6 A3.3|6 10.0 cM // 27205 /// ENSMUST0	Podxl	1.60453E-06	-3.2544	Week 8 down vs Week 3
10419736	NM_010015 // Dad1 // defender against cell death 1 // 14 C2|14 24.0 cM // 13135	Dad1	9.6E-14	-3.25314	Week 8 down vs Week 3
10342445	---		0.000121875	-3.24341	Week 8 down vs Week 3
10558961	NM_053082 // Tspan4 // tetraspanin 4 // 7 F5 // 64540 /// ENSMUST00000026585 //	Tspan4	4.07454E-10	-3.23261	Week 8 down vs Week 3
10338388	---		1.73118E-06	-3.22812	Week 8 down vs Week 3
10339681	---		6.86416E-07	-3.2246	Week 8 down vs Week 3
10343533	---		0.000214293	-3.22422	Week 8 down vs Week 3
10340125	---		1.29117E-06	-3.22007	Week 8 down vs Week 3
10342676	---		3.50221E-06	-3.20955	Week 8 down vs Week 3
10341232	---		2.93251E-08	-3.2023	Week 8 down vs Week 3
10343722	---		3.01472E-07	-3.19025	Week 8 down vs Week 3
10400510	NM_025809 // Clec14a // C-type lectin domain family 14, member a // 12 C1 // 668	Clec14a	3.51438E-05	-3.17734	Week 8 down vs Week 3
10338969	---		1.41146E-07	-3.17686	Week 8 down vs Week 3
10405179	NM_010101 // S1pr3 // sphingosine-1-phosphate receptor 3 // 13 B1 // 13610 /// E	S1pr3	4.62159E-07	-3.14749	Week 8 down vs Week 3
10343629	---		3.54806E-10	-3.14046	Week 8 down vs Week 3
10340026	---		3.26205E-06	-3.13706	Week 8 down vs Week 3
10343839	---		3.96018E-07	-3.13315	Week 8 down vs Week 3
10552824	NM_009101 // Rras // Harvey rat sarcoma oncogene, subgroup R // 7 B4|7 23.0 cM /	Rras	1.8979E-11	-3.11432	Week 8 down vs Week 3
10343011	---		3.33026E-06	-3.10298	Week 8 down vs Week 3
10341950	---		0.0014132	-3.09955	Week 8 down vs Week 3
10516735	NM_023476 // Tinagl1 // tubulointerstitial nephritis antigen-like 1 // 4 D3 // 9	Tinagl1	1.36651E-09	-3.09855	Week 8 down vs Week 3
10342508	---		2.49369E-06	-3.0921	Week 8 down vs Week 3
10338834	---		0.000012049	-3.08899	Week 8 down vs Week 3
10340684	---		4.3833E-11	-3.0863	Week 8 down vs Week 3
10340746	---		1.20008E-06	-3.08457	Week 8 down vs Week 3
10341334	---		4.20479E-06	-3.08439	Week 8 down vs Week 3
10402211	NM_011812 // Fbln5 // fibulin 5 // 12 F1 // 23876 /// ENSMUST00000021603 // Fbln	Fbln5	4.49511E-07	-3.08266	Week 8 down vs Week 3
10563441	NM_010129 // Emp3 // epithelial membrane protein 3 // 7 B4|7 24.5 cM // 13732 //	Emp3	7.22215E-09	-3.07834	Week 8 down vs Week 3
10413733	NM_001025379 // Sema3g // sema domain, immunoglobulin domain (Ig), short basic d	Sema3g	2.86643E-08	-3.07196	Week 8 down vs Week 3
10448676	NM_023055 // Slc9a3r2 // solute carrier family 9 (sodium/hydrogen exchanger), me	Slc9a3r2	1.98355E-07	-3.07167	Week 8 down vs Week 3
10607752	NM_009759 // Bmx // BMX non-receptor tyrosine kinase // X F // 12169 /// ENSMUST	Bmx	3.5261E-11	-3.07041	Week 8 down vs Week 3
10409876	NM_007796 // Ctla2a // cytotoxic T lymphocyte-associated protein 2 alpha // 13 B	Ctla2a	4.84061E-06	-3.06767	Week 8 down vs Week 3
10339263	---		1.74231E-05	-3.06595	Week 8 down vs Week 3
10342946	---		1.95136E-07	-3.06345	Week 8 down vs Week 3
10338791	---		7.07804E-06	-3.06049	Week 8 down vs Week 3
10556266	NM_009516 // Wee1 // WEE 1 homolog 1 (S. pombe) // 7 F1 // 22390 /// ENSMUST0000	Wee1	4.25839E-09	-3.05312	Week 8 down vs Week 3
10416522	NM_207652 // Tsc22d1 // TSC22 domain family, member 1 // 14 D3|14 42.0 cM // 218	Tsc22d1	6.29881E-09	-3.04829	Week 8 down vs Week 3
10344513	---		2.49272E-05	-3.04704	Week 8 down vs Week 3
10504203	ENSMUST00000068158 // 4930578G10Rik // RIKEN cDNA 4930578G10 gene // 4 A5 // 75	4930578G10Rik	1.18475E-08	-3.03726	Week 8 down vs Week 3
10340999	---		2.98141E-05	-3.03256	Week 8 down vs Week 3
10362201	NM_010217 // Ctgf // connective tissue growth factor // 10 A3-B1|10 17.0 cM // 1	Ctgf	3.06534E-05	-3.02864	Week 8 down vs Week 3
10344459	---		3.09274E-07	-3.02851	Week 8 down vs Week 3
10339219	---		1.55199E-05	-3.02167	Week 8 down vs Week 3
10341654	---		7.77568E-05	-3.02084	Week 8 down vs Week 3
10369615	NM_011157 // Srgn // serglycin // 10 B4 // 19073 /// ENSMUST00000105446 // Srgn	Srgn	3.24571E-05	-3.02044	Week 8 down vs Week 3
10342441	---		0.000033098	-3.01952	Week 8 down vs Week 3
10338131	---		7.53802E-08	-3.01257	Week 8 down vs Week 3
10420155	NM_026819 // Dhrs1 // dehydrogenase/reductase (SDR family) member 1 // 14 C3|14	Dhrs1	6.31779E-07	-3.01212	Week 8 down vs Week 3
10343005	---		2.99632E-05	-3.00868	Week 8 down vs Week 3
10492402	NM_010597 // Kcnab1 // potassium voltage-gated channel, shaker-related subfamily	Kcnab1	9.78351E-09	-2.99885	Week 8 down vs Week 3
10356601	NM_011066 // Per2 // period homolog 2 (Drosophila) // 1 C5 // 18627 /// ENSMUST0	Per2	1.14E-12	-2.9934	Week 8 down vs Week 3
10341019	---		8.49953E-06	-2.98761	Week 8 down vs Week 3
10341012	---		2.94301E-08	-2.98479	Week 8 down vs Week 3

10343184	---		5.58685E-08	-2.98443	Week 8 down vs Week 3
10342586	---		1.73443E-06	-2.97755	Week 8 down vs Week 3
10343585	---		3.56372E-06	-2.97668	Week 8 down vs Week 3
10344425	---		4.75773E-08	-2.97192	Week 8 down vs Week 3
10608654	---		1.27709E-05	-2.96936	Week 8 down vs Week 3
10339437	---		1.67699E-05	-2.96524	Week 8 down vs Week 3
10593634	NM_177769 // Elmod1 // ELMO domain containing 1 // 9 A5.3 // 270162 /// ENSMUST0	Elmod1	8.3043E-07	-2.95753	Week 8 down vs Week 3
10344273	---		1.21226E-06	-2.95266	Week 8 down vs Week 3
10342635	---		5.72989E-07	-2.95079	Week 8 down vs Week 3
10342123	---		7.08703E-07	-2.94864	Week 8 down vs Week 3
10553092	NM_016974 // Dbp // D site albumin promoter binding protein // 7 B4|7 23.0 cM //	Dbp	3.7978E-11	-2.94075	Week 8 down vs Week 3
10498350	NM_133200 // P2ry14 // purinergic receptor P2Y, G-protein coupled, 14 // 3 D|3 2	P2ry14	1.2707E-06	-2.93295	Week 8 down vs Week 3
10341245	---		1.61411E-08	-2.93203	Week 8 down vs Week 3
10343087	---		0.000167985	-2.93106	Week 8 down vs Week 3
10343306	---		2.86274E-06	-2.92808	Week 8 down vs Week 3
10339283	---		1.65215E-08	-2.92336	Week 8 down vs Week 3
10584317	NM_027102 // Esam // endothelial cell-specific adhesion molecule // 9 B // 69524	Esam	1.01482E-05	-2.92242	Week 8 down vs Week 3
10338219	---		8.68499E-07	-2.92216	Week 8 down vs Week 3
10507594	NM_011400 // Slc2a1 // solute carrier family 2 (facilitated glucose transporter)	Slc2a1	1.16418E-07	-2.92176	Week 8 down vs Week 3
10587799	NM_008880 // Plscr2 // phospholipid scramblase 2 // 9 E3.3 // 18828 /// ENSMUST0	Plscr2	2.14151E-09	-2.92148	Week 8 down vs Week 3
10340102	---		1.01846E-05	-2.92062	Week 8 down vs Week 3
10341101	---		1.26641E-07	-2.92002	Week 8 down vs Week 3
10339323	---		2.15978E-05	-2.9006	Week 8 down vs Week 3
10397835	NM_172152 // Slc24a4 // solute carrier family 24 (sodium/potassium/calcium excha	Slc24a4	4.25404E-08	-2.90028	Week 8 down vs Week 3
10340228	---		7.21552E-06	-2.89887	Week 8 down vs Week 3
10376950	NM_008885 // Pmp22 // peripheral myelin protein 22 // 11 B3|11 34.45 cM // 18858	Pmp22	2.39759E-06	-2.8974	Week 8 down vs Week 3
10340446	---		3.25562E-05	-2.89428	Week 8 down vs Week 3
10338426	---		6.74533E-08	-2.89115	Week 8 down vs Week 3
10341167	---		1.46002E-07	-2.89021	Week 8 down vs Week 3
10344613	---		2.67515E-06	-2.88952	Week 8 down vs Week 3
10340114	---		6.9505E-08	-2.88283	Week 8 down vs Week 3
10340582	---		3.89816E-06	-2.88212	Week 8 down vs Week 3
10417561	NM_183187 // Fam107a // family with sequence similarity 107, member A // 14 A1 /	Fam107a	2.86586E-09	-2.87246	Week 8 down vs Week 3
10342380	---		2.68023E-06	-2.87105	Week 8 down vs Week 3
10340764	---		8.71284E-09	-2.87054	Week 8 down vs Week 3
10339024	---		3.27206E-07	-2.86445	Week 8 down vs Week 3
10339420	---		5.62234E-08	-2.86058	Week 8 down vs Week 3
10342819	---		2.97347E-06	-2.85516	Week 8 down vs Week 3
10342323	---		4.89082E-10	-2.8548	Week 8 down vs Week 3
10540122	NM_009320 // Slc6a6 // solute carrier family 6 (neurotransmitter transporter, ta	Slc6a6	8.9269E-11	-2.8444	Week 8 down vs Week 3
10339043	---		6.23534E-05	-2.83899	Week 8 down vs Week 3
10340091	---		1.68398E-06	-2.83864	Week 8 down vs Week 3
10341756	---		6.18989E-06	-2.83755	Week 8 down vs Week 3
10351455	NM_009063 // Rgs5 // regulator of G-protein signaling 5 // 1 H2|1 86.5 cM // 197	Rgs5	0.000635735	-2.83735	Week 8 down vs Week 3
10341067	---		0.000903012	-2.83336	Week 8 down vs Week 3
10338232	---		6.15706E-08	-2.83265	Week 8 down vs Week 3
10339785	---		2.38558E-05	-2.83263	Week 8 down vs Week 3
10339994	---		0.00137988	-2.83163	Week 8 down vs Week 3
10401607	NM_008827 // Pgf // placental growth factor // 12 D|12 39.0 cM // 18654 /// ENSM	Pgf	1.05486E-05	-2.82743	Week 8 down vs Week 3
10601888	NM_011123 // Plp1 // proteolipid protein (myelin) 1 // X F1-F2|X 56.0 cM // 1882	Plp1	0.00239771	-2.82728	Week 8 down vs Week 3
10339580	---		0.00142673	-2.82309	Week 8 down vs Week 3
10496359	NM_016885 // Emcn // endomucin // 3 G3 // 59308 /// ENSMUST00000119475 // Emcn /	Emcn	0.00296826	-2.82089	Week 8 down vs Week 3
10341438	---		1.29443E-05	-2.81979	Week 8 down vs Week 3
10344284	---		4.18046E-07	-2.81258	Week 8 down vs Week 3
10462091	NM_010638 // Klf9 // Kruppel-like factor 9 // 19 C1 // 16601 /// BC138724 // Klf	Klf9	1.75032E-09	-2.7943	Week 8 down vs Week 3
10546001	BC116955 // 1190003M12Rik // RIKEN cDNA 1190003M12 gene // 6 D1 // 68888 /// ENS	1190003M12Rik	2.48321E-08	-2.79206	Week 8 down vs Week 3
10340667	---		6.38018E-07	-2.78854	Week 8 down vs Week 3
10342904	---		3.35223E-09	-2.78848	Week 8 down vs Week 3
10340850	---		1.10306E-05	-2.78377	Week 8 down vs Week 3
10538640	NM_011920 // Abcg2 // ATP-binding cassette, sub-family G (WHITE), member 2 // 6	Abcg2	7.21959E-06	-2.77854	Week 8 down vs Week 3
10342657	---		1.30953E-06	-2.77538	Week 8 down vs Week 3
10338958	---		2.8114E-07	-2.77482	Week 8 down vs Week 3
10342422	---		1.85332E-07	-2.77413	Week 8 down vs Week 3
10340421	---		0.000113668	-2.77326	Week 8 down vs Week 3
10339820	---		3.2807E-11	-2.77203	Week 8 down vs Week 3

10459227	---		3.26839E-08	-2.7717	Week 8 down vs Week 3
10341649	---		7.90025E-05	-2.76871	Week 8 down vs Week 3
10340705	---		1.50712E-06	-2.76476	Week 8 down vs Week 3
10338153	---		0.00216113	-2.76384	Week 8 down vs Week 3
10338782	---		0.000821106	-2.753	Week 8 down vs Week 3
10594967	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00293747	-2.75087	Week 8 down vs Week 3
10455942	BC075669 // A730017C20Rik // RIKEN cDNA A730017C20 gene // 18 D3 // 225583 /// N	A730017C20Rik	8.4813E-06	-2.74979	Week 8 down vs Week 3
10505954	NM_013690 // Tek // endothelial-specific receptor tyrosine kinase // 4 C5|4 43.6	Tek	0.000211551	-2.74459	Week 8 down vs Week 3
10367436	NM_001042580 // Cd63 // CD63 antigen // 10 D3|10 72.0 cM // 12512 /// NM_007653	Cd63	4.32003E-05	-2.74286	Week 8 down vs Week 3
10342610	---		4.26683E-05	-2.74231	Week 8 down vs Week 3
10339577	---		8.53462E-07	-2.74206	Week 8 down vs Week 3
10445268	NM_001081178 // Gpr116 // G protein-coupled receptor 116 // 17 B3 // 224792 ///	Gpr116	0.000280886	-2.73949	Week 8 down vs Week 3
10343203	---		5.10303E-06	-2.73812	Week 8 down vs Week 3
10339852	---		0.000821627	-2.73395	Week 8 down vs Week 3
10574023	NM_008630 // Mt2 // metallothionein 2 // 8 C5|8 45.0 cM // 17750 /// ENSMUST0000	Mt2	7.41779E-07	-2.72965	Week 8 down vs Week 3
10542575	NM_018779 // Pde3a // phosphodiesterase 3A, cGMP inhibited // 6 G1 // 54611 ///	Pde3a	2.03171E-05	-2.72933	Week 8 down vs Week 3
10340258	---		5.63404E-07	-2.72459	Week 8 down vs Week 3
10341009	---		2.41961E-05	-2.72163	Week 8 down vs Week 3
10340154	---		5.05256E-06	-2.72026	Week 8 down vs Week 3
10515771	NM_011587 // Tie1 // tyrosine kinase with immunoglobulin-like and EGF-like domai	Tie1	2.36229E-05	-2.71847	Week 8 down vs Week 3
10553042	NM_028544 // Rasip1 // Ras interacting protein 1 // 7 B2 // 69903 /// ENSMUST000	Rasip1	3.06905E-07	-2.71699	Week 8 down vs Week 3
10568001	NM_133670 // Sult1a1 // sulfotransferase family 1A, phenol-preferring, member 1	Sult1a1	9.5787E-09	-2.7129	Week 8 down vs Week 3
10339805	---		2.88032E-06	-2.71068	Week 8 down vs Week 3
10342811	---		4.80205E-06	-2.70572	Week 8 down vs Week 3
10454514	NM_144862 // Lims2 // LIM and senescent cell antigen like domains 2 // 18 B1 //	Lims2	7.14211E-07	-2.70321	Week 8 down vs Week 3
10342942	---		2.74359E-06	-2.70134	Week 8 down vs Week 3
10343516	---		1.45082E-07	-2.7	Week 8 down vs Week 3
10339469	---		6.91327E-05	-2.68815	Week 8 down vs Week 3
10341414	---		0.000069281	-2.68541	Week 8 down vs Week 3
10343584	---		6.36102E-10	-2.68503	Week 8 down vs Week 3
10344142	---		7.57897E-05	-2.68381	Week 8 down vs Week 3
10508829	NM_016693 // Map3k6 // mitogen-activated protein kinase kinase kinase 6 // 4 D2.	Map3k6	2.04285E-10	-2.6761	Week 8 down vs Week 3
10344242	---		1.27329E-06	-2.67462	Week 8 down vs Week 3
10338177	---		1.10777E-08	-2.67459	Week 8 down vs Week 3
10343120	---		0.000202734	-2.67068	Week 8 down vs Week 3
10420114	NM_001161715 // Tgm1 // transglutaminase 1, K polypeptide // 14 C1 // 21816 ///	Tgm1	2.22277E-05	-2.6666	Week 8 down vs Week 3
10425601	NM_153484 // Tef // thyrotroph embryonic factor // 15 E1|15 46.7 cM // 21685 ///	Tef	4E-15	-2.66563	Week 8 down vs Week 3
10340901	---		0.00090926	-2.66535	Week 8 down vs Week 3
10340334	---		0.00015879	-2.66108	Week 8 down vs Week 3
10343189	---		0.00240494	-2.66033	Week 8 down vs Week 3
10344122	---		0.00053687	-2.65774	Week 8 down vs Week 3
10340638	---		0.000186394	-2.65418	Week 8 down vs Week 3
10501608	NM_011693 // Vcam1 // vascular cell adhesion molecule 1 // 3 G1|3 50.8 cM // 223	Vcam1	3.11589E-08	-2.65257	Week 8 down vs Week 3
10355536	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961 /// ENSMUST00000050681	Tns1	2.31726E-05	-2.64969	Week 8 down vs Week 3
10340885	---		4.26924E-05	-2.64492	Week 8 down vs Week 3
10338981	---		6.86951E-06	-2.64454	Week 8 down vs Week 3
10406334	NM_030174 // Mctp1 // multiple C2 domains, transmembrane 1 // 13 C1 // 78771 ///	Mctp1	1.42002E-05	-2.64335	Week 8 down vs Week 3
10341597	---		2.57221E-06	-2.64314	Week 8 down vs Week 3
10582275	NM_011404 // Slc7a5 // solute carrier family 7 (cationic amino acid transporter,	Slc7a5	1.637E-08	-2.63816	Week 8 down vs Week 3
10458046	NM_053078 // D0H4S114 // DNA segment, human D4S114 // 18 B1 // 27528 /// NM_0011	D0H4S114	4.65615E-06	-2.63813	Week 8 down vs Week 3
10341928	---		8.78814E-05	-2.63648	Week 8 down vs Week 3
10384223	NM_008343 // Igfbp3 // insulin-like growth factor binding protein 3 // 11 A1|11	Igfbp3	3.46569E-05	-2.63302	Week 8 down vs Week 3
10339279	---		9.06905E-06	-2.63223	Week 8 down vs Week 3
10480714	NM_001033293 // Uap1l1 // UDP-N-acteylglucosamine pyrophosphorylase 1-like 1 //	Uap1l1	4.68908E-09	-2.63151	Week 8 down vs Week 3
10489569	NM_011125 // Pltp // phospholipid transfer protein // 2 H3|2 93.0 cM // 18830 //	Pltp	5.91982E-06	-2.62883	Week 8 down vs Week 3
10340660	---		9.18192E-06	-2.62528	Week 8 down vs Week 3
10451551	NM_008189 // Guca1a // guanylate cyclase activator 1a (retina) // 17 D // 14913	Guca1a	0.000363058	-2.62473	Week 8 down vs Week 3
10344297	---		0.00106037	-2.62179	Week 8 down vs Week 3
10343012	---		2.53162E-05	-2.62037	Week 8 down vs Week 3
10584674	NM_023061 // Mcam // melanoma cell adhesion molecule // 9 A5.1 // 84004 /// ENSM	Mcam	2.15064E-05	-2.62012	Week 8 down vs Week 3
10339482	---		0.000119505	-2.61862	Week 8 down vs Week 3
10339047	---		2.80968E-08	-2.61131	Week 8 down vs Week 3
10341077	---		2.70004E-06	-2.60803	Week 8 down vs Week 3
10340643	---		2.60123E-10	-2.60654	Week 8 down vs Week 3
10343565	---		7.33237E-05	-2.60596	Week 8 down vs Week 3

10343316	---		1.3452E-07	-2.60542	Week 8 down vs Week 3
10343983	---		3.39852E-06	-2.60539	Week 8 down vs Week 3
10339282	---		0.00872319	-2.60458	Week 8 down vs Week 3
10343022	---		2.62698E-06	-2.60363	Week 8 down vs Week 3
10341526	---		0.000257203	-2.59956	Week 8 down vs Week 3
10342288	---		8.76815E-05	-2.59683	Week 8 down vs Week 3
10342469	---		1.16065E-05	-2.59062	Week 8 down vs Week 3
10342733	---		0.000047943	-2.58986	Week 8 down vs Week 3
10392056	NM_007805 // Cyb561 // cytochrome b-561 // 11 E1|11 65.0 cM // 13056 /// ENSMUST	Cyb561	4.5E-13	-2.58531	Week 8 down vs Week 3
10338319	---		6.76814E-07	-2.58126	Week 8 down vs Week 3
10372383	BC051527 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 320150	Zdhhc17	1.31615E-05	-2.58098	Week 8 down vs Week 3
10344470	---		9.68503E-05	-2.5805	Week 8 down vs Week 3
10340593	---		1.21646E-07	-2.58046	Week 8 down vs Week 3
10600317	NM_008106 // Opn1mw // opsin 1 (cone pigments), medium-wave-sensitive (color bli	Opn1mw	0.000247974	-2.58029	Week 8 down vs Week 3
10338087	---		2.04609E-07	-2.57476	Week 8 down vs Week 3
10603066	NM_027286 // Ace2 // angiotensin I converting enzyme (peptidyl-dipeptidase A) 2	Ace2	3.68801E-05	-2.57289	Week 8 down vs Week 3
10344451	---		7.14212E-07	-2.57273	Week 8 down vs Week 3
10456046	NM_001146268 // Pdgfrb // platelet derived growth factor receptor, beta polypept	Pdgfrb	0.000726373	-2.5705	Week 8 down vs Week 3
10339708	---		2.22559E-05	-2.56569	Week 8 down vs Week 3
10340238	---		5.46551E-10	-2.56496	Week 8 down vs Week 3
10340405	---		9.05017E-06	-2.56302	Week 8 down vs Week 3
10341415	---		1.81653E-06	-2.5619	Week 8 down vs Week 3
10572432	NM_023627 // Isyna1 // myo-inositol 1-phosphate synthase A1 // 8 B3.3 // 71780 /	Isyna1	1.5808E-11	-2.5605	Week 8 down vs Week 3
10344384	---		1.00158E-05	-2.56025	Week 8 down vs Week 3
10344286	---		0.000314959	-2.55745	Week 8 down vs Week 3
10342833	---		0.000143012	-2.5546	Week 8 down vs Week 3
10594973	NM_001081153 // Unc13c // unc-13 homolog C (C. elegans) // 9 D // 208898 /// ENS	Unc13c	0.00347583	-2.55098	Week 8 down vs Week 3
10339372	---		5.21239E-06	-2.54783	Week 8 down vs Week 3
10342404	---		1.86963E-06	-2.54753	Week 8 down vs Week 3
10339399	---		2.55177E-05	-2.54742	Week 8 down vs Week 3
10341726	---		1.43622E-05	-2.5434	Week 8 down vs Week 3
10355530	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961	Tns1	1.31995E-07	-2.54269	Week 8 down vs Week 3
10338930	---		5.94784E-05	-2.54246	Week 8 down vs Week 3
10340279	---		2.40358E-06	-2.54207	Week 8 down vs Week 3
10341974	---		0.00219185	-2.53971	Week 8 down vs Week 3
10338387	---		9.15698E-05	-2.53943	Week 8 down vs Week 3
10579812	NM_010332 // Ednra // endothelin receptor type A // --- // 13617 /// ENSMUST0000	Ednra	5.07021E-05	-2.53874	Week 8 down vs Week 3
10338420	---		0.00008745	-2.53812	Week 8 down vs Week 3
10342687	---		2.01885E-08	-2.53728	Week 8 down vs Week 3
10498935	NM_017469 // Gucy1b3 // guanylate cyclase 1, soluble, beta 3 // 3 E3 // 54195 //	Gucy1b3	0.000020592	-2.53629	Week 8 down vs Week 3
10344990	NM_031402 // Crispld1 // cysteine-rich secretory protein LCCL domain containing	Crispld1	1.60944E-05	-2.53533	Week 8 down vs Week 3
10342986	---		5.34359E-06	-2.5343	Week 8 down vs Week 3
10339102	---		4.07549E-08	-2.53386	Week 8 down vs Week 3
10344491	---		2.28099E-05	-2.53185	Week 8 down vs Week 3
10535807	NM_010228 // Flt1 // FMS-like tyrosine kinase 1 // 5 G|5 82.0 cM // 14254 /// EN	Flt1	0.000093107	-2.53118	Week 8 down vs Week 3
10343124	---		5.46406E-05	-2.52953	Week 8 down vs Week 3
10508651	NM_011520 // Sdc3 // syndecan 3 // 4 D2.3|4 60.8 cM // 20970 /// ENSMUST00000070	Sdc3	4.30435E-05	-2.52502	Week 8 down vs Week 3
10400405	NM_010907 // Nfkbia // nuclear factor of kappa light polypeptide gene enhancer i	Nfkbia	7.62776E-08	-2.52458	Week 8 down vs Week 3
10340802	---		2.0321E-08	-2.52327	Week 8 down vs Week 3
10339294	---		2.69853E-06	-2.52265	Week 8 down vs Week 3
10550332	NM_009201 // Slc1a5 // solute carrier family 1 (neutral amino acid transporter),	Slc1a5	2.05431E-07	-2.51604	Week 8 down vs Week 3
10343866	---		0.000734862	-2.5158	Week 8 down vs Week 3
10342748	---		0.000214889	-2.51501	Week 8 down vs Week 3
10553743	NM_021879 // Oca2 // oculocutaneous albinism II // 7 B5-C|7 28.0 cM // 18431 ///	Oca2	0.000499116	-2.51432	Week 8 down vs Week 3
10342102	---		1.64057E-05	-2.51305	Week 8 down vs Week 3
10500272	BC132471 // Gm129 // predicted gene 129 // 3 F2.1 // 229599 /// NM_001033302 //	Gm129	9.9304E-11	-2.50796	Week 8 down vs Week 3
10341706	---		0.000180651	-2.50628	Week 8 down vs Week 3
10343074	---		8.00572E-07	-2.50501	Week 8 down vs Week 3
10520126	NM_008713 // Nos3 // nitric oxide synthase 3, endothelial cell // 5 A3|5 9.0 cM	Nos3	9.18946E-08	-2.50237	Week 8 down vs Week 3
10344218	---		1.36603E-07	-2.49587	Week 8 down vs Week 3
10338116	---		1.16E-13	-2.49513	Week 8 down vs Week 3
10352936	NM_011441 // Sox17 // SRY-box containing gene 17 // 1 A1|1 7.0 cM // 20671 /// E	Sox17	3.15497E-08	-2.49412	Week 8 down vs Week 3
10343035	---		2.30484E-08	-2.49312	Week 8 down vs Week 3
10344388	---		3.77896E-07	-2.49167	Week 8 down vs Week 3
10340050	---		1.69241E-07	-2.49161	Week 8 down vs Week 3

10342315	---		3.91784E-06	-2.48993	Week 8 down vs Week 3
10529875	NM_001077398 // Ldb2 // LIM domain binding 2 // 5 B3 // 16826 /// NM_010698 // L	Ldb2	0.0001058	-2.48884	Week 8 down vs Week 3
10474229	NM_001111060 // Cd59a // CD59a antigen // 2 55.0 cM // 12509 /// NM_007652 // Cd	Cd59a	7.31508E-06	-2.48838	Week 8 down vs Week 3
10340155	---		5.30953E-05	-2.48419	Week 8 down vs Week 3
10431935	NM_178114 // Amigo2 // adhesion molecule with Ig like domain 2 // 15 F1 // 10582	Amigo2	2.17107E-07	-2.4826	Week 8 down vs Week 3
10518781	NM_011067 // Per3 // period homolog 3 (Drosophila) // 4 E2 // 18628 /// ENSMUST0	Per3	5.05E-13	-2.48233	Week 8 down vs Week 3
10518726	NM_027460 // Slc25a33 // solute carrier family 25, member 33 // 4 E1 // 70556 //	Slc25a33	4.53898E-06	-2.48212	Week 8 down vs Week 3
10407291	NM_172595 // Arl15 // ADP-ribosylation factor-like 15 // 13 D2.2 // 218639 /// E	Arl15	2.94418E-08	-2.48186	Week 8 down vs Week 3
10343042	---		1.35639E-07	-2.47802	Week 8 down vs Week 3
10341304	---		2.60029E-07	-2.47796	Week 8 down vs Week 3
10342175	---		1.20189E-06	-2.47515	Week 8 down vs Week 3
10343411	---		7.13884E-08	-2.47402	Week 8 down vs Week 3
10343096	---		1.33748E-07	-2.47397	Week 8 down vs Week 3
10549760	BC066001 // Zfp580 // zinc finger protein 580 // 7 A1 // 68992 /// ENSMUST000000	Zfp580	4.7885E-11	-2.47346	Week 8 down vs Week 3
10460468	NM_019861 // Ctsf // cathepsin F // 19 A // 56464 /// ENSMUST00000115980 // Ctsf	Ctsf	1.34963E-09	-2.47323	Week 8 down vs Week 3
10339909	---		0.000791052	-2.47305	Week 8 down vs Week 3
10342992	---		4.45E-13	-2.47283	Week 8 down vs Week 3
10338844	---		1.86987E-07	-2.47204	Week 8 down vs Week 3
10343652	---		0.000264666	-2.47097	Week 8 down vs Week 3
10509901	NM_008546 // Mfap2 // microfibrillar-associated protein 2 // 4 D3-E1 // 17150 //	Mfap2	1.84714E-06	-2.46829	Week 8 down vs Week 3
10386455	NM_009026 // Rasd1 // RAS, dexamethasone-induced 1 // 11 B2 // 19416 /// ENSMUST	Rasd1	1.84029E-09	-2.46787	Week 8 down vs Week 3
10344406	---		2.95068E-05	-2.46518	Week 8 down vs Week 3
10342562	---		5.098E-12	-2.46171	Week 8 down vs Week 3
10342969	---		9.92896E-08	-2.46171	Week 8 down vs Week 3
10368556	NM_013904 // Hey2 // hairy/enhancer-of-split related with YRPW motif 2 // 10 A4	Hey2	8.55623E-07	-2.4612	Week 8 down vs Week 3
10440091	NM_007739 // Col8a1 // collagen, type VIII, alpha 1 // 16 C1.1 // 12837 /// ENSM	Col8a1	0.000140985	-2.45826	Week 8 down vs Week 3
10414514	NM_013632 // Pnp1 // purine-nucleoside phosphorylase 1 // 14 B-C1|14 19.5 cM //	Pnp1	5.16701E-08	-2.45823	Week 8 down vs Week 3
10435271	NM_175256 // Heg1 // HEG homolog 1 (zebrafish) // 16 B3 // 77446 /// ENSMUST0000	Heg1	2.19524E-05	-2.4572	Week 8 down vs Week 3
10404783	NM_010104 // Edn1 // endothelin 1 // 13 A4|13 26.0 cM // 13614 /// ENSMUST000000	Edn1	3.9124E-11	-2.45592	Week 8 down vs Week 3
10407072	NM_029001 // Elovl7 // ELOVL family member 7, elongation of long chain fatty aci	Elovl7	3.43884E-06	-2.45426	Week 8 down vs Week 3
10340739	---		6.48494E-06	-2.45342	Week 8 down vs Week 3
10339614	---		3.32247E-05	-2.45202	Week 8 down vs Week 3
10341323	---		0.000162872	-2.45148	Week 8 down vs Week 3
10427026	NM_019518 // Grasp // GRP1 (general receptor for phosphoinositides 1)-associated	Grasp	0.000001019	-2.45115	Week 8 down vs Week 3
10340036	---		3.15068E-07	-2.45109	Week 8 down vs Week 3
10408610	NM_009450 // Tubb2a // tubulin, beta 2A // 13 A3.3|13 16.0 cM // 22151 /// ENSMU	Tubb2a	3.18653E-09	-2.45005	Week 8 down vs Week 3
10398996	NM_024223 // Crip2 // cysteine rich protein 2 // 12 F1|12 58.7 cM // 68337 /// E	Crip2	8.94179E-06	-2.4498	Week 8 down vs Week 3
10343891	---		0	-2.44932	Week 8 down vs Week 3
10546432	NM_175314 // Adamts9 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts9	1.7086E-06	-2.44758	Week 8 down vs Week 3
10537062	NM_008590 // Mest // mesoderm specific transcript // 6 B1|6 7.5 cM // 17294 ///	Mest	0.000272947	-2.44692	Week 8 down vs Week 3
10410766	NM_010151 // Nr2f1 // nuclear receptor subfamily 2, group F, member 1 // 13 C1|1	Nr2f1	7.14757E-06	-2.4466	Week 8 down vs Week 3
10372682	NM_029875 // Slc35e3 // solute carrier family 35, member E3 // 10 D2 // 215436 /	Slc35e3	1.07848E-05	-2.44615	Week 8 down vs Week 3
10339152	---		1.48518E-05	-2.44596	Week 8 down vs Week 3
10343442	---		7.43926E-06	-2.44188	Week 8 down vs Week 3
10470296	---		5.91374E-05	-2.43868	Week 8 down vs Week 3
10350758	AK080751 // A930039A15Rik // RIKEN cDNA A930039A15 gene // --- // 791276	A930039A15Rik	2.0439E-07	-2.43707	Week 8 down vs Week 3
10606369	NM_008409 // Itm2a // integral membrane protein 2A // X A2-A3 // 16431 /// ENSMU	Itm2a	0.00133573	-2.43629	Week 8 down vs Week 3
10444028	NM_030697 // Kank3 // KN motif and ankyrin repeat domains 3 // 17 B1 // 80880 //	Kank3	3.69296E-07	-2.436	Week 8 down vs Week 3
10343441	---		1.44565E-07	-2.43516	Week 8 down vs Week 3
10339254	---		1.55031E-05	-2.43512	Week 8 down vs Week 3
10426544	NM_026353 // Slc48a1 // solute carrier family 48 (heme transporter), member 1 //	Slc48a1	3.8936E-11	-2.4331	Week 8 down vs Week 3
10541753	NM_175696 // C530028O21Rik // RIKEN cDNA C530028O21 gene // 6 F2 // 319352 /// N	C530028O21Rik	3.60793E-09	-2.43258	Week 8 down vs Week 3
10341516	---		0.0020169	-2.43207	Week 8 down vs Week 3
10392221	NM_008816 // Pecam1 // platelet/endothelial cell adhesion molecule 1 // 11 E1 //	Pecam1	0.000339994	-2.43163	Week 8 down vs Week 3
10406852	NM_028044 // Cnn3 // calponin 3, acidic // 3 G1 // 71994 /// ENSMUST00000029773	Cnn3	1.09426E-08	-2.42936	Week 8 down vs Week 3
10344525	---		1.92145E-05	-2.42846	Week 8 down vs Week 3
10586244	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	8.06156E-07	-2.42783	Week 8 down vs Week 3
10569618	NM_178642 // Ano1 // anoctamin 1, calcium activated chloride channel // 7 F5 //	Ano1	4.18812E-06	-2.42776	Week 8 down vs Week 3
10488382	NM_010740 // Cd93 // CD93 antigen // 2 G3|2 84.0 cM // 17064 /// ENSMUST00000099	Cd93	0.000247	-2.42689	Week 8 down vs Week 3
10342211	---		0.00190972	-2.42453	Week 8 down vs Week 3
10342317	---		0.00905305	-2.42395	Week 8 down vs Week 3
10414102	NM_153127 // Mmrn2 // multimerin 2 // 14 B // 105450 /// ENSMUST00000111908 // M	Mmrn2	0.000129685	-2.42356	Week 8 down vs Week 3
10338099	---		6.74118E-05	-2.42328	Week 8 down vs Week 3
10343059	---		9.03611E-05	-2.42277	Week 8 down vs Week 3
10344606	---		0.000497254	-2.4201	Week 8 down vs Week 3

10584634	NM_198092 // Usp2 // ubiquitin specific peptidase 2 // 9 B // 53376 /// NM_01680	Usp2	7.68516E-10	-2.41881	Week 8 down vs Week 3
10584653	NM_145613 // C1qtnf5 // C1q and tumor necrosis factor related protein 5 // 9 A5.	C1qtnf5	1.49626E-06	-2.41748	Week 8 down vs Week 3
10343912	---		1.13229E-05	-2.4166	Week 8 down vs Week 3
10367379	NM_021882 // Si // silver // 10 D3|10 70.0 cM // 20431 /// ENSMUST00000054125 //	Si	0.00921739	-2.41472	Week 8 down vs Week 3
10357833	NM_213616 // Atp2b4 // ATPase, Ca++ transporting, plasma membrane 4 // 1 E4 // 3	Atp2b4	5.83114E-05	-2.41188	Week 8 down vs Week 3
10435266	NM_175256 // Heg1 // HEG homolog 1 (zebrafish) // 16 B3 // 77446 /// ENSMUST0000	Heg1	7.55899E-08	-2.40471	Week 8 down vs Week 3
10415890	NM_146246 // Rp1l1 // retinitis pigmentosa 1 homolog (human)-like 1 // 14 D1 //	Rp1l1	0.000912366	-2.40429	Week 8 down vs Week 3
10343742	---		1.29279E-05	-2.40383	Week 8 down vs Week 3
10343025	---		2.7863E-11	-2.40354	Week 8 down vs Week 3
10339815	---		5.76692E-06	-2.40335	Week 8 down vs Week 3
10439237	NM_025587 // Rps21 // ribosomal protein S21 // 2 H4 // 66481 /// ENSMUST00000059	Rps21	1.29691E-08	-2.40287	Week 8 down vs Week 3
10338995	---		4.26188E-07	-2.40075	Week 8 down vs Week 3
10344519	---		7.24008E-09	-2.40033	Week 8 down vs Week 3
10342743	---		1.33393E-06	-2.39773	Week 8 down vs Week 3
10344492	---		2.12059E-05	-2.3967	Week 8 down vs Week 3
10338736	---		0.000131016	-2.39582	Week 8 down vs Week 3
10338613	---		1.22328E-06	-2.39546	Week 8 down vs Week 3
10341054	---		0.000286807	-2.39542	Week 8 down vs Week 3
10339633	---		0.00119801	-2.39475	Week 8 down vs Week 3
10355534	NM_027884 // Tns1 // tensin 1 // 1 C3|1 44.5 cM // 21961	Tns1	3.52698E-05	-2.38825	Week 8 down vs Week 3
10587194	NM_138719 // Gnb5 // guanine nucleotide binding protein (G protein), beta 5 // 9	Gnb5	0.000416051	-2.38759	Week 8 down vs Week 3
10344216	---		1.26616E-06	-2.38717	Week 8 down vs Week 3
10490818	NM_025285 // Stmn2 // stathmin-like 2 // 3 A1|3 6.6 cM // 20257 /// ENSMUST00000	Stmn2	4.47249E-05	-2.38675	Week 8 down vs Week 3
10344523	---		0.0157634	-2.38586	Week 8 down vs Week 3
10339164	---		5.35051E-05	-2.38541	Week 8 down vs Week 3
10381371	NM_009675 // Aoc3 // amine oxidase, copper containing 3 // 11 B2-B5 // 11754 ///	Aoc3	0.00003364	-2.38459	Week 8 down vs Week 3
10341901	---		4.34604E-07	-2.38391	Week 8 down vs Week 3
10594044	NM_012043 // Islr // immunoglobulin superfamily containing leucine-rich repeat /	Islr	0.000226574	-2.38171	Week 8 down vs Week 3
10344420	---		3.47693E-05	-2.37963	Week 8 down vs Week 3
10451953	NM_029796 // Lrg1 // leucine-rich alpha-2-glycoprotein 1 // 17 D|17 10.0 cM // 7	Lrg1	8.55494E-08	-2.37855	Week 8 down vs Week 3
10343694	---		1.36908E-10	-2.3785	Week 8 down vs Week 3
10542470	NM_019946 // Mgst1 // microsomal glutathione S-transferase 1 // 6 G1 // 56615 //	Mgst1	0.000393646	-2.37729	Week 8 down vs Week 3
10441794	NM_030726 // Mrgprh // MAS-related GPR, member H // 17 A1 // 80978 /// ENSMUST00	Mrgprh	4.80239E-06	-2.37636	Week 8 down vs Week 3
10341964	---		1.05787E-05	-2.37514	Week 8 down vs Week 3
10582082	NM_001009950 // Slc38a8 // solute carrier family 38, member 8 // 8 E1 // 234788	Slc38a8	3.49551E-05	-2.37402	Week 8 down vs Week 3
10344305	---		3.20257E-06	-2.37339	Week 8 down vs Week 3
10598499	XM_905995 // Gm7079 // predicted gene 7079 // X A1.1 // 632013	Gm7079	2.79493E-09	-2.37314	Week 8 down vs Week 3
10341298	---		9.54917E-06	-2.37172	Week 8 down vs Week 3
10339844	---		0.000845895	-2.37107	Week 8 down vs Week 3
10346109	NM_001160386 // Dnahc7b // dynein, axonemal, heavy chain 7B // 1 C1.1 // 227058	Dnahc7b	3.01836E-07	-2.36999	Week 8 down vs Week 3
10344405	---		0.000102422	-2.36323	Week 8 down vs Week 3
10380285	NM_026433 // Tmem100 // transmembrane protein 100 // 11 C // 67888 /// ENSMUST00	Tmem100	0.000426483	-2.36268	Week 8 down vs Week 3
10523717	NM_009263 // Spp1 // secreted phosphoprotein 1 // 5 E5|5 56.0 cM // 20750 /// EN	Spp1	0.00109172	-2.36209	Week 8 down vs Week 3
10343276	---		2.66826E-05	-2.36103	Week 8 down vs Week 3
10343583	---		0.000015115	-2.36059	Week 8 down vs Week 3
10559261	NM_133655 // Cd81 // CD81 antigen // 7 F5|7 69.3 cM // 12520 /// ENSMUST00000037	Cd81	1.37836E-07	-2.36055	Week 8 down vs Week 3
10588263	NM_033314 // Slco2a1 // solute carrier organic anion transporter family, member	Slco2a1	3.11113E-07	-2.35887	Week 8 down vs Week 3
10339728	---		0.000195991	-2.35542	Week 8 down vs Week 3
10341486	---		0.000358963	-2.35107	Week 8 down vs Week 3
10587871	NM_198414 // Paqr9 // progestin and adipoQ receptor family member IX // 9 E3.3 /	Paqr9	4.0115E-09	-2.3489	Week 8 down vs Week 3
10341664	---		4.37756E-05	-2.34739	Week 8 down vs Week 3
10339796	---		0.000012967	-2.34647	Week 8 down vs Week 3
10475910	---		9.71922E-08	-2.34555	Week 8 down vs Week 3
10579347	NM_023065 // Ifi30 // interferon gamma inducible protein 30 // 8 B3.3 // 65972 /	Ifi30	1.02833E-09	-2.34416	Week 8 down vs Week 3
10463224	BC054384 // Marveld1 // MARVEL (membrane-associating) domain containing 1 // 19	Marveld1	6.82556E-10	-2.34387	Week 8 down vs Week 3
10339920	---		7.40338E-05	-2.3436	Week 8 down vs Week 3
10340049	---		4.79312E-05	-2.34313	Week 8 down vs Week 3
10343147	---		0.000872261	-2.33474	Week 8 down vs Week 3
10342457	---		0.000323797	-2.33437	Week 8 down vs Week 3
10344227	---		0.00303793	-2.32901	Week 8 down vs Week 3
10342920	---		7.87622E-05	-2.32817	Week 8 down vs Week 3
10342403	---		3.44958E-05	-2.32604	Week 8 down vs Week 3
10341236	---		0.000561672	-2.32281	Week 8 down vs Week 3
10339013	---		3.53592E-05	-2.32262	Week 8 down vs Week 3
10341035	---		0.00226202	-2.31968	Week 8 down vs Week 3

