

Appendix 2: T-test comparing gene expression on Day0 to Day3 of serum deprivation of HEK-293 cells as described for each feature of the NEIBank custom human microarray. hcsID refers to the in-house feature ID, Symbol and GeneID refer to the Entrez IDs.

hcsID	GeneID	Symbol	p-value	Mean	Mean fold Change
hcs001a04			0.828761	1.1197	1.1197
hcs001a05	340348	TSPAN33	0.786684	1.15743	1.15743
hcs001a06	5376	PMP22	0.633824	1.18813	1.18813
hcs001a08	6319	SCD	0.028273	0.624023	-1.60251
hcs001a10	59	ACTA2	0.708006	0.894106	-1.11844
hcs001a12	1509	CTSD	0.543555	1.23193	1.23193
hcs001b01	11335	CBX3	0.165015	0.658062	-1.51961
hcs001b04	84899	TMTC4	0.722329	1.31366	1.31366
hcs001b05	1915	EEF1A1	0.081635	1.10381	1.10381
hcs001b07	10980	COPS6	0.77619	1.17759	1.17759
hcs001b10	56948	SDR39U1	0.382477	2.94423	2.94423
hcs001b12	60	ACTB	0.039504	0.771506	-1.29617
hcs001c05	28969	BZW2	0.113246	0.77978	-1.28241
hcs001c07	2878	GPX3	0.840334	0.882027	-1.13375
hcs001c08	5160	PDHA1	0.842534	1.10954	1.10954
hcs001c09	1622	DBI	0.01125	0.53977	-1.85264
hcs001c11	10959	TMED2	0.962863	1.01291	1.01291
hcs001d01	23558	WBP2	0.677582	1.17482	1.17482
hcs001d04	23020	SNRNP200	0.973368	1.01669	1.01669
hcs001d06	373156	GSTK1	0.999315	1.00042	1.00042
hcs001d07	50	ACO2	0.676802	1.3453	1.3453
hcs001d08	79921	TCEAL4	0.21264	0.741944	-1.34781
hcs001d10	81618	ITM2C	0.4275	1.78764	1.78764
hcs001d12	493	ATP2B4	0.453828	2.50378	2.50378
hcs001e01	7332	UBE2L3	0.432673	0.751873	-1.33001
hcs001e02	22908	SACM1L	0.175618	0.723171	-1.3828
hcs001e03	149832	LOC149832	0.288089	0.76322	-1.31024
hcs001e04	5730	PTGDS	0.158659	1.20029	1.20029
hcs001e06	80279	CDK5RAP3	0.133214	1.75829	1.75829
hcs001e08	5546	PRCC	0.943008	1.0206	1.0206
hcs001e09	6194	RPS6	0.022433	1.40773	1.40773
hcs001e10	6122	RPL3	0.071246	1.15701	1.15701
hcs001e11	9528	TMEM59	0.457421	1.22815	1.22815
hcs001e12	1973	EIF4A1	0.001677	0.482444	-2.07278
hcs001f01	6142	RPL18A	0.101068	1.38818	1.38818
hcs001f02	7086	TKT	0.535138	0.870369	-1.14894
hcs001f04	8310	ACOX3	0.381308	3.68542	3.68542
hcs001f06	4869	NPM1	0.001042	0.603209	-1.6578
hcs001f07	3628	INPP1	0.28884	5.86556	5.86556
hcs001f11	7791	ZYX	0.465404	1.36896	1.36896
hcs001f12			0.349348	1.24818	1.24818
hcs001g04	6191	RPS4X	0.405619	0.926013	-1.0799
hcs001g05	5817	PVR	0.688443	1.22539	1.22539
hcs001g06	6146	RPL22	0.340092	1.37624	1.37624

hcs001g07	10318 TNIP1	0.663713	0.813351	-1.22948
hcs001g08	25943 C20orf194	0.82717	0.885015	-1.12992
hcs001g09	2778 GNAS	0.862126	1.06957	1.06957
hcs001g12	1317 SLC31A1	0.837007	1.03728	1.03728
hcs001h01	10236 HNRNPR	0.041614	0.65506	-1.52658
hcs001h02	1979 EIF4EBP2	0.437966	0.759397	-1.31683
hcs001h04	6188 RPS3	0.142173	1.67344	1.67344
hcs001h05	3631 INPP4A	0.659425	1.20114	1.20114
hcs001h06	7078 TIMP3	0.78722	1.13277	1.13277
hcs001h07	207 AKT1	0.460877	1.94992	1.94992
hcs001h10	3836 KPNA1	0.410796	0.786469	-1.27151
hcs001h12	3106 HLA-B	0.280767	1.52598	1.52598
hcs002a01	7178 TPT1	0.008723	1.37833	1.37833
hcs002a03	54541 DDIT4	0.15762	0.679731	-1.47117
hcs002a04	63891 RNF123	0.466496	1.58601	1.58601
hcs002a05	116447 TOP1MT	0.418551	1.78162	1.78162
hcs002a06	11100 HNRNPUL1	0.938278	1.03322	1.03322
hcs002a09	3837 KPNB1	0.2045	0.810292	-1.23412
hcs002a10	1453 CSNK1D	0.314947	2.43675	2.43675
hcs002a11	4430 MYO1B	0.769302	1.21457	1.21457
hcs002a12	6125 RPL5	0.394757	1.0768	1.0768
hcs002b01	529 ATP6V1E1	0.643407	0.851345	-1.17461
hcs002b02	5757 PTMA	0.015563	0.459777	-2.17497
hcs002c01	2597 GAPDH	0.100317	0.76638	-1.30484
hcs002c02	7869 SEMA3B	0.060968	0.654473	-1.52795
hcs002c03	5037 PEBP1	0.386015	0.931918	-1.07306
hcs002c08	7419 VDAC3	0.055849	0.768829	-1.30068
hcs002d01		0.467185	1.63062	1.63062
hcs002d05		0.647995	1.40802	1.40802
hcs002d11	26121 PRPF31	0.731855	1.1918	1.1918
hcs002d12	6520 SLC3A2	0.289048	1.79308	1.79308
hcs002e03	3106 HLA-B	0.435558	1.26807	1.26807
hcs002e04	8493 PPM1D	0.962007	0.985784	-1.01442
hcs002e10	51816 CECR1	0.593512	1.21659	1.21659
hcs002e12		0.097579	1.15471	1.15471
hcs002f01	8663 EIF3C	0.689797	0.882811	-1.13275
hcs002f02	23741 EID1	0.673063	0.912859	-1.09546
hcs002f04	10147 SUGP2	0.884165	0.938002	-1.0661
hcs002f05		0.412574	1.95997	1.95997
hcs002f06	7004 TEAD4	0.687652	1.44693	1.44693
hcs002f08	10992 SF3B2	0.670167	1.20099	1.20099
hcs002f12	23521 RPL13A	0.020191	1.91067	1.91067
hcs002g01	81671 TMEM49	0.677821	0.898893	-1.11248
hcs002g02	5476 CTSA	0.582332	0.80359	-1.24442
hcs002g03	3925 STMN1	0.03352	1.14211	1.14211
hcs002g04	9997 SCO2	0.771064	1.1841	1.1841
hcs002g05	57407 NMRAL1	0.678869	1.2944	1.2944

hcs002g06	2495 FTH1	0.156179	1.17533	1.17533
hcs002g08		0.627137	1.39204	1.39204
hcs002g11	7812 CSDE1	0.095166	0.609789	-1.63991
hcs002g12	57226 LYRM2	0.989807	0.997772	-1.00223
hcs002h01	83939 EIF2A	0.114261	0.68505	-1.45975
hcs002h02	285704 RGMB	0.383378	2.01825	2.01825