10338976	---		8.77514E-05	-2.31775	Week 8 down vs Week 3
10343300	---		0.0017003	-2.31718	Week 8 down vs Week 3
10342859	---		2.6759E-06	-2.3157	Week 8 down vs Week 3
10340289	---		0.00080436	-2.31467	Week 8 down vs Week 3
10342874	---		4.40418E-06	-2.3138	Week 8 down vs Week 3
10464583	NM_013541 // Gstp1 // glutathione S-transferase, pi 1 // 19 A|19 0.0 cM // 14870	Gstp1	8.01481E-07	-2.31358	Week 8 down vs Week 3
10580181	---		6.2035E-11	-2.31277	Week 8 down vs Week 3
10463070	NM_009848 // Entpd1 // ectonucleoside triphosphate diphosphohydrolase 1 // 19 C3	Entpd1	0.000079887	-2.31222	Week 8 down vs Week 3
10602677	NM_010951 // Gpr143 // G protein-coupled receptor 143 // X F2-F3|X 65.0 cM // 18	Gpr143	2.36298E-05	-2.31161	Week 8 down vs Week 3
10339159	---		0.000681513	-2.31127	Week 8 down vs Week 3
10561927	NM_007467 // Aplp1 // amyloid beta (A4) precursor-like protein 1 // 7 B1|7 8.0 c	Aplp1	3.15704E-05	-2.3099	Week 8 down vs Week 3
10344088	---		5.61344E-07	-2.30936	Week 8 down vs Week 3
10340991	---		0.00314424	-2.30931	Week 8 down vs Week 3
10341331	---		0.000194228	-2.3042	Week 8 down vs Week 3
10340023	---		8.97829E-05	-2.30331	Week 8 down vs Week 3
10466779	NM_008846 // Pip5k1b // phosphatidylinositol-4-phosphate 5-kinase, type 1 beta /	Pip5k1b	0.000219353	-2.30148	Week 8 down vs Week 3
10471882	NM_172854 // Olfml2a // olfactomedin-like 2A // 2 B // 241327 /// ENSMUST0000005	Olfml2a	3.01042E-06	-2.30121	Week 8 down vs Week 3
10344091	---		7.24502E-05	-2.30075	Week 8 down vs Week 3
10339346	---		9.96873E-08	-2.30033	Week 8 down vs Week 3
10339278	---		0.0103678	-2.2982	Week 8 down vs Week 3
10342844	---		1.83223E-06	-2.29756	Week 8 down vs Week 3
10572800	NM_008452 // Klf2 // Kruppel-like factor 2 (lung) // 8 C1 // 16598 /// ENSMUST00	Klf2	6.02222E-08	-2.29659	Week 8 down vs Week 3
10503259	NM_021897 // Trp53inp1 // transformation related protein 53 inducible nuclear pr	Trp53inp1	1.63477E-10	-2.29652	Week 8 down vs Week 3
10343149	---		1.84222E-09	-2.29286	Week 8 down vs Week 3
10501104	NM_172271 // Slc6a17 // solute carrier family 6 (neurotransmitter transporter),	Slc6a17	9.69314E-07	-2.29223	Week 8 down vs Week 3
10362073	NM_001161845 // Sgk1 // serum/glucocorticoid regulated kinase 1 // 10 A3 // 2039	Sgk1	2.5388E-08	-2.29218	Week 8 down vs Week 3
10343658	---		1.98354E-08	-2.29202	Week 8 down vs Week 3
10341722	---		1.51216E-08	-2.29196	Week 8 down vs Week 3
10338997	---		0.000108669	-2.29127	Week 8 down vs Week 3
10473384	NM_021398 // Slc43a3 // solute carrier family 43, member 3 // --- // 58207 /// E	Slc43a3	0.000014725	-2.28894	Week 8 down vs Week 3
10342936	---		6.68288E-05	-2.28856	Week 8 down vs Week 3
10424781	NM_023168 // Grina // glutamate receptor, ionotropic, N-methyl D-aspartate-assoc	Grina	4.31275E-07	-2.28792	Week 8 down vs Week 3
10507500	NM_008135 // Slc6a9 // solute carrier family 6 (neurotransmitter transporter, gl	Slc6a9	1.12232E-06	-2.28783	Week 8 down vs Week 3
10417176	NM_009574 // Zic2 // zinc finger protein of the cerebellum 2 // 14 E5|14 62.0 cM	Zic2	0.00021238	-2.28558	Week 8 down vs Week 3
10344557	---		5.60034E-06	-2.28505	Week 8 down vs Week 3
10338832	---		7.98354E-08	-2.28496	Week 8 down vs Week 3
10338786	---		0.000189689	-2.28453	Week 8 down vs Week 3
10493203	NM_020003 // 0610031J06Rik // RIKEN cDNA 0610031J06 gene // 3 F1 // 56700 /// EN	0610031J06Rik	2.18895E-10	-2.28364	Week 8 down vs Week 3
10340614	---		1.53577E-05	-2.28284	Week 8 down vs Week 3
10343186	---		3.53145E-05	-2.28019	Week 8 down vs Week 3
10517336	NM_013885 // Clic4 // chloride intracellular channel 4 (mitochondrial) // 4 D3 /	Clic4	8.30298E-06	-2.2785	Week 8 down vs Week 3
10343249	---		4.09847E-08	-2.27765	Week 8 down vs Week 3
10341734	---		0.000311254	-2.27607	Week 8 down vs Week 3
10560911	NM_010261 // Rabac1 // Rab acceptor 1 (prenylated) // 7 A3 // 14470 /// ENSMUST0	Rabac1	2.61061E-10	-2.2757	Week 8 down vs Week 3
10340596	---		4.62613E-05	-2.27566	Week 8 down vs Week 3
10595753	NM_011643 // Trpc1 // transient receptor potential cation channel, subfamily C,	Trpc1	1.37512E-06	-2.27537	Week 8 down vs Week 3
10580033	NM_011925 // Cd97 // CD97 antigen // 8 C2|8 38.0 cM // 26364 /// ENSMUST00000075	Cd97	6.36796E-05	-2.27503	Week 8 down vs Week 3
10342919	---		8.58344E-05	-2.27396	Week 8 down vs Week 3
10339605	---		0.000288018	-2.27382	Week 8 down vs Week 3
10340974	---		0.000059471	-2.26955	Week 8 down vs Week 3
10343744	---		7.66976E-07	-2.26608	Week 8 down vs Week 3
10342898	---		2.48822E-05	-2.26533	Week 8 down vs Week 3
10339539	---		1.78451E-05	-2.26516	Week 8 down vs Week 3
10427590	NM_148938 // Slc1a3 // solute carrier family 1 (glial high affinity glutamate tr	Slc1a3	0.00131786	-2.26254	Week 8 down vs Week 3
10339217	---		5.67305E-09	-2.2608	Week 8 down vs Week 3
10381115	NM_011508 // Eif1 // eukaryotic translation initiation factor 1 // 11 D // 20918	Eif1	1.5786E-11	-2.26055	Week 8 down vs Week 3
10588505	NM_029631 // Abhd14b // abhydrolase domain containing 14b // 9 F1 // 76491 /// E	Abhd14b	5.61782E-06	-2.26036	Week 8 down vs Week 3
10530841	NM_001159518 // Igfbp7 // insulin-like growth factor binding protein 7 // 5 C3.3	Igfbp7	0.000369878	-2.26028	Week 8 down vs Week 3
10344435	---		0.00086396	-2.25932	Week 8 down vs Week 3
10555736	NM_147093 // Olfr558 // olfactory receptor 558 // --- // 259097 /// ENSMUST00000	Olfr558	4.85493E-06	-2.25837	Week 8 down vs Week 3
10341958	---		0.00024835	-2.25735	Week 8 down vs Week 3
10426999	NM_009612 // Acvrl1 // activin A receptor, type II-like 1 // 15 F3 // 11482 ///	Acvrl1	9.48007E-07	-2.25711	Week 8 down vs Week 3
10470911	---		6.5145E-09	-2.25586	Week 8 down vs Week 3
10341986	---		6.97017E-07	-2.25491	Week 8 down vs Week 3
10431326	NM_133241 // Mlc1 // megalencephalic leukoencephalopathy with subcortical cysts	Mlc1	0.00246421	-2.25384	Week 8 down vs Week 3

10523766	NM_133897 // Lrrc8c // leucine rich repeat containing 8 family, member C // 5 E5	Lrrc8c	5.14024E-07	-2.25346	Week 8 down vs Week 3
10509163	NM_008321 // Id3 // inhibitor of DNA binding 3 // 4 D3|4 66.0 cM // 15903 /// EN	Id3	0.000094553	-2.25305	Week 8 down vs Week 3
10448836	NM_001001183 // Tmem204 // transmembrane protein 204 // 17 A3.3 // 407831 /// EN	Tmem204	4.74616E-06	-2.25252	Week 8 down vs Week 3
10342196	---		3.0114E-06	-2.251	Week 8 down vs Week 3
10342553	---		1.3509E-11	-2.24957	Week 8 down vs Week 3
10338964	---		4.53054E-06	-2.24937	Week 8 down vs Week 3
10373452	BC132471 // Gm129 // predicted gene 129 // 3 F2.1 // 229599 /// NM_001033302 //	Gm129	1.15672E-06	-2.24856	Week 8 down vs Week 3
10343952	---		0.000262182	-2.248	Week 8 down vs Week 3
10604072	NM_026055 // Rpl39 // ribosomal protein L39 // X F3 // 67248 /// ENSMUST00000038	Rpl39	8.26822E-09	-2.24659	Week 8 down vs Week 3
10436602	---		0.000013493	-2.24536	Week 8 down vs Week 3
10343886	---		6.01573E-05	-2.24472	Week 8 down vs Week 3
10338185	---		0.00267762	-2.24361	Week 8 down vs Week 3
10340668	---		3.2897E-06	-2.24321	Week 8 down vs Week 3
10542093	NM_021717 // Nrip2 // nuclear receptor interacting protein 2 // 6 F3 // 60345 //	Nrip2	1.94531E-08	-2.24279	Week 8 down vs Week 3
10343125	---		0.000135022	-2.24113	Week 8 down vs Week 3
10339621	---		0.000430244	-2.23835	Week 8 down vs Week 3
10338818	---		0.0013407	-2.23785	Week 8 down vs Week 3
10471216	NM_011836 // Lamc3 // laminin gamma 3 // 2 B // 23928 /// ENSMUST00000028187 //	Lamc3	7.29967E-05	-2.23621	Week 8 down vs Week 3
10340537	---		1.87389E-10	-2.23617	Week 8 down vs Week 3
10339979	---		6.2788E-07	-2.23531	Week 8 down vs Week 3
10340626	---		9.82538E-05	-2.23499	Week 8 down vs Week 3
10493189	BC040217 // Mef2d // myocyte enhancer factor 2D // 3 F1|3 43.0 cM // 17261	Mef2d	1.8705E-08	-2.23433	Week 8 down vs Week 3
10343450	---		0.000381131	-2.23318	Week 8 down vs Week 3
10381096	NM_010517 // Igfbp4 // insulin-like growth factor binding protein 4 // 11 D // 1	Igfbp4	0.000639412	-2.23258	Week 8 down vs Week 3
10339489	---		0.000121421	-2.23088	Week 8 down vs Week 3
10554574	NM_145375 // Tm6sf1 // transmembrane 6 superfamily member 1 // 7 D1 // 107769 //	Tm6sf1	4.70587E-05	-2.22982	Week 8 down vs Week 3
10565627	NM_175105 // Aqp11 // aquaporin 11 // 7 E2 // 66333 /// ENSMUST00000084986 // Aq	Aqp11	7.084E-11	-2.22973	Week 8 down vs Week 3
10438272	NM_011172 // Prodh // proline dehydrogenase // 16 A3|16 10.73 cM // 19125 /// EN	Prodh	1.35519E-10	-2.22961	Week 8 down vs Week 3
10342291	---		0.000262012	-2.22916	Week 8 down vs Week 3
10339145	---		4.30171E-06	-2.22749	Week 8 down vs Week 3
10339276	---		0.00065658	-2.22739	Week 8 down vs Week 3
10470283	NM_198724 // Egfl7 // EGF-like domain 7 // 2 B // 353156 /// NM_178444 // Egfl7	Egfl7	0.000676906	-2.22723	Week 8 down vs Week 3
10340483	---		5.44599E-05	-2.22666	Week 8 down vs Week 3
10404686	NM_007556 // Bmp6 // bone morphogenetic protein 6 // 13 A3.3|13 20.0 cM // 12161	Bmp6	1.01625E-06	-2.22497	Week 8 down vs Week 3
10338999	---		1.02615E-05	-2.22482	Week 8 down vs Week 3
10338687	---		1.0857E-06	-2.22459	Week 8 down vs Week 3
10574027	NM_013602 // Mt1 // metallothionein 1 // 8 C5|8 45.0 cM // 17748 /// ENSMUST0000	Mt1	1.27867E-08	-2.22306	Week 8 down vs Week 3
10338652	---		0.00503824	-2.22254	Week 8 down vs Week 3
10419874	NM_021551 // Slc22a17 // solute carrier family 22 (organic cation transporter),	Slc22a17	2.19857E-08	-2.22225	Week 8 down vs Week 3
10581664	NM_029646 // Il34 // interleukin 34 // 8 E1 // 76527 /// NM_001135100 // Il34 //	Il34	4.95017E-08	-2.22209	Week 8 down vs Week 3
10342894	---		1.33178E-05	-2.22196	Week 8 down vs Week 3
10527012	NM_008494 // Lfng // LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferas	Lfng	2.4111E-10	-2.21978	Week 8 down vs Week 3
10499529	NM_009057 // Rag1ap1 // recombination activating gene 1 activating protein 1 //	Rag1ap1	1.48E-13	-2.21977	Week 8 down vs Week 3
10600597	NM_175771 // Tmem47 // transmembrane protein 47 // X A7.2 // 192216 /// NM_13875	Tmem47	3.50461E-05	-2.21975	Week 8 down vs Week 3
10339258	---		5.43438E-05	-2.21973	Week 8 down vs Week 3
10360920	NM_009367 // Tgfb2 // transforming growth factor, beta 2 // 1 H5|1 101.5 cM // 2	Tgfb2	9.49599E-07	-2.21763	Week 8 down vs Week 3
10344232	---		0.00063595	-2.21714	Week 8 down vs Week 3
10343948	---		2.36693E-05	-2.21576	Week 8 down vs Week 3
10339840	---		1.83072E-05	-2.21556	Week 8 down vs Week 3
10341451	---		0.00387393	-2.21446	Week 8 down vs Week 3
10342706	---		0.000343894	-2.21338	Week 8 down vs Week 3
10339353	---		1.91346E-07	-2.21302	Week 8 down vs Week 3
10338653	---		5.07746E-05	-2.2113	Week 8 down vs Week 3
10430510	NM_172608 // Tmem184b // transmembrane protein 184b // 15 E1 // 223693 /// ENSMU	Tmem184b	6.40539E-08	-2.21111	Week 8 down vs Week 3
10471814	NM_177383 // Gpr21 // G protein-coupled receptor 21 // 2 B // 338346 /// ENSMUST	Gpr21	6.09623E-10	-2.21102	Week 8 down vs Week 3
10341810	---		8.32021E-05	-2.20998	Week 8 down vs Week 3
10560168	NM_007770 // Crx // cone-rod homeobox containing gene // 7 A2|7 8.5 cM // 12951	Crx	0.0167126	-2.20711	Week 8 down vs Week 3
10339094	---		1.31085E-05	-2.20689	Week 8 down vs Week 3
10340798	---		0.00263655	-2.20615	Week 8 down vs Week 3
10429140	NM_008681 // Ndrg1 // N-myc downstream regulated gene 1 // 15 D2 // 17988 /// EN	Ndrg1	8.12223E-05	-2.20484	Week 8 down vs Week 3
10338095	---		1.1048E-11	-2.20476	Week 8 down vs Week 3
10339933	---		1.57999E-05	-2.20404	Week 8 down vs Week 3
10342909	---		0.000231067	-2.20341	Week 8 down vs Week 3
10341522	---		0.000424397	-2.20321	Week 8 down vs Week 3
10343843	---		5.13226E-06	-2.20228	Week 8 down vs Week 3

10379389	NM_172133 // Adap2 // ArfGAP with dual PH domains 2 // 11 B5|11 47.24 cM // 2169	Adap2	1.77842E-07	-2.20193	Week 8 down vs Week 3
10340148	---		0.000675692	-2.20131	Week 8 down vs Week 3
10338181	---		0.00194451	-2.19666	Week 8 down vs Week 3
10390211	NM_009951 // Igf2bp1 // insulin-like growth factor 2 mRNA binding protein 1 // 1	Igf2bp1	3.08438E-10	-2.19571	Week 8 down vs Week 3
10340656	---		0.000377929	-2.19537	Week 8 down vs Week 3
10430968	NM_001004150 // A4galt // alpha 1,4-galactosyltransferase // 15 E1 // 239559 ///	A4galt	1.63591E-08	-2.19494	Week 8 down vs Week 3
10344545	---		0.000261818	-2.19474	Week 8 down vs Week 3
10343360	---		5.14373E-05	-2.19211	Week 8 down vs Week 3
10565422	NM_011661 // Tyr // tyrosinase // 7 D3-E1|7 44.0 cM // 22173 /// ENSMUST00000004	Tyr	0.0138362	-2.19145	Week 8 down vs Week 3
10340884	---		0.000041627	-2.1907	Week 8 down vs Week 3
10338418	---		9.78999E-05	-2.19034	Week 8 down vs Week 3
10341837	---		6.21957E-05	-2.18914	Week 8 down vs Week 3
10602372	NM_009653 // Alas2 // aminolevulinic acid synthase 2, erythroid // X F3|X 63.0 c	Alas2	1.13495E-10	-2.18844	Week 8 down vs Week 3
10344036	---		4.6165E-06	-2.18805	Week 8 down vs Week 3
10343761	---		6.50756E-06	-2.18724	Week 8 down vs Week 3
10458894	NM_010728 // Lox // lysyl oxidase // 18 D1|18 29.0 cM // 16948 /// ENSMUST000000	Lox	7.25788E-05	-2.1868	Week 8 down vs Week 3
10431974	NM_144850 // Rapgef3 // Rap guanine nucleotide exchange factor (GEF) 3 // 15 F1	Rapgef3	1.70052E-08	-2.18621	Week 8 down vs Week 3
10534667	NM_008871 // Serpine1 // serine (or cysteine) peptidase inhibitor, clade E, memb	Serpine1	2.51051E-09	-2.18589	Week 8 down vs Week 3
10341399	---		1.8062E-07	-2.18557	Week 8 down vs Week 3
10344119	---		4.30416E-06	-2.18469	Week 8 down vs Week 3
10342622	---		3.24726E-05	-2.18429	Week 8 down vs Week 3
10338086	---		2.46502E-05	-2.18425	Week 8 down vs Week 3
10419015	NM_130878 // Pcdh21 // protocadherin 21 // 14 B // 170677 /// ENSMUST00000022337	Pcdh21	0.00738903	-2.1826	Week 8 down vs Week 3
10546450	NM_175314 // Adamts9 // a disintegrin-like and metallopeptidase (reprolysin type	Adamts9	0.000120296	-2.18077	Week 8 down vs Week 3
10341181	---		0.0121282	-2.18058	Week 8 down vs Week 3
10338856	---		0.000160107	-2.17851	Week 8 down vs Week 3
10491191	NM_026517 // Rpl22l1 // ribosomal protein L22 like 1 // 3 A3 // 68028 /// ENSMUS	Rpl22l1	3.33796E-08	-2.17816	Week 8 down vs Week 3
10402708	NM_021273 // Ckb // creatine kinase, brain // 12 F1|12 55.0 cM // 12709 /// ENSM	Ckb	0.000449477	-2.17788	Week 8 down vs Week 3
10343455	---		0.00484629	-2.17743	Week 8 down vs Week 3
10342267	---		7.76356E-06	-2.17711	Week 8 down vs Week 3
10340360	---		6.19895E-05	-2.17685	Week 8 down vs Week 3
10594188	NM_013708 // Nr2e3 // nuclear receptor subfamily 2, group E, member 3 // 9 B|9 3	Nr2e3	0.0169754	-2.17512	Week 8 down vs Week 3
10490731	NM_009236 // Sox18 // SRY-box containing gene 18 // 2 H4|2 96.0 cM // 20672 ///	Sox18	3.7035E-07	-2.17507	Week 8 down vs Week 3
10578123	NM_019733 // Rbpms // RNA binding protein gene with multiple splicing // 8 A4 //	Rbpms	6.67394E-07	-2.17487	Week 8 down vs Week 3
10338957	---		1.89032E-05	-2.17465	Week 8 down vs Week 3
10343700	---		2.78112E-05	-2.17445	Week 8 down vs Week 3
10343188	---		2.48254E-05	-2.17414	Week 8 down vs Week 3
10338850	---		0.000199031	-2.1738	Week 8 down vs Week 3
10341392	---		0.000200899	-2.17305	Week 8 down vs Week 3
10489377	NM_012032 // Serinc3 // serine incorporator 3 // 2 H3 // 26943 /// ENSMUST000000	Serinc3	4.65126E-08	-2.17278	Week 8 down vs Week 3
10489253	NM_177263 // Zhx3 // zinc fingers and homeoboxes 3 // 2 H2 // 320799 /// ENSMUST	Zhx3	2.51595E-10	-2.17236	Week 8 down vs Week 3
10344264	---		2.09462E-05	-2.17177	Week 8 down vs Week 3
10343496	---		0.00023364	-2.16988	Week 8 down vs Week 3
10342215	---		5.79358E-06	-2.16882	Week 8 down vs Week 3
10517328	NM_027935 // Tmem50a // transmembrane protein 50A // 4 D3|4 65.71 cM // 71817 //	Tmem50a	4.0342E-11	-2.16878	Week 8 down vs Week 3
10340704	---		3.93876E-05	-2.16878	Week 8 down vs Week 3
10462084	---		1.54962E-05	-2.16761	Week 8 down vs Week 3
10343655	---		4.65392E-05	-2.16759	Week 8 down vs Week 3
10601857	NM_009750 // Ngfrap1 // nerve growth factor receptor (TNFRSF16) associated prote	Ngfrap1	3.03119E-10	-2.16752	Week 8 down vs Week 3
10574427	NM_011830 // Impdh2 // inosine 5'-phosphate dehydrogenase 2 // 9 F2 // 23918 ///	Impdh2	1.87121E-08	-2.16374	Week 8 down vs Week 3
10400635	NM_009093 // Rps29 // ribosomal protein S29 // --- // 20090 /// L31609 // Rps29	Rps29	7.43809E-10	-2.16303	Week 8 down vs Week 3
10339649	---		6.92479E-05	-2.1626	Week 8 down vs Week 3
10343762	---		0.00023103	-2.16171	Week 8 down vs Week 3
10344219	---		6.44551E-08	-2.16086	Week 8 down vs Week 3
10574259	NM_018882 // Gpr56 // G protein-coupled receptor 56 // 8 D1|8 45.0 cM // 14766 /	Gpr56	9.959E-12	-2.16066	Week 8 down vs Week 3
10342953	---		0.000311165	-2.16012	Week 8 down vs Week 3
10342854	---		0.000139881	-2.16004	Week 8 down vs Week 3
10460582	NR_024189 // AI837181 // expressed sequence AI837181 // 19 A // 107242 /// NM_13	AI837181	3.6731E-11	-2.15927	Week 8 down vs Week 3
10520388	NM_028234 // Prr8 // proline rich 8 // 5 B1 // 381626 /// ENSMUST00000114884 //	Prr8	2.73316E-10	-2.15816	Week 8 down vs Week 3
10341926	---		0.000146468	-2.15732	Week 8 down vs Week 3
10542738	ENSMUST00000111704 // Rassf8 // Ras association (RalGDS/AF-6) domain family (N-t	Rassf8	2.82698E-06	-2.15676	Week 8 down vs Week 3
10339784	---		0.000624337	-2.15638	Week 8 down vs Week 3
10427266	NM_026055 // Rpl39 // ribosomal protein L39 // X F3 // 67248 /// ENSMUST00000038	Rpl39	1.98949E-07	-2.15588	Week 8 down vs Week 3
10338663	---		0.00248863	-2.15545	Week 8 down vs Week 3
10461152	AK051045 // Snhg1 // small nucleolar RNA host gene (non-protein coding) 1 // 19	Snhg1	0.000514564	-2.15444	Week 8 down vs Week 3

10352918	BC058715 // C030002C11Rik // RIKEN cDNA C030002C11 gene // --- // 320977	C030002C11Rik	6.99312E-05	-2.15389	Week 8 down vs Week 3
10342691	---		3.31202E-05	-2.15308	Week 8 down vs Week 3
10401244	NM_134156 // Actn1 // actinin, alpha 1 // 12 C3|12 35.0 cM // 109711 /// ENSMUST	Actn1	5.9744E-06	-2.15123	Week 8 down vs Week 3
10344109	---		0.000015682	-2.15101	Week 8 down vs Week 3
10340402	---		4.46282E-06	-2.15087	Week 8 down vs Week 3
10338543	---		9.78271E-05	-2.15074	Week 8 down vs Week 3
10343009	---		0.0181885	-2.14992	Week 8 down vs Week 3
10490126	NM_009093 // Rps29 // ribosomal protein S29 // --- // 20090 /// L31609 // Rps29	Rps29	6.32305E-10	-2.14922	Week 8 down vs Week 3
10341197	---		0.00190711	-2.14916	Week 8 down vs Week 3
10423556	NM_018755 // Pgcp // plasma glutamate carboxypeptidase // 15 B3.2 // 54381 /// N	Pgcp	3.67337E-06	-2.1461	Week 8 down vs Week 3
10338654	---		1.34208E-07	-2.14433	Week 8 down vs Week 3
10569972	NM_026058 // Lass4 // LAG1 homolog, ceramide synthase 4 // 8 A1.2 // 67260 /// E	Lass4	0.000147184	-2.14372	Week 8 down vs Week 3
10444352	NM_010929 // Notch4 // Notch gene homolog 4 (Drosophila) // 17 B1|17 18.72 cM //	Notch4	8.58915E-06	-2.14366	Week 8 down vs Week 3
10539873	NM_008090 // Gata2 // GATA binding protein 2 // 6 D1|6 38.5 cM // 14461 /// ENSM	Gata2	1.63258E-07	-2.14294	Week 8 down vs Week 3
10549495	NM_009093 // Rps29 // ribosomal protein S29 // --- // 20090 /// L31609 // Rps29	Rps29	1.3064E-09	-2.14281	Week 8 down vs Week 3
10493484	NM_025327 // Krtcap2 // keratinocyte associated protein 2 // 3 F2 // 66059 /// E	Krtcap2	1.452E-12	-2.14264	Week 8 down vs Week 3
10338277	---		3.08913E-06	-2.142	Week 8 down vs Week 3
10340940	---		3.34586E-06	-2.14159	Week 8 down vs Week 3
10338115	---		0.00856965	-2.14056	Week 8 down vs Week 3
10340630	---		1.47437E-08	-2.13936	Week 8 down vs Week 3
10510700	NM_178406 // Gpr153 // G protein-coupled receptor 153 // 4 E2 // 100129 /// ENSM	Gpr153	1.55678E-07	-2.13716	Week 8 down vs Week 3
10342516	---		0.0011425	-2.13659	Week 8 down vs Week 3
10472350	NM_145523 // Gca // grancalcin // 2 C1.3 // 227960 /// ENSMUST00000028257 // Gca	Gca	1.7465E-06	-2.13645	Week 8 down vs Week 3
10338865	---		2.83004E-09	-2.13541	Week 8 down vs Week 3
10343037	---		3.79584E-06	-2.13284	Week 8 down vs Week 3
10340088	---		0.000110075	-2.13235	Week 8 down vs Week 3
10338891	---		0.000034768	-2.12633	Week 8 down vs Week 3
10340297	---		6.00815E-05	-2.1263	Week 8 down vs Week 3
10340803	---		0.000471644	-2.12546	Week 8 down vs Week 3
10403842	NM_080288 // Elmo1 // engulfment and cell motility 1, ced-12 homolog (C. elegans	Elmo1	7.06399E-06	-2.12496	Week 8 down vs Week 3
10338470	---		0.000054073	-2.12435	Week 8 down vs Week 3
10598491	ENSMUST00000086274 // Gm10490 // predicted gene 10490 // --- // 100038473	Gm10490	1.24339E-09	-2.12322	Week 8 down vs Week 3
10408689	NM_153529 // Nrn1 // neuritin 1 // 13 A3.3 // 68404 /// ENSMUST00000037623 // Nr	Nrn1	1.33366E-05	-2.12275	Week 8 down vs Week 3
10543921	NM_172892 // Slc13a4 // solute carrier family 13 (sodium/sulfate symporters), me	Slc13a4	0.00106243	-2.12194	Week 8 down vs Week 3
10339598	---		0.000342213	-2.12076	Week 8 down vs Week 3
10340922	---		0.00158915	-2.12075	Week 8 down vs Week 3
10339388	---		5.99512E-05	-2.12003	Week 8 down vs Week 3
10342496	---		7.4581E-10	-2.11943	Week 8 down vs Week 3
10571815	NM_153581 // Gpm6a // glycoprotein m6a // 8 B3.2 // 234267 /// ENSMUST0000003391	Gpm6a	0.00226535	-2.11661	Week 8 down vs Week 3
10490384	NM_001081171 // Lama5 // laminin, alpha 5 // 2 H4|2 106.0 cM // 16776 /// ENSMUS	Lama5	1.9527E-11	-2.11601	Week 8 down vs Week 3
10344528	---		1.58074E-05	-2.11541	Week 8 down vs Week 3
10341877	---		0.000119081	-2.11413	Week 8 down vs Week 3
10344471	---		1.62451E-05	-2.114	Week 8 down vs Week 3
10549594	NM_021324 // Ttyh1 // tweety homolog 1 (Drosophila) // 7 A1 // 57776 /// NM_0010	Ttyh1	0.00253158	-2.11376	Week 8 down vs Week 3
10591614	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	0.000169738	-2.11205	Week 8 down vs Week 3
10343852	---		0.000610072	-2.11191	Week 8 down vs Week 3
10455112	NM_053142 // Pcdhb17 // protocadherin beta 17 // 18 B3 // 93888 /// ENSMUST00000	Pcdhb17	1.21575E-07	-2.11172	Week 8 down vs Week 3
10339250	---		2.65856E-05	-2.11104	Week 8 down vs Week 3
10569344	NM_001122737 // Igf2 // insulin-like growth factor 2 // 7 F5|7 69.09 cM // 16002	Igf2	0.000591827	-2.11056	Week 8 down vs Week 3
10342925	---		5.40976E-07	-2.11013	Week 8 down vs Week 3
10338156	---		1.32883E-05	-2.11	Week 8 down vs Week 3
10564290	NM_021366 // Klf13 // Kruppel-like factor 13 // 7 C // 50794 /// ENSMUST00000063	Klf13	2.89767E-10	-2.10815	Week 8 down vs Week 3
10598359	NM_009305 // Syp // synaptophysin // X A-D|X 1.5 cM // 20977 /// ENSMUST00000069	Syp	0.0176889	-2.10786	Week 8 down vs Week 3
10340768	---		0.000219644	-2.10677	Week 8 down vs Week 3
10558948	NM_009842 // Cd151 // CD151 antigen // 7 F5|7 23.5 cM // 12476 /// NM_001111050	Cd151	3.61659E-10	-2.10584	Week 8 down vs Week 3
10520638	NM_027855 // 0610007C21Rik // RIKEN cDNA 0610007C21 gene // 5 B1 // 381629 /// N	0610007C21Rik	1.42922E-10	-2.10423	Week 8 down vs Week 3
10343511	---		0.000960756	-2.10385	Week 8 down vs Week 3
10342475	---		0.000403991	-2.10372	Week 8 down vs Week 3
10548043	NM_145983 // Kcna5 // potassium voltage-gated channel, shaker-related subfamily,	Kcna5	1.97203E-05	-2.10308	Week 8 down vs Week 3
10338266	---		3.61736E-07	-2.10306	Week 8 down vs Week 3
10452729	BC046516 // BC027072 // cDNA sequence BC027072 // 17 E1.3 // 225004 /// BC060373	BC027072	0.00189823	-2.10293	Week 8 down vs Week 3
10340782	---		0.00281699	-2.1025	Week 8 down vs Week 3
10338389	---		7.29958E-05	-2.10236	Week 8 down vs Week 3
10479362	NM_025587 // Rps21 // ribosomal protein S21 // 2 H4 // 66481 /// ENSMUST00000059	Rps21	5.2567E-11	-2.10111	Week 8 down vs Week 3
10504424	NM_016678 // Reck // reversion-inducing-cysteine-rich protein with kazal motifs	Reck	0.000800609	-2.10099	Week 8 down vs Week 3

10341148	---		0.001641	-2.09941	Week 8 down vs Week 3
10340173	---		7.20408E-05	-2.09815	Week 8 down vs Week 3
10340080	---		0.000972506	-2.09806	Week 8 down vs Week 3
10343619	---		0.00020931	-2.09803	Week 8 down vs Week 3
10339655	---		1.12956E-05	-2.09786	Week 8 down vs Week 3
10339022	---		0.00023623	-2.09759	Week 8 down vs Week 3
10339475	---		1.01695E-10	-2.09683	Week 8 down vs Week 3
10493114	NM_016701 // Nes // nestin // 3 F1|3 42.5 cM // 18008 /// ENSMUST00000090973 //	Nes	4.51346E-07	-2.09612	Week 8 down vs Week 3
10399360	NM_007483 // Rhob // ras homolog gene family, member B // 12 A1.1 // 11852 /// E	Rhob	7.16385E-09	-2.0957	Week 8 down vs Week 3
10500938	NM_009520 // Wnt2b // wingless related MMTV integration site 2b // 3 F2.2|3 49.0	Wnt2b	7.6727E-07	-2.09497	Week 8 down vs Week 3
10343590	---		4.17755E-08	-2.09494	Week 8 down vs Week 3
10572070	NM_010934 // Npy1r // neuropeptide Y receptor Y1 // 8 B3-C2|8 33.0 cM // 18166 /	Npy1r	5.44861E-05	-2.09447	Week 8 down vs Week 3
10340846	---		0.000642853	-2.09427	Week 8 down vs Week 3
10343251	---		5.1135E-06	-2.09232	Week 8 down vs Week 3
10453747	NM_130449 // Colec12 // collectin sub-family member 12 // 18 A1 // 140792 /// EN	Colec12	0.000344715	-2.09157	Week 8 down vs Week 3
10339497	---		4.44684E-05	-2.091	Week 8 down vs Week 3
10339128	---		0.000192806	-2.09068	Week 8 down vs Week 3
10338489	---		0.000075986	-2.09041	Week 8 down vs Week 3
10383353	NM_145363 // Tspan10 // tetraspanin 10 // 11 E2 // 208634 /// ENSMUST00000106212	Tspan10	0.000151257	-2.09038	Week 8 down vs Week 3
10343793	---		4.91271E-06	-2.0885	Week 8 down vs Week 3
10527423	NM_001081362 // Trrap // transformation/transcription domain-associated protein	Trrap	8.674E-12	-2.08804	Week 8 down vs Week 3
10343211	---		2.34399E-05	-2.08692	Week 8 down vs Week 3
10341470	---		0.000320505	-2.08655	Week 8 down vs Week 3
10341078	---		1.96121E-07	-2.08637	Week 8 down vs Week 3
10606609	NM_019656 // Tspan6 // tetraspanin 6 // X E3 // 56496 /// ENSMUST00000087557 //	Tspan6	0.000486647	-2.08541	Week 8 down vs Week 3
10340540	---		0.000174692	-2.08502	Week 8 down vs Week 3
10339620	---		9.37933E-08	-2.08437	Week 8 down vs Week 3
10342932	---		6.45871E-08	-2.08369	Week 8 down vs Week 3
10340325	---		3.52405E-05	-2.08362	Week 8 down vs Week 3
10343387	---		6.69821E-05	-2.08323	Week 8 down vs Week 3
10485070	NM_010784 // Mdk // midkine // 2 E1|2 53.0 cM // 17242 /// NM_001012335 // Mdk /	Mdk	9.90533E-06	-2.0829	Week 8 down vs Week 3
10340917	---		0.00016033	-2.08198	Week 8 down vs Week 3
10341854	---		2.99647E-05	-2.08188	Week 8 down vs Week 3
10445496	NM_145353 // Yipf3 // Yip1 domain family, member 3 // 17 C|17 24.0 cM // 28064 /	Yipf3	6.5E-14	-2.08108	Week 8 down vs Week 3
10340825	---		1.54196E-09	-2.08106	Week 8 down vs Week 3
10342284	---		2.92223E-05	-2.08056	Week 8 down vs Week 3
10342202	---		0.00438605	-2.0805	Week 8 down vs Week 3
10534718	NM_011639 // Trip6 // thyroid hormone receptor interactor 6 // 5 G2 // 22051 ///	Trip6	9.501E-11	-2.07971	Week 8 down vs Week 3
10340051	---		0.00078901	-2.07958	Week 8 down vs Week 3
10342205	---		0.000421401	-2.07947	Week 8 down vs Week 3
10378409	---		9.19916E-06	-2.07896	Week 8 down vs Week 3
10343277	---		4.23634E-05	-2.07885	Week 8 down vs Week 3
10519527	NM_011076 // Abcb1a // ATP-binding cassette, sub-family B (MDR/TAP), member 1A /	Abcb1a	0.00123744	-2.07877	Week 8 down vs Week 3
10565434	NM_026533 // Rps13 // ribosomal protein S13 // 7 E1 // 68052 /// BC090397 // Rps	Rps13	1.37848E-08	-2.07715	Week 8 down vs Week 3
10341952	---		0.000091813	-2.07673	Week 8 down vs Week 3
10341230	---		3.76757E-05	-2.07586	Week 8 down vs Week 3
10344330	---		0.000118733	-2.07493	Week 8 down vs Week 3
10341412	---		0.000290246	-2.07472	Week 8 down vs Week 3
10339491	---		0.010428	-2.07324	Week 8 down vs Week 3
10341474	---		1.39801E-05	-2.07314	Week 8 down vs Week 3
10343182	---		6.82761E-09	-2.07267	Week 8 down vs Week 3
10339264	---		4.22558E-05	-2.06955	Week 8 down vs Week 3
10342830	---		0.000187811	-2.06842	Week 8 down vs Week 3
10591630	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	0.000152679	-2.06745	Week 8 down vs Week 3
10417912	NM_030180 // Usp54 // ubiquitin specific peptidase 54 // 14 A3 // 78787 /// ENSM	Usp54	7.61E-12	-2.06621	Week 8 down vs Week 3
10341824	---		0.00181233	-2.06605	Week 8 down vs Week 3
10492628	NM_009250 // Serpini1 // serine (or cysteine) peptidase inhibitor, clade I, memb	Serpini1	0.000158189	-2.06511	Week 8 down vs Week 3
10342109	---		0.00308806	-2.06508	Week 8 down vs Week 3
10339211	---		0.00143288	-2.06503	Week 8 down vs Week 3
10339912	---		0.000407209	-2.06491	Week 8 down vs Week 3
10338362	---		0.0015511	-2.06421	Week 8 down vs Week 3
10595306	NM_022016 // Impg1 // interphotoreceptor matrix proteoglycan 1 // 9 E1|9 42.5 cM	Impg1	0.00889072	-2.06391	Week 8 down vs Week 3
10606735	NM_026139 // Armcx2 // armadillo repeat containing, X-linked 2 // X E3 // 67416	Armcx2	1.37222E-06	-2.05972	Week 8 down vs Week 3
10498952	NM_021896 // Gucy1a3 // guanylate cyclase 1, soluble, alpha 3 // 3 E3 // 60596 /	Gucy1a3	0.00244807	-2.05954	Week 8 down vs Week 3
10340953	---		0.00263132	-2.0592	Week 8 down vs Week 3

10364280	NM_145925 // Pttg1ip // pituitary tumor-transforming 1 interacting protein // 10	Pttg1ip	2.12365E-06	-2.05901	Week 8 down vs Week 3
10341624	---		0.00238394	-2.0587	Week 8 down vs Week 3
10471833	NM_010710 // Lhx2 // LIM homeobox protein 2 // 2 B // 16870 /// ENSMUST000000002	Lhx2	5.3973E-07	-2.05832	Week 8 down vs Week 3
10601846	NR_003642 // 2900062L11Rik // signal peptidase complex subunit 3 homolog pseudog	2900062L11Rik	0.000150932	-2.05631	Week 8 down vs Week 3
10338659	---		4.39264E-06	-2.0558	Week 8 down vs Week 3
10584288	NM_028783 // Robo4 // roundabout homolog 4 (Drosophila) // 9 A4 // 74144 /// ENS	Robo4	1.98956E-05	-2.05536	Week 8 down vs Week 3
10521134	NM_009093 // Rps29 // ribosomal protein S29 // --- // 20090 /// L31609 // Rps29	Rps29	4.84238E-10	-2.05525	Week 8 down vs Week 3
10338264	---		0.00149803	-2.05525	Week 8 down vs Week 3
10342124	---		0.000360003	-2.05486	Week 8 down vs Week 3
10454286	NM_153058 // Mapre2 // microtubule-associated protein, RP/EB family, member 2 //	Mapre2	4.19787E-08	-2.05446	Week 8 down vs Week 3
10338303	---		0.00283005	-2.05382	Week 8 down vs Week 3
10601844	NM_198161 // Bhlhb9 // basic helix-loop-helix domain containing, class B9 // X F	Bhlhb9	9.5133E-07	-2.05367	Week 8 down vs Week 3
10344416	---		1.1556E-06	-2.05336	Week 8 down vs Week 3
10410931	NM_001081249 // Vcan // versican // 13 C3|13 55.0 cM // 13003 /// NM_019389 // V	Vcan	0.000143532	-2.0532	Week 8 down vs Week 3
10343702	---		0.00489777	-2.05258	Week 8 down vs Week 3
10343154	---		0.000100338	-2.05203	Week 8 down vs Week 3
10544932	NM_009349 // Inmt // indolethylamine N-methyltransferase // 6 B3 // 21743 /// EN	Inmt	0.00454513	-2.05172	Week 8 down vs Week 3
10417734	NM_011584 // Nr1d2 // nuclear receptor subfamily 1, group D, member 2 // 14 A2 /	Nr1d2	9.15E-13	-2.05116	Week 8 down vs Week 3
10446763	NM_029999 // Lbh // limb-bud and heart // --- // 77889 /// BC052470 // Lbh // li	Lbh	2.34371E-05	-2.04995	Week 8 down vs Week 3
10342442	---		1.62238E-05	-2.04944	Week 8 down vs Week 3
10340781	---		1.62253E-06	-2.0493	Week 8 down vs Week 3
10340151	---		0.000279058	-2.04919	Week 8 down vs Week 3
10341234	---		1.04728E-05	-2.04852	Week 8 down vs Week 3
10339097	---		3.10363E-07	-2.04745	Week 8 down vs Week 3
10432746	NM_133357 // Krt75 // keratin 75 // 15 F2|15 58.75 cM // 109052 /// ENSMUST00000	Krt75	0.000594149	-2.04651	Week 8 down vs Week 3
10413710	NM_027289 // Nt5dc2 // 5'-nucleotidase domain containing 2 // 14 B // 70021 ///	Nt5dc2	1.78577E-05	-2.04533	Week 8 down vs Week 3
10339692	---		5.27514E-05	-2.04532	Week 8 down vs Week 3
10341454	---		0.00582685	-2.04501	Week 8 down vs Week 3
10340479	---		9.24975E-06	-2.04477	Week 8 down vs Week 3
10576586	NM_175434 // Slc35f3 // solute carrier family 35, member F3 // 8 E2 // 210027 //	Slc35f3	1.72311E-07	-2.04309	Week 8 down vs Week 3
10476401	NM_019677 // Plcb1 // phospholipase C, beta 1 // 2 F3|2 76.7 cM // 18795 /// NM_	Plcb1	1.76711E-09	-2.04262	Week 8 down vs Week 3
10340437	---		0.000161746	-2.04155	Week 8 down vs Week 3
10339773	---		0.000195844	-2.04098	Week 8 down vs Week 3
10548105	NM_009829 // Ccnd2 // cyclin D2 // 6 F3|6 61.1 cM // 12444 /// ENSMUST0000000018	Ccnd2	7.74192E-07	-2.04091	Week 8 down vs Week 3
10442495	NM_013630 // Pkd1 // polycystic kidney disease 1 homolog // 17 A3.3|17 10.4 cM /	Pkd1	1.13283E-05	-2.04076	Week 8 down vs Week 3
10339600	---		3.47287E-05	-2.04076	Week 8 down vs Week 3
10339984	---		0.000128331	-2.0403	Week 8 down vs Week 3
10344100	---		1.23263E-06	-2.0402	Week 8 down vs Week 3
10395252	NM_001162903 // 2010109K11Rik // RIKEN cDNA 2010109K11 gene // 12 A3 // 72123 //	2010109K11Rik	8.46196E-10	-2.04018	Week 8 down vs Week 3
10343512	---		2.38558E-05	-2.03997	Week 8 down vs Week 3
10338851	---		2.11853E-06	-2.03994	Week 8 down vs Week 3
10339493	---		0.000131536	-2.0395	Week 8 down vs Week 3
10442968	NM_001081069 // Rgs11 // regulator of G-protein signaling 11 // 17 A3.3 // 50782	Rgs11	5.80765E-08	-2.03905	Week 8 down vs Week 3
10465772	NM_008577 // Slc3a2 // solute carrier family 3 (activators of dibasic and neutra	Slc3a2	1.72239E-07	-2.03866	Week 8 down vs Week 3
10344501	---		0.011716	-2.03777	Week 8 down vs Week 3
10338788	---		0.000447156	-2.03754	Week 8 down vs Week 3
10339340	---		0.00456096	-2.03699	Week 8 down vs Week 3
10440513	NM_144853 // Cyyr1 // cysteine and tyrosine-rich protein 1 // 16 C3.3|16 56.2 cM	Cyyr1	0.000534647	-2.03649	Week 8 down vs Week 3
10344837	NM_029525 // Prex2 // phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exc	Prex2	0.000107543	-2.03617	Week 8 down vs Week 3
10344508	---		0.000260273	-2.03556	Week 8 down vs Week 3
10339306	---		8.7276E-06	-2.03514	Week 8 down vs Week 3
10339652	---		1.43217E-05	-2.03438	Week 8 down vs Week 3
10415132	NM_026066 // Cmtm5 // CKLF-like MARVEL transmembrane domain containing 5 // 14 C	Cmtm5	7.9318E-06	-2.03362	Week 8 down vs Week 3
10342848	---		0.000108728	-2.03352	Week 8 down vs Week 3
10338545	---		2.18961E-06	-2.03297	Week 8 down vs Week 3
10339629	---		1.59102E-05	-2.03263	Week 8 down vs Week 3
10573693	NM_026533 // Rps13 // ribosomal protein S13 // 7 E1 // 68052 /// BC090397 // Rps	Rps13	5.67311E-08	-2.03181	Week 8 down vs Week 3
10340818	---		0.00120182	-2.03168	Week 8 down vs Week 3
10453390	NR_015385 // Six3os1 // Six3 opposite strand transcript 1 // 17 E4 // 100043902	Six3os1	5.63648E-07	-2.03123	Week 8 down vs Week 3
10438626	NM_023794 // Etv5 // ets variant gene 5 // 16 B1 // 104156 /// ENSMUST0000007960	Etv5	9.16452E-09	-2.03117	Week 8 down vs Week 3
10376196	NM_008248 // Hint1 // histidine triad nucleotide binding protein 1 // 11 B1.3 //	Hint1	5.317E-11	-2.0311	Week 8 down vs Week 3
10341835	---		0.000572131	-2.03074	Week 8 down vs Week 3
10494445	ENSMUST00000062058 // Lix1l // Lix1-like // 3 F2.1 // 280411	Lix1l	0.000335464	-2.03055	Week 8 down vs Week 3
10340792	---		0.00641831	-2.03016	Week 8 down vs Week 3
10344465	---		0.00327363	-2.02977	Week 8 down vs Week 3

10470027	NM_008721 // Npdc1 // neural proliferation, differentiation and control gene 1 /	Npdc1	2.98101E-08	-2.02974	Week 8 down vs Week 3
10347036	NM_001039934 // Mtap2 // microtubule-associated protein 2 // 1 C3|1 33.7 cM // 1	Mtap2	0.00102752	-2.02965	Week 8 down vs Week 3
10344717	---		5.53294E-09	-2.029	Week 8 down vs Week 3
10341739	---		1.08622E-05	-2.02871	Week 8 down vs Week 3
10396270	NM_021532 // Dact1 // dapper homolog 1, antagonist of beta-catenin (xenopus) //	Dact1	7.78993E-05	-2.02864	Week 8 down vs Week 3
10338169	---		0.00708057	-2.02863	Week 8 down vs Week 3
10547386	NM_197985 // Adipor2 // adiponectin receptor 2 // 6 F1 // 68465 /// ENSMUST00000	Adipor2	1.29691E-10	-2.02858	Week 8 down vs Week 3
10404404	NM_010225 // Foxf2 // forkhead box F2 // 13 A4 // 14238 /// ENSMUST00000042054 /	Foxf2	0.000766597	-2.02813	Week 8 down vs Week 3
10360789	NM_007853 // Degs1 // degenerative spermatocyte homolog 1 (Drosophila) // 1 H5 /	Degs1	5.50474E-05	-2.02602	Week 8 down vs Week 3
10339091	---		0.00149736	-2.026	Week 8 down vs Week 3
10469322	NM_011701 // Vim // vimentin // 2 A2|2 7.0 cM // 22352 /// ENSMUST00000028062 //	Vim	0.000156907	-2.02459	Week 8 down vs Week 3
10341783	---		0.000402067	-2.02406	Week 8 down vs Week 3
10339291	---		2.6512E-07	-2.02386	Week 8 down vs Week 3
10344079	---		0.000024118	-2.02339	Week 8 down vs Week 3
10451993	NM_080837 // D17Wsu104e // DNA segment, Chr 17, Wayne State University 104, expr	D17Wsu104e	1.11279E-07	-2.02252	Week 8 down vs Week 3
10342182	---		0.000147391	-2.02087	Week 8 down vs Week 3
10591967	NM_023277 // Jam3 // junction adhesion molecule 3 // 9 A4 // 83964 /// ENSMUST00	Jam3	8.74858E-06	-2.02078	Week 8 down vs Week 3
10452257	NM_025877 // Slc25a23 // solute carrier family 25 (mitochondrial carrier; phosph	Slc25a23	2.04184E-08	-2.01921	Week 8 down vs Week 3
10344080	---		0.000944776	-2.0183	Week 8 down vs Week 3
10338281	---		3.71558E-06	-2.01745	Week 8 down vs Week 3
10447591	NM_008049 // Ftl2 // ferritin light chain 2 // 4 D2.2 // 14337 /// NM_010240 //	Ftl2	7.51247E-06	-2.01741	Week 8 down vs Week 3
10523670	NM_001080798 // Aff1 // AF4/FMR2 family, member 1 // 5 E|5 56.0 cM // 17355 ///	Aff1	2.12105E-08	-2.0166	Week 8 down vs Week 3
10375137	NM_031169 // Kcnmb1 // potassium large conductance calcium-activated channel, su	Kcnmb1	6.92247E-07	-2.01557	Week 8 down vs Week 3
10382104	---		1.33823E-06	-2.01494	Week 8 down vs Week 3
10408359	NM_009513 // Nrsn1 // neurensin 1 // 13 A3.1 // 22360 /// ENSMUST00000057866 //	Nrsn1	0.000590012	-2.01447	Week 8 down vs Week 3
10339732	---		1.15471E-05	-2.01376	Week 8 down vs Week 3
10378240	NM_008771 // P2rx1 // purinergic receptor P2X, ligand-gated ion channel, 1 // 11	P2rx1	3.10373E-06	-2.01341	Week 8 down vs Week 3
10342616	---		0.000784553	-2.01296	Week 8 down vs Week 3
10342699	---		0.00966576	-2.01295	Week 8 down vs Week 3
10338813	---		5.91086E-06	-2.01274	Week 8 down vs Week 3
10339272	---		1.89831E-05	-2.01264	Week 8 down vs Week 3
10483719	NM_001113246 // Chn1 // chimerin (chimaerin) 1 // 2 C3 // 108699 /// NM_175752 /	Chn1	0.000135355	-2.012	Week 8 down vs Week 3
10515960	NM_001081142 // Kcnq4 // potassium voltage-gated channel, subfamily Q, member 4	Kcnq4	2.02439E-05	-2.01034	Week 8 down vs Week 3
10591612	NM_177030 // Dock6 // dedicator of cytokinesis 6 // 9 A3 // 319899 /// ENSMUST00	Dock6	0.000015863	-2.00964	Week 8 down vs Week 3
10338287	---		8.50318E-05	-2.00922	Week 8 down vs Week 3
10532993	NM_007748 // Cox6a1 // cytochrome c oxidase, subunit VI a, polypeptide 1 // 5 F|	Cox6a1	1.02844E-08	-2.00862	Week 8 down vs Week 3
10341632	---		7.76997E-07	-2.00827	Week 8 down vs Week 3
10344059	---		6.57487E-05	-2.00806	Week 8 down vs Week 3
10341290	---		9.58426E-05	-2.00784	Week 8 down vs Week 3
10342842	---		0.000932934	-2.0067	Week 8 down vs Week 3
10489872	NM_008420 // Kcnb1 // potassium voltage gated channel, Shab-related subfamily, m	Kcnb1	0.00096023	-2.00385	Week 8 down vs Week 3
10489912	NM_145538 // Tmem189 // transmembrane protein 189 // 2 H3 // 407243 /// ENSMUST0	Tmem189	1.2961E-09	-2.0035	Week 8 down vs Week 3
10381122	NM_010221 // Fkbp10 // FK506 binding protein 10 // 11 D|11 58.0 cM // 14230 ///	Fkbp10	4.99832E-05	-2.00318	Week 8 down vs Week 3
10400948	NM_029444 // Six6os1 // Six6 opposite strand transcript 1 // 12 C3 // 75801 ///	Six6os1	0.000631768	-2.00256	Week 8 down vs Week 3
10339238	---		0.000749511	-2.00248	Week 8 down vs Week 3
10350136	NM_007791 // Csrp1 // cysteine and glycine-rich protein 1 // 1 E4 // 13007 /// E	Csrp1	5.94207E-06	-2.00127	Week 8 down vs Week 3
10338146	---		1.86758E-07	-2.0007	Week 8 down vs Week 3
10343835	---		0.000032929	-2.00056	Week 8 down vs Week 3
10492300	NM_023383 // Aadac // arylacetamide deacetylase (esterase) // 3 D // 67758 /// E	Aadac	7.85144E-08	2.00106	Week 8 up vs Week 3
10343328	---		2.08957E-05	2.00113	Week 8 up vs Week 3
10568863	---		2.71631E-08	2.0029	Week 8 up vs Week 3
10547621	NM_031159 // Apobec1 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec1	1.62695E-07	2.00293	Week 8 up vs Week 3
10349157	NM_011111 // Serpinb2 // serine (or cysteine) peptidase inhibitor, clade B, memb	Serpinb2	3.84381E-05	2.00338	Week 8 up vs Week 3
10342822	---		0.00407137	2.00419	Week 8 up vs Week 3
10510112	NM_001034101 // Gm13119 // predicted gene 13119 // 4 E1 // 433779 /// NM_0011137	Gm13119	0.000010506	2.00488	Week 8 up vs Week 3
10536118			3.33628E-05	2.00537	Week 8 up vs Week 3
10442292	NM_001104578 // Vmn2r113 // vomeronasal 2, receptor 113 // 17 A3.3 // 434701	Vmn2r113	6.1297E-07	2.00726	Week 8 up vs Week 3
10338835	---		0.000753642	2.0083	Week 8 up vs Week 3
10343523	---		0.000220678	2.00884	Week 8 up vs Week 3
10345436	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10346222	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10356762	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10357298	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10359642	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10363005	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3

10363561	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10374183	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10374352	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10375324	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10395275	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10410927	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10416696	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10416698	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10422247	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10424377	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10427389	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10448230	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10457667	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10468487	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10469127	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10476399	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10478746	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10483161	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10484355	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10485355	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10489721	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10496167	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10496336	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10497327	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10500527	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10512463	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10522742	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10527425	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10528165	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10528205	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10540531	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10541129	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10543029	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10565598	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10568534	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10574432	XM_001480931 // Gm4638 // predicted gene 4638 // 14 D3|14 // 100043775 /// XM_00	Gm4638	0.00036301	2.0091	Week 8 up vs Week 3
10574434	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10581009	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10582983	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10586863	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10589974	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10603549	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10603803	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10607429	X16670 // LOC280487 // pol polyprotein // 13 A3.1 // 280487	LOC280487	0.00036301	2.0091	Week 8 up vs Week 3
10603698	AJ319753 // Gm1549 // predicted gene 1549 // X A1.1 // 260300 /// ENSMUST0000005	Gm1549	2.56837E-07	2.00922	Week 8 up vs Week 3
10338276	---		0.000024931	2.01202	Week 8 up vs Week 3
10447935	XM_972876 // Gm7356 // predicted gene 7356 // 17 A2 // 664821 /// XM_972968 // G	Gm7356	6.70546E-07	2.01248	Week 8 up vs Week 3
10538781	AF037047 // Gm8479 // thiopurine S-methyltransferase pseudogene // 6 C1|6 // 667	Gm8479	8.793E-07	2.01371	Week 8 up vs Week 3
10560795	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20686	V1rd14	0.000055332	2.01411	Week 8 up vs Week 3
10375173	---		0.00144713	2.01416	Week 8 up vs Week 3
10496425	NM_009626 // Adh7 // alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide	Adh7	0.00502971	2.01486	Week 8 up vs Week 3
10603986	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00246502	2.0154	Week 8 up vs Week 3
10604023	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00246502	2.0154	Week 8 up vs Week 3
10564015	---		0.000941766	2.01716	Week 8 up vs Week 3
10563989	---		0.00145489	2.01735	Week 8 up vs Week 3
10404330	NM_001045532 // Prl2c1 // Prolactin family 2, subfamily c, member 1 // 13 A3.1 /	Prl2c1	7.18378E-09	2.01787	Week 8 up vs Week 3
10410475	ENSMUST00000043493 // BC018507 // cDNA sequence BC018507 // 13 C1 // 218333 ///	BC018507	7.05075E-06	2.01816	Week 8 up vs Week 3
10510172	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	1.26677E-05	2.01829	Week 8 up vs Week 3
10483000	NM_001159564 // Itgb6 // integrin beta 6 // 2 C3|2 34.0 cM // 16420 /// NM_02135	Itgb6	0.000446648	2.01954	Week 8 up vs Week 3
10362968	NM_024285 // Bves // blood vessel epicardial substance // 10 B2|10 29.0 cM // 23	Bves	0.000031541	2.0196	Week 8 up vs Week 3
10342062	---		8.82891E-05	2.02028	Week 8 up vs Week 3
10339413	---		0.000291457	2.0205	Week 8 up vs Week 3
10341168	---		5.78722E-07	2.02148	Week 8 up vs Week 3
10477187	NM_001141977 // Tpx2 // TPX2, microtubule-associated protein homolog (Xenopus la	Tpx2	0.000136859	2.02195	Week 8 up vs Week 3
10341042	---		0.000366613	2.02334	Week 8 up vs Week 3

10343661	---		7.72699E-06	2.02372	Week 8 up vs Week 3
10550782	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20686	V1rd14	9.20624E-05	2.0244	Week 8 up vs Week 3
10577388	ENSMUST00000098907 // 4930467E23Rik // RIKEN cDNA 4930467E23 gene // 8 A1.3 // 6	4930467E23Rik	0.000095745	2.02577	Week 8 up vs Week 3
10434285	---		1.13913E-05	2.02769	Week 8 up vs Week 3
10559878	BC071238 // 2810047C21Rik1 // RIKEN cDNA 2810047C21 gene 1 // 7 A1 // 72716 ///	2810047C21Rik1	5.97699E-07	2.02801	Week 8 up vs Week 3
10563993	---		0.00281692	2.02924	Week 8 up vs Week 3
10564021	---		0.00281692	2.02924	Week 8 up vs Week 3
10564025	---		0.00281692	2.02924	Week 8 up vs Week 3
10342870	---		8.91919E-05	2.03006	Week 8 up vs Week 3
10344255	---		0.000381603	2.03052	Week 8 up vs Week 3
10560728	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20754	V1rd14	6.45456E-05	2.03095	Week 8 up vs Week 3
10528622	NM_080444 // Asb10 // ankyrin repeat and SOCS box-containing 10 // 5 A3 // 11759	Asb10	6.20965E-06	2.03109	Week 8 up vs Week 3
10409711	---		9.65983E-07	2.0312	Week 8 up vs Week 3
10474875	NM_029617 // Casc5 // cancer susceptibility candidate 5 // 2 E5 // 76464 /// ENS	Casc5	0.000070592	2.03326	Week 8 up vs Week 3
10338959	---		0.0204454	2.03342	Week 8 up vs Week 3
10487994	NM_198029 // Fermt1 // fermitin family homolog 1 (Drosophila) // 2 F2 // 241639	Fermt1	0.00291696	2.03346	Week 8 up vs Week 3
10560732	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2075	V1rd21	0.000050985	2.03348	Week 8 up vs Week 3
10343317	---		4.44056E-05	2.03649	Week 8 up vs Week 3
10352864	---		2.42144E-10	2.03727	Week 8 up vs Week 3
10342768	---		9.31664E-05	2.03745	Week 8 up vs Week 3
10564005	---		0.00231631	2.0382	Week 8 up vs Week 3
10385555	AK006305 // 1700024J04Rik // RIKEN cDNA 1700024J04 gene // 11 B1.2 // 71848 ///	1700024J04Rik	3.62506E-07	2.04096	Week 8 up vs Week 3
10550768	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2075	V1rd21	4.68339E-05	2.04107	Week 8 up vs Week 3
10341367	---		1.02526E-06	2.0427	Week 8 up vs Week 3
10341549	---		2.47781E-05	2.04378	Week 8 up vs Week 3
10342796	---		0.00242684	2.04645	Week 8 up vs Week 3
10557175	---		0.000185138	2.04671	Week 8 up vs Week 3
10577361			0.000066298	2.04673	Week 8 up vs Week 3
10451677	---		7.60183E-06	2.04808	Week 8 up vs Week 3
10523756	---		7.60183E-06	2.04808	Week 8 up vs Week 3
10537504	---		7.60183E-06	2.04808	Week 8 up vs Week 3
10564027	---		0.00225161	2.04862	Week 8 up vs Week 3
10564077	---		0.00225161	2.04862	Week 8 up vs Week 3
10564079	---		0.00225161	2.04862	Week 8 up vs Week 3
10564085	---		0.00225161	2.04862	Week 8 up vs Week 3
10564087	---		0.00225161	2.04862	Week 8 up vs Week 3
10564091	---		0.00225161	2.04862	Week 8 up vs Week 3
10564093	---		0.00225161	2.04862	Week 8 up vs Week 3
10564095	---		0.00225161	2.04862	Week 8 up vs Week 3
10564097	---		0.00225161	2.04862	Week 8 up vs Week 3
10564099	---		0.00225161	2.04862	Week 8 up vs Week 3
10564101	---		0.00225161	2.04862	Week 8 up vs Week 3
10564103	---		0.00225161	2.04862	Week 8 up vs Week 3
10564105	---		0.00225161	2.04862	Week 8 up vs Week 3
10564107	---		0.00225161	2.04862	Week 8 up vs Week 3
10564113	---		0.00225161	2.04862	Week 8 up vs Week 3
10564115	---		0.00225161	2.04862	Week 8 up vs Week 3
10564119	---		0.00225161	2.04862	Week 8 up vs Week 3
10564121	---		0.00225161	2.04862	Week 8 up vs Week 3
10564123	---		0.00225161	2.04862	Week 8 up vs Week 3
10564125	---		0.00225161	2.04862	Week 8 up vs Week 3
10564127	---		0.00225161	2.04862	Week 8 up vs Week 3
10564129	---		0.00225161	2.04862	Week 8 up vs Week 3
10564139	---		0.00225161	2.04862	Week 8 up vs Week 3
10566415	---		7.29105E-08	2.04869	Week 8 up vs Week 3
10339056	---		0.00141593	2.04986	Week 8 up vs Week 3
10490852	---		5.30476E-06	2.05033	Week 8 up vs Week 3
10608715	---		0.000785847	2.05074	Week 8 up vs Week 3
10392413	---		0.000205613	2.05173	Week 8 up vs Week 3
10598089	---		0.000169564	2.05193	Week 8 up vs Week 3
10341985	---		4.38616E-06	2.05271	Week 8 up vs Week 3
10472499	---		2.35261E-05	2.05274	Week 8 up vs Week 3
10411739	NM_172301 // Ccnb1 // cyclin B1 // 13 D1 // 268697 /// ENSMUST00000072119 // Ccn	Ccnb1	0.000307851	2.05274	Week 8 up vs Week 3
10559818	---		2.93505E-05	2.05322	Week 8 up vs Week 3
10369221	NM_001081954 // Dux // double homeobox // --- // 672911 /// ENSMUST00000075305 /	Dux	0.000001715	2.05382	Week 8 up vs Week 3

10342539	---		0.000107482	2.05437	Week 8 up vs Week 3
10508436	NM_023485 // Sync // syncoilin // 4 D2.2|4 60.0 cM // 68828 /// ENSMUST000001025	Sync	2.42725E-05	2.05555	Week 8 up vs Week 3
10342495	---		4.15984E-07	2.05833	Week 8 up vs Week 3
10340119	---		0.00122305	2.05961	Week 8 up vs Week 3
10341357	---		0.000006887	2.06041	Week 8 up vs Week 3
10356248	NM_175219 // C130026I21Rik // RIKEN cDNA C130026I21 gene // 1 C5 // 620078 /// N	C130026I21Rik	2.62126E-07	2.06048	Week 8 up vs Week 3
10343528	---		8.38135E-06	2.06139	Week 8 up vs Week 3
10338980	---		3.28697E-05	2.06228	Week 8 up vs Week 3
10344283	---		7.91548E-05	2.06409	Week 8 up vs Week 3
10342370	---		0.000481201	2.06426	Week 8 up vs Week 3
10342891	---		7.23544E-07	2.06478	Week 8 up vs Week 3
10495562	NM_175413 // Lrrc39 // leucine rich repeat containing 39 // 3 G2 // 109245 /// N	Lrrc39	0.00066466	2.0658	Week 8 up vs Week 3
10340527	---		0.000584333	2.066	Week 8 up vs Week 3
10584862	NM_001013390 // Scn4b // sodium channel, type IV, beta // 9 A5.2 // 399548 /// E	Scn4b	0.000715735	2.06795	Week 8 up vs Week 3
10599324	NM_133690 // Atp1b4 // ATPase, (Na+)/K+ transporting, beta 4 polypeptide // X A2	Atp1b4	0.000610899	2.06799	Week 8 up vs Week 3
10536845	NM_001081185 // Flnc // filamin C, gamma // 6 A3.3 // 68794 /// ENSMUST000000904	Flnc	0.0011472	2.06862	Week 8 up vs Week 3
10564037	---		0.00108765	2.07233	Week 8 up vs Week 3
10371502	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	0.00475577	2.07241	Week 8 up vs Week 3
10567366	NM_025989 // Gp2 // glycoprotein 2 (zymogen granule membrane) // 7 F1-F2|7 55.0	Gp2	8.29758E-05	2.0729	Week 8 up vs Week 3
10379636	NM_011410 // Slfn4 // schlafen 4 // 11 C // 20558 /// ENSMUST00000000208 // Slfn	Slfn4	0.000473139	2.07307	Week 8 up vs Week 3
10343502	---		8.08628E-07	2.07329	Week 8 up vs Week 3
10560785	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2034	V1rd21	3.66923E-05	2.07344	Week 8 up vs Week 3
10340132	---		2.33845E-06	2.07522	Week 8 up vs Week 3
10562587	NM_001013810 // Gm5591 // predicted gene 5591 // 7 B2|7 // 434171 /// ENSMUST000	Gm5591	2.13217E-07	2.07589	Week 8 up vs Week 3
10338112	---		3.20557E-05	2.08001	Week 8 up vs Week 3
10338320	---		1.82721E-07	2.08048	Week 8 up vs Week 3
10343115	---		4.14902E-06	2.08432	Week 8 up vs Week 3
10381460	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00911453	2.08434	Week 8 up vs Week 3
10381470	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00911453	2.08434	Week 8 up vs Week 3
10381472	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00911453	2.08434	Week 8 up vs Week 3
10391488	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00911453	2.08434	Week 8 up vs Week 3
10564069	---		0.00206504	2.08542	Week 8 up vs Week 3
10564073	---		0.00206504	2.08542	Week 8 up vs Week 3
10582985	NM_009807 // Casp1 // caspase 1 // 9 A1|9 1.0 cM // 12362 /// BC008152 // Casp1	Casp1	3.08004E-06	2.08649	Week 8 up vs Week 3
10536111	---		0.000013599	2.08786	Week 8 up vs Week 3
10417302	ENSMUST00000090652 // 544988 // predicted gene, 544988 // 14 A1 // 544988 /// EN	544988	1.83938E-05	2.08817	Week 8 up vs Week 3
10537742	NM_013491 // Clcn1 // chloride channel 1 // 6 B2.1|6 22.5 cM // 12723 /// ENSMUS	Clcn1	5.73814E-05	2.08884	Week 8 up vs Week 3
10563975	---		0.00188977	2.09059	Week 8 up vs Week 3
10563981	---		0.00188977	2.09059	Week 8 up vs Week 3
10563987	---		0.00188977	2.09059	Week 8 up vs Week 3
10564009	---		0.00188977	2.09059	Week 8 up vs Week 3
10425049	NM_173743 // Apol9b // apolipoprotein L 9b // 15 E1 // 71898 /// NM_001162883 //	Apol9b	0.00181338	2.09255	Week 8 up vs Week 3
10386238	AY603754 // Obscn // obscurin, cytoskeletal calmodulin and titin-interacting Rho	Obscn	0.00158825	2.0961	Week 8 up vs Week 3
10350297	NM_001081258 // Kif14 // kinesin family member 14 // 1 F|1 78.8 cM // 381293 ///	Kif14	3.19109E-07	2.09646	Week 8 up vs Week 3
10417373	EF651835 // ENSMUSG00000079376 // predicted gene, ENSMUSG00000079376 // 14 A1|	ENSMUSG00000	1.03238E-05	2.09813	Week 8 up vs Week 3
10338348	---		6.82353E-07	2.10085	Week 8 up vs Week 3
10505240	---		0.000010306	2.10152	Week 8 up vs Week 3
10515836	NM_172301 // Ccnb1 // cyclin B1 // 13 D1 // 268697 /// ENSMUST00000072119 // Ccn	Ccnb1	0.000238663	2.10175	Week 8 up vs Week 3
10550778	NM_001122682 // LOC100043604 // V3R8-like protein // 7 A3 // 100043604	LOC100043604	1.93846E-05	2.10267	Week 8 up vs Week 3
10560767	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	1.93846E-05	2.10267	Week 8 up vs Week 3
10341363	---		9.12057E-07	2.10332	Week 8 up vs Week 3
10343079	---		0.000025618	2.10347	Week 8 up vs Week 3
10338762	---		6.74615E-05	2.10504	Week 8 up vs Week 3
10485963	NM_181416 // Arhgap11a // Rho GTPase activating protein 11A // 2 E4 // 228482 //	Arhgap11a	2.90851E-05	2.10736	Week 8 up vs Week 3
10343239	---		0.000107437	2.1083	Week 8 up vs Week 3
10536163			4.03211E-06	2.10858	Week 8 up vs Week 3
10560742	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2068	V1rd21	4.74451E-05	2.10905	Week 8 up vs Week 3
10342815	---		0.000271281	2.1101	Week 8 up vs Week 3
10409202	---		1.92912E-05	2.1118	Week 8 up vs Week 3
10564033	---		0.00197248	2.11192	Week 8 up vs Week 3
10560752	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	7.78345E-05	2.11403	Week 8 up vs Week 3
10562731	---		3.08681E-06	2.11427	Week 8 up vs Week 3
10493889	NM_028622 // Lce1c // late cornified envelope 1C // 3 F1 // 73719 /// ENSMUST000	Lce1c	8.45796E-07	2.11534	Week 8 up vs Week 3
10338047	---		0.00003027	2.11569	Week 8 up vs Week 3
10492281	ENSMUST00000094228 // 4930449A18Rik // RIKEN cDNA 4930449A18 gene // 3 D // 746	4930449A18Rik	3.64686E-09	2.11693	Week 8 up vs Week 3

10560789	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2068	V1rd21	4.01631E-05	2.11698	Week 8 up vs Week 3
10550998	ENSMUST00000073390 // Gm5893 // predicted gene 5893 // 7 A3 // 545936	Gm5893	3.72698E-09	2.11728	Week 8 up vs Week 3
10342826	---		1.53784E-07	2.11799	Week 8 up vs Week 3
10559919	BC108353 // Zfp772 // zinc finger protein 772 // 7 A1 // 232855 /// BC023179 //	Zfp772	7.84944E-08	2.11799	Week 8 up vs Week 3
10343427	---		6.77111E-05	2.118	Week 8 up vs Week 3
10591781	NM_028390 // Anln // anillin, actin binding protein // 9 A4 // 68743 /// ENSMUST	Anln	0.00167312	2.11818	Week 8 up vs Week 3
10338728	---		2.39115E-06	2.11884	Week 8 up vs Week 3
10340896	---		9.76075E-06	2.12034	Week 8 up vs Week 3
10510159	NM_001103158 // Gm13242 // predicted gene 13242 // 4 E1|4 // 100041379 /// ENSMU	Gm13242	0.000127826	2.12044	Week 8 up vs Week 3
10342627	---		1.06896E-06	2.12081	Week 8 up vs Week 3
10369225	NM_001081954 // Dux // double homeobox // --- // 672911 /// ENSMUST00000071408 /	Dux	4.05843E-07	2.12169	Week 8 up vs Week 3
10556158	NM_146773 // Olfr508 // olfactory receptor 508 // --- // 258769 /// ENSMUST00000	Olfr508	6.11328E-08	2.12242	Week 8 up vs Week 3
10564089	---		0.00128316	2.12304	Week 8 up vs Week 3
10563955	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.00106515	2.12399	Week 8 up vs Week 3
10428370	NM_175456 // Abra // actin-binding Rho activating protein // 15 B3.1 // 223513 /	Abra	8.14934E-05	2.13024	Week 8 up vs Week 3
10550760	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// NM_20686	V1rd14	6.38029E-05	2.13043	Week 8 up vs Week 3
10425761	---		4.25246E-06	2.13181	Week 8 up vs Week 3
10437180	NM_015825 // Sh3bgr // SH3-binding domain glutamic acid-rich protein // 16 C4 //	Sh3bgr	2.81412E-05	2.13191	Week 8 up vs Week 3
10405870	NM_001100616 // Vmn2r121 // vomeronasal 2, receptor 121 // X E3 // 100038941 ///	Vmn2r121	3.59884E-07	2.13379	Week 8 up vs Week 3
10342879	---		7.61163E-06	2.1342	Week 8 up vs Week 3
10340222	---		8.93945E-05	2.13575	Week 8 up vs Week 3
10560740	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// BC15440	V1rd21	2.43814E-05	2.13766	Week 8 up vs Week 3
10560787	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// BC15440	V1rd21	2.43814E-05	2.13766	Week 8 up vs Week 3
10412537	EF651810 // B930046C15Rik // RIKEN cDNA B930046C15 gene // 14 A1 // 544998 /// E	B930046C15Rik	1.54013E-05	2.13847	Week 8 up vs Week 3
10419108	ENSMUST00000064841 // Gm9890 // predicted gene 9890 // 14 B // 632737 /// ENSMUS	Gm9890	0.00000708	2.1392	Week 8 up vs Week 3
10454709	NM_009004 // Kif20a // kinesin family member 20A // 18 B1|18 17.0 cM // 19348 //	Kif20a	1.22697E-05	2.13993	Week 8 up vs Week 3
10342951	---		6.56001E-07	2.14029	Week 8 up vs Week 3
10563965	---		0.00172754	2.1428	Week 8 up vs Week 3
10563967	---		0.00172754	2.1428	Week 8 up vs Week 3
10563971	---		0.00172754	2.1428	Week 8 up vs Week 3
10564043	---		0.00172754	2.1428	Week 8 up vs Week 3
10351504	FJ556972 // EG665955 // predicted gene, EG665955 // 5 B3 // 665955	EG665955	4.82065E-05	2.14387	Week 8 up vs Week 3
10585543	XR_030731 // Gm7444 // predicted gene 7444 // 9 B // 665005	Gm7444	2.41469E-07	2.14539	Week 8 up vs Week 3
10549932	ENSMUST00000086298 // Vmn2r50 // vomeronasal 2, receptor 50 // 7 A1 // 434117 //	Vmn2r50	1.77236E-08	2.14549	Week 8 up vs Week 3
10564023	---		0.00133643	2.14599	Week 8 up vs Week 3
10540401	NM_008516 // Lrrn1 // leucine rich repeat protein 1, neuronal // 6 E1 // 16979 /	Lrrn1	0.00406347	2.14628	Week 8 up vs Week 3
10376002	---		1.29681E-06	2.14709	Week 8 up vs Week 3
10344429	---		3.5209E-09	2.14939	Week 8 up vs Week 3
10436773	ENSMUST00000089098 // Gm7735 // predicted gene 7735 // 16 C3.3 // 665661 /// ENS	Gm7735	6.27041E-08	2.14954	Week 8 up vs Week 3
10560730	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_2034	V1rd21	2.77164E-05	2.15106	Week 8 up vs Week 3
10560783	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// NM_0307	V1rd21	2.77164E-05	2.15106	Week 8 up vs Week 3
10417421	EF651808 // Hn1l // hematological and neurological expressed 1-like // 17 A3.3|1	Hn1l	1.17354E-05	2.15578	Week 8 up vs Week 3
10410204	ENSMUST00000081507 // Nlrp4f // NLR family, pyrin domain containing 4F // 13 B3	Nlrp4f	1.82464E-07	2.1572	Week 8 up vs Week 3
10354368	BC055077 // Col5a2 // collagen, type V, alpha 2 // 1 C1 // 12832	Col5a2	3.70513E-06	2.15802	Week 8 up vs Week 3
10347948	NM_013673 // Sp100 // nuclear antigen Sp100 // 1 C5|1 50.0 cM // 20684 /// ENSMU	Sp100	3.65733E-05	2.15839	Week 8 up vs Week 3
10550770	NM_207547 // V1rd21 // vomeronasal 1 receptor, D21 // 7 A3 // 404290 /// BC11587	V1rd21	2.21304E-05	2.15904	Week 8 up vs Week 3
10510170	XM_899253 // Gm13225 // predicted gene 13225 // 4 E1 // 622846 /// XM_899253 //	Gm13225	2.80701E-05	2.1591	Week 8 up vs Week 3
10510225	ENSMUST00000105736 // Gm13235 // predicted gene 13235 // 4 E1 // 385211 /// AB01	Gm13235	2.80701E-05	2.1591	Week 8 up vs Week 3
10559890	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	0.000113352	2.16388	Week 8 up vs Week 3
10342206	---		0.000126381	2.16951	Week 8 up vs Week 3
10502638	NM_178697 // Clca5 // chloride channel calcium activated 5 // 3 H2 // 229933 ///	Clca5	0.000054094	2.17006	Week 8 up vs Week 3
10501302	NM_008596 // Sypl2 // synaptophysin-like 2 // 3 F3-H2 // 17306 /// ENSMUST000000	Sypl2	0.00181925	2.17303	Week 8 up vs Week 3
10408574	---		4.13109E-06	2.17582	Week 8 up vs Week 3
10344024	---		6.79713E-06	2.17607	Week 8 up vs Week 3
10562637	NM_172301 // Ccnb1 // cyclin B1 // 13 D1 // 268697 /// ENSMUST00000072119 // Ccn	Ccnb1	8.23642E-05	2.17634	Week 8 up vs Week 3
10369223	NM_001081954 // Dux // double homeobox // --- // 672911 /// ENSMUST00000071408 /	Dux	4.24105E-07	2.1765	Week 8 up vs Week 3
10343616	---		3.04336E-05	2.17759	Week 8 up vs Week 3
10343357	---		9.08693E-06	2.17783	Week 8 up vs Week 3
10362456	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.0186951	2.17804	Week 8 up vs Week 3
10559916	---		1.95575E-07	2.17891	Week 8 up vs Week 3
10412549	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	0.000015238	2.1801	Week 8 up vs Week 3
10418169	ENSMUST00000079800 // 1700054O19Rik // RIKEN cDNA 1700054O19 gene // 14 A3 // 7	1700054O19Rik	3.53877E-06	2.18027	Week 8 up vs Week 3
10454103	XR_032134 // Gm2889 // predicted gene 2889 // 18 A1|18 // 100040658	Gm2889	2.00573E-06	2.18217	Week 8 up vs Week 3
10338374	---		3.83128E-07	2.18533	Week 8 up vs Week 3
10417226			1.85461E-05	2.18534	Week 8 up vs Week 3