hcs002h04	116228 FAM36A	0.364419	0.735995	-1.3587
hcs002h05	6595 SMARCA2	0.984843	0.994493	-1.00554
hcs002h08	3611 ILK	0.606067	1.33984	1.33984
hcs002h10	3550 IK	0.072082	0.684502	-1.46092
hcs002h12	2632 GBE1	0.731163	1.27201	1.27201
hcs003a03	57180 ACTR3B	0.498547	1.41465	1.41465
hcs003a05	57685 CACHD1	0.711473	1.25019	1.25019
hcs003a07	1513 CTSK	0.465771	1.65685	1.65685
hcs003a08	3073 HEXA	0.504001	1.5856	1.5856
hcs003a09	102 ADAM10	0.890801	0.936252	-1.06809
hcs003a11	378938 MALAT1	0.439395	1.1226	1.1226
hcs003b02	6429 SRSF4	0.980026	0.991668	-1.0084
hcs003b03	50717 DCAF8	0.986755	1.00471	1.00471
hcs003b05	79137 FAM134A	0.32092	2.51637	2.51637
hcs003b06	7263 TST	0.154268	1.33371	1.33371
hcs003b07	327 APEH	0.344505	1.14783	1.14783
hcs003b09	29956 LASS2	0.018998	1.3725	1.3725
hcs003b10	9776 ATG13	0.209568	2.4312	2.4312
hcs003b12	311 ANXA11	0.508356	0.842146	-1.18744
hcs003c01		0.221825	1.66736	1.66736
hcs003c03	10946 SF3A3	0.931588	0.989031	-1.01109
hcs003c04	10916 MAGED2	0.356336	1.98811	1.98811
hcs003c06	3105 HLA-A	0.593104	1.35973	1.35973
hcs003c07	27122 DKK3	0.357724	2.52593	2.52593
hcs003c08	4478 MSN	0.580229	0.8283	-1.20729
hcs003d01	10456 HAX1	0.368686	1.43862	1.43862
hcs003d02	2224 FDPS	0.326765	0.773213	-1.2933
hcs003d07	22 ABCB7	0.215509	0.658879	-1.51773
hcs003d09	389 RHOC	0.459163	1.13225	1.13225
hcs003d11	2590 GALNT2	0.661356	0.869257	-1.15041
hcs003e03	10549 PRDX4	0.036478	0.708488	-1.41146
hcs003e04	80195 C10orf57	0.91096	0.964539	-1.03676
hcs003e05	6133 RPL9	0.391577	1.17937	1.17937
hcs003e06	3921 RPSA	0.177289	1.21535	1.21535
hcs003e07	9611 NCOR1	0.447307	1.82248	1.82248
hcs003e09		0.425893	0.85048	-1.17581
hcs003e12		0.200508	1.23704	1.23704
hcs003f02	8021 NUP214	0.981347	1.00262	1.00262
hcs003f04	23324 MAN2B2	0.31412	1.23245	1.23245
hcs003f05	509 ATP5C1	0.288917	0.765245	-1.30677
hcs003f07	29934 SNX12	0.32344	1.52076	1.52076

hcs003f08		0.588535	1.07055	1.07055
hcs003f09	9686 VGLL4	0.1822	1.39919	1.39919
hcs003f11	10670 RRAGA	0.074619	1.25788	1.25788
hcs003g01	949 SCARB1	0.061766	1.06219	1.06219
hcs003g02	51202 DDX47	0.465916	0.774378	-1.29136
hcs003g04	6617 SNAPC1	0.484847	0.887434	-1.12684
hcs003g05	966 CD59	0.77852	1.13819	1.13819
hcs003g06	2771 GNAI2	0.839221	1.07937	1.07937
hcs003g07	4172 MCM3	0.564502	1.04508	1.04508
hcs003g08	8883 NAE1	0.026285	0.783474	-1.27637
hcs003g10	1312 COMT	0.173117	1.3409	1.3409