10536107	ENSMUST00000110576 // LOC625240 // similar to D5Ertd577e protein // --- // 62524	LOC625240	2.03695E-05	2.18865	Week 8 up vs Week 3
10564049	---		0.000166542	2.18872	Week 8 up vs Week 3
10338252	---		0.000798784	2.18961	Week 8 up vs Week 3
10519805	NM_025759 // Speer4d // spermatogenesis associated glutamate (E)-rich protein 4d	Speer4d	4.55112E-05	2.19003	Week 8 up vs Week 3
10341999	---		0.000640014	2.19308	Week 8 up vs Week 3
10563899	---		0.00026404	2.19448	Week 8 up vs Week 3
10510068	NM_001113736 // Gm13040 // predicted gene 13040 // 4 E1 // 100040854 /// NM_0010	Gm13040	3.7482E-06	2.19538	Week 8 up vs Week 3
10510072	NM_001113736 // Gm13040 // predicted gene 13040 // 4 E1 // 100040854 /// NM_0010	Gm13040	3.7482E-06	2.19538	Week 8 up vs Week 3
10510076	NM_001113736 // Gm13040 // predicted gene 13040 // 4 E1 // 100040854 /// NM_0010	Gm13040	3.7482E-06	2.19538	Week 8 up vs Week 3
10341511	---		0.000608414	2.19554	Week 8 up vs Week 3
10356271	NM_213615 // A530032D15Rik // RIKEN cDNA A530032D15Rik gene // 1 C5 // 381287 //	A530032D15Rik	6.97022E-07	2.19582	Week 8 up vs Week 3
10412543	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	1.08894E-05	2.19743	Week 8 up vs Week 3
10366938	NM_177707 // Stac3 // SH3 and cysteine rich domain 3 // 10 D3 // 237611 /// ENSM	Stac3	1.68013E-05	2.19949	Week 8 up vs Week 3
10564111	---		0.000590046	2.19951	Week 8 up vs Week 3
10532628	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376	Myo18b	5.88093E-05	2.20194	Week 8 up vs Week 3
10560754	---		1.58209E-05	2.20525	Week 8 up vs Week 3
10338182	---		1.45859E-05	2.2057	Week 8 up vs Week 3
10603232	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.0030351	2.20699	Week 8 up vs Week 3
10603237	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.0030351	2.20699	Week 8 up vs Week 3
10406896	---		1.21803E-05	2.20704	Week 8 up vs Week 3
10412520			9.90431E-06	2.21031	Week 8 up vs Week 3
10343853	---		3.54629E-05	2.21282	Week 8 up vs Week 3
10469255	NM_008859 // Prkcq // protein kinase C, theta // 2 A1|2 2.0 cM // 18761 /// ENSM	Prkcq	5.23574E-05	2.21349	Week 8 up vs Week 3
10415279	NM_026808 // Fitm1 // fat storage-inducing transmembrane protein 1 // 14 C3 // 6	Fitm1	0.00466477	2.21511	Week 8 up vs Week 3
10417326	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	7.25103E-06	2.21933	Week 8 up vs Week 3
10563802	BC082541 // Dbx1 // developing brain homeobox 1 // 7 B5|7 22.8 cM // 13172 /// X	Dbx1	1.99027E-05	2.22044	Week 8 up vs Week 3
10563804	XR_002246 // Gm9350 // predicted gene 9350 // 7 B5|7 // 668774 /// XR_001840 //	Gm9350	1.99027E-05	2.22044	Week 8 up vs Week 3
10563806	XR_002246 // Gm9350 // predicted gene 9350 // 7 B5|7 // 668774 /// XR_001840 //	Gm9350	1.99027E-05	2.22044	Week 8 up vs Week 3
10563808	XR_002246 // Gm9350 // predicted gene 9350 // 7 B5|7 // 668774	Gm9350	1.99027E-05	2.22044	Week 8 up vs Week 3
10563810	XR_002246 // Gm9350 // predicted gene 9350 // 7 B5|7 // 668774 /// XR_001840 //	Gm9350	1.99027E-05	2.22044	Week 8 up vs Week 3
10563812	XR_002246 // Gm9350 // predicted gene 9350 // 7 B5|7 // 668774 /// XR_001840 //	Gm9350	1.99027E-05	2.22044	Week 8 up vs Week 3
10339470	---		8.81345E-07	2.22056	Week 8 up vs Week 3
10550786	NM_030736 // V1rd14 // vomeronasal 1 receptor, D14 // 7 A3 // 81011 /// AF324872	V1rd14	1.37376E-05	2.22077	Week 8 up vs Week 3
10568731	---		4.87228E-09	2.2226	Week 8 up vs Week 3
10344397	---		3.87649E-05	2.22697	Week 8 up vs Week 3
10343768	---		0.00166091	2.22795	Week 8 up vs Week 3
10368222	NM_053264 // 4930444G20Rik // RIKEN cDNA 4930444G20 gene // 10 A3 // 114671 ///	4930444G20Rik	1.68127E-06	2.22829	Week 8 up vs Week 3
10528183	NM_001122661 // Speer4e // spermatogenesis associated glutamate (E)-rich protein	Speer4e	5.71455E-05	2.23037	Week 8 up vs Week 3
10341634	---		2.26971E-06	2.23301	Week 8 up vs Week 3
10344259	---		3.91449E-05	2.2332	Week 8 up vs Week 3
10342760	---		1.3833E-07	2.23335	Week 8 up vs Week 3
10550762	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	8.37761E-06	2.23365	Week 8 up vs Week 3
10550775			8.37761E-06	2.23365	Week 8 up vs Week 3
10513521	NM_001012323 // Mup20 // major urinary protein 20 // 4 B3 // 381530 /// NM_00116	Mup20	3.45677E-07	2.23369	Week 8 up vs Week 3
10564041	---		0.000930768	2.23479	Week 8 up vs Week 3
10507177	NM_001100181 // Cyp4a32 // cytochrome P450, family 4, subfamily a, polypeptide 3	Cyp4a32	1.62422E-10	2.23611	Week 8 up vs Week 3
10582884	---		6.75561E-05	2.23673	Week 8 up vs Week 3
10338212	---		1.35324E-05	2.23678	Week 8 up vs Week 3
10608535	XR_032134 // Gm2889 // predicted gene 2889 // 18 A1|18 // 100040658 /// XM_00147	Gm2889	4.6391E-06	2.237	Week 8 up vs Week 3
10347933	NM_001013817 // Sp140 // Sp140 nuclear body protein // 1 C5 // 434484 /// NM_027	Sp140	3.44311E-08	2.23823	Week 8 up vs Week 3
10512145	NM_007473 // Aqp7 // aquaporin 7 // 4 B1 // 11832 /// ENSMUST00000116345 // Aqp7	Aqp7	7.41709E-05	2.23837	Week 8 up vs Week 3
10496204	NM_173762 // Cenpe // centromere protein E // 3 H2 // 229841 /// ENSMUST00000062	Cenpe	3.05849E-06	2.23995	Week 8 up vs Week 3
10571870	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	1.89897E-06	2.24164	Week 8 up vs Week 3
10341467	---		0.000568876	2.24505	Week 8 up vs Week 3
10418950	NM_001039074 // Ldb3 // LIM domain binding 3 // 14 B // 24131 /// NM_011918 // L	Ldb3	0.000870773	2.24574	Week 8 up vs Week 3
10341041	---		0.00024144	2.24688	Week 8 up vs Week 3
10340298	---		1.62015E-05	2.24839	Week 8 up vs Week 3
10375229	---		2.8739E-06	2.25374	Week 8 up vs Week 3
10608523	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.0179843	2.25762	Week 8 up vs Week 3
10417359	EF651808 // Hn1l // hematological and neurological expressed 1-like // 17 A3.3|1	Hn1l	4.62888E-06	2.25876	Week 8 up vs Week 3
10536151	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	2.35249E-05	2.25885	Week 8 up vs Week 3
10341365	---		0.000119431	2.25993	Week 8 up vs Week 3
10417264	NM_001024712 // 544988 // predicted gene, 544988 // 14 A1 // 544988 /// BC080297	544988	6.88856E-06	2.26021	Week 8 up vs Week 3
10344005	---		0.000502215	2.26204	Week 8 up vs Week 3
10417492	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// NM_00102	Gm5458	8.09361E-06	2.26347	Week 8 up vs Week 3

10522585	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	0.000020194	2.26511	Week 8 up vs Week 3
10502565	NM_030601 // Clca2 // chloride channel calcium activated 2 // 3 H2 // 80797 ///	Clca2	3.41502E-09	2.26772	Week 8 up vs Week 3
10564013	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000752731	2.26788	Week 8 up vs Week 3
10564017	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000752731	2.26788	Week 8 up vs Week 3
10340350	---		0.00099231	2.26858	Week 8 up vs Week 3
10338127	---		9.90201E-07	2.26891	Week 8 up vs Week 3
10402997	ENSMUST00000103453 // LOC630837 // similar to Ig heavy chain V region 5-84 precu	LOC630837	8.08585E-09	2.26905	Week 8 up vs Week 3
10490972	NM_001081281 // Trim55 // tripartite motif-containing 55 // 3 A2 // 381485 /// E	Trim55	0.000598019	2.26988	Week 8 up vs Week 3
10598192	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	3.61627E-05	2.2708	Week 8 up vs Week 3
10560764	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	5.68369E-06	2.27141	Week 8 up vs Week 3
10560777	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	5.68369E-06	2.27141	Week 8 up vs Week 3
10550772	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	5.47333E-06	2.27441	Week 8 up vs Week 3
10560807	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	5.47333E-06	2.27441	Week 8 up vs Week 3
10474467	NM_172979 // Muc15 // mucin 15 // 2 E3 // 269328 /// ENSMUST00000111017 // Muc15	Muc15	0.00631487	2.2756	Week 8 up vs Week 3
10528191	NM_025759 // Speer4d // spermatogenesis associated glutamate (E)-rich protein 4d	Speer4d	3.07563E-05	2.2757	Week 8 up vs Week 3
10341900	---		6.75958E-07	2.27734	Week 8 up vs Week 3
10403021	ENSMUST00000103517 // Gm7016 // predicted gene 7016 // 12 F2|12 // 629908 /// EN	Gm7016	4.71811E-05	2.27837	Week 8 up vs Week 3
10417319	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	7.93812E-06	2.27996	Week 8 up vs Week 3
10340905	---		0.0116713	2.28233	Week 8 up vs Week 3
10339556	---		2.22233E-06	2.28329	Week 8 up vs Week 3
10390707	NM_011623 // Top2a // topoisomerase (DNA) II alpha // 11 D|11 57.0 cM // 21973 /	Top2a	0.000528238	2.28609	Week 8 up vs Week 3
10417253	BC100412 // 1700001E04Rik // RIKEN cDNA 1700001E04 gene // 14 A1 // 75438 /// NM	1700001E04Rik	1.14981E-05	2.2864	Week 8 up vs Week 3
10417281	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	1.14981E-05	2.2864	Week 8 up vs Week 3
10528177	NM_001122661 // Speer4e // spermatogenesis associated glutamate (E)-rich protein	Speer4e	3.91196E-05	2.28916	Week 8 up vs Week 3
10347928	NM_175397 // Sp110 // Sp110 nuclear body protein // 1 C5 // 109032 /// AY845948	Sp110	1.99958E-07	2.2896	Week 8 up vs Week 3
10582874	NM_175397 // Sp110 // Sp110 nuclear body protein // 1 C5 // 109032 /// AY845948	Sp110	1.99958E-07	2.2896	Week 8 up vs Week 3
10560744	NM_203489 // V1rd15 // vomeronasal 1 receptor, D15 // 7 A3 // 209824 /// NM_2068	V1rd15	2.05866E-05	2.29017	Week 8 up vs Week 3
10344358	---		4.63366E-05	2.29026	Week 8 up vs Week 3
10508614	NM_010174 // Fabp3 // fatty acid binding protein 3, muscle and heart // 4 D2.2|4	Fabp3	0.0026502	2.29194	Week 8 up vs Week 3
10405743	---		1.53452E-06	2.29299	Week 8 up vs Week 3
10343235	---		2.32402E-08	2.29358	Week 8 up vs Week 3
10598183	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.00178891	2.29363	Week 8 up vs Week 3
10445428	---		1.20952E-05	2.29374	Week 8 up vs Week 3
10474497	NM_001011773 // Olfr1287 // olfactory receptor 1287 // 2 E3 // 257935 /// NM_207	Olfr1287	8.98008E-07	2.29426	Week 8 up vs Week 3
10549921	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_1989	Vmn2r43	2.36263E-05	2.29466	Week 8 up vs Week 3
10338064	---		3.10784E-05	2.29644	Week 8 up vs Week 3
10412503			3.46632E-06	2.29766	Week 8 up vs Week 3
10417485	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	1.45832E-06	2.29794	Week 8 up vs Week 3
10554729	NM_146851 // Olfr295 // olfactory receptor 295 // --- // 258850 /// ENSMUST00000	Olfr295	1.04671E-06	2.30122	Week 8 up vs Week 3
10341278	---		0.000603322	2.30281	Week 8 up vs Week 3
10338682	---		6.82888E-06	2.30389	Week 8 up vs Week 3
10417245	---		8.79348E-06	2.30424	Week 8 up vs Week 3
10338290	---		5.47178E-07	2.306	Week 8 up vs Week 3
10417286			6.33845E-06	2.30659	Week 8 up vs Week 3
10417258	NM_001024712 // 544988 // predicted gene, 544988 // 14 A1 // 544988 /// ENSMUST0	544988	7.36386E-06	2.30676	Week 8 up vs Week 3
10345875	---		2.24905E-05	2.30999	Week 8 up vs Week 3
10339881	---		6.63566E-05	2.31236	Week 8 up vs Week 3
10339563	---		0.000360237	2.31474	Week 8 up vs Week 3
10414228	NM_001013816 // Gm5622 // predicted gene 5622 // 14 C2|14 // 434459 /// NM_00101	Gm5622	5.08671E-06	2.31675	Week 8 up vs Week 3
10513512	NM_001163011 // Mup1 // major urinary protein 1 // 4 B3|4 27.8 cM // 17840 /// N	Mup1	6.91893E-06	2.3168	Week 8 up vs Week 3
10349295	NM_023755 // Tcfcp2l1 // transcription factor CP2-like 1 // 1 E2 // 81879 /// EN	Tcfcp2l1	9.87868E-09	2.31689	Week 8 up vs Week 3
10523316	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	0.000016337	2.31875	Week 8 up vs Week 3
10523346	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	0.000016337	2.31875	Week 8 up vs Week 3
10536033	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	0.000016337	2.31875	Week 8 up vs Week 3
10536044			0.000016337	2.31875	Week 8 up vs Week 3
10598218	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.00191727	2.32209	Week 8 up vs Week 3
10599673	BC145074 // 4930527E24Rik // RIKEN cDNA 4930527E24 gene // X A5 // 75140 /// ENS	4930527E24Rik	9.17825E-05	2.32257	Week 8 up vs Week 3
10339795	---		1.77749E-06	2.32263	Week 8 up vs Week 3
10344412	---		4.20525E-06	2.32284	Week 8 up vs Week 3
10340899	---		0.000310347	2.32368	Week 8 up vs Week 3
10417501	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	9.76693E-06	2.32379	Week 8 up vs Week 3
10343674	---		0.000164643	2.32453	Week 8 up vs Week 3
10502830	NM_199465 // Nexn // nexilin // 3 H3 // 68810 /// ENSMUST00000046045 // Nexn //	Nexn	0.000969283	2.32534	Week 8 up vs Week 3
10340918	---		2.59013E-05	2.32558	Week 8 up vs Week 3
10528810	NM_029376 // Speer4a // spermatogenesis associated glutamate (E)-rich protein 4a	Speer4a	6.27607E-06	2.32944	Week 8 up vs Week 3

10599088	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	2.03529E-05	2.32974	Week 8 up vs Week 3
10574149	FJ889356 // Nlrc5 // NLR family, CARD domain containing 5 // 8 C5 // 434341	Nlrc5	1.40501E-08	2.33249	Week 8 up vs Week 3
10339193	---		1.12752E-05	2.3327	Week 8 up vs Week 3
10356886	NM_172658 // Slco4c1 // solute carrier organic anion transporter family, member	Slco4c1	1.11217E-05	2.33863	Week 8 up vs Week 3
10563937	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10563947	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10563951	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10563953	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10563957	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10563995	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10563997	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10563999	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10564001	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10564003	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10564007	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10564029	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10564031	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000529878	2.33918	Week 8 up vs Week 3
10564035	---		0.000529878	2.33918	Week 8 up vs Week 3
10564039	---		0.000529878	2.33918	Week 8 up vs Week 3
10564051	---		0.000529878	2.33918	Week 8 up vs Week 3
10564059	---		0.000529878	2.33918	Week 8 up vs Week 3
10564061	---		0.000529878	2.33918	Week 8 up vs Week 3
10564063	---		0.000529878	2.33918	Week 8 up vs Week 3
10564065	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000529878	2.33918	Week 8 up vs Week 3
10564067	---		0.000529878	2.33918	Week 8 up vs Week 3
10564071	---		0.000529878	2.33918	Week 8 up vs Week 3
10564075	---		0.000529878	2.33918	Week 8 up vs Week 3
10564081	---		0.000529878	2.33918	Week 8 up vs Week 3
10564083	---		0.000529878	2.33918	Week 8 up vs Week 3
10564131	---		0.000529878	2.33918	Week 8 up vs Week 3
10564133	---		0.000529878	2.33918	Week 8 up vs Week 3
10564141	---		0.000529878	2.33918	Week 8 up vs Week 3
10564145	---		0.000529878	2.33918	Week 8 up vs Week 3
10564149	---		0.000529878	2.33918	Week 8 up vs Week 3
10564151	---		0.000529878	2.33918	Week 8 up vs Week 3
10564153	---		0.000529878	2.33918	Week 8 up vs Week 3
10564155	---		0.000529878	2.33918	Week 8 up vs Week 3
10608668	---		6.22511E-07	2.33964	Week 8 up vs Week 3
10417773	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// NM_00102	Gm5458	6.73532E-06	2.3397	Week 8 up vs Week 3
10339383	---		0.000150326	2.34007	Week 8 up vs Week 3
10564011	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000556859	2.34092	Week 8 up vs Week 3
10338289	---		0.000177766	2.34296	Week 8 up vs Week 3
10431564	NM_009948 // Cpt1b // carnitine palmitoyltransferase 1b, muscle // 15 E3|15 52.6	Cpt1b	0.000175626	2.34443	Week 8 up vs Week 3
10343865	---		4.81278E-06	2.3458	Week 8 up vs Week 3
10417235	EF651820 // Gm3264 // predicted gene 3264 // 14 A1|14 // 100041306 /// CT010181	Gm3264	0.000013383	2.34668	Week 8 up vs Week 3
10417315	EF651820 // Gm3264 // predicted gene 3264 // 14 A1|14 // 100041306 /// EF651808	Gm3264	0.000013383	2.34668	Week 8 up vs Week 3
10518352	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	1.39119E-07	2.34892	Week 8 up vs Week 3
10342637	---		0.000146953	2.35044	Week 8 up vs Week 3
10339911	---		3.3627E-08	2.35265	Week 8 up vs Week 3
10550193	ENSMUST00000098805 // Gm3994 // predicted gene 3994 // 7 A1|7 // 100042728 /// E	Gm3994	4.37699E-05	2.35368	Week 8 up vs Week 3
10339416	---		9.18016E-06	2.35395	Week 8 up vs Week 3
10417446	EF651825 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 /// N	D830030K20Rik	4.79768E-06	2.35515	Week 8 up vs Week 3
10417452	NM_177135 // D830030K20Rik // RIKEN cDNA D830030K20 gene // 14 A1 // 320333 ///	D830030K20Rik	4.79768E-06	2.35515	Week 8 up vs Week 3
10564019	---		0.000360526	2.35602	Week 8 up vs Week 3
10531928	---		4.06942E-07	2.3565	Week 8 up vs Week 3
10344133	---		2.64493E-05	2.35685	Week 8 up vs Week 3
10474102	---		0.00125291	2.3592	Week 8 up vs Week 3
10344138	---		1.78011E-06	2.36003	Week 8 up vs Week 3
10338409	---		9.79023E-07	2.36386	Week 8 up vs Week 3
10403057	ENSMUST00000103538 // LOC641089 // similar to Ig heavy chain V region BCL1 precu	LOC641089	1.78782E-06	2.36782	Week 8 up vs Week 3
10417411	EF651836 // ENSMUSG00000079376 // predicted gene, ENSMUSG00000079376 // 14 A1|	ENSMUSG00000	2.78259E-06	2.37386	Week 8 up vs Week 3
10598220			0.00171535	2.37478	Week 8 up vs Week 3
10343159	---		0.00080047	2.37927	Week 8 up vs Week 3
10374767	---		2.19263E-06	2.38203	Week 8 up vs Week 3
10405876	ENSMUST00000079272 // Gm10324 // predicted gene 10324 // 13 B3|13 // 628709	Gm10324	1.41849E-06	2.38273	Week 8 up vs Week 3

10582464	---		2.21462E-09	2.38325	Week 8 up vs Week 3
10532624	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376	Myo18b	1.12895E-06	2.38439	Week 8 up vs Week 3
10528794	NM_029376 // Speer4a // spermatogenesis associated glutamate (E)-rich protein 4a	Speer4a	8.66577E-06	2.38683	Week 8 up vs Week 3
10417504	BC100412 // 1700001E04Rik // RIKEN cDNA 1700001E04 gene // 14 A1 // 75438 /// EF	1700001E04Rik	5.11646E-06	2.38841	Week 8 up vs Week 3
10400803	---		1.49325E-07	2.38937	Week 8 up vs Week 3
10559880	NM_001105065 // Vmn2r33 // vomeronasal 2, receptor33 // 7 A1 // 624512 /// NM_00	Vmn2r33	1.51607E-05	2.38985	Week 8 up vs Week 3
10427468	---		4.44763E-06	2.39138	Week 8 up vs Week 3
10582862	NM_027144 // Arhgef12 // Rho guanine nucleotide exchange factor (GEF) 12 // 9 B	Arhgef12	8.20613E-08	2.39175	Week 8 up vs Week 3
10385466	NM_011891 // Sgcd // sarcoglycan, delta (dystrophin-associated glycoprotein) //	Sgcd	5.59513E-05	2.3937	Week 8 up vs Week 3
10550208	ENSMUST00000098805 // Gm3994 // predicted gene 3994 // 7 A1|7 // 100042728 /// E	Gm3994	3.70465E-05	2.39395	Week 8 up vs Week 3
10360631	NM_023341 // Cabc1 // chaperone, ABC1 activity of bc1 complex like (S. pombe) //	Cabc1	2.87829E-05	2.39619	Week 8 up vs Week 3
10518350	NM_008252 // Hmgb2 // high mobility group box 2 // 8 B2 // 97165 /// ENSMUST0000	Hmgb2	2.25497E-07	2.39691	Week 8 up vs Week 3
10559928	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	3.92737E-05	2.39789	Week 8 up vs Week 3
10419160	---		2.22467E-08	2.39796	Week 8 up vs Week 3
10560791	NM_001037248 // EG381936 // predicted gene, EG381936 // 7 A3|7 // 381936 /// ENS	EG381936	3.87289E-06	2.39934	Week 8 up vs Week 3
10542221	---		6.40803E-07	2.40064	Week 8 up vs Week 3
10564169	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000109023	2.40124	Week 8 up vs Week 3
10338359	---		2.84438E-05	2.40295	Week 8 up vs Week 3
10536103	ENSMUST00000099243 // LOC624931 // similar to D5Ertd577e protein // --- // 62493	LOC624931	0.00003392	2.40332	Week 8 up vs Week 3
10472042	AF390105 // Gm13498 // predicted gene 13498 // 2 C1.1 // 227885 /// AF390105 //	Gm13498	3.36959E-05	2.40752	Week 8 up vs Week 3
10357072	NM_009126 // Serpinb3a // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb3a	0.000304846	2.40777	Week 8 up vs Week 3
10373622	NM_207008 // Olfr773 // olfactory receptor 773 // 10 D3 // 257664 /// NM_146266	Olfr773	2.82408E-06	2.41031	Week 8 up vs Week 3
10513472	NM_008647 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_001045550 /	Mup2	2.06248E-06	2.41096	Week 8 up vs Week 3
10342302	---		1.5478E-09	2.41257	Week 8 up vs Week 3
10564135	---		0.000315701	2.41368	Week 8 up vs Week 3
10414234	NM_001013816 // Gm5622 // predicted gene 5622 // 14 C2|14 // 434459 /// NM_00101	Gm5622	1.39925E-06	2.41484	Week 8 up vs Week 3
10560760	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	1.66107E-06	2.419	Week 8 up vs Week 3
10560773	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	1.66107E-06	2.419	Week 8 up vs Week 3
10560803	NM_001034904 // Gm5891 // predicted gene 5891 // 7 A3 // 545929 /// NM_001037248	Gm5891	1.66107E-06	2.419	Week 8 up vs Week 3
10341658	---		3.37221E-06	2.42065	Week 8 up vs Week 3
10523325	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	5.94821E-06	2.42161	Week 8 up vs Week 3
10599086			0.00122609	2.42511	Week 8 up vs Week 3
10564163	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564167	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564171	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564173	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564175	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564179	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564181	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564185	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564187	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564189	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564191	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564193	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564195	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564197	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564199	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564201	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564205	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10564207	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000160401	2.42549	Week 8 up vs Week 3
10469786	NM_153511 // Il1f9 // interleukin 1 family, member 9 // 2 A3|2 10.25 cM // 21525	Il1f9	0.000148799	2.42584	Week 8 up vs Week 3
10582562	---		2.74635E-05	2.42672	Week 8 up vs Week 3
10343406	---		0.000101975	2.42795	Week 8 up vs Week 3
10344113	---		0.00054753	2.4311	Week 8 up vs Week 3
10564165	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000111135	2.43265	Week 8 up vs Week 3
10536052	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	0.000039097	2.43286	Week 8 up vs Week 3
10536143	ENSMUST00000099243 // LOC624931 // similar to D5Ertd577e protein // --- // 62493	LOC624931	0.000039097	2.43286	Week 8 up vs Week 3
10343117	---		1.05356E-05	2.43301	Week 8 up vs Week 3
10505254	---		4.44432E-06	2.43326	Week 8 up vs Week 3
10341617	---		0.000201669	2.43369	Week 8 up vs Week 3
10559908	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	0.000005224	2.43779	Week 8 up vs Week 3
10419111	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	8.24425E-06	2.43824	Week 8 up vs Week 3
10559931	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_0011	Vmn2r43	1.38828E-05	2.44852	Week 8 up vs Week 3
10603247	---		1.89839E-05	2.45264	Week 8 up vs Week 3
10410237	ENSMUST00000091541 // 2410141K09Rik // RIKEN cDNA 2410141K09 gene // 13 B3 // 7(	2410141K09Rik	2.24106E-07	2.45273	Week 8 up vs Week 3

10338065	---		1.52307E-05	2.45314	Week 8 up vs Week 3
10551250	---		2.31899E-06	2.45423	Week 8 up vs Week 3
10419726	---		3.79094E-07	2.45464	Week 8 up vs Week 3
10528815	NM_207657 // 5031410I06Rik // RIKEN cDNA 5031410I06 gene // 5 B1 // 381622 /// N	5031410I06Rik	8.54305E-07	2.4556	Week 8 up vs Week 3
10517703	XR_034351 // LOC626000 // similar to Cyclin D3 // 4 D3 // 626000	LOC626000	2.78798E-09	2.4559	Week 8 up vs Week 3
10598794	---		2.44464E-07	2.45772	Week 8 up vs Week 3
10602221	---		2.04575E-06	2.45778	Week 8 up vs Week 3
10598023	---		2.19253E-05	2.45814	Week 8 up vs Week 3
10417239			3.11676E-06	2.45899	Week 8 up vs Week 3
10347919	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	2.79779E-06	2.46344	Week 8 up vs Week 3
10356291	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	2.79779E-06	2.46344	Week 8 up vs Week 3
10522558	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	1.18217E-05	2.46423	Week 8 up vs Week 3
10494423	NM_027126 // Hfe2 // hemochromatosis type 2 (juvenile) (human homolog) // 3 F2.1	Hfe2	0.000232661	2.46664	Week 8 up vs Week 3
10564143	---		0.000288216	2.4677	Week 8 up vs Week 3
10564147	---		0.000288216	2.4677	Week 8 up vs Week 3
10564161	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	0.000136701	2.46894	Week 8 up vs Week 3
10338849	---		0.000213211	2.47024	Week 8 up vs Week 3
10560153	NM_145707 // Obox3 // oocyte specific homeobox 3 // 7 A2 // 246791 /// NM_145709	Obox3	3.59385E-07	2.47163	Week 8 up vs Week 3
10359999	---		3.89411E-06	2.47447	Week 8 up vs Week 3
10340503	---		3.62041E-08	2.47618	Week 8 up vs Week 3
10339118	---		4.37708E-05	2.47878	Week 8 up vs Week 3
10597074	---		1.20007E-06	2.48036	Week 8 up vs Week 3
10412657	---		5.10093E-06	2.48447	Week 8 up vs Week 3
10339625	---		5.49142E-07	2.48719	Week 8 up vs Week 3
10598187	---		0.000247261	2.48805	Week 8 up vs Week 3
10530560	NM_153567 // Slain2 // SLAIN motif family, member 2 // 5 C3.2 // 75991 /// NM_00	Slain2	3.0258E-11	2.48949	Week 8 up vs Week 3
10603228	---		0.000398754	2.49369	Week 8 up vs Week 3
10342987	---		0.000336524	2.4974	Week 8 up vs Week 3
10563935	---		0.000237996	2.49752	Week 8 up vs Week 3
10564045	---		0.000237996	2.49752	Week 8 up vs Week 3
10564047	---		0.000237996	2.49752	Week 8 up vs Week 3
10375791	NM_146909 // Olfr51 // olfactory receptor 51 // 11 B1.3 // 18351 /// NM_147041 /	Olfr51	1.48873E-07	2.50205	Week 8 up vs Week 3
10550189	ENSMUST00000098806 // Gm10679 // predicted gene 10679 // 7 A2 // 100042753 /// E	Gm10679	1.35271E-05	2.50747	Week 8 up vs Week 3
10532592	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	0.00043928	2.50863	Week 8 up vs Week 3
10339969	---		3.8327E-09	2.50884	Week 8 up vs Week 3
10582918	---		3.12351E-05	2.51034	Week 8 up vs Week 3
10532281	NM_001104625 // Vmn2r14 // vomeronasal 2, receptor 14 // 5 F // 231591	Vmn2r14	2.8969E-11	2.51405	Week 8 up vs Week 3
10382321	NM_008425 // Kcnj2 // potassium inwardly-rectifying channel, subfamily J, member	Kcnj2	2.53544E-05	2.51531	Week 8 up vs Week 3
10560160	NM_145707 // Obox3 // oocyte specific homeobox 3 // 7 A2 // 246791 /// NM_145709	Obox3	6.03247E-07	2.51541	Week 8 up vs Week 3
10359689	NM_009721 // Atp1b1 // ATPase, Na+/K+ transporting, beta 1 polypeptide // 1 H2.2	Atp1b1	6.45354E-08	2.51606	Week 8 up vs Week 3
10488804	XR_031617 // Gm14214 // predicted gene 14214 // 2 H1 // 435692	Gm14214	7.02122E-07	2.51685	Week 8 up vs Week 3
10419140	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	4.51402E-06	2.51741	Week 8 up vs Week 3
10341547	---		0.00548069	2.51805	Week 8 up vs Week 3
10494672	NM_009323 // Tbx15 // T-box 15 // 3 F2.2|3 49.0 cM // 21384 /// ENSMUST000000294	Tbx15	0.000965197	2.52276	Week 8 up vs Week 3
10341091	---		8.35954E-06	2.52391	Week 8 up vs Week 3
10477206	NM_001081044 // Mylk2 // myosin, light polypeptide kinase 2, skeletal muscle //	Mylk2	3.33858E-05	2.52518	Week 8 up vs Week 3
10513497	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_00116301	Mup2	5.67128E-07	2.52584	Week 8 up vs Week 3
10549904	NM_009489 // Vmn2r37 // vomeronasal 2, receptor 37 // 7 A1 // 22305 /// NM_00110	Vmn2r37	5.41041E-06	2.52619	Week 8 up vs Week 3
10372230	NM_008657 // Myf6 // myogenic factor 6 // 10 D1|10 59.0 cM // 17878 /// ENSMUST0	Myf6	0.00673721	2.5271	Week 8 up vs Week 3
10523337	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	3.11278E-05	2.52741	Week 8 up vs Week 3
10536025	ENSMUST00000098289 // Gm7682 // predicted gene 7682 // 5 E3|5 // 665551 /// ENSM	Gm7682	3.11278E-05	2.52741	Week 8 up vs Week 3
10598225	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.000928744	2.53098	Week 8 up vs Week 3
10341097	---		2.87369E-05	2.53117	Week 8 up vs Week 3
10417415	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	1.20642E-06	2.53206	Week 8 up vs Week 3
10342087	---		5.17067E-05	2.53856	Week 8 up vs Week 3
10598229	---		0.000113975	2.54721	Week 8 up vs Week 3
10419128	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	0.0000202	2.55072	Week 8 up vs Week 3
10419132	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	0.0000202	2.55072	Week 8 up vs Week 3
10478523	---		1.47949E-10	2.55144	Week 8 up vs Week 3
10342252	---		2.72981E-06	2.55309	Week 8 up vs Week 3
10419525	BC137729 // A930018M24Rik // RIKEN cDNA A930018M24 gene // 14 C1 // 328399	A930018M24Rik	8.56175E-06	2.55367	Week 8 up vs Week 3
10417458	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// ENSMUST0	Gm5458	4.99894E-06	2.55559	Week 8 up vs Week 3
10559883	NM_009493 // Vmn2r42 // vomeronasal 2, receptor 42 // 7 A1|7 4.5 cM // 22310 ///	Vmn2r42	2.87204E-06	2.55601	Week 8 up vs Week 3
10599736	NM_001077361 // Fhl1 // four and a half LIM domains 1 // X A6-A7.1 // 14199 ///	Fhl1	0.000086453	2.55731	Week 8 up vs Week 3
10344481	---		0.00573452	2.55893	Week 8 up vs Week 3

10343174	---		0.000216534	2.56277	Week 8 up vs Week 3
10549923	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	8.29676E-06	2.56295	Week 8 up vs Week 3
10528804	NM_207657 // 5031410I06Rik // RIKEN cDNA 5031410I06 gene // 5 B1 // 381622 /// N	5031410I06Rik	9.05472E-07	2.56505	Week 8 up vs Week 3
10492167	---		3.08987E-06	2.57549	Week 8 up vs Week 3
10549938	NM_001105066 // Vmn2r34 // vomeronasal 2, receptor 34 // 7 A1 // 100042636 /// N	Vmn2r34	4.32913E-06	2.57866	Week 8 up vs Week 3
10343976	---		6.1614E-09	2.58418	Week 8 up vs Week 3
10559871	NM_001105179 // Vmn2r51 // vomeronasal 2, receptor 51 // 7 A1 // 100042921 /// N	Vmn2r51	5.68948E-06	2.58517	Week 8 up vs Week 3
10564183	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.00008381	2.58599	Week 8 up vs Week 3
10339660	---		6.41479E-08	2.58662	Week 8 up vs Week 3
10599092	---		0.00019497	2.58668	Week 8 up vs Week 3
10419147	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	1.61868E-05	2.58751	Week 8 up vs Week 3
10550638	NM_013648 // Rtn2 // reticulon 2 (Z-band associated protein) // 7 A3|7 4.0 cM //	Rtn2	0.000101283	2.58766	Week 8 up vs Week 3
10513455	NM_008647 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_001163011 /	Mup2	1.09866E-06	2.59167	Week 8 up vs Week 3
10344614	---		4.22963E-07	2.59595	Week 8 up vs Week 3
10351293	NM_019759 // Dpt // dermatopontin // 1 H2 // 56429 /// ENSMUST00000027861 // Dpt	Dpt	0.0035411	2.59631	Week 8 up vs Week 3
10513437	NM_008647 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_001045550 /	Mup2	9.23564E-07	2.60378	Week 8 up vs Week 3
10341403	---		1.47407E-08	2.60541	Week 8 up vs Week 3
10496373	NM_030143 // Ddit4l // DNA-damage-inducible transcript 4-like // 3 G3 // 73284 /	Ddit4l	0.000282171	2.61014	Week 8 up vs Week 3
10512499	NM_009416 // Tpm2 // tropomyosin 2, beta // 4 B1 // 22004 /// ENSMUST00000030184	Tpm2	0.000201483	2.61082	Week 8 up vs Week 3
10341434	---		2.35009E-06	2.61086	Week 8 up vs Week 3
10559901	NM_009493 // Vmn2r42 // vomeronasal 2, receptor 42 // 7 A1|7 4.5 cM // 22310 ///	Vmn2r42	1.9979E-06	2.61216	Week 8 up vs Week 3
10347931	AK149712 // G530012D18Rik // RIKEN cDNA G530012D1 gene // --- // 100038536	G530012D18Rik	1.70264E-07	2.61316	Week 8 up vs Week 3
10379731	NM_007969 // Expi // extracellular proteinase inhibitor // 11 C // 14038 /// ENS	Expi	2.50868E-06	2.61838	Week 8 up vs Week 3
10528821	NM_001134299 // Gm10220 // predicted gene 10220 // 5 B1 // 434689 /// NM_207657	Gm10220	2.09542E-07	2.61952	Week 8 up vs Week 3
10342726	---		0.000393087	2.62028	Week 8 up vs Week 3
10340305	---		2.7482E-07	2.6212	Week 8 up vs Week 3
10339946	---		5.06183E-06	2.62526	Week 8 up vs Week 3
10513428	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_008647 /	Mup2	5.98689E-07	2.62602	Week 8 up vs Week 3
10342609	---		0.0128914	2.63302	Week 8 up vs Week 3
10525914	---		4.11706E-05	2.63611	Week 8 up vs Week 3
10532578	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	5.8038E-06	2.63782	Week 8 up vs Week 3
10545283	NM_001160127 // Smyd1 // SET and MYND domain containing 1 // 6 C1|6 30.5 cM // 1	Smyd1	0.000641509	2.63834	Week 8 up vs Week 3
10513420	NM_001134675 // Mup7 // major urinary protein 7 // 4 B3|4 // 100041658 /// NM_00	Mup7	4.76141E-07	2.64629	Week 8 up vs Week 3
10504692	NM_021883 // Tmod1 // tropomodulin 1 // 4 B1|4 21.5 cM // 21916 /// ENSMUST00000	Tmod1	3.60512E-05	2.64975	Week 8 up vs Week 3
10342181	---		1.05477E-06	2.65117	Week 8 up vs Week 3
10342872	---		5.42676E-06	2.65255	Week 8 up vs Week 3
10362458	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.000736202	2.65292	Week 8 up vs Week 3
10589462	U08819 // Mtap4 // microtubule-associated protein 4 // 9 F2|9 58.0 cM // 17758	Mtap4	3.26279E-05	2.65485	Week 8 up vs Week 3
10338628	---		8.86144E-08	2.6575	Week 8 up vs Week 3
10340717	---		3.45612E-08	2.67148	Week 8 up vs Week 3
10343052	---		6.94424E-08	2.68705	Week 8 up vs Week 3
10344440	---		2.5832E-08	2.68777	Week 8 up vs Week 3
10340683	---		1.36463E-05	2.69048	Week 8 up vs Week 3
10582860	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	1.83664E-06	2.69164	Week 8 up vs Week 3
10582877	BC100303 // A530040E14Rik // RIKEN cDNA A530040E14 gene // 1 C5 // 621875 /// EN	A530040E14Rik	1.83664E-06	2.69164	Week 8 up vs Week 3
10412513	NM_001024706 // Gm5458 // predicted gene 5458 // 14 A3|14 // 432825 /// BC100412	Gm5458	1.96368E-06	2.69226	Week 8 up vs Week 3
10534085	NM_011079 // Phkg1 // phosphorylase kinase gamma 1 // 5 G1.3|5 72.0 cM // 18682	Phkg1	7.9544E-06	2.6951	Week 8 up vs Week 3
10350471	---		2.02745E-07	2.69779	Week 8 up vs Week 3
10343529	---		6.11993E-08	2.72	Week 8 up vs Week 3
10564177	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	0.000020675	2.72034	Week 8 up vs Week 3
10341231	---		5.09009E-06	2.72487	Week 8 up vs Week 3
10598169	BC147588 // 4930449I24Rik // RIKEN cDNA 4930449I24 gene // 5 G3 // 67410 /// BC1	4930449I24Rik	1.15331E-05	2.72694	Week 8 up vs Week 3
10345675	NM_008719 // Npas2 // neuronal PAS domain protein 2 // 1 B|1 20.0 cM // 18143 //	Npas2	6.7024E-10	2.73533	Week 8 up vs Week 3
10598227	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	4.98688E-05	2.74285	Week 8 up vs Week 3
10599084	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	3.71547E-05	2.74333	Week 8 up vs Week 3
10339171	---		0.000804921	2.74518	Week 8 up vs Week 3
10339479	---		1.97988E-06	2.74601	Week 8 up vs Week 3
10340418	---		3.73859E-06	2.74654	Week 8 up vs Week 3
10419119	ENSMUST00000095981 // Gm8020 // predicted gene 8020 // 14 B // 666280	Gm8020	5.47563E-06	2.74872	Week 8 up vs Week 3
10499967	XR_032134 // Gm2889 // predicted gene 2889 // 18 A1|18 // 100040658	Gm2889	1.65535E-07	2.75027	Week 8 up vs Week 3
10559894	NM_001105066 // Vmn2r34 // vomeronasal 2, receptor 34 // 7 A1 // 100042636 /// N	Vmn2r34	7.58894E-07	2.75141	Week 8 up vs Week 3
10419116	NM_001098269 // Gm10375 // predicted gene 10375 // 14 C1 // 100042342 /// ENSMUS	Gm10375	7.81719E-06	2.75308	Week 8 up vs Week 3
10342514	---		3.49095E-06	2.75863	Week 8 up vs Week 3
10532574	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	3.44869E-05	2.76114	Week 8 up vs Week 3
10608280	---		0.00244279	2.76424	Week 8 up vs Week 3