hcs003g11	3945 LDHB	0.007061	0.467887	-2.13727
hcs003g12	8668 EIF3I	0.874618	0.948462	-1.05434
hcs003h01	25777 SUN2	0.047185	1.9901	1.9901
hcs003h04	1026 CDKN1A	0.05921	2.16965	2.16965
hcs003h05	5660 PSAP	0.497989	1.4753	1.4753
hcs003h07	10216 PRG4	0.38525	1.15674	1.15674
hcs003h12	9948 WDR1	0.441303	0.853415	-1.17176
hcs004a03	9403 15-Sep	0.126492	0.695011	-1.43883
hcs004a07	821 CANX	0.733549	0.908786	-1.10037
hcs004a08	5223 PGAM1	0.393364	0.769307	-1.29987
hcs004a09		0.79903	0.88962	-1.12408
hcs004a11	10961 ERP29	0.314537	1.73756	1.73756
hcs004a12	226 ALDOA	0.66522	0.922609	-1.08388
hcs004b01	3020 H3F3A	0.011194	0.731677	-1.36672
hcs004b04	140576 S100A16	0.383968	1.88625	1.88625
hcs004b08	57835 SLC4A5	0.528462	1.54035	1.54035
hcs004b12	56652 C10orf2	0.975599	0.989756	-1.01035
hcs004c03	10801 9-Sep	0.294065	1.17818	1.17818
hcs004c04	58505 OSTC	0.106955	0.691295	-1.44656
hcs004c05	10726 NUDC	0.795949	0.886822	-1.12762
hcs004c06	3105 HLA-A	0.543201	1.4483	1.4483
hcs004c07	7417 VDAC2	0.202906	0.859106	-1.164
hcs004c09	51285 RASL12	0.228488	0.830654	-1.20387
hcs004c10	51361 HOOK1	0.934962	1.03862	1.03862
hcs004c11	11345 GABARAPL	0.669919	1.09105	1.09105
hcs004c12	54477 PLEKHA5	0.716254	1.11372	1.11372
hcs004d01	10963 STIP1	0.094599	0.696976	-1.43477
hcs004d02	26986 PABPC1	0.881547	1.01113	1.01113
hcs004d04	818 CAMK2G	0.637498	0.821382	-1.21746
hcs004d05	3396 ICT1	0.943365	0.980815	-1.01956
hcs004d07	5550 PREP	0.696335	0.83858	-1.19249
hcs004d09	10209 EIF1	0.00359	1.19972	1.19972
hcs004e03	1173 AP2M1	0.640914	0.84765	-1.17973
hcs004e04	51386 EIF3L	0.564917	1.24282	1.24282
hcs004e06	10383 TUBB2C	0.894355	0.951199	-1.0513
hcs004e07	22948 CCT5	0.063185	0.659347	-1.51665

hcs004e08	55853	IDI2-AS1	0.857199	0.929602	-1.07573
hcs004e11	9168	TMSB10	0.008875	0.671368	-1.4895
hcs004f02	3241	HPCAL1	0.605183	1.1184	1.1184
hcs004f05	57506	MAVS	0.62506	1.36743	1.36743
hcs004f06	2023	ENO1	0.671431	0.943761	-1.05959
hcs004f07			0.911194	1.05294	1.05294
hcs004f08	3309	HSPA5	0.234346	1.22076	1.22076
hcs004f10	27352	SGSM3	0.262484	1.20929	1.20929
hcs004f12	55225	RAVER2	0.514995	0.923987	-1.08227
hcs004g02	1718	DHCR24	0.199887	0.727849	-1.37391
hcs004g03	8613	PPAP2B	0.154949	1.63787	1.63787
hcs004g04	8148	TAF15	0.166723	0.725933	-1.37754
hcs004g05			0.373038	1.6061	1.6061
hcs004g07	57493	HEG1	0.399701	1.82265	1.82265
hcs004g08			0.43129	1.79458	1.79458