10608325	---		0.00244279	2.76424	Week 8 up vs Week 3
10608499	---		0.00244279	2.76424	Week 8 up vs Week 3
10503148	XM_001478429 // LOC100047557 // hypothetical protein LOC100047557 // --- // 1000	LOC100047557	1.79386E-07	2.77222	Week 8 up vs Week 3
10471474	NM_021515 // Ak1 // adenylate kinase 1 // 2 B|2 21.6 cM // 11636 /// ENSMUST0000	Ak1	3.31318E-05	2.78086	Week 8 up vs Week 3
10552919	NM_010473 // Hrc // histidine rich calcium binding protein // 7 B4|7 20.4 cM //	Hrc	0.000017258	2.78108	Week 8 up vs Week 3
10484195	ENSMUST00000099980 // Ttn // titin // 2 D|2 44.0 cM // 22138	Ttn	0.000207535	2.78679	Week 8 up vs Week 3
10453602	XR_032134 // Gm2889 // predicted gene 2889 // 18 A1|18 // 100040658 /// XR_03213	Gm2889	3.89063E-07	2.79645	Week 8 up vs Week 3
10338792	---		6.76856E-09	2.80672	Week 8 up vs Week 3
10608085	XR_032134 // Gm2889 // predicted gene 2889 // 18 A1|18 // 100040658 /// XR_03121	Gm2889	5.08515E-08	2.80845	Week 8 up vs Week 3
10564159	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.58444E-05	2.81052	Week 8 up vs Week 3
10341583	---		0.00095426	2.82832	Week 8 up vs Week 3
10594798	---		4.7109E-07	2.85075	Week 8 up vs Week 3
10490602	NM_007906 // Eef1a2 // eukaryotic translation elongation factor 1 alpha 2 // 2 H	Eef1a2	7.94101E-06	2.85255	Week 8 up vs Week 3
10340195	---		0.000117557	2.86323	Week 8 up vs Week 3
10338861	---		1.087E-11	2.86792	Week 8 up vs Week 3
10340396	---		2.86686E-07	2.8804	Week 8 up vs Week 3
10338149	---		0.000010783	2.88098	Week 8 up vs Week 3
10604656	NM_011725 // Xlr // X-linked lymphocyte-regulated complex // X A5 // 22441 /// E	Xlr	1.80866E-07	2.88657	Week 8 up vs Week 3
10598091	---		9.40977E-07	2.89119	Week 8 up vs Week 3
10532582	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	2.66401E-06	2.89444	Week 8 up vs Week 3
10494160	NM_016712 // Tmod4 // tropomodulin 4 // 3 F2.1|3 52.0 cM // 50874 /// ENSMUST000	Tmod4	4.98597E-05	2.89697	Week 8 up vs Week 3
10569008	NM_007751 // Cox8b // cytochrome c oxidase, subunit VIIIb // 7 F5|7 68.8 cM // 1	Cox8b	0.000197573	2.89881	Week 8 up vs Week 3
10598057	---		9.19679E-05	2.91229	Week 8 up vs Week 3
10340369	---		2.09831E-10	2.91768	Week 8 up vs Week 3
10339223	---		8.25803E-06	2.92552	Week 8 up vs Week 3
10407940	ENSMUST00000103563 // Naip3 // NLR family, apoptosis inhibitory protein 3 // 13	Naip3	1.27145E-09	2.92662	Week 8 up vs Week 3
10424075	XR_030628 // LOC100044384 // hypothetical protein LOC100044384 // --- // 1000443	LOC100044384	8.2498E-08	2.9282	Week 8 up vs Week 3
10378436	NM_011002 // Olfr59 // olfactory receptor 59 // 11 B5 // 18359 /// ENSMUST000001	Olfr59	1.17592E-07	2.93216	Week 8 up vs Week 3
10414241	ENSMUST00000064162 // 1700024B05Rik // RIKEN cDNA 1700024B05 gene // 14 B // 75	1700024B05Rik	6.1082E-07	2.93748	Week 8 up vs Week 3
10563943	---		1.99853E-05	2.93915	Week 8 up vs Week 3
10357001	---		2.35177E-07	2.94961	Week 8 up vs Week 3
10353878	NM_153502 // Ankrd23 // ankyrin repeat domain 23 // 1 B // 78321 /// NM_026241 /	Ankrd23	4.62084E-06	2.95421	Week 8 up vs Week 3
10571167	NM_001013609 // Tex24 // testis expressed gene 24 // 8 A2 // 541463 /// ENSMUST0	Tex24	4.43382E-07	2.96202	Week 8 up vs Week 3
10553477	NM_177694 // Ano5 // anoctamin 5 // 7 B5 // 233246 /// ENSMUST00000043944 // Ano	Ano5	5.65131E-05	2.969	Week 8 up vs Week 3
10362450	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.19594E-05	2.97772	Week 8 up vs Week 3
10341548	---		5.26952E-07	2.98406	Week 8 up vs Week 3
10513467	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_00116301	Mup2	1.91574E-07	2.98562	Week 8 up vs Week 3
10532580	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	5.5784E-09	2.98713	Week 8 up vs Week 3
10426557	NM_021514 // Pfkm // phosphofructokinase, muscle // 15 F1 // 18642 /// ENSMUST00	Pfkm	2.62835E-06	3.00044	Week 8 up vs Week 3
10551966	NM_001012401 // Hspb6 // heat shock protein, alpha-crystallin-related, B6 // 7 B	Hspb6	6.83734E-05	3.00469	Week 8 up vs Week 3
10353307	XM_001478429 // LOC100047557 // hypothetical protein LOC100047557 // --- // 1000	LOC100047557	2.32992E-08	3.01288	Week 8 up vs Week 3
10513504	NM_001045550 // Mup2 // major urinary protein 2 // 4 B3 // 17841 /// NM_00116301	Mup2	9.40521E-08	3.0149	Week 8 up vs Week 3
10341571	---		8.46804E-05	3.01685	Week 8 up vs Week 3
10419125	XR_032222 // Gm5929 // predicted gene 5929 // 14 B // 546249 /// XR_032222 // Gm	Gm5929	1.2614E-06	3.02289	Week 8 up vs Week 3
10423570	---		2.09315E-07	3.03402	Week 8 up vs Week 3
10603242	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000041252	3.04428	Week 8 up vs Week 3
10598081	---		4.05754E-06	3.05029	Week 8 up vs Week 3
10340436	---		1.47814E-10	3.05816	Week 8 up vs Week 3
10419122	ENSMUST00000095981 // Gm8020 // predicted gene 8020 // 14 B // 666280	Gm8020	9.31688E-07	3.05983	Week 8 up vs Week 3
10339078	---		3.89858E-08	3.08271	Week 8 up vs Week 3
10339431	---		2.41247E-05	3.08668	Week 8 up vs Week 3
10343956	---		2.27658E-06	3.09043	Week 8 up vs Week 3
10339376	---		1.02079E-05	3.09342	Week 8 up vs Week 3
10490794	NM_008862 // Pkia // protein kinase inhibitor, alpha // 3 A1 // 18767 /// ENSMUS	Pkia	3.14297E-06	3.1127	Week 8 up vs Week 3
10350199	NM_001081023 // Cacna1s // calcium channel, voltage-dependent, L type, alpha 1S	Cacna1s	4.48028E-05	3.14085	Week 8 up vs Week 3
10340021	---		3.56266E-09	3.16304	Week 8 up vs Week 3
10588203	NM_024291 // Ky // kyphoscoliosis peptidase // 9 F1|9 56.0 cM // 16716 /// ENSMU	Ky	6.64908E-06	3.16791	Week 8 up vs Week 3
10519811	NR_001584 // Speer8-ps1 // spermatogenesis associated glutamate (E)-rich protein	Speer8-ps1	1.05715E-06	3.16985	Week 8 up vs Week 3
10338770	---		4.10644E-07	3.1822	Week 8 up vs Week 3
10410235	XR_030628 // LOC100044384 // hypothetical protein LOC100044384 // --- // 1000443	LOC100044384	4.45653E-08	3.18386	Week 8 up vs Week 3
10532584	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	2.23373E-06	3.23348	Week 8 up vs Week 3
10549917	NM_198961 // Vmn2r43 // vomeronasal 2, receptor 43 // 7 A1 // 381838 /// NM_1989	Vmn2r43	4.90949E-08	3.24597	Week 8 up vs Week 3
10340399	---		4.4081E-08	3.25894	Week 8 up vs Week 3
10598083	---		4.31092E-07	3.25896	Week 8 up vs Week 3
10430140	NM_013593 // Mb // myoglobin // 15 D3|15 43.3 cM // 17189 /// ENSMUST00000019037	Mb	0.000273641	3.29868	Week 8 up vs Week 3

10427622	XR_030763 // LOC100045342 // hypothetical protein LOC100045342 // --- // 1000453	LOC100045342	9.74356E-08	3.30475	Week 8 up vs Week 3
10341953	---		6.64297E-05	3.32576	Week 8 up vs Week 3
10455395	NM_001081180 // Spink5 // serine peptidase inhibitor, Kazal type 5 // 18 B3|18 2	Spink5	9.76765E-07	3.32851	Week 8 up vs Week 3
10587778	---		0.000135127	3.32952	Week 8 up vs Week 3
10490913	NM_007606 // Car3 // carbonic anhydrase 3 // 3 A2|3 11.7 cM // 12350 /// ENSMUST	Car3	5.99413E-05	3.34471	Week 8 up vs Week 3
10340018	---		1.18057E-05	3.36377	Week 8 up vs Week 3
10562784	NM_178067 // Mybpc2 // myosin binding protein C, fast-type // 7 B4 // 233199 ///	Mybpc2	0.000223589	3.38378	Week 8 up vs Week 3
10362462	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.00267464	3.46876	Week 8 up vs Week 3
10551836	NM_009944 // Cox7a1 // cytochrome c oxidase, subunit VIIa 1 // 7 B1|7 8.0 cM //	Cox7a1	6.69263E-06	3.47063	Week 8 up vs Week 3
10338624	---		5.63749E-10	3.47655	Week 8 up vs Week 3
10589703	NM_008522 // Ltf // lactotransferrin // 9 F|9 70.2 cM // 17002 /// ENSMUST000000	Ltf	1.45171E-06	3.50107	Week 8 up vs Week 3
10598075	---		1.31311E-06	3.50323	Week 8 up vs Week 3
10598053	---		8.6623E-06	3.51076	Week 8 up vs Week 3
10338067	---		1.28119E-07	3.58795	Week 8 up vs Week 3
10598077	---		1.33153E-06	3.59677	Week 8 up vs Week 3
10338454	---		7.11009E-07	3.61758	Week 8 up vs Week 3
10342166	---		0.000299162	3.62201	Week 8 up vs Week 3
10362432	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.27062E-09	3.62908	Week 8 up vs Week 3
10608567	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.0199019	3.63158	Week 8 up vs Week 3
10343366	---		3.19991E-06	3.63746	Week 8 up vs Week 3
10598073	---		7.53351E-08	3.65559	Week 8 up vs Week 3
10338809	---		1.55861E-05	3.7431	Week 8 up vs Week 3
10340557	---		3.27717E-07	3.75116	Week 8 up vs Week 3
10339389	---		1.8986E-10	3.75702	Week 8 up vs Week 3
10565137	NM_172904 // Fsd2 // fibronectin type III and SPRY domain containing 2 // 7 D3 /	Fsd2	1.89918E-05	3.77084	Week 8 up vs Week 3
10403834	NM_016687 // Sfrp4 // secreted frizzled-related protein 4 // 13 A2|13 7.0 cM //	Sfrp4	1.51436E-05	3.77973	Week 8 up vs Week 3
10344210	---		9.173E-09	3.78439	Week 8 up vs Week 3
10398859	NM_007421 // Adssl1 // adenylosuccinate synthetase like 1 // 12 F1 // 11565 ///	Adssl1	2.94024E-06	3.7877	Week 8 up vs Week 3
10496405	NM_177860 // Gm5105 // predicted gene 5105 // 3 G3|3 // 329763 /// ENSMUST000000	Gm5105	5.50008E-06	3.79603	Week 8 up vs Week 3
10377148	NM_177369 // Myh8 // myosin, heavy polypeptide 8, skeletal muscle, perinatal //	Myh8	5.02408E-05	3.79967	Week 8 up vs Week 3
10356262	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_013673 //	Gm7609	1.18229E-09	3.8026	Week 8 up vs Week 3
10386262	BC060226 // Obscn // obscurin, cytoskeletal calmodulin and titin-interacting Rho	Obscn	2.17546E-06	3.81483	Week 8 up vs Week 3
10485982	NM_009608 // Actc1 // actin, alpha, cardiac muscle 1 // 2 E4|2 64.0 cM // 11464	Actc1	0.000578564	3.8444	Week 8 up vs Week 3
10342080	---		1.10932E-09	3.8478	Week 8 up vs Week 3
10500469	NM_001039376 // Pde4dip // phosphodiesterase 4D interacting protein (myomegalin)	Pde4dip	1.93842E-07	3.85765	Week 8 up vs Week 3
10600480	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	1.67836E-05	3.86101	Week 8 up vs Week 3
10603230	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	1.67836E-05	3.86101	Week 8 up vs Week 3
10605353	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	1.67836E-05	3.86101	Week 8 up vs Week 3
10460947	NM_011224 // Pygm // muscle glycogen phosphorylase // 19 A|19 2.0 cM // 19309 //	Pygm	2.60273E-06	3.94623	Week 8 up vs Week 3
10362418	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	0.000244735	3.9693	Week 8 up vs Week 3
10608583	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0144434	3.97194	Week 8 up vs Week 3
10598041	---		2.15184E-06	4.00926	Week 8 up vs Week 3
10451665	NM_009694 // Apobec2 // apolipoprotein B mRNA editing enzyme, catalytic polypept	Apobec2	8.26338E-06	4.0334	Week 8 up vs Week 3
10339336	---		1.22668E-10	4.03919	Week 8 up vs Week 3
10598062	---		2.07355E-07	4.05891	Week 8 up vs Week 3
10347583	NM_010043 // Des // desmin // 1 C3|1 41.1 cM // 13346 /// ENSMUST00000027409 //	Des	9.76132E-06	4.08185	Week 8 up vs Week 3
10342428	---		3.27954E-08	4.09866	Week 8 up vs Week 3
10608426	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0123259	4.11563	Week 8 up vs Week 3
10587262	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	2.89161E-05	4.1719	Week 8 up vs Week 3
10468593	NM_008733 // Nrap // nebulin-related anchoring protein // 19 D2|19 53.25 cM // 1	Nrap	3.72611E-06	4.22614	Week 8 up vs Week 3
10442584	NM_025425 // Rpl3l // ribosomal protein L3-like // 17 A3.3 // 66211 /// ENSMUST0	Rpl3l	2.02575E-06	4.25879	Week 8 up vs Week 3
10608531	---		0.00573219	4.27506	Week 8 up vs Week 3
10598064	---		1.38315E-07	4.32188	Week 8 up vs Week 3
10341417	---		3.82612E-07	4.36685	Week 8 up vs Week 3
10464836	NM_013456 // Actn3 // actinin alpha 3 // 19 A|19 3.0 cM // 11474 /// ENSMUST0000	Actn3	0.000170576	4.3937	Week 8 up vs Week 3
10587255	NM_172925 // Klhl31 // kelch-like 31 (Drosophila) // 9 E1 // 244923 /// ENSMUST0	Klhl31	2.20229E-07	4.51643	Week 8 up vs Week 3
10608222	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00936402	4.5576	Week 8 up vs Week 3
10608321	---		0.00936402	4.5576	Week 8 up vs Week 3
10608448	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00936402	4.5576	Week 8 up vs Week 3
10487588	NM_010554 // Il1a // interleukin 1 alpha // 2 F|2 73.0 cM // 16175 /// ENSMUST00	Il1a	5.17841E-06	4.62212	Week 8 up vs Week 3
10361834	NM_138628 // Txlnb // taxilin beta // 10 A2 // 378431 /// ENSMUST00000037964 //	Txlnb	1.53651E-06	4.70185	Week 8 up vs Week 3
10362446	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.54565E-06	4.71122	Week 8 up vs Week 3
10598071	---		1.61514E-07	4.78917	Week 8 up vs Week 3
10341297	---		2.1E-14	4.80448	Week 8 up vs Week 3
10608573	---		0.00719728	4.93467	Week 8 up vs Week 3

10608576	---		0.00719728	4.93467	Week 8 up vs Week 3
10543233	NM_080464 // Ppp1r3a // protein phosphatase 1, regulatory (inhibitor) subunit 3A	Ppp1r3a	1.29936E-05	5.02687	Week 8 up vs Week 3
10377938	NM_007933 // Eno3 // enolase 3, beta muscle // 11 B4|11 42.0 cM // 13808 /// NM_	Eno3	1.08037E-06	5.02769	Week 8 up vs Week 3
10598018	---		9.38161E-08	5.04608	Week 8 up vs Week 3
10556734	NM_054094 // Acsm1 // acyl-CoA synthetase medium-chain family member 1 // 7 F3 /	Acsm1	8.86593E-05	5.10203	Week 8 up vs Week 3
10356274	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	3.3237E-11	5.11785	Week 8 up vs Week 3
10344204	---		2.9E-13	5.1663	Week 8 up vs Week 3
10532586	NM_028901 // Myo18b // myosin XVIIIb // 5 F // 74376 /// BC145218 // Myo18b // m	Myo18b	1.19066E-06	5.21051	Week 8 up vs Week 3
10582879	NM_033616 // Csprs // component of Sp100-rs // 8 B1.3 // 114564 /// NM_001081746	Csprs	4.6505E-11	5.23427	Week 8 up vs Week 3
10528207	NM_001159557 // Cd36 // CD36 antigen // 5 A3|5 2.0 cM // 12491 /// NM_001159558	Cd36	9.91941E-06	5.39334	Week 8 up vs Week 3
10437376	NM_175347 // Srl // sarcalumenin // 16 A1 // 106393 /// ENSMUST00000023161 // Sr	Srl	1.17389E-05	5.47004	Week 8 up vs Week 3
10347915	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	1.03961E-10	5.53024	Week 8 up vs Week 3
10561561	NM_009109 // Ryr1 // ryanodine receptor 1, skeletal muscle // 7 A2-B3|7 10.0 cM	Ryr1	7.95883E-07	5.55235	Week 8 up vs Week 3
10411107	ENSMUST00000062122 // Cmya5 // cardiomyopathy associated 5 // 13 C3 // 76469 ///	Cmya5	2.20593E-07	5.60775	Week 8 up vs Week 3
10347925	NM_001081746 // Gm7609 // predicted gene 7609 // 1 C5 // 665378 /// NM_033616 //	Gm7609	1.61712E-10	5.62439	Week 8 up vs Week 3
10410984	NM_198415 // Ckmt2 // creatine kinase, mitochondrial 2 // 13 C3 // 76722 /// ENS	Ckmt2	8.84674E-06	5.66054	Week 8 up vs Week 3
10417933	NM_021508 // Myoz1 // myozenin 1 // 14 A3 // 59011 /// ENSMUST00000090469 // Myo	Myoz1	3.48111E-06	5.75321	Week 8 up vs Week 3
10342239	---		2.65171E-06	5.91658	Week 8 up vs Week 3
10362404	NM_029726 // Trdn // triadin // 10 A4 // 76757 /// ENSMUST00000050626 // Trdn //	Trdn	4.04835E-06	6.00857	Week 8 up vs Week 3
10407742	NM_033268 // Actn2 // actinin alpha 2 // 13 A1|13 7.0 cM // 11472 /// ENSMUST000	Actn2	5.72853E-07	6.17625	Week 8 up vs Week 3
10472426	NM_001024618 // Xirp2 // xin actin-binding repeat containing 2 // 2 C1.3 // 2414	Xirp2	2.1247E-07	6.22347	Week 8 up vs Week 3
10338192	---		1.02717E-08	6.34152	Week 8 up vs Week 3
10455461	NM_001033621 // Myot // myotilin // 18 B3 // 58916 /// ENSMUST00000025349 // Myo	Myot	7.70903E-07	6.77238	Week 8 up vs Week 3
10559200	NM_009405 // Tnni2 // troponin I, skeletal, fast 2 // 7 F5|7 70.0 cM // 21953 //	Tnni2	5.96873E-08	6.84157	Week 8 up vs Week 3
10557575	NM_016754 // Mylpf // myosin light chain, phosphorylatable, fast skeletal muscle	Mylpf	3.04245E-07	7.26766	Week 8 up vs Week 3
10338355	---		5.64128E-07	7.51439	Week 8 up vs Week 3
10582592	NM_009606 // Acta1 // actin, alpha 1, skeletal muscle // 8 E2|8 67.0 cM // 11459	Acta1	6.99374E-09	7.53247	Week 8 up vs Week 3
10384015	NM_018870 // Pgam2 // phosphoglycerate mutase 2 // 11 A1 // 56012 /// ENSMUST000	Pgam2	3.33231E-08	7.71378	Week 8 up vs Week 3
10559221	NM_011620 // Tnnt3 // troponin T3, skeletal, fast // 7 F5|7 69.0 cM // 21957 ///	Tnnt3	2.29383E-09	8.01165	Week 8 up vs Week 3
10408543	ENSMUST00000057428 // Mylk4 // myosin light chain kinase family, member 4 // 13	Mylk4	1.10626E-06	8.52508	Week 8 up vs Week 3
10371627	NM_175418 // Mybpc1 // myosin binding protein C, slow-type // 10 C1 // 109272 //	Mybpc1	2.17966E-07	9.29228	Week 8 up vs Week 3
10472562	NM_001081087 // Kbtbd10 // kelch repeat and BTB (POZ) domain containing 10 // 2	Kbtbd10	2.1438E-08	9.29956	Week 8 up vs Week 3
10602756	NM_025357 // Smpx // small muscle protein, X-linked // X F4 // 66106 /// ENSMUST	Smpx	5.24166E-06	9.49586	Week 8 up vs Week 3
10340141	---		3.87749E-08	9.73471	Week 8 up vs Week 3
10362440	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	1.18815E-06	9.89036	Week 8 up vs Week 3
10362424	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	7.27274E-07	9.96604	Week 8 up vs Week 3
10550698	NM_007710 // Ckm // creatine kinase, muscle // 7 A3|7 4.5 cM // 12715 /// ENSMUS	Ckm	9.28222E-08	10.1528	Week 8 up vs Week 3
10430297	NM_013645 // Pvalb // parvalbumin // 15 E|15 45.7 cM // 19293 /// ENSMUST0000012	Pvalb	7.30026E-07	10.4263	Week 8 up vs Week 3
10362420	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.3435E-09	11.9511	Week 8 up vs Week 3
10360235	NM_009813 // Casq1 // calsequestrin 1 // 1 H3|1 94.0 cM // 12372 /// ENSMUST0000	Casq1	4.10156E-08	11.982	Week 8 up vs Week 3
10355259	NM_021285 // Myl1 // myosin, light polypeptide 1 // 1 C3|1 34.1 cM // 17901 ///	Myl1	5.82411E-09	12.647	Week 8 up vs Week 3
10377055	NM_001039545 // Myh2 // myosin, heavy polypeptide 2, skeletal muscle, adult // 1	Myh2	1.90967E-08	12.8779	Week 8 up vs Week 3
10362442	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	7.18908E-08	13.6095	Week 8 up vs Week 3
10377087	NM_030679 // Myh1 // myosin, heavy polypeptide 1, skeletal muscle, adult // 11 B	Myh1	2.21458E-09	14.1028	Week 8 up vs Week 3
10377018	NM_001099635 // Myh3 // myosin, heavy polypeptide 3, skeletal muscle, embryonic	Myh3	8.94635E-05	15.0425	Week 8 up vs Week 3
10482528	NM_010889 // Neb // nebulin // 2 C1.1|2 30.0 cM // 17996 /// ENSMUST00000075301	Neb	6.1921E-10	15.9842	Week 8 up vs Week 3
10436128	XM_001002743 // Myh15 // myosin, heavy chain 15 // 16 B5 // 667772	Myh15	0.000219116	17.9947	Week 8 up vs Week 3
10362434	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	5.21094E-10	18.1968	Week 8 up vs Week 3
10567879	NM_007504 // Atp2a1 // ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	Atp2a1	2.1176E-11	20.8466	Week 8 up vs Week 3
10362428	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	2.20443E-09	21.0008	Week 8 up vs Week 3
10489545	NM_009394 // Tnnc2 // troponin C2, fast // 2 H3 // 21925 /// ENSMUST00000103095	Tnnc2	1.704E-11	21.2443	Week 8 up vs Week 3
10377117	NM_010855 // Myh4 // myosin, heavy polypeptide 4, skeletal muscle // 11 B3|11 35	Myh4	2.38706E-08	25.2339	Week 8 up vs Week 3
10362436	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	3.43254E-09	27.5284	Week 8 up vs Week 3
10483871	NM_011652 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// NM_028004 // Ttn // titi	Ttn	4.086E-12	27.9263	Week 8 up vs Week 3
10484190	ENSMUST00000099981 // Ttn // titin // 2 D|2 44.0 cM // 22138 /// ENSMUST00000070	Ttn	5.39129E-09	31.6612	Week 8 up vs Week 3
10362422	NM_029726 // Trdn // triadin // 10 A4 // 76757	Trdn	8.7728E-11	36.4011	Week 8 up vs Week 3

Week 8 vs 6 differentially expressed transcript cluster list

Column ID	Gene_assignment	Gene Symbol	p-value(Week 8 vs. Week 6)	Fold-Change(Week 8 vs. Week 6)	Fold-Change(Week 8 vs. Week 6) (Description)
10608001	NM_012011 // Eif2s3y // eukaryotic translation initiation factor 2, subunit 3, s	Eif2s3y	1.31685E-05	-45.749	Week 8 down vs Week 6
10608138	NM_012008 // Ddx3y // DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked // Y A1	Ddx3y	2.57283E-05	-31.0529	Week 8 down vs Week 6
10608107	NM_009484 // Uty // ubiquitously transcribed tetratricopeptide repeat gene, Y ch	Uty	2.59845E-05	-21.4617	Week 8 down vs Week 6
10608454	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.000513019	-12.9389	Week 8 down vs Week 6
10608457	BC117086 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 700	Ssty2	0.000523045	-12.864	Week 8 down vs Week 6
10608339	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.000520834	-12.5591	Week 8 down vs Week 6
10608484	BC089465 // MGC107098 // similar to spermiogenesis specific transcript on the Y	MGC107098	0.000510568	-12.4326	Week 8 down vs Week 6
10608373	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.000523514	-11.861	Week 8 down vs Week 6
10608608	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.000495538	-11.8239	Week 8 down vs Week 6
10608477	BC089498 // LOC434960 // similar to spermiogenesis specific transcript on the Y	LOC434960	0.000531343	-11.8001	Week 8 down vs Week 6
10608606			0.000900842	-11.6478	Week 8 down vs Week 6
10608295	M38248 // LOC100039753 // similar to putative // Y B // 100039753 /// BC089466 /	LOC100039753	0.000743051	-11.5573	Week 8 down vs Week 6
10608277	ENSMUST00000100255 // LOC100041207 // similar to MGC107098 protein // --- // 100	LOC100041207	0.000509804	-11.327	Week 8 down vs Week 6
10608501	ENSMUST00000100255 // LOC100041207 // similar to MGC107098 protein // --- // 100	LOC100041207	0.000509804	-11.327	Week 8 down vs Week 6
10608348	L04852 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70009	Ssty2	0.00063955	-11.1191	Week 8 down vs Week 6
10608377	BC049586 // LOC382133 // similar to RIKEN cDNA 1700029H17 // Y C2 // 382133 ///	LOC382133	0.000903134	-11.0222	Week 8 down vs Week 6
10608327	BC089467 // LOC100040031 // hypothetical protein LOC100040031 // --- // 10004003	LOC100040031	0.000914651	-10.3815	Week 8 down vs Week 6
10608365	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.000732057	-10.0342	Week 8 down vs Week 6
10608452	BC089466 // LOC100041256 // hypothetical protein LOC100041256 // --- // 10004125	LOC100041256	0.00116981	-9.90236	Week 8 down vs Week 6
10608368	BC089466 // LOC100041256 // hypothetical protein LOC100041256 // --- // 10004125	LOC100041256	0.00109762	-9.76992	Week 8 down vs Week 6
10608549	L04850 // LOC100042428 // spermiogenesis specific transcript on the Y 2-like //	LOC100042428	0.000747181	-9.41229	Week 8 down vs Week 6
10608346	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.000886555	-9.12494	Week 8 down vs Week 6
10608282	L04848 // LOC434960 // similar to spermiogenesis specific transcript on the Y 2	LOC434960	0.00093911	-8.99717	Week 8 down vs Week 6
10608350	ENSMUST00000111407 // LOC100039552 // similar to spermiogenesis specific transcr	LOC100039552	0.000249531	-8.98256	Week 8 down vs Week 6
10608482	ENSMUST00000115889 // LOC665746 // similar to spermiogenesis specific transcript	LOC665746	0.000237464	-8.78261	Week 8 down vs Week 6
10340474	---		0.00145611	-8.68484	Week 8 down vs Week 6
10608613	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.000552749	-8.24966	Week 8 down vs Week 6
10608506	L04851 // LOC100039614 // hypothetical protein LOC100039614 // --- // 100039614	LOC100039614	0.00131128	-8.06954	Week 8 down vs Week 6
10608247	ENSMUST00000105540 // LOC100042196 // similar to spermiogenesis specific transcr	LOC100042196	0.000589326	-7.84348	Week 8 down vs Week 6
10338365	---		2.60997E-08	-7.64812	Week 8 down vs Week 6
10608521	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000184819	-7.60014	Week 8 down vs Week 6
10608420	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000425739	-7.55191	Week 8 down vs Week 6
10608480	XR_030669 // LOC100039147 // similar to spermiogenesis specific transcript on th	LOC100039147	0.00118773	-7.47751	Week 8 down vs Week 6
10608361	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.000521694	-7.47638	Week 8 down vs Week 6
10608424	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.00036557	-7.43683	Week 8 down vs Week 6
10608371	ENSMUST00000115943 // LOC665406 // similar to spermiogenesis specific transcript	LOC665406	0.000525942	-7.32416	Week 8 down vs Week 6
10608440			0.0013854	-7.24336	Week 8 down vs Week 6
10608628	ENSMUST00000106010 // LOC100041704 // similar to spermiogenesis specific transcr	LOC100041704	0.000576636	-7.21131	Week 8 down vs Week 6
10608222	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00117398	-7.19092	Week 8 down vs Week 6
10608321	---		0.00117398	-7.19092	Week 8 down vs Week 6
10608448	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.00117398	-7.19092	Week 8 down vs Week 6
10344194	---		2.9682E-11	-7.12189	Week 8 down vs Week 6
10608460	ENSMUST00000115908 // LOC665698 // similar to spermiogenesis specific transcript	LOC665698	9.63682E-05	-6.98526	Week 8 down vs Week 6
10608573	---		0.00154409	-6.94571	Week 8 down vs Week 6
10608576	---		0.00154409	-6.94571	Week 8 down vs Week 6
10608488	ENSMUST00000108733 // LOC665128 // similar to spermiogenesis specific transcript	LOC665128	0.000305829	-6.90831	Week 8 down vs Week 6
10608342	ENSMUST00000115954 // LOC665346 // similar to spermiogenesis specific transcript	LOC665346	0.000575079	-6.8661	Week 8 down vs Week 6
10607972	NM_011419 // Kdm5d // lysine (K)-specific demethylase 5D // Y A1 // 20592 /// EN	Kdm5d	8.62233E-05	-6.83524	Week 8 down vs Week 6
10608273	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000961031	-6.40273	Week 8 down vs Week 6
10343652	---		8.85901E-09	-6.03689	Week 8 down vs Week 6
10430723	AJ006341 // Slc25a17 // solute carrier family 25 (mitochondrial carrier, peroxis	Slc25a17	5E-15	-5.99989	Week 8 down vs Week 6
10608630	NM_023546 // Ssty2 // spermiogenesis specific transcript on the Y 2 // Y D // 70	Ssty2	0.00152944	-5.95839	Week 8 down vs Week 6
10608382	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00323219	-5.67987	Week 8 down vs Week 6
10608293	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.00591089	-5.66947	Week 8 down vs Week 6
10608302	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000506208	-5.66744	Week 8 down vs Week 6
10339880	---		1.82688E-07	-5.56646	Week 8 down vs Week 6
10608474	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0035222	-5.53255	Week 8 down vs Week 6
10340337	---		1.4839E-11	-5.47645	Week 8 down vs Week 6
10608583	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00337125	-5.4727	Week 8 down vs Week 6
10608615	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	8.21484E-05	-5.43662	Week 8 down vs Week 6
10608426	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00346835	-5.43581	Week 8 down vs Week 6
10497135	NM_029987 // Rpe65 // retinal pigment epithelium 65 // 3 H4|3 87.6 cM // 19892 /	Rpe65	0.000918436	-5.28883	Week 8 down vs Week 6
10608317	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000212105	-5.1426	Week 8 down vs Week 6

10548653	NM_001024705 // Prpmp5 // proline-rich protein MP5 // 6 G1 // 381832 /// ENSMUST	Prpmp5	3.42126E-05	-5.07877	Week 8 down vs Week 6
10608567	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.00447	-5.05297	Week 8 down vs Week 6
10608531	---		0.0024723	-5.04276	Week 8 down vs Week 6
10341702	---		2.14605E-09	-5.04195	Week 8 down vs Week 6
10608313	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000203901	-4.95804	Week 8 down vs Week 6
10608625	XR_035752 // LOC665448 // similar to spermiogenesis specific transcript on the Y	LOC665448	0.00414073	-4.78169	Week 8 down vs Week 6
10339478	---		4.48933E-10	-4.68137	Week 8 down vs Week 6
10343512	---		4.7041E-11	-4.54187	Week 8 down vs Week 6
10608517	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000422217	-4.53368	Week 8 down vs Week 6
10608209	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00863553	-4.50089	Week 8 down vs Week 6
10338185	---		1.76478E-06	-4.49158	Week 8 down vs Week 6
10608263	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	2.54815E-05	-4.48319	Week 8 down vs Week 6
10608596	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.00659726	-4.43787	Week 8 down vs Week 6
10339283	---		2.9529E-11	-4.3788	Week 8 down vs Week 6
10608394	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0116679	-4.37256	Week 8 down vs Week 6
10341402	---		1.28635E-09	-4.32345	Week 8 down vs Week 6
10343229	---		2.77963E-07	-4.30962	Week 8 down vs Week 6
10608385	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000132326	-4.29112	Week 8 down vs Week 6
10586166	---		2E-15	-4.28599	Week 8 down vs Week 6
10342422	---		2.38445E-10	-4.2843	Week 8 down vs Week 6
10608308	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0130519	-4.26123	Week 8 down vs Week 6
10608554			0.00320201	-4.17172	Week 8 down vs Week 6
10608429	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	3.77808E-05	-4.17117	Week 8 down vs Week 6
10341659	---		3.532E-12	-4.12297	Week 8 down vs Week 6
10343467	---		3.32748E-05	-4.06983	Week 8 down vs Week 6
10608237	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000165212	-4.06196	Week 8 down vs Week 6
10608397	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000165212	-4.06196	Week 8 down vs Week 6
10608586	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000165212	-4.06196	Week 8 down vs Week 6
10608492	BC099537 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	0.000210972	-4.00604	Week 8 down vs Week 6
10339950	---		5.38306E-08	-3.96973	Week 8 down vs Week 6
10339426	---		3.39E-13	-3.93335	Week 8 down vs Week 6
10608551			0.0113637	-3.93019	Week 8 down vs Week 6
10343061	---		1.8486E-11	-3.88323	Week 8 down vs Week 6
10400321	NM_134054 // 1110002B05Rik // RIKEN cDNA 1110002B05 gene // 12 C1 // 104725 ///	1110002B05Rik	1.7E-14	-3.78184	Week 8 down vs Week 6
10608330	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000116262	-3.77191	Week 8 down vs Week 6
10341035	---		1.45807E-05	-3.77013	Week 8 down vs Week 6
10340614	---		6.34015E-09	-3.76622	Week 8 down vs Week 6
10608557	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	5.76094E-05	-3.76096	Week 8 down vs Week 6
10608410	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000233667	-3.7543	Week 8 down vs Week 6
10344143	---		1.15501E-07	-3.72854	Week 8 down vs Week 6
10340352	---		3.39829E-09	-3.715	Week 8 down vs Week 6
10608603			0.00505587	-3.71468	Week 8 down vs Week 6
10342759	---		0.000393217	-3.70613	Week 8 down vs Week 6
10341211	---		3.77179E-06	-3.6883	Week 8 down vs Week 6
10342968	---		2.98699E-07	-3.68435	Week 8 down vs Week 6
10338796	---		6E-15	-3.68427	Week 8 down vs Week 6
10341290	---		5.40748E-09	-3.67598	Week 8 down vs Week 6
10341613	---		7.8824E-08	-3.67567	Week 8 down vs Week 6
10340417	---		1.6534E-09	-3.65642	Week 8 down vs Week 6
10608212	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000168664	-3.656	Week 8 down vs Week 6
10338200	---		2.66178E-08	-3.64028	Week 8 down vs Week 6
10608464	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	9.67563E-05	-3.63796	Week 8 down vs Week 6
10608251	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// BC	LOC380994	0.000111159	-3.62795	Week 8 down vs Week 6
10343586	---		9.06119E-08	-3.61766	Week 8 down vs Week 6
10608523	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994 /// EN	LOC380994	0.00050388	-3.61154	Week 8 down vs Week 6
10431872	ENSMUST00000100262 // Slc38a1 // solute carrier family 38, member 1 // 15 F1 //	Slc38a1	8.56061E-10	-3.60799	Week 8 down vs Week 6
10462912	NM_020278 // Lgi1 // leucine-rich repeat LGI family, member 1 // 19 C3 // 56839	Lgi1	2.43379E-06	-3.60311	Week 8 down vs Week 6
10342150	---		1.10963E-08	-3.58094	Week 8 down vs Week 6
10339820	---		2.65E-13	-3.57365	Week 8 down vs Week 6
10341699	---		0	-3.55835	Week 8 down vs Week 6
10339167	---		0.000306982	-3.55113	Week 8 down vs Week 6
10567589	NM_001033173 // Usp31 // ubiquitin specific peptidase 31 // 7 F2 // 76179 /// EN	Usp31	0	-3.53513	Week 8 down vs Week 6
10603059	NM_020626 // Tmem27 // transmembrane protein 27 // X F5 // 57394 /// ENSMUST0000	Tmem27	7.95213E-05	-3.53223	Week 8 down vs Week 6
10341886	---		5.92804E-08	-3.51851	Week 8 down vs Week 6
10608260	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550 /// EU0522	Srsy	0.010411	-3.51705	Week 8 down vs Week 6

10608513	NM_009220 // Ssty1 // spermiogenesis specific transcript on the Y 1 // Y A1 // 2	Ssty1	0.000912912	-3.51567	Week 8 down vs Week 6
10343820	---		3.52878E-09	-3.51232	Week 8 down vs Week 6
10344044	---		2.41988E-08	-3.5073	Week 8 down vs Week 6
10340478	---		1.38892E-06	-3.5039	Week 8 down vs Week 6
10340719	---		2.71525E-05	-3.48644	Week 8 down vs Week 6
10339900	---		0.00006538	-3.46331	Week 8 down vs Week 6
10369842	---		8.85977E-09	-3.45308	Week 8 down vs Week 6
10342364	---		2.42384E-05	-3.44835	Week 8 down vs Week 6
10342476	---		0.0052253	-3.43793	Week 8 down vs Week 6
10344177	---		1.31894E-05	-3.4197	Week 8 down vs Week 6
10338113	---		1.71285E-05	-3.41882	Week 8 down vs Week 6
10340879	---		3.61601E-06	-3.39467	Week 8 down vs Week 6
10608539	NM_201530 // Sly // Sycp3 like Y-linked // Y C2 // 382301 /// BC049626 // Sly //	Sly	0.000195874	-3.39135	Week 8 down vs Week 6
10340402	---		1.38712E-09	-3.39041	Week 8 down vs Week 6
10341406	---		0.000001121	-3.3714	Week 8 down vs Week 6
10343189	---		0.000330473	-3.33614	Week 8 down vs Week 6
10341109	---		5.14141E-06	-3.33209	Week 8 down vs Week 6
10343279	---		3.44316E-07	-3.33009	Week 8 down vs Week 6
10343533	---		0.000158913	-3.32659	Week 8 down vs Week 6
10436598	ENSMUST00000068704 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 //	2810055G20Rik	2.50821E-06	-3.3155	Week 8 down vs Week 6
10343833	---		5.49121E-06	-3.29716	Week 8 down vs Week 6
10583312	AK161656 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA polym	Taf1d	6.3797E-11	-3.29099	Week 8 down vs Week 6
10339182	---		6.41397E-06	-3.29042	Week 8 down vs Week 6
10342148	---		9.64936E-06	-3.28908	Week 8 down vs Week 6
10342036	---		6.46344E-07	-3.28671	Week 8 down vs Week 6
10608407	EU052291 // Srsy // serine-rich, secreted, Y-linked // Y A1 // 385550	Srsy	0.0133072	-3.28585	Week 8 down vs Week 6
10461158	AK051045 // Snhg1 // small nucleolar RNA host gene (non-protein coding) 1 // 19	Snhg1	3.9213E-11	-3.28289	Week 8 down vs Week 6
10338199	---		2.52574E-06	-3.27803	Week 8 down vs Week 6
10339909	---		3.68518E-05	-3.27739	Week 8 down vs Week 6
10342234	---		6.68288E-06	-3.27434	Week 8 down vs Week 6
10341761	---		1.31239E-10	-3.27267	Week 8 down vs Week 6
10343352	---		1.02927E-07	-3.26968	Week 8 down vs Week 6
10343025	---		4E-14	-3.26458	Week 8 down vs Week 6
10343811	---		2.51328E-08	-3.25813	Week 8 down vs Week 6
10351041	---		2.45804E-10	-3.24766	Week 8 down vs Week 6
10342624	---		2.18686E-05	-3.24092	Week 8 down vs Week 6
10338769	---		4.73E-13	-3.23741	Week 8 down vs Week 6
10501802	NM_178936 // Tmem56 // transmembrane protein 56 // 3 G3 // 99887 /// ENSMUST0000	Tmem56	1.64501E-05	-3.23673	Week 8 down vs Week 6
10608438	XR_031432 // LOC621831 // similar to Sycp3 like Y-linked // --- // 621831	LOC621831	0.000759686	-3.21913	Week 8 down vs Week 6
10344542	---		9.21E-13	-3.20922	Week 8 down vs Week 6
10529977	NM_008904 // Ppargc1a // peroxisome proliferative activated receptor, gamma, coa	Ppargc1a	7.57096E-10	-3.20822	Week 8 down vs Week 6
10338851	---		3.23266E-10	-3.20233	Week 8 down vs Week 6
10343666	---		3.0001E-08	-3.20054	Week 8 down vs Week 6
10499948	NM_001039594 // Lce3a // late cornified envelope 3A // 3 F1|3 // 545548 /// ENSM	Lce3a	5.50477E-10	-3.19719	Week 8 down vs Week 6
10340209	---		6.83007E-08	-3.19632	Week 8 down vs Week 6
10338232	---		8.38283E-09	-3.19476	Week 8 down vs Week 6
10343675	---		4.89027E-08	-3.1932	Week 8 down vs Week 6
10367436	NM_001042580 // Cd63 // CD63 antigen // 10 D3|10 72.0 cM // 12512 /// NM_007653	Cd63	6.36968E-06	-3.19304	Week 8 down vs Week 6
10339685	---		2.56E-13	-3.19229	Week 8 down vs Week 6
10343190	---		3.68202E-08	-3.18876	Week 8 down vs Week 6
10608352	BC100464 // LOC380994 // similar to Sycp3 like Y-linked // Y A1 // 380994	LOC380994	8.97582E-05	-3.18856	Week 8 down vs Week 6
10343766	---		1.36603E-06	-3.18073	Week 8 down vs Week 6
10343307	---		5.95291E-07	-3.15958	Week 8 down vs Week 6
10462623	NM_008331 // Ifit1 // interferon-induced protein with tetratricopeptide repeats	Ifit1	2.38062E-05	-3.15728	Week 8 down vs Week 6
10344273	---		4.74587E-07	-3.15081	Week 8 down vs Week 6
10339114	---		9.12E-13	-3.14934	Week 8 down vs Week 6
10342657	---		2.00624E-07	-3.14201	Week 8 down vs Week 6
10340090	---		1.24719E-09	-3.12495	Week 8 down vs Week 6
10366163	NM_175328 // Slc6a15 // solute carrier family 6 (neurotransmitter transporter),	Slc6a15	8.93709E-05	-3.11423	Week 8 down vs Week 6
10343972	---		1.49673E-06	-3.1123	Week 8 down vs Week 6
10340560	---		0.000286637	-3.0916	Week 8 down vs Week 6
10343609	---		0.00228854	-3.09087	Week 8 down vs Week 6
10341866	---		3.32659E-08	-3.08394	Week 8 down vs Week 6
10538269	---		7.43353E-10	-3.08156	Week 8 down vs Week 6
10342706	---		4.08316E-06	-3.07895	Week 8 down vs Week 6

10342959	---		3.14223E-05	-3.07833	Week 8 down vs Week 6
10339543	---		4.0463E-06	-3.07225	Week 8 down vs Week 6
10343373	---		1.02264E-05	-3.07195	Week 8 down vs Week 6
10343979	---		3.13515E-09	-3.07184	Week 8 down vs Week 6
10343785	---		4.55121E-10	-3.06837	Week 8 down vs Week 6
10608226			0.000237669	-3.06459	Week 8 down vs Week 6
10341571	---		7.35094E-05	-3.05591	Week 8 down vs Week 6
10565422	NM_011661 // Tyr // tyrosinase // 7 D3-E1|7 44.0 cM // 22173 /// ENSMUST00000004	Tyr	0.000943969	-3.0363	Week 8 down vs Week 6
10343435	---		2.4348E-06	-3.03479	Week 8 down vs Week 6
10342411	---		1.7353E-07	-3.02282	Week 8 down vs Week 6
10506736	NM_010760 // Magoh // mago-nashi homolog, proliferation-associated (Drosophila)	Magoh	4.66878E-10	-3.02142	Week 8 down vs Week 6
10428619	NM_015744 // Enpp2 // ectonucleotide pyrophosphatase/phosphodiesterase 2 // 15 D	Enpp2	0.000152088	-3.01734	Week 8 down vs Week 6
10342634	---		4.24862E-09	-3.01693	Week 8 down vs Week 6
10342574	---		2.26509E-08	-3.00893	Week 8 down vs Week 6
10340393	---		5.94298E-09	-3.00688	Week 8 down vs Week 6
10341778	---		2.96744E-10	-3.0051	Week 8 down vs Week 6
10340180	---		1.35652E-06	-2.99987	Week 8 down vs Week 6
10344270	---		8.45308E-08	-2.99913	Week 8 down vs Week 6
10341429	---		5.09407E-06	-2.99222	Week 8 down vs Week 6
10340565	---		7.21292E-06	-2.9885	Week 8 down vs Week 6
10343936	---		7.45108E-07	-2.98833	Week 8 down vs Week 6
10343042	---		4.84242E-09	-2.97532	Week 8 down vs Week 6
10341840	---		2.04412E-06	-2.96835	Week 8 down vs Week 6
10339743	---		5.39243E-05	-2.95853	Week 8 down vs Week 6
10571815	NM_153581 // Gpm6a // glycoprotein m6a // 8 B3.2 // 234267 /// ENSMUST0000003391	Gpm6a	4.78708E-05	-2.9484	Week 8 down vs Week 6
10338085	---		5.9989E-08	-2.93068	Week 8 down vs Week 6
10344312	---		5.50636E-06	-2.91927	Week 8 down vs Week 6
10557058	ENSMUST00000098072 // Polr3e // polymerase (RNA) III (DNA directed) polypeptide	Polr3e	1.823E-12	-2.91506	Week 8 down vs Week 6
10341823	---		1.21063E-08	-2.91366	Week 8 down vs Week 6
10343444	---		2.77713E-05	-2.9116	Week 8 down vs Week 6
10341846	---		1.44287E-07	-2.90718	Week 8 down vs Week 6
10344247	---		3.21008E-09	-2.90636	Week 8 down vs Week 6
10343233	---		3.73707E-09	-2.90558	Week 8 down vs Week 6
10343908	---		5.10595E-09	-2.90481	Week 8 down vs Week 6
10338489	---		3.85097E-07	-2.89564	Week 8 down vs Week 6
10338527	---		0.00287099	-2.89497	Week 8 down vs Week 6
10482795	NM_029972 // Ermn // ermin, ERM-like protein // 2 C2|2 // 77767 /// ENSMUST00000	Ermn	5.08221E-05	-2.87985	Week 8 down vs Week 6
10498978	NM_023624 // Lrat // lecithin-retinol acyltransferase (phosphatidylcholine-retin	Lrat	0.000178341	-2.87787	Week 8 down vs Week 6
10338104	---		6.93062E-10	-2.87483	Week 8 down vs Week 6
10397530	NM_026958 // 1810035L17Rik // RIKEN cDNA 1810035L17 gene // 12 E // 380773 /// E	1810035L17Rik	1.51E-13	-2.87373	Week 8 down vs Week 6
10542317	NM_009875 // Cdkn1b // cyclin-dependent kinase inhibitor 1B // 6 G1|6 62.0 cM //	Cdkn1b	8.2657E-11	-2.86857	Week 8 down vs Week 6
10343801	---		3.451E-12	-2.85636	Week 8 down vs Week 6
10344026	---		3.32093E-06	-2.85067	Week 8 down vs Week 6
10339220	---		6.35021E-06	-2.84408	Week 8 down vs Week 6
10338391	---		2.0096E-11	-2.8423	Week 8 down vs Week 6
10339345	---		4.60657E-06	-2.83142	Week 8 down vs Week 6
10342767	---		7.84671E-10	-2.82825	Week 8 down vs Week 6
10604226	NM_021550 // C1galt1c1 // C1GALT1-specific chaperone 1 // X A2 // 59048 /// ENSM	C1galt1c1	3.2013E-11	-2.82349	Week 8 down vs Week 6
10339033	---		1.65357E-07	-2.82191	Week 8 down vs Week 6
10343952	---		1.23846E-05	-2.81564	Week 8 down vs Week 6
10343241	---		1.89654E-06	-2.80985	Week 8 down vs Week 6
10341019	---		1.92114E-05	-2.80692	Week 8 down vs Week 6
10344367	---		1.83323E-07	-2.80676	Week 8 down vs Week 6
10603266	NM_001031664 // Nudt10 // nudix (nucleoside diphosphate linked moiety X)-type mo	Nudt10	9.06174E-07	-2.80416	Week 8 down vs Week 6
10340179	---		0.000140326	-2.79994	Week 8 down vs Week 6
10461160	---		2.188E-11	-2.79953	Week 8 down vs Week 6
10342923	---		0.000143681	-2.79888	Week 8 down vs Week 6
10341672	---		0.00167489	-2.79205	Week 8 down vs Week 6
10339829	---		2.41048E-06	-2.78926	Week 8 down vs Week 6
10343292	---		7.05613E-10	-2.78782	Week 8 down vs Week 6
10338537	---		4.24753E-05	-2.77988	Week 8 down vs Week 6
10343296	---		1.53872E-05	-2.77665	Week 8 down vs Week 6
10339789	---		1.34958E-05	-2.77553	Week 8 down vs Week 6
10341508	---		1.61317E-09	-2.77326	Week 8 down vs Week 6
10585976	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	7.81195E-07	-2.7693	Week 8 down vs Week 6

10356403	NM_001110227 // Kcnj13 // potassium inwardly-rectifying channel, subfamily J, me	Kcnj13	0.00234823	-2.76737	Week 8 down vs Week 6
10475567	NM_175034 // Slc24a5 // solute carrier family 24, member 5 // 2 F1 // 317750 ///	Slc24a5	0.00156527	-2.75897	Week 8 down vs Week 6
10567366	NM_025989 // Gp2 // glycoprotein 2 (zymogen granule membrane) // 7 F1-F2|7 55.0	Gp2	7.85205E-07	-2.75511	Week 8 down vs Week 6
10339324	---		1.08702E-09	-2.75392	Week 8 down vs Week 6
10338560	---		4.98879E-05	-2.75239	Week 8 down vs Week 6
10343393	---		1.14985E-05	-2.7486	Week 8 down vs Week 6
10343698	---		2.4642E-07	-2.74705	Week 8 down vs Week 6
10341116	---		8.46472E-07	-2.74386	Week 8 down vs Week 6
10340127	---		7.81779E-07	-2.7412	Week 8 down vs Week 6
10344216	---		1.11389E-07	-2.7394	Week 8 down vs Week 6
10427436	ENSMUST00000110689 // C7 // complement component 7 // 15 A1|15 3.0 cM // 109828	C7	7.4902E-07	-2.73661	Week 8 down vs Week 6
10365987	NM_008438 // Kera // keratocan // 10 C3|10 61.0 cM // 16545 /// ENSMUST000001052	Kera	0.000128351	-2.73466	Week 8 down vs Week 6
10338643	---		2.98167E-05	-2.73033	Week 8 down vs Week 6
10451828	NM_018751 // Sult1c1 // sulfotransferase family, cytosolic, 1C, member 1 // 17 C	Sult1c1	3.16335E-08	-2.7291	Week 8 down vs Week 6
10340026	---		2.10729E-05	-2.72628	Week 8 down vs Week 6
10601878	NM_146236 // Tceal1 // transcription elongation factor A (SII)-like 1 // X F1 //	Tceal1	1.5065E-11	-2.72541	Week 8 down vs Week 6
10341041	---		1.72631E-05	-2.7248	Week 8 down vs Week 6
10340459	---		3.42748E-06	-2.72078	Week 8 down vs Week 6
10341849	---		2.26068E-07	-2.72043	Week 8 down vs Week 6
10372383	BC051527 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 320150	Zdhhc17	6.25553E-06	-2.71612	Week 8 down vs Week 6
10338416	---		2.39573E-05	-2.71342	Week 8 down vs Week 6
10340525	---		3.88766E-07	-2.71036	Week 8 down vs Week 6
10395259	NM_021524 // Nampt // nicotinamide phosphoribosyltransferase // 12 B1 // 59027 /	Nampt	3.18573E-07	-2.70608	Week 8 down vs Week 6
10403229	NM_177290 // Itgb8 // integrin beta 8 // 12 F2 // 320910 /// ENSMUST00000026360	Itgb8	0.000788325	-2.70344	Week 8 down vs Week 6
10495035	NM_009196 // Slc16a1 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a1	2.01747E-05	-2.7022	Week 8 down vs Week 6
10343792	---		7.65356E-06	-2.69773	Week 8 down vs Week 6
10339844	---		0.000198738	-2.69554	Week 8 down vs Week 6
10423941	NM_025736 // Ttc35 // tetratricopeptide repeat domain 35 // 15 B3.2 // 66736 ///	Ttc35	6.76125E-09	-2.69031	Week 8 down vs Week 6
10360463	NM_176916 // Pld5 // phospholipase D family, member 5 // 1 H4 // 319455 /// ENSM	Pld5	0.000112001	-2.69014	Week 8 down vs Week 6
10475625	NM_025613 // Eid1 // EP300 interacting inhibitor of differentiation 1 // 2 F1 //	Eid1	3.30341E-08	-2.69008	Week 8 down vs Week 6
10469389	NM_001012305 // Slc39a12 // solute carrier family 39 (zinc transporter), member	Slc39a12	6.02918E-07	-2.68945	Week 8 down vs Week 6
10341451	---		0.000549202	-2.68866	Week 8 down vs Week 6
10341438	---		2.45557E-05	-2.68856	Week 8 down vs Week 6
10511631	NM_145947 // Slc26a7 // solute carrier family 26, member 7 // 4 A1 // 208890 ///	Slc26a7	1.29571E-05	-2.68535	Week 8 down vs Week 6
10466779	NM_008846 // Pip5k1b // phosphatidylinositol-4-phosphate 5-kinase, type 1 beta /	Pip5k1b	2.79006E-05	-2.68397	Week 8 down vs Week 6
10343213	---		1.24891E-06	-2.68121	Week 8 down vs Week 6
10492169	NM_010750 // Mab21l1 // mab-21-like 1 (C. elegans) // 3 E3-F1 // 17116 /// ENSMU	Mab21l1	4.82511E-05	-2.68023	Week 8 down vs Week 6
10342144	---		7.49713E-07	-2.67018	Week 8 down vs Week 6
10344007	---		7.98256E-07	-2.66695	Week 8 down vs Week 6
10343681	---		6.07759E-06	-2.65365	Week 8 down vs Week 6
10351045	---		2.98985E-07	-2.65261	Week 8 down vs Week 6
10338656	---		2.71239E-08	-2.65083	Week 8 down vs Week 6
10339072	---		1.31943E-06	-2.65057	Week 8 down vs Week 6
10341457	---		0.000102415	-2.65039	Week 8 down vs Week 6
10342812	---		3.96981E-06	-2.64844	Week 8 down vs Week 6
10342594	---		3.46897E-05	-2.64712	Week 8 down vs Week 6
10582074	NM_026758 // Mphosph6 // M phase phosphoprotein 6 // 8 E1 // 68533 /// ENSMUST00	Mphosph6	3.10975E-10	-2.64451	Week 8 down vs Week 6
10339145	---		1.97443E-07	-2.64307	Week 8 down vs Week 6
10339396	---		1.27573E-05	-2.64255	Week 8 down vs Week 6
10338183	---		0.000260216	-2.64197	Week 8 down vs Week 6
10483819	NM_028235 // Ttc30b // tetratricopeptide repeat domain 30B // 2 C3 // 72421 ///	Ttc30b	9.96E-13	-2.64148	Week 8 down vs Week 6
10344320	---		1.73062E-06	-2.63945	Week 8 down vs Week 6
10344545	---		2.03972E-05	-2.63403	Week 8 down vs Week 6
10340173	---		1.75767E-06	-2.63208	Week 8 down vs Week 6
10525831	---		6.39912E-07	-2.62728	Week 8 down vs Week 6
10415784	NM_023233 // Trim13 // tripartite motif-containing 13 // 14 D1 // 66597 /// ENSM	Trim13	1.86159E-07	-2.62427	Week 8 down vs Week 6
10352918	BC058715 // C030002C11Rik // RIKEN cDNA C030002C11 gene // --- // 320977	C030002C11Rik	3.10215E-06	-2.61984	Week 8 down vs Week 6
10344227	---		0.000978104	-2.61657	Week 8 down vs Week 6
10483081	NM_007986 // Fap // fibroblast activation protein // 2 C1.3|2 36.0 cM // 14089 /	Fap	0.000108895	-2.61554	Week 8 down vs Week 6
10341767	---		1.86168E-05	-2.61065	Week 8 down vs Week 6
10577441	NM_139219 // Defb9 // defensin beta 9 // 8 A2 // 246079 /// ENSMUST00000057076 /	Defb9	4.42312E-05	-2.61035	Week 8 down vs Week 6
10343461	---		2.09025E-06	-2.60843	Week 8 down vs Week 6
10342727	---		1.51417E-05	-2.60766	Week 8 down vs Week 6
10392010	AK153679 // 1700081L11Rik // RIKEN cDNA 1700081L11 gene // 11 E1 // 76719 /// AK	1700081L11Rik	1.84902E-10	-2.60676	Week 8 down vs Week 6
10338880	---		3.332E-12	-2.60574	Week 8 down vs Week 6

10595803	NM_011279 // Rnf7 // ring finger protein 7 // 9 D2.3 // 19823 /// ENSMUST0000005	Rnf7	8.15E-13	-2.59722	Week 8 down vs Week 6
10344477	---		1.87723E-06	-2.59276	Week 8 down vs Week 6
10340550	---		7.65603E-06	-2.59099	Week 8 down vs Week 6
10352178	NM_178653 // Sccpdh // saccharopine dehydrogenase (putative) // 1 H4 // 109232 /	Sccpdh	3.09514E-09	-2.58997	Week 8 down vs Week 6
10341797	---		6.07108E-07	-2.5868	Week 8 down vs Week 6
10340670	---		0.000499266	-2.58663	Week 8 down vs Week 6
10502135	NM_009102 // Rrh // retinal pigment epithelium derived rhodopsin homolog // 3 G3	Rrh	0.000091411	-2.58536	Week 8 down vs Week 6
10495206	NM_146136 // Slc16a4 // solute carrier family 16 (monocarboxylic acid transporte	Slc16a4	1.04558E-06	-2.58263	Week 8 down vs Week 6
10365983	NM_008524 // Lum // lumican // 10 C3|10 61.0 cM // 17022 /// ENSMUST00000038160	Lum	0.00021028	-2.57707	Week 8 down vs Week 6
10341314	---		0.00289396	-2.57356	Week 8 down vs Week 6
10342559	---		8.41046E-06	-2.57004	Week 8 down vs Week 6
10342139	---		1.96325E-05	-2.56807	Week 8 down vs Week 6
10338428	---		7.58223E-05	-2.56659	Week 8 down vs Week 6
10505614	NM_031202 // Tyrp1 // tyrosinase-related protein 1 // 4 C3|4 38.0 cM // 22178 //	Tyrp1	0.00756135	-2.56574	Week 8 down vs Week 6
10342871	---		0.000134296	-2.56516	Week 8 down vs Week 6
10338368	---		1.40967E-05	-2.56261	Week 8 down vs Week 6
10338417	---		5.2837E-08	-2.5626	Week 8 down vs Week 6
10350758	AK080751 // A930039A15Rik // RIKEN cDNA A930039A15 gene // --- // 791276	A930039A15Rik	8.00785E-08	-2.56124	Week 8 down vs Week 6
10511617	NM_026558 // Fam92a // family with sequence similarity 92, member A // 4 A2 // 6	Fam92a	1.0176E-11	-2.5607	Week 8 down vs Week 6
10338906	---		4.03516E-09	-2.5607	Week 8 down vs Week 6
10343740	---		4.54784E-05	-2.55906	Week 8 down vs Week 6
10340493	---		7.58261E-05	-2.55821	Week 8 down vs Week 6
10502801	NM_031367 // H28 // histocompatibility 28 // 3 H3|3 82.5 cM // 15061 /// ENSMUST	H28	0.000461134	-2.55741	Week 8 down vs Week 6
10437942	NM_023585 // Ube2v2 // ubiquitin-conjugating enzyme E2 variant 2 // 16 A1 // 706	Ube2v2	7.01551E-10	-2.55552	Week 8 down vs Week 6
10341978	---		1.27237E-10	-2.55326	Week 8 down vs Week 6
10341118	---		4.66347E-07	-2.55003	Week 8 down vs Week 6
10338997	---		2.36181E-05	-2.54889	Week 8 down vs Week 6
10343360	---		4.64876E-06	-2.5485	Week 8 down vs Week 6
10342120	---		1.22498E-05	-2.54718	Week 8 down vs Week 6
10434741	---		9.2291E-08	-2.54588	Week 8 down vs Week 6
10340521	---		3.18967E-08	-2.54421	Week 8 down vs Week 6
10497646	BC050266 // Phc3 // polyhomeotic-like 3 (Drosophila) // 3 A3 // 241915	Phc3	5.52761E-08	-2.54368	Week 8 down vs Week 6
10341145	---		1.4554E-11	-2.53614	Week 8 down vs Week 6
10338653	---		5.83738E-06	-2.5354	Week 8 down vs Week 6
10340366	---		8.66E-13	-2.53275	Week 8 down vs Week 6
10405063	NM_008760 // Ogn // osteoglycin // 13 A5 // 18295 /// ENSMUST00000021822 // Ogn	Ogn	0.00106139	-2.53265	Week 8 down vs Week 6
10565401	NM_016770 // Folh1 // folate hydrolase // 7 D1-D2 // 53320 /// NM_001159706 // F	Folh1	1.52013E-08	-2.5305	Week 8 down vs Week 6
10343308	---		1.05406E-07	-2.53025	Week 8 down vs Week 6
10342117	---		1.9464E-07	-2.52996	Week 8 down vs Week 6
10353034	NR_004410 // Snord87 // small nucleolar RNA, C/D box 87 // 1|1 // 266793	Snord87	5.92301E-08	-2.5212	Week 8 down vs Week 6
10344204	---		3.5832E-08	-2.5182	Week 8 down vs Week 6
10339397	---		8.02321E-07	-2.51501	Week 8 down vs Week 6
10518526	NM_001039554 // Angptl7 // angiopoietin-like 7 // 4 E1 // 654812 /// ENSMUST0000	Angptl7	0.000318393	-2.50755	Week 8 down vs Week 6
10339464	---		1.60647E-06	-2.5075	Week 8 down vs Week 6
10340419	---		7.53504E-06	-2.5055	Week 8 down vs Week 6
10340964	---		2.02671E-05	-2.5024	Week 8 down vs Week 6
10339340	---		0.000476552	-2.50116	Week 8 down vs Week 6
10339942	---		0.000582566	-2.49909	Week 8 down vs Week 6
10341305	---		2.52121E-05	-2.49786	Week 8 down vs Week 6
10341594	---		1.66014E-06	-2.49662	Week 8 down vs Week 6
10343012	---		0.000049961	-2.49465	Week 8 down vs Week 6
10436196	---		2.02025E-10	-2.49389	Week 8 down vs Week 6
10341769	---		2.7796E-11	-2.49312	Week 8 down vs Week 6
10395538	NM_026164 // Pnpla8 // patatin-like phospholipase domain containing 8 // 12 B3 /	Pnpla8	1.9439E-11	-2.49084	Week 8 down vs Week 6
10340460	---		2.906E-12	-2.49042	Week 8 down vs Week 6
10340238	---		1.05866E-09	-2.48698	Week 8 down vs Week 6
10338581	---		9.16182E-05	-2.48634	Week 8 down vs Week 6
10343620	---		9.49566E-06	-2.48565	Week 8 down vs Week 6
10341054	---		0.0001836	-2.48265	Week 8 down vs Week 6
10519855	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	9.57773E-05	-2.48155	Week 8 down vs Week 6
10340505	---		0.00128842	-2.48123	Week 8 down vs Week 6
10344381	---		0.000704121	-2.47738	Week 8 down vs Week 6
10340254	---		9.34387E-09	-2.47519	Week 8 down vs Week 6
10344272	---		5.68821E-05	-2.47359	Week 8 down vs Week 6
10463997	NM_011050 // Pdcd4 // programmed cell death 4 // 19 D2|19 20.0 cM // 18569 /// E	Pdcd4	4.38693E-07	-2.47275	Week 8 down vs Week 6

10435963	NM_026402 // Atg3 // autophagy-related 3 (yeast) // 16 B5 // 67841 /// ENSMUST00	Atg3	2.59061E-09	-2.46987	Week 8 down vs Week 6
10339047	---		8.22483E-08	-2.46885	Week 8 down vs Week 6
10346562	NM_207653 // Cflar // CASP8 and FADD-like apoptosis regulator // 1 C1.3|1 30.1 c	Cflar	3.932E-12	-2.4663	Week 8 down vs Week 6
10338467	---		9.13111E-07	-2.46508	Week 8 down vs Week 6
10340587	---		9.98911E-06	-2.46385	Week 8 down vs Week 6
10511363	NM_001002927 // Penk // preproenkephalin // 4 A1|4 0.8 cM // 18619 /// ENSMUST00	Penk	0.00457177	-2.4635	Week 8 down vs Week 6
10340512	---		1.112E-12	-2.46237	Week 8 down vs Week 6
10338921	---		0.000567094	-2.46089	Week 8 down vs Week 6
10339183	---		8.22392E-09	-2.45867	Week 8 down vs Week 6
10339465	---		4.31E-12	-2.45618	Week 8 down vs Week 6
10604347	NM_053123 // Smarca1 // SWI/SNF related, matrix associated, actin dependent regu	Smarca1	6.76765E-06	-2.45455	Week 8 down vs Week 6
10343074	---		1.14584E-06	-2.45434	Week 8 down vs Week 6
10342711	---		7.82654E-07	-2.45214	Week 8 down vs Week 6
10341816	---		7.3606E-08	-2.45089	Week 8 down vs Week 6
10343324	---		5.42233E-07	-2.4508	Week 8 down vs Week 6
10503359	NM_198957 // C430048L16Rik // RIKEN cDNA C430048L16 gene // 4 A1 // 77604 /// EN	C430048L16Rik	4.5301E-07	-2.44085	Week 8 down vs Week 6
10564726	NM_020599 // Rlbp1 // retinaldehyde binding protein 1 // 7 D3|7 39.0 cM // 19771	Rlbp1	0.0063368	-2.44067	Week 8 down vs Week 6
10339634	---		0.000180591	-2.43999	Week 8 down vs Week 6
10338933	---		5.06473E-05	-2.4388	Week 8 down vs Week 6
10342057	---		0.000166776	-2.43786	Week 8 down vs Week 6
10342202	---		0.000815046	-2.4354	Week 8 down vs Week 6
10399825	NM_007861 // Dld // dihydrolipoamide dehydrogenase // 12 A3|12 15.1 cM // 13382	Dld	1.45344E-08	-2.43518	Week 8 down vs Week 6
10470911	---		1.1729E-09	-2.43318	Week 8 down vs Week 6
10338256	---		0.0136684	-2.43264	Week 8 down vs Week 6
10343118	---		4.8066E-06	-2.42894	Week 8 down vs Week 6
10342183	---		1.179E-07	-2.42856	Week 8 down vs Week 6
10342587	---		5.67092E-07	-2.4279	Week 8 down vs Week 6
10338711	---		0.000017936	-2.4259	Week 8 down vs Week 6
10341317	---		5.06114E-08	-2.42459	Week 8 down vs Week 6
10365204	ENSMUST00000099432 // Gm10777 // predicted gene 10777 // --- // 100038681	Gm10777	3.84487E-07	-2.42329	Week 8 down vs Week 6
10342643	---		0.000142452	-2.42128	Week 8 down vs Week 6
10340110	---		0.00112531	-2.41917	Week 8 down vs Week 6
10341865	---		2.56035E-05	-2.41881	Week 8 down vs Week 6
10343415	---		9.54628E-07	-2.41811	Week 8 down vs Week 6
10344223	---		1.32448E-07	-2.41732	Week 8 down vs Week 6
10361748	NM_027968 // Fbxo30 // F-box protein 30 // 10 A2 // 71865 /// ENSMUST00000070300	Fbxo30	2.79497E-09	-2.41681	Week 8 down vs Week 6
10461150	---		2.05096E-06	-2.41413	Week 8 down vs Week 6
10338655	---		2.52049E-06	-2.41089	Week 8 down vs Week 6
10606369	NM_008409 // Itm2a // integral membrane protein 2A // X A2-A3 // 16431 /// ENSMU	Itm2a	0.00149066	-2.41029	Week 8 down vs Week 6
10461152	AK051045 // Snhg1 // small nucleolar RNA host gene (non-protein coding) 1 // 19	Snhg1	0.000115235	-2.40869	Week 8 down vs Week 6
10341382	---		4.92786E-06	-2.4079	Week 8 down vs Week 6
10344610	---		4.9261E-09	-2.40636	Week 8 down vs Week 6
10462084	---		2.48498E-06	-2.40564	Week 8 down vs Week 6
10342291	---		9.30642E-05	-2.4038	Week 8 down vs Week 6
10340620	---		4.32269E-05	-2.40299	Week 8 down vs Week 6
10338745	---		0.00296648	-2.40131	Week 8 down vs Week 6
10342028	---		7.91125E-06	-2.39879	Week 8 down vs Week 6
10344510	---		8.40811E-06	-2.39511	Week 8 down vs Week 6
10384579	NM_139297 // Ugp2 // UDP-glucose pyrophosphorylase 2 // 11 A3.1|11 12.0 cM // 21	Ugp2	2.77703E-08	-2.39203	Week 8 down vs Week 6
10341543	---		0.000379197	-2.39079	Week 8 down vs Week 6
10439766	NM_021496 // Pvrl3 // poliovirus receptor-related 3 // 16 B5 // 58998 /// NM_021	Pvrl3	3.14006E-05	-2.38974	Week 8 down vs Week 6
10341863	---		9.37763E-07	-2.3897	Week 8 down vs Week 6
10396645	NM_178744 // Zbtb1 // zinc finger and BTB domain containing 1 // 12 C3 // 268564	Zbtb1	2.15778E-08	-2.38428	Week 8 down vs Week 6
10492582	---		2.18575E-08	-2.38317	Week 8 down vs Week 6
10360398	NM_008327 // Ifi202b // interferon activated gene 202B // 1 H3 // 26388 /// NM_0	Ifi202b	0.00405291	-2.38215	Week 8 down vs Week 6
10462621	NM_001005858 // I830012O16Rik // RIKEN cDNA I830012O16 gene // 19 C1 // 667370 /	I830012O16Rik	0.00172005	-2.38208	Week 8 down vs Week 6
10340061	---		0.000038344	-2.38134	Week 8 down vs Week 6
10344505	---		1.82767E-10	-2.37674	Week 8 down vs Week 6
10338499	---		0.000430344	-2.37232	Week 8 down vs Week 6
10344020	---		7.59344E-10	-2.3722	Week 8 down vs Week 6
10604076	NR_002900 // Snora69 // small nucleolar RNA, H/ACA box 69 // X A3.3 // 104369	Snora69	1.59252E-08	-2.37171	Week 8 down vs Week 6
10343077	---		0.00117304	-2.37035	Week 8 down vs Week 6
10343481	---		1.98233E-05	-2.37023	Week 8 down vs Week 6
10440284	BC020029 // 4930453N24Rik // RIKEN cDNA 4930453N24 gene // 16 C1.3 // 67609 ///	4930453N24Rik	1.05683E-07	-2.37008	Week 8 down vs Week 6
10340825	---		5.7182E-11	-2.36971	Week 8 down vs Week 6

10338542	---		2.99075E-06	-2.36686	Week 8 down vs Week 6
10428534	NM_032000 // Trps1 // trichorhinophalangeal syndrome I (human) // 15 C|15 30.1 c	Trps1	1.97289E-06	-2.36686	Week 8 down vs Week 6
10339056	---		0.000225175	-2.36656	Week 8 down vs Week 6
10344591	---		1.05763E-05	-2.36558	Week 8 down vs Week 6
10571399	NM_178395 // Zdhhc2 // zinc finger, DHHC domain containing 2 // 8 A4 // 70546 //	Zdhhc2	2.81516E-05	-2.36551	Week 8 down vs Week 6
10340007	---		0.000033135	-2.36547	Week 8 down vs Week 6
10342840	---		5.8445E-06	-2.36489	Week 8 down vs Week 6
10583887	NM_175678 // Npsr1 // neuropeptide S receptor 1 // 9 A3-A4 // 319239 /// ENSMUST	Npsr1	0.000220471	-2.36404	Week 8 down vs Week 6
10601312	ENSMUST00000101317 // Gm10454 // predicted gene 10454 // X C3|X // 331484	Gm10454	6.6752E-08	-2.36238	Week 8 down vs Week 6
10448182	---		4.086E-12	-2.35936	Week 8 down vs Week 6
10341404	---		3.84408E-05	-2.35882	Week 8 down vs Week 6
10483865	NM_010222 // Fkbp7 // FK506 binding protein 7 // 2 C3|2 60.5 cM // 14231 /// ENS	Fkbp7	7.30197E-05	-2.35818	Week 8 down vs Week 6
10563829	NM_010270 // Mrps33 // mitochondrial ribosomal protein S33 // 6 B4|6 // 14548 //	Mrps33	7.41256E-09	-2.35601	Week 8 down vs Week 6
10343749	---		0.000042962	-2.35577	Week 8 down vs Week 6
10343551	---		0.0177709	-2.35474	Week 8 down vs Week 6
10342012	---		4.34001E-07	-2.35442	Week 8 down vs Week 6
10340553	---		1.37613E-06	-2.35371	Week 8 down vs Week 6
10341005	---		0.00117843	-2.35342	Week 8 down vs Week 6
10343988	---		1.79629E-06	-2.35265	Week 8 down vs Week 6
10502949	---		8.93507E-06	-2.35223	Week 8 down vs Week 6
10343694	---		1.83726E-10	-2.34924	Week 8 down vs Week 6
10371660	---		0.0167774	-2.34735	Week 8 down vs Week 6
10343728	---		8.00507E-07	-2.34734	Week 8 down vs Week 6
10539433	ENSMUST00000055261 // Mobkl1b // MOB1, Mps One Binder kinase activator-like 1B (	Mobkl1b	6.873E-12	-2.34676	Week 8 down vs Week 6
10496251	NM_027208 // Bdh2 // 3-hydroxybutyrate dehydrogenase, type 2 // 3 H2 // 69772 //	Bdh2	3.44605E-05	-2.34659	Week 8 down vs Week 6
10475350	NM_011354 // Serf2 // small EDRK-rich factor 2 // 2 E5 // 378702 /// NM_00102537	Serf2	2.32E-12	-2.34327	Week 8 down vs Week 6
10580452	NM_009172 // Siah1a // seven in absentia 1A // 8 C3|8 38.5 cM // 20437 /// ENSMU	Siah1a	1E-15	-2.34315	Week 8 down vs Week 6
10343148	---		0.000519883	-2.34285	Week 8 down vs Week 6
10512939	NM_001081356 // 2610030H06Rik // RIKEN cDNA 2610030H06 gene // --- // 67048 ///	2610030H06Rik	1.98615E-10	-2.34102	Week 8 down vs Week 6
10606056	NM_001081356 // 2610030H06Rik // RIKEN cDNA 2610030H06 gene // --- // 67048 ///	2610030H06Rik	1.98615E-10	-2.34102	Week 8 down vs Week 6
10341313	---		0.000217978	-2.3384	Week 8 down vs Week 6
10539653	NM_176842 // Tprkb // Tp53rk binding protein // 6 C3 // 69786 /// ENSMUST0000011	Tprkb	8.46939E-07	-2.33727	Week 8 down vs Week 6
10343755	---		0.000262643	-2.33636	Week 8 down vs Week 6
10411235	NM_027711 // Iqgap2 // IQ motif containing GTPase activating protein 2 // 13 D1	Iqgap2	0.000120234	-2.33588	Week 8 down vs Week 6
10376929	BC115504 // Fam18b // family with sequence similarity 18, member B // 11 B2 // 6	Fam18b	4.62257E-10	-2.33295	Week 8 down vs Week 6
10342421	---		0.000129016	-2.33126	Week 8 down vs Week 6
10340048	---		0.000341992	-2.33105	Week 8 down vs Week 6
10452516	NM_001025572 // Ankrd12 // ankyrin repeat domain 12 // 17 E1.1 // 106585	Ankrd12	2.58454E-07	-2.33103	Week 8 down vs Week 6
10392642	NM_147219 // Abca5 // ATP-binding cassette, sub-family A (ABC1), member 5 // 11	Abca5	3.76404E-09	-2.33006	Week 8 down vs Week 6
10342242	---		0.000129513	-2.32933	Week 8 down vs Week 6
10342844	---		1.44299E-06	-2.32732	Week 8 down vs Week 6
10344717	---		1.70731E-10	-2.32583	Week 8 down vs Week 6
10564520	AF357384 // Snora21 // small nucleolar RNA, H/ACA box 21 // --- // 100302498	Snora21	1.9E-14	-2.32539	Week 8 down vs Week 6
10341416	---		0.000484202	-2.32439	Week 8 down vs Week 6
10338535	---		2.50017E-06	-2.32433	Week 8 down vs Week 6
10338846	---		0.000205119	-2.32384	Week 8 down vs Week 6
10375515	NM_008330 // Ifi47 // interferon gamma inducible protein 47 // 11 B1.2 // 15953	Ifi47	2.04376E-06	-2.32345	Week 8 down vs Week 6
10342170	---		2.5493E-06	-2.31987	Week 8 down vs Week 6
10344397	---		2.02235E-05	-2.31892	Week 8 down vs Week 6
10565152	ENSMUST00000098326 // 9330120H11Rik // RIKEN cDNA 9330120H11 gene // 7 D3 // 319	9330120H11Rik	0.00332887	-2.3173	Week 8 down vs Week 6
10552090	NM_207262 // Abpe // androgen binding protein epsilon // 7 B1 // 381970 /// ENSM	Abpe	1.78618E-08	-2.31592	Week 8 down vs Week 6
10340746	---		7.46462E-05	-2.31475	Week 8 down vs Week 6
10340255	---		0.000027725	-2.31451	Week 8 down vs Week 6
10354732	NM_010477 // Hspd1 // heat shock protein 1 (chaperonin) // 1 C1.2 // 15510 /// E	Hspd1	4.90649E-07	-2.31289	Week 8 down vs Week 6
10409876	NM_007796 // Ctla2a // cytotoxic T lymphocyte-associated protein 2 alpha // 13 B	Ctla2a	0.000209228	-2.31244	Week 8 down vs Week 6
10344115	---		1.53456E-09	-2.31158	Week 8 down vs Week 6
10511939	NM_026293 // Spaca1 // sperm acrosome associated 1 // 4 A5 // 67652 /// ENSMUST0	Spaca1	4.21985E-08	-2.31014	Week 8 down vs Week 6
10339362	---		9.47344E-05	-2.31008	Week 8 down vs Week 6
10568363	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	8.24957E-06	-2.31005	Week 8 down vs Week 6
10340240	---		0.000387869	-2.31003	Week 8 down vs Week 6
10473779	ENSMUST00000111449 // Cugbp1 // CUG triplet repeat, RNA binding protein 1 // 2 E	Cugbp1	2.711E-12	-2.30956	Week 8 down vs Week 6
10376956	NM_178870 // Hs3st3a1 // heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1	Hs3st3a1	3.91324E-06	-2.30433	Week 8 down vs Week 6
10453254	NM_001159529 // Cox7a2l // cytochrome c oxidase subunit VIIa polypeptide 2-like	Cox7a2l	1.47E-13	-2.30403	Week 8 down vs Week 6
10407543	NM_027000 // Gtpbp4 // GTP binding protein 4 // --- // 69237 /// ENSMUST00000021	Gtpbp4	1.43034E-09	-2.30337	Week 8 down vs Week 6
10339066	---		3.42274E-06	-2.30212	Week 8 down vs Week 6

10343592	---		2.11E-13	-2.30085	Week 8 down vs Week 6
10544687	NM_007808 // Cycs // cytochrome c, somatic // 6 B2.3|6 23.0 cM // 13063	Cycs	6.03242E-10	-2.2999	Week 8 down vs Week 6
10338490	---		2.14715E-05	-2.29897	Week 8 down vs Week 6
10340000	---		4.04308E-05	-2.29897	Week 8 down vs Week 6
10342211	---		0.00320876	-2.29859	Week 8 down vs Week 6
10566624	NM_001162940 // Gm10081 // predicted gene 10081 // 7 E3 // 384732 /// ENSMUST000	Gm10081	7.80554E-06	-2.29789	Week 8 down vs Week 6
10450603	---		2.18106E-09	-2.29596	Week 8 down vs Week 6
10353475	NM_145380 // Eif3m // eukaryotic translation initiation factor 3, subunit M // 2	Eif3m	1.3861E-11	-2.29544	Week 8 down vs Week 6
10342123	---		0.000033297	-2.29543	Week 8 down vs Week 6
10367100	NM_019766 // Ptges3 // prostaglandin E synthase 3 (cytosolic) // 10 D3 // 56351	Ptges3	3.58815E-10	-2.29504	Week 8 down vs Week 6
10339463	---		1.08475E-06	-2.2941	Week 8 down vs Week 6
10342895	---		0.000041741	-2.29323	Week 8 down vs Week 6
10341535	---		7.85844E-06	-2.29244	Week 8 down vs Week 6
10340139	---		3.64497E-05	-2.29244	Week 8 down vs Week 6
10372421	NM_146241 // Trhde // TRH-degrading enzyme // 10 D2 // 237553 /// ENSMUST0000006	Trhde	1.68379E-06	-2.29011	Week 8 down vs Week 6
10342091	---		8.13722E-07	-2.28991	Week 8 down vs Week 6
10343462	---		6.78005E-05	-2.28967	Week 8 down vs Week 6
10339910	---		1.10583E-09	-2.28805	Week 8 down vs Week 6
10343753	---		1.14493E-07	-2.28754	Week 8 down vs Week 6
10342078	---		0.000176464	-2.28599	Week 8 down vs Week 6
10490913	NM_007606 // Car3 // carbonic anhydrase 3 // 3 A2|3 11.7 cM // 12350 /// ENSMUST	Car3	0.00293301	-2.28476	Week 8 down vs Week 6
10505187	NM_011673 // Ugcg // UDP-glucose ceramide glucosyltransferase // 4 B3|4 32.0 cM	Ugcg	4.26464E-05	-2.28422	Week 8 down vs Week 6
10341791	---		0.000175363	-2.28422	Week 8 down vs Week 6
10341881	---		0.00012581	-2.27998	Week 8 down vs Week 6
10542983	NM_011134 // Pon1 // paraoxonase 1 // 6 A2|6 0.5 cM // 18979 /// ENSMUST00000002	Pon1	0.00165959	-2.27851	Week 8 down vs Week 6
10402347	NM_029803 // Ifi27l2a // interferon, alpha-inducible protein 27 like 2A // 12 E	Ifi27l2a	3.12751E-05	-2.27815	Week 8 down vs Week 6
10341600	---		9.81027E-05	-2.27786	Week 8 down vs Week 6
10447483	NM_026086 // Nanp // N-acetylneuraminic acid phosphatase // 2 H1 // 67311 /// EN	Nanp	2.07841E-09	-2.27766	Week 8 down vs Week 6
10572724	NM_145624 // Zfp709 // zinc finger protein 709 // 8 B3.3 // 236193 /// ENSMUST00	Zfp709	8.19027E-06	-2.27751	Week 8 down vs Week 6
10341284	---		6.82895E-06	-2.27601	Week 8 down vs Week 6
10339291	---		1.78116E-08	-2.27472	Week 8 down vs Week 6
10506820	---		1.73161E-07	-2.27409	Week 8 down vs Week 6
10521969	NM_028260 // Immp1l // IMP1 inner mitochondrial membrane peptidase-like (S. cere	Immp1l	1.31767E-09	-2.27053	Week 8 down vs Week 6
10338452	---		0.00186646	-2.26975	Week 8 down vs Week 6
10342649	---		2.26332E-09	-2.26806	Week 8 down vs Week 6
10341650	---		6.86475E-06	-2.26753	Week 8 down vs Week 6
10343702	---		0.00172307	-2.26513	Week 8 down vs Week 6
10338071	---		1.21306E-06	-2.26468	Week 8 down vs Week 6
10341982	---		4.13347E-05	-2.26467	Week 8 down vs Week 6
10542911	NM_010156 // Samd9l // sterile alpha motif domain containing 9-like // 6 A1-A2 /	Samd9l	0.000114056	-2.2638	Week 8 down vs Week 6
10340880	---		0.00125714	-2.26184	Week 8 down vs Week 6
10339427	---		0.000256691	-2.26171	Week 8 down vs Week 6
10342433	---		2.27965E-05	-2.25985	Week 8 down vs Week 6
10338090	---		2.89593E-07	-2.25925	Week 8 down vs Week 6
10343797	---		9.33257E-07	-2.25814	Week 8 down vs Week 6
10341844	---		2.07399E-07	-2.25757	Week 8 down vs Week 6
10343832	---		0.00171665	-2.2559	Week 8 down vs Week 6
10338381	---		8.40133E-06	-2.25175	Week 8 down vs Week 6
10338225	---		2.47724E-07	-2.25174	Week 8 down vs Week 6
10340944	---		3.48202E-07	-2.2514	Week 8 down vs Week 6
10344217	---		1.47669E-06	-2.25076	Week 8 down vs Week 6
10360542	NM_025511 // Fam36a // family with sequence similarity 36, member A // 1 H3 // 6	Fam36a	2.38195E-07	-2.25067	Week 8 down vs Week 6
10340491	---		7.99429E-05	-2.24952	Week 8 down vs Week 6
10339467	---		1.18516E-05	-2.24864	Week 8 down vs Week 6
10338302	---		0.00001008	-2.24747	Week 8 down vs Week 6
10427904	BC050864 // Fbxl7 // F-box and leucine-rich repeat protein 7 // 15 B1 // 448987	Fbxl7	3.24799E-07	-2.24685	Week 8 down vs Week 6
10338756	---		0.00172851	-2.24647	Week 8 down vs Week 6
10343579	---		4.06455E-05	-2.24575	Week 8 down vs Week 6
10340109	---		0.0005287	-2.24445	Week 8 down vs Week 6
10340410	---		3.1683E-06	-2.24288	Week 8 down vs Week 6
10441813	AF357405 // Tcp1 // t-complex protein 1 // 17 A3-B|17 7.5 cM // 21454	Tcp1	3.28531E-07	-2.24204	Week 8 down vs Week 6
10442032	BC002059 // BC002059 // cDNA sequence BC002059 // 17 A3.1 // 213811 /// ENSMUST0	BC002059	1.18581E-08	-2.24158	Week 8 down vs Week 6
10583310	BC056964 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA polym	Taf1d	8.94288E-10	-2.24006	Week 8 down vs Week 6
10344435	---		0.000963499	-2.23856	Week 8 down vs Week 6
10351463	ENSMUST00000027997 // Rgs5 // regulator of G-protein signaling 5 // 1 H2|1 86.5	Rgs5	0.00717023	-2.23798	Week 8 down vs Week 6

10545045	NM_153574 // Fam13a // family with sequence similarity 13, member A // 6 B3 // 5	Fam13a	1.97186E-05	-2.23692	Week 8 down vs Week 6
10519815	NM_001110843 // Cacna2d1 // calcium channel, voltage-dependent, alpha2/delta sub	Cacna2d1	0.000517597	-2.23665	Week 8 down vs Week 6
10541354	NM_175628 // A2m // alpha-2-macroglobulin // 6 F1|6 61.7 cM // 232345 /// ENSMUS	A2m	3.69464E-05	-2.23651	Week 8 down vs Week 6
10530615	NM_026950 // Ociad2 // OCIA domain containing 2 // 5 D // 433904 /// ENSMUST0000	Ociad2	0.000224019	-2.23589	Week 8 down vs Week 6
10344153	---		0.00804654	-2.23484	Week 8 down vs Week 6
10340583	---		0.00425507	-2.2336	Week 8 down vs Week 6
10339703	---		0.000221038	-2.233	Week 8 down vs Week 6
10340128	---		3.23228E-06	-2.23202	Week 8 down vs Week 6
10340098	---		5.22038E-05	-2.23137	Week 8 down vs Week 6
10457203	---		3.47144E-07	-2.22984	Week 8 down vs Week 6
10411776	NM_008210 // H3f3a // H3 histone, family 3A // 1 D2.3 // 15078 /// BC083353 // H	H3f3a	1.01809E-08	-2.22971	Week 8 down vs Week 6
10343208	---		0.000342746	-2.22828	Week 8 down vs Week 6
10405753	NM_008615 // Me1 // malic enzyme 1, NADP(+)-dependent, cytosolic // 9 E3.1|9 48.	Me1	2.79435E-06	-2.22802	Week 8 down vs Week 6
10343853	---		3.19522E-05	-2.22698	Week 8 down vs Week 6
10341097	---		0.000178875	-2.22592	Week 8 down vs Week 6
10338255	---		0.000371295	-2.22247	Week 8 down vs Week 6
10338999	---		1.05013E-05	-2.2219	Week 8 down vs Week 6
10340415	---		3.60822E-06	-2.22082	Week 8 down vs Week 6
10341517	---		0.00237088	-2.21889	Week 8 down vs Week 6
10346874	---		7.927E-12	-2.21872	Week 8 down vs Week 6
10341000	---		2.38938E-07	-2.2187	Week 8 down vs Week 6
10342724	---		0.000158086	-2.21629	Week 8 down vs Week 6
10571984	NM_001081215 // Ddx60 // DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 // 8 B3.1 //	Ddx60	0.00594598	-2.21626	Week 8 down vs Week 6
10342810	---		0.00103582	-2.21424	Week 8 down vs Week 6
10341108	---		9.32972E-06	-2.21387	Week 8 down vs Week 6
10339130	---		0.000105272	-2.21361	Week 8 down vs Week 6
10342610	---		0.000644952	-2.21353	Week 8 down vs Week 6
10343558	---		0.000127461	-2.21318	Week 8 down vs Week 6
10416956	---		3.9016E-11	-2.21252	Week 8 down vs Week 6
10344723	NM_021511 // Rrs1 // RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	Rrs1	1.35142E-06	-2.21181	Week 8 down vs Week 6
10340445	---		8.87818E-05	-2.20915	Week 8 down vs Week 6
10352916	BC058715 // C030002C11Rik // RIKEN cDNA C030002C11 gene // --- // 320977	C030002C11Rik	4.43753E-06	-2.20748	Week 8 down vs Week 6
10542738	ENSMUST00000111704 // Rassf8 // Ras association (RalGDS/AF-6) domain family (N-t	Rassf8	1.79171E-06	-2.20748	Week 8 down vs Week 6
10342941	---		6.61934E-09	-2.20601	Week 8 down vs Week 6
10601648	NM_022322 // Tnmd // tenomodulin // X E3 // 64103 /// ENSMUST00000033602 // Tnmd	Tnmd	0.00303196	-2.20584	Week 8 down vs Week 6
10338236	---		5.31134E-07	-2.20558	Week 8 down vs Week 6
10598236	NM_021431 // Nudt11 // nudix (nucleoside diphosphate linked moiety X)-type motif	Nudt11	1.73719E-06	-2.20464	Week 8 down vs Week 6
10343719	---		1.52666E-05	-2.20317	Week 8 down vs Week 6
10339793	---		1.10212E-05	-2.20253	Week 8 down vs Week 6
10343955	---		5.721E-12	-2.20206	Week 8 down vs Week 6
10340859	---		2.44863E-06	-2.20152	Week 8 down vs Week 6
10338538	---		3.64792E-05	-2.20064	Week 8 down vs Week 6
10606609	NM_019656 // Tspan6 // tetraspanin 6 // X E3 // 56496 /// ENSMUST00000087557 //	Tspan6	0.000228964	-2.20031	Week 8 down vs Week 6
10343112	---		0.00193168	-2.19962	Week 8 down vs Week 6
10338304	---		0.000473937	-2.19842	Week 8 down vs Week 6
10339571	---		0.000671884	-2.1984	Week 8 down vs Week 6
10553743	NM_021879 // Oca2 // oculocutaneous albinism II // 7 B5-C|7 28.0 cM // 18431 ///	Oca2	0.00219208	-2.1976	Week 8 down vs Week 6
10400137	NM_013760 // Dnajb9 // DnaJ (Hsp40) homolog, subfamily B, member 9 // 12 B1 // 2	Dnajb9	2.66088E-06	-2.19724	Week 8 down vs Week 6
10338708	---		5.14852E-06	-2.19648	Week 8 down vs Week 6
10436945	NM_017391 // Slc5a3 // solute carrier family 5 (inositol transporters), member 3	Slc5a3	1.03494E-07	-2.19638	Week 8 down vs Week 6
10579049	AK129029 // Gm10033 // predicted gene 10033 // 8 B3.3|8 // 378466	Gm10033	1.83586E-08	-2.19496	Week 8 down vs Week 6
10537494	NM_028358 // Ssbp1 // single-stranded DNA binding protein 1 // 6 B2 // 381760 //	Ssbp1	3.686E-12	-2.19486	Week 8 down vs Week 6
10575693	NM_173016 // Vat1l // vesicle amine transport protein 1 homolog-like (T. califor	Vat1l	0.000178559	-2.19426	Week 8 down vs Week 6
10346000	NM_028450 // Gulp1 // GULP, engulfment adaptor PTB domain containing 1 // 1 C1 /	Gulp1	6.93322E-05	-2.19248	Week 8 down vs Week 6
10339628	---		0.000475803	-2.1922	Week 8 down vs Week 6
10549276	NM_024469 // Bhlhe41 // basic helix-loop-helix family, member e41 // 6 G2-G3|6 7	Bhlhe41	4.62255E-05	-2.19186	Week 8 down vs Week 6
10344228	---		2.83211E-06	-2.18846	Week 8 down vs Week 6
10344024	---		6.15101E-06	-2.18782	Week 8 down vs Week 6
10338808	---		0.000356793	-2.18766	Week 8 down vs Week 6
10343306	---		0.000189188	-2.18723	Week 8 down vs Week 6
10340350	---		0.00151207	-2.18707	Week 8 down vs Week 6
10492671	NM_026352 // Ppid // peptidylprolyl isomerase D (cyclophilin D) // 3 F1 // 67738	Ppid	2.61E-13	-2.18615	Week 8 down vs Week 6
10340150	---		0.000110677	-2.18503	Week 8 down vs Week 6
10462111	ENSMUST00000067077 // Gm9938 // predicted gene 9938 // --- // 791290	Gm9938	1.64849E-08	-2.18415	Week 8 down vs Week 6
10342646	---		2.6776E-07	-2.18269	Week 8 down vs Week 6

10390505	AF357384 // Snora21 // small nucleolar RNA, H/ACA box 21 // --- // 100302498	Snora21	4.15E-13	-2.18198	Week 8 down vs Week 6
10339188	---		2.10868E-05	-2.1819	Week 8 down vs Week 6
10600566	---		1.15654E-08	-2.18163	Week 8 down vs Week 6
10351039	NR_002840 // Gas5 // growth arrest specific 5 // 1 H2.1 // 14455	Gas5	0.00446343	-2.18163	Week 8 down vs Week 6
10368486	NM_001110197 // Rnf146 // ring finger protein 146 // 10 A4 // 68031 /// NM_00111	Rnf146	1.16587E-07	-2.17674	Week 8 down vs Week 6
10438909	NM_001128096 // Atp13a3 // ATPase type 13A3 // 16 B2 // 224088 /// NM_001128094	Atp13a3	1.03095E-07	-2.17631	Week 8 down vs Week 6
10368041	NM_028440 // 3110003A17Rik // RIKEN cDNA 3110003A17 gene // 10 A3 // 73112 /// E	3110003A17Rik	1.12627E-06	-2.17504	Week 8 down vs Week 6
10422348	NM_001081252 // Uggt2 // UDP-glucose glycoprotein glucosyltransferase 2 // 14 E4	Uggt2	4.99819E-07	-2.17492	Week 8 down vs Week 6
10566870	NM_153525 // Tmem41b // transmembrane protein 41B // 7 F1|7 50.5 cM // 233724 //	Tmem41b	2.73013E-09	-2.17439	Week 8 down vs Week 6
10341106	---		0.00138394	-2.17418	Week 8 down vs Week 6
10599348	NM_016886 // Gria3 // glutamate receptor, ionotropic, AMPA3 (alpha 3) // X A3.3-	Gria3	5.5234E-06	-2.17325	Week 8 down vs Week 6
10338895	---		2.1954E-11	-2.17296	Week 8 down vs Week 6
10603051	NM_026887 // Ap1s2 // adaptor-related protein complex 1, sigma 2 subunit // X F5	Ap1s2	1.87286E-05	-2.17272	Week 8 down vs Week 6
10388254	NM_023113 // Aspa // aspartoacylase // 11 B4 // 11484 /// ENSMUST00000021119 //	Aspa	6.79144E-10	-2.1708	Week 8 down vs Week 6
10350630	NM_022018 // Fam129a // family with sequence similarity 129, member A // 1 G2 //	Fam129a	0.00025455	-2.16859	Week 8 down vs Week 6
10338843	---		0.000757633	-2.16801	Week 8 down vs Week 6
10439362	NM_172440 // Stxbp5l // syntaxin binding protein 5-like // 16 B3 // 207227 /// N	Stxbp5l	0.000123465	-2.16777	Week 8 down vs Week 6
10422164	NM_007904 // Ednrb // endothelin receptor type B // 14 E2.3|14 51.0 cM // 13618	Ednrb	0.00376798	-2.16655	Week 8 down vs Week 6
10340982	---		0.000350329	-2.16606	Week 8 down vs Week 6
10343099	---		7.10862E-07	-2.16588	Week 8 down vs Week 6
10558454	NM_023140 // Glrx3 // glutaredoxin 3 // 7 F5 // 30926 /// ENSMUST00000064404 //	Glrx3	6.70771E-07	-2.16319	Week 8 down vs Week 6
10584315	---		1.29336E-08	-2.16231	Week 8 down vs Week 6
10343925	---		0.000666756	-2.16137	Week 8 down vs Week 6
10343599	---		9.54245E-07	-2.16095	Week 8 down vs Week 6
10344329	---		1.69261E-05	-2.16043	Week 8 down vs Week 6
10340223	---		5.09141E-06	-2.15981	Week 8 down vs Week 6
10591816	NM_172920 // Dpy19l1 // dpy-19-like 1 (C. elegans) // 9 A4 // 244745 /// BC11678	Dpy19l1	1.73822E-07	-2.15978	Week 8 down vs Week 6
10339832	---		0.000701164	-2.15874	Week 8 down vs Week 6
10344414	---		1.34502E-09	-2.15765	Week 8 down vs Week 6
10343120	---		0.00225317	-2.15757	Week 8 down vs Week 6
10342910	---		0.000385311	-2.1574	Week 8 down vs Week 6
10604199	NM_001110142 // Cul4b // cullin 4B // X A2 // 72584 /// NM_028288 // Cul4b // cu	Cul4b	5.48711E-06	-2.15564	Week 8 down vs Week 6
10595626	---		7.43252E-07	-2.15533	Week 8 down vs Week 6
10437928	BC011300 // 0610037P05Rik // RIKEN cDNA 0610037P05 gene // 16 B1 // 66086 /// EN	0610037P05Rik	3.947E-11	-2.15512	Week 8 down vs Week 6
10514049	NM_001113209 // Nfib // nuclear factor I/B // 4 C4-C6|4 38.6 cM // 18028 /// NM_	Nfib	1.15246E-06	-2.15469	Week 8 down vs Week 6
10339344	---		0.00213544	-2.15324	Week 8 down vs Week 6
10344260	---		7.94177E-07	-2.15276	Week 8 down vs Week 6
10344470	---		0.000951229	-2.15222	Week 8 down vs Week 6
10582941	NM_027545 // Cwf19l2 // CWF19-like 2, cell cycle control (S. pombe) // 9 A1 // 2	Cwf19l2	2.76701E-09	-2.15168	Week 8 down vs Week 6
10343830	---		0.00171185	-2.15105	Week 8 down vs Week 6
10341999	---		0.000827406	-2.14913	Week 8 down vs Week 6
10488550	NM_026086 // Nanp // N-acetylneuraminic acid phosphatase // 2 H1 // 67311 /// EN	Nanp	9.86065E-09	-2.14908	Week 8 down vs Week 6
10344338	---		7.35742E-06	-2.14498	Week 8 down vs Week 6
10340385	---		0.00232097	-2.14478	Week 8 down vs Week 6
10406710	NM_009321 // Tbca // tubulin cofactor A // 13 D1 // 21371 /// ENSMUST00000046644	Tbca	8.35849E-08	-2.14476	Week 8 down vs Week 6
10340991	---		0.00637284	-2.14377	Week 8 down vs Week 6
10400395	NM_021529 // Ppp2r3c // protein phosphatase 2, regulatory subunit B'', gamma //	Ppp2r3c	9.35299E-09	-2.14324	Week 8 down vs Week 6
10338945	---		0.000374917	-2.1424	Week 8 down vs Week 6
10338882	---		1.91713E-05	-2.14236	Week 8 down vs Week 6
10342997	---		1.50217E-05	-2.14173	Week 8 down vs Week 6
10338493	---		4.85541E-07	-2.14146	Week 8 down vs Week 6
10458992	ENSMUST00000025488 // C330018D20Rik // RIKEN cDNA C330018D20 gene // 18 D3 // 7	C330018D20Rik	4.64397E-07	-2.13978	Week 8 down vs Week 6
10440099	NM_018784 // St3gal6 // ST3 beta-galactoside alpha-2,3-sialyltransferase 6 // 16	St3gal6	0.000718948	-2.13914	Week 8 down vs Week 6
10338229	---		0.000701043	-2.13874	Week 8 down vs Week 6
10490826	NM_177660 // Zbtb10 // zinc finger and BTB domain containing 10 // 3 A1 // 22905	Zbtb10	2.2742E-06	-2.1384	Week 8 down vs Week 6
10340855	---		0.00057195	-2.1371	Week 8 down vs Week 6
10344407	---		2.91355E-05	-2.13654	Week 8 down vs Week 6
10576692	NM_010568 // Insr // insulin receptor // 8 A1.1|8 1.0 cM // 16337 /// ENSMUST000	Insr	4.34197E-09	-2.13366	Week 8 down vs Week 6
10564646	NM_001109753 // Sv2b // synaptic vesicle glycoprotein 2 b // 7 D1 // 64176 /// N	Sv2b	0.00247042	-2.13293	Week 8 down vs Week 6
10341919	---		5.43342E-06	-2.1325	Week 8 down vs Week 6
10342953	---		0.000377687	-2.13043	Week 8 down vs Week 6
10340344	---		0.000109156	-2.12936	Week 8 down vs Week 6
10451851	NM_027870 // Armcx3 // armadillo repeat containing, X-linked 3 // X E3 // 71703	Armcx3	2.76294E-06	-2.12891	Week 8 down vs Week 6
10587688	---		1.55302E-06	-2.1278	Week 8 down vs Week 6
10595620	---		1.55302E-06	-2.1278	Week 8 down vs Week 6

10344186	---		7.13811E-06	-2.1271	Week 8 down vs Week 6
10539080	NM_011375 // St3gal5 // ST3 beta-galactoside alpha-2,3-sialyltransferase 5 // 6	St3gal5	3.20222E-06	-2.12542	Week 8 down vs Week 6
10342801	---		7.3E-13	-2.12521	Week 8 down vs Week 6
10338803	---		0.000146003	-2.12506	Week 8 down vs Week 6
10443459	NM_013663 // Sfrs3 // splicing factor, arginine/serine-rich 3 (SRp20) // 17 A3.3	Sfrs3	0.000047238	-2.1247	Week 8 down vs Week 6
10415642	NM_009119 // Sap18 // Sin3-associated polypeptide 18 // 14 C3|14 28.5 cM // 2022	Sap18	1.5281E-09	-2.12464	Week 8 down vs Week 6
10341323	---		0.00100539	-2.12427	Week 8 down vs Week 6
10344144	---		0.000133862	-2.12372	Week 8 down vs Week 6
10503176	NM_001081417 // Chd7 // chromodomain helicase DNA binding protein 7 // 4 A1|4 1.	Chd7	4.44495E-06	-2.12298	Week 8 down vs Week 6
10410508	NM_010888 // Ndufs6 // NADH dehydrogenase (ubiquinone) Fe-S protein 6 // --- //	Ndufs6	5.848E-12	-2.12055	Week 8 down vs Week 6
10342109	---		0.00229635	-2.12046	Week 8 down vs Week 6
10340148	---		0.00108475	-2.11964	Week 8 down vs Week 6
10342904	---		8.23482E-07	-2.11959	Week 8 down vs Week 6
10379630	NM_011408 // Slfn2 // schlafen 2 // 11 C|11 48.0 cM // 20556 /// ENSMUST00000038	Slfn2	9.36709E-05	-2.11826	Week 8 down vs Week 6
10342908	---		4.25984E-06	-2.11639	Week 8 down vs Week 6
10405628	NM_028904 // Rmi1 // RMI1, RecQ mediated genome instability 1, homolog (S. cerev	Rmi1	7.06375E-10	-2.1153	Week 8 down vs Week 6
10341452	---		0.00389477	-2.11512	Week 8 down vs Week 6
10342926	---		3.46883E-07	-2.11391	Week 8 down vs Week 6
10342564	---		7.03276E-05	-2.11326	Week 8 down vs Week 6
10338415	---		1.71191E-07	-2.11248	Week 8 down vs Week 6
10344558	---		0.000832462	-2.11063	Week 8 down vs Week 6
10502823	NM_025926 // Dnajb4 // DnaJ (Hsp40) homolog, subfamily B, member 4 // 3 H3 // 67	Dnajb4	2.31554E-07	-2.1101	Week 8 down vs Week 6
10343058	---		3.77699E-05	-2.10901	Week 8 down vs Week 6
10341714	---		2.35469E-10	-2.10893	Week 8 down vs Week 6
10339984	---		7.46292E-05	-2.10867	Week 8 down vs Week 6
10338460	---		1.4615E-07	-2.10782	Week 8 down vs Week 6
10340079	---		1.37475E-05	-2.10756	Week 8 down vs Week 6
10340470	---		6.60941E-06	-2.10722	Week 8 down vs Week 6
10342407	---		1.14205E-05	-2.10568	Week 8 down vs Week 6
10342648	---		5.55146E-05	-2.10518	Week 8 down vs Week 6
10594800	NM_172772 // B230380D07Rik // RIKEN cDNA B230380D07 gene // 9 D // 235461 /// EN	B230380D07Rik	4.08011E-06	-2.10515	Week 8 down vs Week 6
10571774	NM_001005847 // Aga // aspartylglucosaminidase // 8 B3 // 11593 /// ENSMUST00000	Aga	4.03169E-08	-2.10443	Week 8 down vs Week 6
10542959	NM_009748 // Bet1 // blocked early in transport 1 homolog (S. cerevisiae) // 6 A	Bet1	3.7035E-06	-2.10418	Week 8 down vs Week 6
10428081	NM_008287 // Hrsp12 // heat-responsive protein 12 // 15 B3.3 // 15473 /// ENSMUS	Hrsp12	2.81384E-06	-2.10408	Week 8 down vs Week 6
10343203	---		0.000250883	-2.10387	Week 8 down vs Week 6
10377181	NM_001081250 // Myh13 // myosin, heavy polypeptide 13, skeletal muscle // 11 B3	Myh13	0.00705385	-2.10303	Week 8 down vs Week 6
10605034	NM_183094 // Xlr4c // X-linked lymphocyte-regulated 4C // X A7.3 // 72891 /// NM	Xlr4c	0.0126555	-2.10277	Week 8 down vs Week 6
10405781	---		1.21395E-07	-2.10233	Week 8 down vs Week 6
10338917	---		1.60823E-08	-2.10187	Week 8 down vs Week 6
10339053	---		0.00166898	-2.10138	Week 8 down vs Week 6
10419356	NM_144841 // Otx2 // orthodenticle homolog 2 (Drosophila) // 14 C1|14 19.0 cM //	Otx2	0.00174315	-2.10123	Week 8 down vs Week 6
10341703	---		2.87092E-05	-2.10097	Week 8 down vs Week 6
10423556	NM_018755 // Pgcp // plasma glutamate carboxypeptidase // 15 B3.2 // 54381 /// N	Pgcp	5.57967E-06	-2.10082	Week 8 down vs Week 6
10523168	NM_053087 // Epgn // epithelial mitogen // 5 E2 // 71920 /// ENSMUST00000041516	Epgn	0.000345835	-2.10035	Week 8 down vs Week 6
10341687	---		1.85056E-07	-2.09908	Week 8 down vs Week 6
10405047	NM_025711 // Aspn // asporin // 13 B1 // 66695 /// ENSMUST00000021820 // Aspn //	Aspn	0.00918998	-2.09908	Week 8 down vs Week 6
10474096	NM_178725 // Lrrc4c // leucine rich repeat containing 4C // 2 E1 // 241568 /// E	Lrrc4c	0.000203212	-2.09907	Week 8 down vs Week 6
10338626	---		0.000522805	-2.09883	Week 8 down vs Week 6
10343116	---		4.8137E-07	-2.09724	Week 8 down vs Week 6
10538253	NM_019939 // Mpp6 // membrane protein, palmitoylated 6 (MAGUK p55 subfamily memb	Mpp6	9.81628E-07	-2.09714	Week 8 down vs Week 6
10599335	NM_026902 // Mcts1 // malignant T cell amplified sequence 1 // X A2 // 68995 ///	Mcts1	8.51444E-08	-2.09587	Week 8 down vs Week 6
10499425	NM_026528 // 2700060E02Rik // RIKEN cDNA 2700060E02 gene // 14 A3 // 68045 /// E	2700060E02Rik	4.09387E-09	-2.09562	Week 8 down vs Week 6
10341235	---		0.000119358	-2.09557	Week 8 down vs Week 6
10344478	---		0.000849061	-2.09445	Week 8 down vs Week 6
10472350	NM_145523 // Gca // grancalcin // 2 C1.3 // 227960 /// ENSMUST00000028257 // Gca	Gca	2.62619E-06	-2.09433	Week 8 down vs Week 6
10340736	---		1.79878E-05	-2.09383	Week 8 down vs Week 6
10340707	---		6.38247E-05	-2.09131	Week 8 down vs Week 6
10459389	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	1.33322E-06	-2.09109	Week 8 down vs Week 6
10338620	---		2.87283E-07	-2.09052	Week 8 down vs Week 6
10342439	---		0.000798567	-2.09033	Week 8 down vs Week 6
10339801	---		2.40024E-07	-2.08969	Week 8 down vs Week 6
10339337	---		7.01014E-06	-2.08895	Week 8 down vs Week 6
10340052	---		3.92454E-05	-2.08893	Week 8 down vs Week 6
10583297	NM_029248 // Taf1d // TATA box binding protein (Tbp)-associated factor, RNA poly	Taf1d	2.47037E-08	-2.08887	Week 8 down vs Week 6
10340814	---		9.87086E-05	-2.08856	Week 8 down vs Week 6

10338885	---		9.20945E-09	-2.08785	Week 8 down vs Week 6
10338794	---		0.000382565	-2.08762	Week 8 down vs Week 6
10538640	NM_011920 // Abcg2 // ATP-binding cassette, sub-family G (WHITE), member 2 // 6	Abcg2	0.000424106	-2.08746	Week 8 down vs Week 6
10339140	---		1.46318E-09	-2.08723	Week 8 down vs Week 6
10501051	NM_133869 // Cept1 // choline/ethanolaminephosphotransferase 1 // 3 F2.3 // 9971	Cept1	7.40546E-09	-2.08695	Week 8 down vs Week 6
10340506	---		1.88017E-05	-2.08609	Week 8 down vs Week 6
10340659	---		3.19853E-06	-2.08412	Week 8 down vs Week 6
10344341	---		3.60463E-06	-2.08329	Week 8 down vs Week 6
10339498	---		0.000207282	-2.08258	Week 8 down vs Week 6
10340983	---		0.000185372	-2.08078	Week 8 down vs Week 6
10442258	NM_001025373 // 4930432O21Rik // RIKEN cDNA 4930432O21 gene // 17 A3.3 // 74670	4930432O21Rik	3.23541E-07	-2.08011	Week 8 down vs Week 6
10586248	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	1.5177E-06	-2.08004	Week 8 down vs Week 6
10344155	---		0.000058033	-2.07966	Week 8 down vs Week 6
10417689	NM_025550 // Psmd6 // proteasome (prosome, macropain) 26S subunit, non-ATPase, 6	Psmd6	3.08837E-08	-2.07955	Week 8 down vs Week 6
10455112	NM_053142 // Pcdhb17 // protocadherin beta 17 // 18 B3 // 93888 /// ENSMUST00000	Pcdhb17	1.73913E-07	-2.07943	Week 8 down vs Week 6
10476297	---		1.04554E-10	-2.07909	Week 8 down vs Week 6
10521759	NM_178804 // Slit2 // slit homolog 2 (Drosophila) // 5 B3 // 20563 /// ENSMUST00	Slit2	4.09628E-05	-2.07907	Week 8 down vs Week 6
10339888	---		0.000047286	-2.07703	Week 8 down vs Week 6
10434745	---		0.000112417	-2.07678	Week 8 down vs Week 6
10341781	---		0.000137417	-2.07655	Week 8 down vs Week 6
10400572	NM_025707 // Klhl28 // kelch-like 28 (Drosophila) // 12 C1 // 66689 /// ENSMUST0	Klhl28	1.378E-12	-2.07641	Week 8 down vs Week 6
10595622	---		1.52325E-06	-2.07562	Week 8 down vs Week 6
10595636	---		1.52325E-06	-2.07562	Week 8 down vs Week 6
10343390	---		0.000143451	-2.07514	Week 8 down vs Week 6
10485828	NM_133648 // Slc12a6 // solute carrier family 12, member 6 // 2 E3 // 107723 ///	Slc12a6	1.78026E-09	-2.07498	Week 8 down vs Week 6
10340582	---		0.000430009	-2.07487	Week 8 down vs Week 6
10389795	NM_011505 // Stxbp4 // syntaxin binding protein 4 // 11 C // 20913 /// ENSMUST00	Stxbp4	1.83188E-05	-2.07455	Week 8 down vs Week 6
10339501	---		0.00802975	-2.07374	Week 8 down vs Week 6
10566258	ENSMUST00000023934 // Hbb-b1 // hemoglobin, beta adult major chain // 7 E3|7 50.	Hbb-b1	0.0124717	-2.07365	Week 8 down vs Week 6
10423098	NM_053077 // Slc45a2 // solute carrier family 45, member 2 // 15 A1|15 6.7 cM //	Slc45a2	0.00462068	-2.0732	Week 8 down vs Week 6
10341164	---		5.35045E-05	-2.07286	Week 8 down vs Week 6
10597973	NM_033322 // Lztfl1 // leucine zipper transcription factor-like 1 // 9 F|9 71.1	Lztfl1	3.1211E-10	-2.07247	Week 8 down vs Week 6
10340343	---		0.000114454	-2.0724	Week 8 down vs Week 6
10353549	NM_026604 // Fam135a // family with sequence similarity 135, member A // 1 A5 //	Fam135a	2.55937E-07	-2.07195	Week 8 down vs Week 6
10421970	---		3.38542E-06	-2.07124	Week 8 down vs Week 6
10538590	ENSMUST00000031817 // Herc5 // hect domain and RLD 5 // 6 C1|6 // 67138 /// ENSM	Herc5	0.000130779	-2.07055	Week 8 down vs Week 6
10509113	NM_010178 // Fusip1 // FUS interacting protein (serine-arginine rich) 1 // 4 D3	Fusip1	3.01494E-08	-2.07028	Week 8 down vs Week 6
10488020	NM_029148 // Tmx4 // thioredoxin-related transmembrane protein 4 // 2 G1|2 77.0	Tmx4	5.10475E-06	-2.06984	Week 8 down vs Week 6
10343384	---		8.90679E-05	-2.06866	Week 8 down vs Week 6
10565330	NM_022985 // Zfand6 // zinc finger, AN1-type domain 6 // 7 D3 // 65098 /// ENSMU	Zfand6	1.84594E-09	-2.06812	Week 8 down vs Week 6
10587892	NM_019864 // Atr // ataxia telangiectasia and Rad3 related // 9 E4 // 245000 ///	Atr	1.31345E-08	-2.06781	Week 8 down vs Week 6
10358459	NM_145511 // BC003331 // cDNA sequence BC003331 // 1 G1 // 226499 /// NM_0010772	BC003331	8.05565E-09	-2.06642	Week 8 down vs Week 6
10338325	---		0.000104815	-2.06638	Week 8 down vs Week 6
10579915	NM_053124 // Smarca5 // SWI/SNF related, matrix associated, actin dependent regu	Smarca5	2.45983E-06	-2.06562	Week 8 down vs Week 6
10394560	NM_025695 // Smc6 // structural maintenance of chromosomes 6 // 12 A2 // 67241 /	Smc6	8.83216E-10	-2.06528	Week 8 down vs Week 6
10343896	---		0.00105305	-2.06511	Week 8 down vs Week 6
10542750	NM_025315 // Med21 // mediator complex subunit 21 // 6 G3 // 108098 /// ENSMUST0	Med21	5.09444E-07	-2.06421	Week 8 down vs Week 6
10342113	---		0.000536382	-2.06396	Week 8 down vs Week 6
10340768	---		0.000298913	-2.06384	Week 8 down vs Week 6
10586246	NM_001162917 // Dennd4a // DENN/MADD domain containing 4A // 9 C // 102442	Dennd4a	2.07225E-05	-2.06261	Week 8 down vs Week 6
10437205	NM_008791 // Pcp4 // Purkinje cell protein 4 // 16 C4|16 69.9 cM // 18546 /// EN	Pcp4	0.000979376	-2.06197	Week 8 down vs Week 6
10428376	NM_009640 // Angpt1 // angiopoietin 1 // 15 B3.1|15 14.3 cM // 11600 /// ENSMUST	Angpt1	0.00381799	-2.06189	Week 8 down vs Week 6
10493910	NM_001034860 // Gm4858 // predicted gene 4858 // 3 F1|3 // 229571 /// ENSMUST000	Gm4858	0.00493811	-2.06187	Week 8 down vs Week 6
10587107	NM_010864 // Myo5a // myosin VA // 9 D|9 42.0 cM // 17918 /// ENSMUST00000036772	Myo5a	0.0033114	-2.06133	Week 8 down vs Week 6
10343781	---		0.00133603	-2.06131	Week 8 down vs Week 6
10338936	---		0.000575603	-2.06114	Week 8 down vs Week 6
10374746	NM_025923 // Fancl // Fanconi anemia, complementation group L // 11 A2-A3 // 670	Fancl	8.05383E-10	-2.06106	Week 8 down vs Week 6
10512935	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	1.36104E-06	-2.05925	Week 8 down vs Week 6
10342661	---		3.36967E-06	-2.05902	Week 8 down vs Week 6
10406530	NM_025335 // Tmem167 // transmembrane protein 167 // 13 C3 // 66074 /// ENSMUST0	Tmem167	3.41114E-07	-2.05896	Week 8 down vs Week 6
10339698	---		0.000958242	-2.05858	Week 8 down vs Week 6
10338783	---		3.37667E-08	-2.05857	Week 8 down vs Week 6
10344707	NM_183028 // Pcmtd1 // protein-L-isoaspartate (D-aspartate) O-methyltransferase	Pcmtd1	1.57637E-07	-2.05806	Week 8 down vs Week 6
10345368	ENSMUST00000097783 // D1Ertd448e // DNA segment, Chr 1, ERATO Doi 448, expressed	D1Ertd448e	7.3594E-11	-2.05726	Week 8 down vs Week 6
10344507	---		3.29095E-05	-2.05652	Week 8 down vs Week 6

10341196	---		7.34786E-05	-2.05525	Week 8 down vs Week 6
10538684	NM_001081145 // Tigd2 // tigger transposable element derived 2 // 6 B3 // 68140	Tigd2	1.77857E-10	-2.05209	Week 8 down vs Week 6
10544243	NM_010270 // Mrps33 // mitochondrial ribosomal protein S33 // 6 B4|6 // 14548 //	Mrps33	1.74385E-10	-2.05171	Week 8 down vs Week 6
10566525	NM_020024 // Taf10 // TAF10 RNA polymerase II, TATA box binding protein (TBP)-as	Taf10	7.83441E-10	-2.0516	Week 8 down vs Week 6
10496295	NM_025356 // Ube2d3 // ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast	Ube2d3	9.07327E-10	-2.05086	Week 8 down vs Week 6
10378508	NM_177325 // Tsr1 // TSR1, 20S rRNA accumulation, homolog (yeast) // 11 B5 // 10	Tsr1	6.96773E-09	-2.0503	Week 8 down vs Week 6
10343886	---		0.00024391	-2.05006	Week 8 down vs Week 6
10342064	---		1.02177E-05	-2.0497	Week 8 down vs Week 6
10343391	---		0.00130149	-2.04928	Week 8 down vs Week 6
10338690	---		0.00335364	-2.04927	Week 8 down vs Week 6
10603011	NM_009031 // Rbbp7 // retinoblastoma binding protein 7 // X F4 // 245688 /// ENS	Rbbp7	9.34942E-09	-2.04911	Week 8 down vs Week 6
10405804	NM_001013608 // 0610007P08Rik // RIKEN cDNA 0610007P08 gene // 13 B3 // 76251 //	0610007P08Rik	6.58735E-10	-2.04909	Week 8 down vs Week 6
10344396	---		0.00112684	-2.04898	Week 8 down vs Week 6
10340891	---		2.99956E-05	-2.04894	Week 8 down vs Week 6
10338852	---		5.54633E-07	-2.04886	Week 8 down vs Week 6
10338445	---		0.0023343	-2.04868	Week 8 down vs Week 6
10339369	---		6.50123E-06	-2.04787	Week 8 down vs Week 6
10552964	NM_010240 // Ftl1 // ferritin light chain 1 // 7 B4 // 14325 /// NM_008049 // Ft	Ftl1	9.4222E-08	-2.04399	Week 8 down vs Week 6
10344377	---		1.11796E-05	-2.04346	Week 8 down vs Week 6
10554863	NM_001040085 // Sytl2 // synaptotagmin-like 2 // 7 E1 // 83671 /// NM_031394 //	Sytl2	0.00189954	-2.04294	Week 8 down vs Week 6
10342280	---		0.000419288	-2.04084	Week 8 down vs Week 6
10340306	---		0.000133297	-2.04077	Week 8 down vs Week 6
10413086	NM_134079 // Adk // adenosine kinase // 14 A2-B // 11534 /// ENSMUST00000045376	Adk	1.43644E-07	-2.04061	Week 8 down vs Week 6
10339258	---		0.000207937	-2.03875	Week 8 down vs Week 6
10419711	NM_011184 // Psma3 // proteasome (prosome, macropain) subunit, alpha type 3 // 1	Psma3	3.73659E-10	-2.03727	Week 8 down vs Week 6
10599333	NM_013795 // Atp5l // ATP synthase, H+ transporting, mitochondrial F0 complex, s	Atp5l	1.39177E-09	-2.03691	Week 8 down vs Week 6
10340868	---		0.00367767	-2.03609	Week 8 down vs Week 6
10375820	NM_007714 // Clk4 // CDC like kinase 4 // 11 B1.3 // 12750 /// ENSMUST0000009313	Clk4	5.72241E-09	-2.03608	Week 8 down vs Week 6
10342177	---		0.00159997	-2.03578	Week 8 down vs Week 6
10342275	---		0.000109363	-2.03495	Week 8 down vs Week 6
10338500	---		2.29763E-05	-2.03489	Week 8 down vs Week 6
10411287	NM_027453 // Btf3l4 // basic transcription factor 3-like 4 // 4 C7 // 70533 ///	Btf3l4	2.6808E-06	-2.03458	Week 8 down vs Week 6
10351013	NM_001024952 // Rc3h1 // RING CCCH (C3H) domains 1 // 1 H2.1 // 381305 /// ENSMU	Rc3h1	1.461E-12	-2.03346	Week 8 down vs Week 6
10484207	NM_001025576 // 2610301F02Rik // RIKEN cDNA 2610301F02 gene // 2 C3 // 545428 //	2610301F02Rik	1.53923E-05	-2.03275	Week 8 down vs Week 6
10590597	NM_030692 // Sacm1l // SAC1 (suppressor of actin mutations 1, homolog)-like (S.	Sacm1l	2.1992E-07	-2.03267	Week 8 down vs Week 6
10562657	NM_001008427 // Gm5595 // predicted gene 5595 // 7 B3|7 // 434179 /// ENSMUST000	Gm5595	3.23283E-05	-2.0294	Week 8 down vs Week 6
10341301	---		1.87568E-05	-2.02929	Week 8 down vs Week 6
10343688	---		2.79049E-05	-2.02928	Week 8 down vs Week 6
10338872	---		0.000533348	-2.02831	Week 8 down vs Week 6
10540507	NM_008210 // H3f3a // H3 histone, family 3A // 1 D2.3 // 15078 /// BC083353 // H	H3f3a	3.44132E-08	-2.02823	Week 8 down vs Week 6
10579736	BC055692 // 9130011J15Rik // RIKEN cDNA 9130011J15 gene // 8 B3.3 // 66818 /// N	9130011J15Rik	1.8293E-11	-2.02689	Week 8 down vs Week 6
10368748	NM_009665 // Amd1 // S-adenosylmethionine decarboxylase 1 // 10 B2|10 25.0 cM //	Amd1	9.96318E-07	-2.02651	Week 8 down vs Week 6
10339797	---		5.15613E-06	-2.02636	Week 8 down vs Week 6
10343185	---		0.000202742	-2.026	Week 8 down vs Week 6
10342966	---		0.000287546	-2.02555	Week 8 down vs Week 6
10341124	---		0.000029835	-2.02546	Week 8 down vs Week 6
10422052	NM_001033132 // Commd6 // COMM domain containing 6 // 14 E2.3 // 66200 /// ENSMU	Commd6	3.34757E-07	-2.02543	Week 8 down vs Week 6
10343389	---		4.37914E-06	-2.02518	Week 8 down vs Week 6
10340239	---		0.0123347	-2.02335	Week 8 down vs Week 6
10344482	---		0.00532804	-2.02324	Week 8 down vs Week 6
10511325	NM_026147 // Rps20 // ribosomal protein S20 // 4 A1 // 67427 /// ENSMUST00000103	Rps20	3.06119E-10	-2.02283	Week 8 down vs Week 6
10446769	---		2.76785E-06	-2.02276	Week 8 down vs Week 6
10511541	NM_001081201 // Dpy19l4 // dpy-19-like 4 (C. elegans) // 4 A1|4 // 381510 /// EN	Dpy19l4	3.19021E-08	-2.02205	Week 8 down vs Week 6
10339503	---		5.02672E-07	-2.02179	Week 8 down vs Week 6
10542714	NM_133688 // Lyrm5 // LYR motif containing 5 // 6 G3|6 71.12 cM // 67636 /// ENS	Lyrm5	3.68495E-09	-2.02112	Week 8 down vs Week 6
10343718	---		0.0028756	-2.02034	Week 8 down vs Week 6
10379957	NM_029788 // Rnft1 // ring finger protein, transmembrane 1 // 11 C // 76892 ///	Rnft1	1.59826E-06	-2.02032	Week 8 down vs Week 6
10339001	---		9.60391E-06	-2.02013	Week 8 down vs Week 6
10469732	NM_013771 // Yme1l1 // YME1-like 1 (S. cerevisiae) // 2 A3 // 27377 /// ENSMUST0	Yme1l1	4.8187E-07	-2.01999	Week 8 down vs Week 6
10601844	NM_198161 // Bhlhb9 // basic helix-loop-helix domain containing, class B9 // X F	Bhlhb9	1.38531E-06	-2.01923	Week 8 down vs Week 6
10338224	---		1.59457E-07	-2.01906	Week 8 down vs Week 6
10372385	NM_172554 // Zdhhc17 // zinc finger, DHHC domain containing 17 // 10 D1 // 32015	Zdhhc17	0.000103062	-2.01887	Week 8 down vs Week 6
10341472	---		0.00168783	-2.01884	Week 8 down vs Week 6
10371916	ENSMUST00000067705 // 4930485B16Rik // RIKEN cDNA 4930485B16 gene // 10 C2 // 38	4930485B16Rik	0.00123269	-2.01844	Week 8 down vs Week 6
10342387	---		1.16157E-07	-2.01818	Week 8 down vs Week 6

10340699	---		0.000912177	-2.01785	Week 8 down vs Week 6
10519392	NM_030675 // Krit1 // KRIT1, ankyrin repeat containing // 5 A1|5 1.1 cM // 79264	Krit1	4.32314E-08	-2.01774	Week 8 down vs Week 6
10436958	NM_172469 // Clic6 // chloride intracellular channel 6 // 16 C4 // 209195 /// EN	Clic6	0.000760868	-2.01727	Week 8 down vs Week 6
10498907	NM_010298 // Glrb // glycine receptor, beta subunit // 3 E3-F1|3 36.0 cM // 1465	Glrb	7.28365E-06	-2.01718	Week 8 down vs Week 6
10436590	AK148800 // 2810055G20Rik // RIKEN cDNA 2810055G20 gene // 16 C3.1 // 77994 ///	2810055G20Rik	4.60055E-05	-2.01586	Week 8 down vs Week 6
10458213	NM_144866 // Etf1 // eukaryotic translation termination factor 1 // 18 B1 // 225	Etf1	6.40099E-07	-2.01474	Week 8 down vs Week 6
10523021	NM_018760 // Slc4a4 // solute carrier family 4 (anion exchanger), member 4 // 5	Slc4a4	0.00987454	-2.01461	Week 8 down vs Week 6
10343981	---		6.37665E-08	-2.01404	Week 8 down vs Week 6
10340917	---		0.000272632	-2.01256	Week 8 down vs Week 6
10339639	---		4.38064E-06	-2.01248	Week 8 down vs Week 6
10338198	---		0.00621286	-2.0118	Week 8 down vs Week 6
10339998	---		0.00413674	-2.01179	Week 8 down vs Week 6
10340353	---		0.00534956	-2.01157	Week 8 down vs Week 6
10504203	ENSMUST00000068158 // 4930578G10Rik // RIKEN cDNA 4930578G10 gene // 4 A5 // 759	4930578G10Rik	2.10008E-05	-2.01116	Week 8 down vs Week 6
10381697	NM_138753 // Hexim1 // hexamethylene bis-acetamide inducible 1 // 11 E1 // 19223	Hexim1	2.39E-13	-2.01019	Week 8 down vs Week 6
10502714	NM_027371 // Bxdc5 // brix domain containing 5 // 3 H3 // 70285 /// NM_027332 //	Bxdc5	2.2911E-06	-2.0094	Week 8 down vs Week 6
10592983	NM_013795 // Atp5l // ATP synthase, H+ transporting, mitochondrial F0 complex, s	Atp5l	1.196E-08	-2.00924	Week 8 down vs Week 6
10339805	---		0.000297358	-2.00906	Week 8 down vs Week 6
10362372	NM_001162537 // 9330159F19Rik // RIKEN cDNA 9330159F19 gene // 10 A4 // 212448 /	9330159F19Rik	0.000157442	-2.00904	Week 8 down vs Week 6
10354370	---		8.07E-13	-2.00841	Week 8 down vs Week 6
10368675	NM_008538 // Marcks // myristoylated alanine rich protein kinase C substrate //	Marcks	2.13276E-07	-2.00704	Week 8 down vs Week 6
10582985	NM_009807 // Casp1 // caspase 1 // 9 A1|9 1.0 cM // 12362 /// BC008152 // Casp1	Casp1	6.8884E-06	-2.00654	Week 8 down vs Week 6
10344606	---		0.00419307	-2.00648	Week 8 down vs Week 6
10457942	NM_009308 // Syt4 // synaptotagmin IV // 18 B1|18 10.0 cM // 20983 /// ENSMUST00	Syt4	0.000463517	-2.00628	Week 8 down vs Week 6
10603166	NM_025432 // Trappc2 // trafficking protein particle complex 2 // X F5 // 66226	Trappc2	4.64349E-08	-2.00552	Week 8 down vs Week 6
10339168	---		4.32736E-05	-2.00493	Week 8 down vs Week 6
10339962	---		0.00123288	-2.00491	Week 8 down vs Week 6
10341375	---		6.65058E-05	-2.00459	Week 8 down vs Week 6
10352133	NM_026626 // Efcab2 // EF-hand calcium binding domain 2 // 1 H3 // 68226 /// ENS	Efcab2	1.23684E-10	-2.00429	Week 8 down vs Week 6
10485635	NM_145380 // Eif3m // eukaryotic translation initiation factor 3, subunit M // 2	Eif3m	1.69943E-06	-2.00418	Week 8 down vs Week 6
10580331	NM_022997 // Vps35 // vacuolar protein sorting 35 // 8 C3 // 65114 /// ENSMUST00	Vps35	1.88362E-05	-2.00207	Week 8 down vs Week 6
10585956	NM_173018 // Myo9a // myosin IXa // 9 B // 270163 /// ENSMUST00000085572 // Myo9	Myo9a	2.06389E-05	-2.00154	Week 8 down vs Week 6
10343859	---		0.000518694	-2.00144	Week 8 down vs Week 6
10404870	---		1.45121E-09	-2.00054	Week 8 down vs Week 6
10338359	---		0.000450076	-2.00053	Week 8 down vs Week 6
10491191	NM_026517 // Rpl22l1 // ribosomal protein L22 like 1 // 3 A3 // 68028 /// ENSMUS	Rpl22l1	2.51935E-07	-2.00037	Week 8 down vs Week 6
10584870	NM_001013373 // Tmprss13 // transmembrane protease, serine 13 // 9 A5.2 // 21453	Tmprss13	0.00019169	2.0083	Week 8 up vs Week 6
10564057	---		0.000617346	2.00946	Week 8 up vs Week 6
10339786	---		9.75766E-09	2.00954	Week 8 up vs Week 6
10597511	ENSMUST00000075898 // Gm5921 // predicted gene 5921 // 9 F3 // 546164	Gm5921	8.50448E-09	2.01618	Week 8 up vs Week 6
10520862	NM_008037 // Fosl2 // fos-like antigen 2 // 5 B1|5 18.1 cM // 14284 /// ENSMUST0	Fosl2	2.51338E-05	2.01677	Week 8 up vs Week 6
10338187	---		0.000017441	2.01694	Week 8 up vs Week 6
10340394	---		0.000224025	2.01749	Week 8 up vs Week 6
10500329	NM_013549 // Hist2h2aa1 // histone cluster 2, H2aa1 // 3 F1-F2|3 45.2 cM // 1526	Hist2h2aa1	3.86139E-08	2.01936	Week 8 up vs Week 6
10339500	---		8.97642E-05	2.02139	Week 8 up vs Week 6
10567213	XR_033846 // LOC100047986 // similar to eukaryotic translation elongation factor	LOC100047986	4.7962E-08	2.02627	Week 8 up vs Week 6
10340271	---		3.70063E-05	2.02766	Week 8 up vs Week 6
10425120	NM_145929 // Gga1 // golgi associated, gamma adaptin ear containing, ARF binding	Gga1	6.79E-13	2.029	Week 8 up vs Week 6
10564818	NM_008486 // Anpep // alanyl (membrane) aminopeptidase // 7 D3 // 16790 /// ENSM	Anpep	0.0011099	2.0316	Week 8 up vs Week 6
10563112	NR_001277 // Snord33 // small nucleolar RNA, C/D box 33 // 7 B4 // 27208	Snord33	1.12941E-05	2.03227	Week 8 up vs Week 6
10338461	---		0.000144071	2.03363	Week 8 up vs Week 6
10343788	---		3.00612E-10	2.03782	Week 8 up vs Week 6
10342623	---		0.000497532	2.04204	Week 8 up vs Week 6
10489204	NM_009373 // Tgm2 // transglutaminase 2, C polypeptide // 2 H1|2 89.0 cM // 2181	Tgm2	0.000145323	2.04234	Week 8 up vs Week 6
10424676	NM_008529 // Ly6e // lymphocyte antigen 6 complex, locus E // 15 D3|15 41.7 cM /	Ly6e	8.23131E-05	2.04541	Week 8 up vs Week 6
10392413	---		0.000212448	2.04745	Week 8 up vs Week 6
10344210	---		0.000125093	2.04756	Week 8 up vs Week 6
10338217	---		0.000402548	2.04775	Week 8 up vs Week 6
10341824	---		0.00199814	2.04937	Week 8 up vs Week 6
10341399	---		7.39228E-07	2.05073	Week 8 up vs Week 6
10341555	---		1.34721E-05	2.05175	Week 8 up vs Week 6
10515716	FJ998170 // BC059842 // cDNA sequence BC059842 // 4 D2.1 // 230676 /// ENSMUST00	BC059842	2.8E-12	2.05293	Week 8 up vs Week 6
10409220	NM_013549 // Hist2h2aa1 // histone cluster 2, H2aa1 // 3 F1-F2|3 45.2 cM // 1526	Hist2h2aa1	2.35381E-08	2.0538	Week 8 up vs Week 6
10340829	---		0.000020889	2.05496	Week 8 up vs Week 6
10574350	NM_008609 // Mmp15 // matrix metallopeptidase 15 // 8 D1|8 45.5 cM // 17388 ///	Mmp15	4.11223E-08	2.05641	Week 8 up vs Week 6

10519270	NM_021604 // Agrn // agrin // 4 E2|4 80.0 cM // 11603 /// ENSMUST00000075787 //	Agrn	1.59E-13	2.05887	Week 8 up vs Week 6
10561212	NM_175641 // Ltbp4 // latent transforming growth factor beta binding protein 4 /	Ltbp4	7.62339E-06	2.05909	Week 8 up vs Week 6
10343152	---		0.00195521	2.05985	Week 8 up vs Week 6
10394805	ENSMUST00000063216 // 5730507C01Rik // RIKEN cDNA 5730507C01 gene // 12 A1.2 //	5730507C01Rik	6.7071E-08	2.06058	Week 8 up vs Week 6
10555389	NM_011671 // Ucp2 // uncoupling protein 2 (mitochondrial, proton carrier) // 7 E	Ucp2	3.67285E-08	2.0609	Week 8 up vs Week 6
10341052	---		0.000366255	2.06397	Week 8 up vs Week 6
10564037	---		0.00110981	2.06908	Week 8 up vs Week 6
10394833	BC063063 // 2410018L13Rik // RIKEN cDNA 2410018L13 gene // 12 A1.3 // 69732 ///	2410018L13Rik	1.04087E-07	2.0697	Week 8 up vs Week 6
10471535	NM_146119 // Fam129b // family with sequence similarity 129, member B // 2 B //	Fam129b	3.49451E-05	2.06983	Week 8 up vs Week 6
10339469	---		0.00173915	2.07117	Week 8 up vs Week 6
10416273	NM_145981 // Phyhip // phytanoyl-CoA hydroxylase interacting protein // 14 D2 //	Phyhip	0.000176204	2.07472	Week 8 up vs Week 6
10563897	---		0.00107998	2.07539	Week 8 up vs Week 6
10339280	---		0.000054058	2.07571	Week 8 up vs Week 6
10358027	NM_007921 // Elf3 // E74-like factor 3 // 1 F // 13710 /// ENSMUST00000003135 //	Elf3	0.00542177	2.0762	Week 8 up vs Week 6
10349832	XR_033420 // Gm7246 // predicted gene 7246 // 1 E4|1 // 638636	Gm7246	2.73395E-07	2.07631	Week 8 up vs Week 6
10341185	---		1.18813E-06	2.07941	Week 8 up vs Week 6
10391013	NM_010662 // Krt13 // keratin 13 // 11 D|11 58.49 cM // 16663 /// ENSMUST0000000	Krt13	0.00131986	2.08575	Week 8 up vs Week 6
10338042	---		0.000026162	2.08612	Week 8 up vs Week 6
10338290	---		4.00963E-06	2.08626	Week 8 up vs Week 6
10423654	NM_054049 // Osr2 // odd-skipped related 2 (Drosophila) // 15 B3.1|15 14.0 cM //	Osr2	0.000236985	2.08802	Week 8 up vs Week 6
10464924	NM_029576 // Rab1b // RAB1B, member RAS oncogene family // 19 A // 76308 /// ENS	Rab1b	3.44827E-09	2.08928	Week 8 up vs Week 6
10342539	---		8.11302E-05	2.08961	Week 8 up vs Week 6
10599096	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00158891	2.09063	Week 8 up vs Week 6
10603975	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00158891	2.09063	Week 8 up vs Week 6
10342209	---		0.00107066	2.09293	Week 8 up vs Week 6
10598183	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.00460942	2.09416	Week 8 up vs Week 6
10403464	NM_001081426 // Dip2c // DIP2 disco-interacting protein 2 homolog C (Drosophila)	Dip2c	1.87123E-06	2.09567	Week 8 up vs Week 6
10599064	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00101264	2.09576	Week 8 up vs Week 6
10535900	---		8.59668E-06	2.09617	Week 8 up vs Week 6
10342394	---		0.00108231	2.09906	Week 8 up vs Week 6
10564049	---		0.000305845	2.09948	Week 8 up vs Week 6
10383289	NM_130862 // Baiap2 // brain-specific angiogenesis inhibitor 1-associated protei	Baiap2	1.34999E-06	2.10034	Week 8 up vs Week 6
10339022	---		0.0002302	2.10122	Week 8 up vs Week 6
10603986	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00148446	2.10226	Week 8 up vs Week 6
10604023	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00148446	2.10226	Week 8 up vs Week 6
10393936	NM_007621 // Cbr2 // carbonyl reductase 2 // 11 E2|11 72.5 cM // 12409 /// ENSMU	Cbr2	0.000853185	2.10301	Week 8 up vs Week 6
10563955	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.00119429	2.10455	Week 8 up vs Week 6
10341762	---		0.00205534	2.10875	Week 8 up vs Week 6
10404051	NM_175654 // Hist1h4d // histone cluster 1, H4d // --- // 319156	Hist1h4d	1.78535E-07	2.10977	Week 8 up vs Week 6
10341420	---		1.18722E-09	2.1106	Week 8 up vs Week 6
10339987	---		1.47038E-05	2.11276	Week 8 up vs Week 6
10598218	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.00497374	2.11383	Week 8 up vs Week 6
10339264	---		2.79381E-05	2.11876	Week 8 up vs Week 6
10343251	---		3.9457E-06	2.11986	Week 8 up vs Week 6
10338041	---		4.22795E-06	2.12024	Week 8 up vs Week 6
10343974	---		1.15142E-07	2.1203	Week 8 up vs Week 6
10353307	XM_001478429 // LOC100047557 // hypothetical protein LOC100047557 // --- // 1000	LOC100047557	1.14178E-05	2.12177	Week 8 up vs Week 6
10567879	NM_007504 // Atp2a1 // ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	Atp2a1	0.00904527	2.12473	Week 8 up vs Week 6
10599075	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00162475	2.13096	Week 8 up vs Week 6
10599107	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00162475	2.13096	Week 8 up vs Week 6
10603964	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00162475	2.13096	Week 8 up vs Week 6
10603997	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00162475	2.13096	Week 8 up vs Week 6
10604008	NM_001109970 // RP23-110D11.1 // Xlr-related, meiosis regulated Xmr // X A3.1 //	RP23-110D11.1	0.00162475	2.13096	Week 8 up vs Week 6
10340532	---		0.00201366	2.13232	Week 8 up vs Week 6
10408928	NM_013560 // Hspb1 // heat shock protein 1 // 5 G2|5 76.0 cM // 15507 /// ENSMUS	Hspb1	4.17442E-05	2.1389	Week 8 up vs Week 6
10561478	NM_001081115 // Nccrp1 // non-specific cytotoxic cell receptor protein 1 homolog	Nccrp1	0.0012335	2.14026	Week 8 up vs Week 6
10494395	NM_013549 // Hist2h2aa1 // histone cluster 2, H2aa1 // 3 F1-F2|3 45.2 cM // 1526	Hist2h2aa1	7.92359E-08	2.14046	Week 8 up vs Week 6
10597182	BC157956 // Nbeal2 // neurobeachin-like 2 // 9 F2 // 235627 /// BC172118 // Nbea	Nbeal2	9.4091E-06	2.14177	Week 8 up vs Week 6
10608689	---		4E-15	2.14194	Week 8 up vs Week 6
10340647	---		1.40122E-05	2.14266	Week 8 up vs Week 6
10393197	NM_025276 // Evpl // envoplakin // 11 E1 // 14027 /// ENSMUST00000037007 // Evpl	Evpl	0.000639735	2.14526	Week 8 up vs Week 6
10338144	---		3.73212E-09	2.14575	Week 8 up vs Week 6
10344006	---		6.31251E-07	2.14595	Week 8 up vs Week 6
10526363	NM_008898 // Por // P450 (cytochrome) oxidoreductase // 5 G2|5 75.0 cM // 18984	Por	3.04827E-07	2.14709	Week 8 up vs Week 6
10603953	NM_001040669 // Gm5169 // predicted gene 5169 // X A2 // 382277 /// NM_001109970	Gm5169	0.000848042	2.14761	Week 8 up vs Week 6

10598225	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.0047823	2.151	Week 8 up vs Week 6
10338625	---		0.000952113	2.15191	Week 8 up vs Week 6
10339994	---		0.0133316	2.16098	Week 8 up vs Week 6
10494386	NM_178184 // Hist1h2an // histone cluster 1, H2an // 13 A3.1 // 319170 /// NM_17	Hist1h2an	1.64744E-08	2.16112	Week 8 up vs Week 6
10563931	---		0.000245273	2.16676	Week 8 up vs Week 6
10342004	---		0.00023787	2.16762	Week 8 up vs Week 6
10603232	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.00361457	2.16951	Week 8 up vs Week 6
10603237	NM_027955 // Gmcl1l // germ cell-less homolog 1 (Drosophila)-like // X A3.1 // 7	Gmcl1l	0.00361457	2.16951	Week 8 up vs Week 6
10427622	XR_030763 // LOC100045342 // hypothetical protein LOC100045342 // --- // 1000453	LOC100045342	6.45281E-05	2.17023	Week 8 up vs Week 6
10407390	NM_001077363 // Ptbp1 // polypyrimidine tract binding protein 1 // 10 C1|10 43.0	Ptbp1	1.4644E-08	2.1721	Week 8 up vs Week 6
10563965	---		0.00146255	2.17385	Week 8 up vs Week 6
10563967	---		0.00146255	2.17385	Week 8 up vs Week 6
10563971	---		0.00146255	2.17385	Week 8 up vs Week 6
10564043	---		0.00146255	2.17385	Week 8 up vs Week 6
10343552	---		1.38382E-05	2.17829	Week 8 up vs Week 6
10342913	---		1.571E-11	2.18091	Week 8 up vs Week 6
10342684	---		6.70102E-07	2.1816	Week 8 up vs Week 6
10340015	---		0.000717152	2.18307	Week 8 up vs Week 6
10550326	NM_198613 // Ap2s1 // adaptor-related protein complex 2, sigma 1 subunit // 7 A2	Ap2s1	1.8678E-11	2.18357	Week 8 up vs Week 6
10598187	---		0.00115324	2.18859	Week 8 up vs Week 6
10342039	---		0.00149623	2.19171	Week 8 up vs Week 6
10344231	---		8.92674E-07	2.19177	Week 8 up vs Week 6
10563943	---		0.000791517	2.19271	Week 8 up vs Week 6
10342830	---		7.49565E-05	2.19381	Week 8 up vs Week 6
10564137	---		0.000776876	2.19685	Week 8 up vs Week 6
10523058	NM_181582 // Eif5a // eukaryotic translation initiation factor 5A // 11 B3 // 27	Eif5a	2.75756E-06	2.19787	Week 8 up vs Week 6
10403943	NM_178200 // Hist1h2bm // histone cluster 1, H2bm // --- // 319186 /// ENSMUST00	Hist1h2bm	5.42659E-06	2.19856	Week 8 up vs Week 6
10343133	---		0.0037373	2.1987	Week 8 up vs Week 6
10339223	---		0.000371664	2.20385	Week 8 up vs Week 6
10488106	XM_001005575 // Gm14072 // predicted gene 14072 // 2 F3 // 269365	Gm14072	6.79091E-09	2.20422	Week 8 up vs Week 6
10339712	---		0.00380187	2.20733	Week 8 up vs Week 6
10339733	---		0.000063975	2.20828	Week 8 up vs Week 6
10564111	---		0.000557109	2.20941	Week 8 up vs Week 6
10589703	NM_008522 // Ltf // lactotransferrin // 9 F|9 70.2 cM // 17002 /// ENSMUST000000	Ltf	0.000534378	2.21001	Week 8 up vs Week 6
10341246	---		0.000193909	2.21135	Week 8 up vs Week 6
10472499	---		5.89536E-06	2.21255	Week 8 up vs Week 6
10339660	---		1.26612E-06	2.21468	Week 8 up vs Week 6
10343769	---		0.000388905	2.21524	Week 8 up vs Week 6
10344016	---		6.72612E-07	2.21952	Week 8 up vs Week 6
10598229	---		0.000623207	2.22622	Week 8 up vs Week 6
10338029	---		4.09518E-05	2.22645	Week 8 up vs Week 6
10500324	NM_013549 // Hist2h2aa1 // histone cluster 2, H2aa1 // 3 F1-F2|3 45.2 cM // 1526	Hist2h2aa1	1.28294E-08	2.22806	Week 8 up vs Week 6
10338153	---		0.0120941	2.23563	Week 8 up vs Week 6
10563993	---		0.000898031	2.23638	Week 8 up vs Week 6
10564021	---		0.000898031	2.23638	Week 8 up vs Week 6
10564025	---		0.000898031	2.23638	Week 8 up vs Week 6
10391036	NM_008471 // Krt19 // keratin 19 // 11 D|11 58.51 cM // 16669 /// ENSMUST0000000	Krt19	0.000596665	2.24028	Week 8 up vs Week 6
10548857	NM_175652 // Hist4h4 // histone cluster 4, H4 // 6 G1 // 320332	Hist4h4	6.966E-11	2.24066	Week 8 up vs Week 6
10342815	---		0.000111435	2.24194	Week 8 up vs Week 6
10342938	---		6.05037E-08	2.24372	Week 8 up vs Week 6
10342902	---		1.53141E-05	2.24453	Week 8 up vs Week 6
10343851	---		5.6715E-06	2.24689	Week 8 up vs Week 6
10342432	---		8.3271E-11	2.24939	Week 8 up vs Week 6
10339534	---		7.06166E-05	2.25145	Week 8 up vs Week 6
10339365	---		1.41153E-05	2.25178	Week 8 up vs Week 6
10339970	---		0.00427312	2.25348	Week 8 up vs Week 6
10339670	---		2.61517E-07	2.25426	Week 8 up vs Week 6
10564027	---		0.000714807	2.25443	Week 8 up vs Week 6
10564077	---		0.000714807	2.25443	Week 8 up vs Week 6
10564079	---		0.000714807	2.25443	Week 8 up vs Week 6
10564085	---		0.000714807	2.25443	Week 8 up vs Week 6
10564087	---		0.000714807	2.25443	Week 8 up vs Week 6
10564091	---		0.000714807	2.25443	Week 8 up vs Week 6
10564093	---		0.000714807	2.25443	Week 8 up vs Week 6
10564095	---		0.000714807	2.25443	Week 8 up vs Week 6

10564097	---		0.000714807	2.25443	Week 8 up vs Week 6
10564099	---		0.000714807	2.25443	Week 8 up vs Week 6
10564101	---		0.000714807	2.25443	Week 8 up vs Week 6
10564103	---		0.000714807	2.25443	Week 8 up vs Week 6
10564105	---		0.000714807	2.25443	Week 8 up vs Week 6
10564107	---		0.000714807	2.25443	Week 8 up vs Week 6
10564113	---		0.000714807	2.25443	Week 8 up vs Week 6
10564115	---		0.000714807	2.25443	Week 8 up vs Week 6
10564119	---		0.000714807	2.25443	Week 8 up vs Week 6
10564121	---		0.000714807	2.25443	Week 8 up vs Week 6
10564123	---		0.000714807	2.25443	Week 8 up vs Week 6
10564125	---		0.000714807	2.25443	Week 8 up vs Week 6
10564127	---		0.000714807	2.25443	Week 8 up vs Week 6
10564129	---		0.000714807	2.25443	Week 8 up vs Week 6
10564139	---		0.000714807	2.25443	Week 8 up vs Week 6
10343846	---		0.000921433	2.26229	Week 8 up vs Week 6
10341131	---		0.0139122	2.26507	Week 8 up vs Week 6
10341175	---		0.0150553	2.26773	Week 8 up vs Week 6
10564019	---		0.000556855	2.27466	Week 8 up vs Week 6
10432774	NM_010669 // Krt6b // keratin 6B // 15 F2|15 58.76 cM // 16688 /// ENSMUST000000	Krt6b	0.00290736	2.27678	Week 8 up vs Week 6
10338482	---		1.85101E-06	2.27972	Week 8 up vs Week 6
10343940	---		1.11687E-09	2.28019	Week 8 up vs Week 6
10341843	---		2.81504E-07	2.28197	Week 8 up vs Week 6
10338267	---		5.24383E-09	2.28856	Week 8 up vs Week 6
10343405	---		9.69336E-08	2.29253	Week 8 up vs Week 6
10563945	---		0.000169556	2.29894	Week 8 up vs Week 6
10598192	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000029533	2.3001	Week 8 up vs Week 6
10564053	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.00037531	2.30058	Week 8 up vs Week 6
10564055	---		0.00037531	2.30058	Week 8 up vs Week 6
10341220	---		0.00637399	2.30182	Week 8 up vs Week 6
10564015	---		0.000150729	2.30477	Week 8 up vs Week 6
10404028	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_0135	Hist1h3g	7.90126E-06	2.3051	Week 8 up vs Week 6
10564143	---		0.000643349	2.30782	Week 8 up vs Week 6
10564147	---		0.000643349	2.30782	Week 8 up vs Week 6
10599092	---		0.000748034	2.30839	Week 8 up vs Week 6
10403959	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 //	RP23-38E20.1	8.13513E-07	2.30892	Week 8 up vs Week 6
10408087	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 //	RP23-38E20.1	8.13513E-07	2.30892	Week 8 up vs Week 6
10339750	---		0.00125593	2.3115	Week 8 up vs Week 6
10340926	---		0.00196166	2.31749	Week 8 up vs Week 6
10391103	NM_010593 // Jup // junction plakoglobin // 11 D|11 60.0 cM // 16480 /// ENSMUST	Jup	1.73004E-06	2.31987	Week 8 up vs Week 6
10338841	---		8.06838E-06	2.3281	Week 8 up vs Week 6
10357072	NM_009126 // Serpinb3a // serine (or cysteine) peptidase inhibitor, clade B (ova	Serpinb3a	0.000454621	2.33067	Week 8 up vs Week 6
10343423	---		5.3663E-11	2.33485	Week 8 up vs Week 6
10340821	---		0.000112561	2.3359	Week 8 up vs Week 6
10339802	---		4.52441E-05	2.33732	Week 8 up vs Week 6
10563913	---		0.00050635	2.34161	Week 8 up vs Week 6
10563917	---		0.00050635	2.34161	Week 8 up vs Week 6
10563923	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.00050635	2.34161	Week 8 up vs Week 6
10341658	---		5.90938E-06	2.34221	Week 8 up vs Week 6
10564041	---		0.000507145	2.35146	Week 8 up vs Week 6
10564089	---		0.00036118	2.35333	Week 8 up vs Week 6
10342856	---		8.42349E-07	2.35382	Week 8 up vs Week 6
10603247	---		0.000034233	2.35895	Week 8 up vs Week 6
10571514	---		1.61694E-10	2.35929	Week 8 up vs Week 6
10339456	---		2.58151E-10	2.36192	Week 8 up vs Week 6
10338036	---		2.05573E-05	2.3669	Week 8 up vs Week 6
10563937	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10563947	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10563951	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10563953	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10563957	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10563995	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10563997	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10563999	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10564001	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6

10564003	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10564007	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10564029	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10564031	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000458667	2.36746	Week 8 up vs Week 6
10564035	---		0.000458667	2.36746	Week 8 up vs Week 6
10564039	---		0.000458667	2.36746	Week 8 up vs Week 6
10564051	---		0.000458667	2.36746	Week 8 up vs Week 6
10564059	---		0.000458667	2.36746	Week 8 up vs Week 6
10564061	---		0.000458667	2.36746	Week 8 up vs Week 6
10564063	---		0.000458667	2.36746	Week 8 up vs Week 6
10564065	XM_001475615 // Gm3079 // predicted gene 3079 // 7 C|7 // 100040985	Gm3079	0.000458667	2.36746	Week 8 up vs Week 6
10564067	---		0.000458667	2.36746	Week 8 up vs Week 6
10564071	---		0.000458667	2.36746	Week 8 up vs Week 6
10564075	---		0.000458667	2.36746	Week 8 up vs Week 6
10564081	---		0.000458667	2.36746	Week 8 up vs Week 6
10564083	---		0.000458667	2.36746	Week 8 up vs Week 6
10564131	---		0.000458667	2.36746	Week 8 up vs Week 6
10564133	---		0.000458667	2.36746	Week 8 up vs Week 6
10564141	---		0.000458667	2.36746	Week 8 up vs Week 6
10564145	---		0.000458667	2.36746	Week 8 up vs Week 6
10564149	---		0.000458667	2.36746	Week 8 up vs Week 6
10564151	---		0.000458667	2.36746	Week 8 up vs Week 6
10564153	---		0.000458667	2.36746	Week 8 up vs Week 6
10564155	---		0.000458667	2.36746	Week 8 up vs Week 6
10599088	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	1.56056E-05	2.3689	Week 8 up vs Week 6
10341376	---		2.01807E-05	2.3699	Week 8 up vs Week 6
10410235	XR_030628 // LOC100044384 // hypothetical protein LOC100044384 // --- // 1000443	LOC100044384	5.23752E-06	2.37399	Week 8 up vs Week 6
10343602	---		2.86624E-06	2.37995	Week 8 up vs Week 6
10564135	---		0.000372674	2.38112	Week 8 up vs Week 6
10342780	---		7.74303E-08	2.38651	Week 8 up vs Week 6
10344332	---		1.74196E-07	2.38974	Week 8 up vs Week 6
10472042	AF390105 // Gm13498 // predicted gene 13498 // 2 C1.1 // 227885 /// AF390105 //	Gm13498	3.73379E-05	2.39092	Week 8 up vs Week 6
10598071	---		0.000503175	2.39184	Week 8 up vs Week 6
10564013	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000395389	2.39271	Week 8 up vs Week 6
10564017	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000395389	2.39271	Week 8 up vs Week 6
10365003	AF357364 // Snord37 // small nucleolar RNA, C/D box 37 // 10|10 // 100217454	Snord37	2.72879E-07	2.39325	Week 8 up vs Week 6
10408202	NM_013548 // Hist1h3f // histone cluster 1, H3f // 13 A2-A3|13 12.0 cM // 260423	Hist1h3f	7.26098E-06	2.39757	Week 8 up vs Week 6
10343259	---		4.9048E-06	2.39924	Week 8 up vs Week 6
10408246	NM_013550 // Hist1h3a // histone cluster 1, H3a // 13 A2-A3 // 360198 /// NM_145	Hist1h3a	3.16804E-06	2.39995	Week 8 up vs Week 6
10603228	---		0.000605185	2.40469	Week 8 up vs Week 6
10403941	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_0135	Hist1h3g	8.25576E-06	2.40992	Week 8 up vs Week 6
10564011	AF357427 // Snord115 // Small nucleolar RNA, C/D Box 115 cluster // --- // 49391	Snord115	0.000391768	2.41084	Week 8 up vs Week 6
10340206	---		4.73276E-07	2.41582	Week 8 up vs Week 6
10338025	---		9.50018E-06	2.41661	Week 8 up vs Week 6
10340943	---		0.000530612	2.42172	Week 8 up vs Week 6
10408239	NM_013548 // Hist1h3f // histone cluster 1, H3f // 13 A2-A3|13 12.0 cM // 260423	Hist1h3f	6.55356E-06	2.42269	Week 8 up vs Week 6
10338396	---		6.64379E-08	2.42445	Week 8 up vs Week 6
10564005	---		0.000272213	2.4319	Week 8 up vs Week 6
10338799	---		0.0176856	2.43296	Week 8 up vs Week 6
10517067	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	0.000810939	2.44079	Week 8 up vs Week 6
10343018	---		3.56483E-07	2.44219	Week 8 up vs Week 6
10572635	NM_018754 // Sfn // stratifin // 4 62.0 cM // 55948 /// ENSMUST00000057311 // Sf	Sfn	0.00148729	2.44384	Week 8 up vs Week 6
10563935	---		0.000299154	2.45073	Week 8 up vs Week 6
10564045	---		0.000299154	2.45073	Week 8 up vs Week 6
10564047	---		0.000299154	2.45073	Week 8 up vs Week 6
10564023	---		0.000252684	2.46255	Week 8 up vs Week 6
10340729	---		5.17574E-07	2.46346	Week 8 up vs Week 6
10403948	NM_178194 // Hist1h2be // histone cluster 1, H2be // 13 A2-A3 // 319179 /// NM_0	Hist1h2be	1.08438E-06	2.46432	Week 8 up vs Week 6
10408083	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_0135	Hist1h3g	4.34044E-06	2.46916	Week 8 up vs Week 6
10339611	---		1.82865E-09	2.49833	Week 8 up vs Week 6
10342131	---		4.49348E-06	2.5006	Week 8 up vs Week 6
10578688	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00173729	2.5042	Week 8 up vs Week 6
10339667	---		5.94686E-09	2.50423	Week 8 up vs Week 6
10550698	NM_007710 // Ckm // creatine kinase, muscle // 7 A3|7 4.5 cM // 12715 /// ENSMUS	Ckm	0.00700573	2.50748	Week 8 up vs Week 6
10494402	NM_178216 // Hist2h3c1 // histone cluster 2, H3c1 // 3 F1-F2 // 15077 /// NM_054	Hist2h3c1	2.09506E-06	2.51342	Week 8 up vs Week 6

10381460	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.0015388	2.51818	Week 8 up vs Week 6
10381470	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.0015388	2.51818	Week 8 up vs Week 6
10381472	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.0015388	2.51818	Week 8 up vs Week 6
10391488	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.0015388	2.51818	Week 8 up vs Week 6
10563905	---		0.000276748	2.52502	Week 8 up vs Week 6
10563907	---		0.000276748	2.52502	Week 8 up vs Week 6
10564169	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	5.20418E-05	2.53571	Week 8 up vs Week 6
10494405	NM_178215 // Hist2h3b // histone cluster 2, H3b // 3 F2.1 // 319154 /// NM_01946	Hist2h3b	4.54035E-06	2.53723	Week 8 up vs Week 6
10564177	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	5.13227E-05	2.54322	Week 8 up vs Week 6
10430297	NM_013645 // Pvalb // parvalbumin // 15 E|15 45.7 cM // 19293 /// ENSMUST0000012	Pvalb	0.0146129	2.55695	Week 8 up vs Week 6
10338870	---		4.92043E-09	2.56173	Week 8 up vs Week 6
10381458	NR_004414 // Rnu2 // U2 small nuclear RNA // --- // 19848 /// NR_004414 // Rnu2	Rnu2	0.00175894	2.5625	Week 8 up vs Week 6
10599084	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	8.85749E-05	2.56386	Week 8 up vs Week 6
10564033	---		0.00019948	2.56417	Week 8 up vs Week 6
10404065	NM_013548 // Hist1h3f // histone cluster 1, H3f // 13 A2-A3|13 12.0 cM // 260423	Hist1h3f	3.70479E-06	2.56834	Week 8 up vs Week 6
10568731	---		1.74264E-10	2.57407	Week 8 up vs Week 6
10598227	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	0.000102873	2.58917	Week 8 up vs Week 6
10338447	---		3.32011E-08	2.59384	Week 8 up vs Week 6
10340580	---		0.000449663	2.62239	Week 8 up vs Week 6
10339988	---		7.82045E-10	2.62689	Week 8 up vs Week 6
10339241	---		1.63679E-06	2.62926	Week 8 up vs Week 6
10391061	NM_008470 // Krt16 // keratin 16 // 11 D // 16666 /// ENSMUST00000007280 // Krt1	Krt16	0.00166774	2.6297	Week 8 up vs Week 6
10470314	---		1.25333E-07	2.63603	Week 8 up vs Week 6
10342835	---		0.0131769	2.63849	Week 8 up vs Week 6
10564159	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	5.60003E-05	2.64666	Week 8 up vs Week 6
10344326	---		0.000596554	2.64789	Week 8 up vs Week 6
10340294	---		6.05098E-07	2.65659	Week 8 up vs Week 6
10391052	NM_016958 // Krt14 // keratin 14 // 11 D|11 58.6 cM // 16664 /// ENSMUST00000007	Krt14	9.48204E-05	2.66173	Week 8 up vs Week 6
10404049	NM_145073 // Hist1h3g // histone cluster 1, H3g // 13 A2-A3 // 97908 /// NM_1782	Hist1h3g	2.85004E-06	2.66477	Week 8 up vs Week 6
10340497	---		1.7709E-11	2.67772	Week 8 up vs Week 6
10343252	---		0.000364943	2.69267	Week 8 up vs Week 6
10339525	---		6.85763E-06	2.6978	Week 8 up vs Week 6
10343686	---		9.296E-12	2.7024	Week 8 up vs Week 6
10338854	---		7.29312E-06	2.70972	Week 8 up vs Week 6
10403980	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 //	RP23-38E20.1	4.80337E-07	2.71165	Week 8 up vs Week 6
10563909	---		0.000146124	2.72773	Week 8 up vs Week 6
10598018	---		0.000104514	2.73531	Week 8 up vs Week 6
10581027	NM_007475 // Rplp0 // ribosomal protein, large, P0 // 5 F // 11837 /// ENSMUST00	Rplp0	2.63E-13	2.73601	Week 8 up vs Week 6
10338044	---		1.7576E-07	2.73774	Week 8 up vs Week 6
10564183	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	4.00096E-05	2.73999	Week 8 up vs Week 6
10560174	NM_009156 // Sepw1 // selenoprotein W, muscle 1 // 7 A2 // 20364 /// ENSMUST0000	Sepw1	6.35227E-09	2.76857	Week 8 up vs Week 6
10342629	---		5.00566E-07	2.77256	Week 8 up vs Week 6
10564165	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	1.92199E-05	2.77497	Week 8 up vs Week 6
10387855	NM_009660 // Alox15 // arachidonate 15-lipoxygenase // 11 B3|11 40.0 cM // 11687	Alox15	0.000518781	2.78427	Week 8 up vs Week 6
10339093	---		1.97E-13	2.79785	Week 8 up vs Week 6
10564163	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564167	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564171	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564173	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564175	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564179	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564181	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564185	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564187	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564189	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564191	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564193	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564195	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564197	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564199	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564201	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564205	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10564207	AF241256 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0 c	Snord116	2.45198E-05	2.80345	Week 8 up vs Week 6
10436694	NM_007475 // Rplp0 // ribosomal protein, large, P0 // 5 F // 11837 /// ENSMUST00	Rplp0	3.16E-13	2.80709	Week 8 up vs Week 6
10408210	NM_023422 // Hist1h2bc // histone cluster 1, H2bc // 13 A3.1 // 68024 /// NM_001	Hist1h2bc	1.76634E-07	2.80767	Week 8 up vs Week 6

10405935	NM_007475 // Rplp0 // ribosomal protein, large, P0 // 5 F // 11837 /// ENSMUST00	Rplp0	1.84E-13	2.80991	Week 8 up vs Week 6
10403978	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 //	RP23-38E20.1	4.74683E-07	2.84029	Week 8 up vs Week 6
10339193	---		4.50191E-07	2.84685	Week 8 up vs Week 6
10408070	NM_001097979 // RP23-38E20.1 // predicted gene, OTTMUSG00000013203 // 13 A3.1 //	RP23-38E20.1	4.68964E-07	2.85898	Week 8 up vs Week 6
10564161	NR_002895 // Snord116 // small nucleolar RNA, C/D box 116 cluster // 7 C|7 29.0	Snord116	1.99831E-05	2.86631	Week 8 up vs Week 6
10587778	---		0.000497049	2.90992	Week 8 up vs Week 6
10338128	---		7.7457E-11	2.91226	Week 8 up vs Week 6
10338272	---		8.08405E-07	2.92133	Week 8 up vs Week 6
10481627	NM_008491 // Lcn2 // lipocalin 2 // 2 A3|2 27.0 cM // 16819 /// ENSMUST000000507	Lcn2	3.10144E-06	2.94952	Week 8 up vs Week 6
10432886	NM_008475 // Krt4 // keratin 4 // 15 F3|15 58.84 cM // 16682 /// ENSMUST00000023	Krt4	0.000097476	2.96945	Week 8 up vs Week 6
10342572	---		1.43609E-08	2.97931	Week 8 up vs Week 6
10344161	---		1.04329E-07	2.99253	Week 8 up vs Week 6
10341166	---		5.50061E-07	3.02918	Week 8 up vs Week 6
10342768	---		8.29904E-08	3.13263	Week 8 up vs Week 6
10391066	NM_010663 // Krt17 // keratin 17 // 11 D|11 58.7 cM // 16667 /// ENSMUST00000080	Krt17	3.64284E-05	3.1349	Week 8 up vs Week 6
10603242	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	2.89932E-05	3.13888	Week 8 up vs Week 6
10343635	---		1.70193E-06	3.26619	Week 8 up vs Week 6
10343507	---		1.03022E-06	3.27598	Week 8 up vs Week 6
10342754	---		2.2739E-11	3.34389	Week 8 up vs Week 6
10343447	---		1.90494E-05	3.39825	Week 8 up vs Week 6
10341793	---		4.35444E-10	3.39945	Week 8 up vs Week 6
10341095	---		0.000495154	3.42501	Week 8 up vs Week 6
10338959	---		0.000184925	3.51279	Week 8 up vs Week 6
10340039	---		1.23064E-07	3.55705	Week 8 up vs Week 6
10600480	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	2.59978E-05	3.69777	Week 8 up vs Week 6
10603230	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	2.59978E-05	3.69777	Week 8 up vs Week 6
10605353	BC117726 // 4930408F14Rik // RIKEN cDNA 4930408F14 gene // X A7.3 // 74851 /// E	4930408F14Rik	2.59978E-05	3.69777	Week 8 up vs Week 6
10343612	---		3.877E-07	3.84828	Week 8 up vs Week 6
10342017	---		5.28253E-08	4.22525	Week 8 up vs Week 6
10338833	---		5.13453E-09	4.22753	Week 8 up vs Week 6
10338619	---		1.52844E-08	4.38269	Week 8 up vs Week 6
10343794	---		2.4362E-09	4.75902	Week 8 up vs Week 6
10338355	---		1.34011E-05	5.12992	Week 8 up vs Week 6
10606178	NR_001463 // Xist // inactive X specific transcripts // X D // 213742 /// NR_001	Xist	0.000148454	56.7528	Week 8 up vs Week 6