hcs004h02			0.448863	0.838526	-1.19257
hcs004h06	9524	TECR	0.703539	1.11803	1.11803
hcs004h08	10449	ACAA2	0.160633	0.755644	-1.32337
hcs004h09			0.45174	0.915968	-1.09174
hcs004h10	293	SLC25A6	0.486835	1.11474	1.11474
hcs004h11	7164	TPD52L1	0.75953	0.947169	-1.05578
hcs005a01	1312	COMT	0.612869	0.814497	-1.22775
hcs005a02	4853	NOTCH2	0.133669	0.577827	-1.73062
hcs005a03	5269	SERPINB6	0.405599	1.05872	1.05872
hcs005a06	1059	CENPB	0.36092	1.60582	1.60582
hcs005a09	10749	KIF1C	0.541004	0.833526	-1.19972
hcs005b01	8439	NSMAF	0.740397	0.900871	-1.11004
hcs005b07	56995	TULP4	0.609533	1.20292	1.20292
hcs005b08	6130	RPL7A	0.410687	1.1535	1.1535
hcs005b10	2787	GNG5	0.072017	0.793431	-1.26035
hcs005b11	23636	NUP62	0.93564	0.986356	-1.01383
hcs005c02	498	ATP5A1	0.771479	0.893682	-1.11897
hcs005c04	83695	C12orf32	0.841837	1.02708	1.02708
hcs005c05	5834	PYGB	0.863016	1.02181	1.02181
hcs005c06	23710	GABARAPL	0.700522	1.14053	1.14053
hcs005c09	54716	SLC6A20	0.066106	1.31447	1.31447
hcs005c10	55764	IFT122	0.66476	1.18512	1.18512
hcs005c12	5315	PKM2	0.519634	1.63425	1.63425
hcs005d01			0.866344	0.97949	-1.02094
hcs005d02			0.113495	0.85124	-1.17476
hcs005d04	6124	RPL4	0.556179	1.04106	1.04106
hcs005d06	23365	ARHGEF12	0.641123	1.08894	1.08894
hcs005d07	10068	IL18BP	0.375747	1.25906	1.25906
hcs005d09	57693	ZNF317	0.975212	0.990629	-1.00946
hcs005d11	2353	FOS	0.860906	0.877203	-1.13999
hcs005d12	51009	DERL2	0.725996	1.03506	1.03506
hcs005e03	55751	TMEM184C	0.533337	1.51935	1.51935

hcs005e04	149951	COMMD7	0.421984	1.2539	1.2539
hcs005e05	10399	GNB2L1	0.144116	1.49732	1.49732
hcs005e09	2923	PDIA3	0.681271	0.939403	-1.06451
hcs005e10	3712	IVD	0.370971	1.11948	1.11948
hcs005f04	6888	TALDO1	0.265393	0.778413	-1.28467
hcs005f05			0.323726	1.42793	1.42793
hcs005f07	2752	GLUL	0.667676	1.08202	1.08202
hcs005f08	468	ATF4	0.98253	1.00224	1.00224
hcs005f09	2950	GSTP1	0.028793	0.707945	-1.41254
hcs005f11	64400	AKTIP	0.43002	0.879974	-1.1364
hcs005f12			0.01189	0.785514	-1.27305
hcs005g02	6175	RPLP0	0.186669	1.58593	1.58593
hcs005g03	7105	TSPAN6	0.687796	1.05855	1.05855
hcs005g04	9353	SLIT2	0.535399	1.44953	1.44953
hcs005g06	200845	KCTD6	0.946362	0.988809	-1.01132
hcs005g07	23215	PRRC2C	0.046822	0.874384	-1.14366
hcs005g09	23354	HAUS5	0.07114	1.47787	1.47787
hcs005g11	2202	EFEMP1	0.332343	1.2319	1.2319
hcs005h02	2631	GBAS	0.062304	0.618519	-1.61677
hcs005h03	2067	ERCC1	0.05049	0.719905	-1.38907
hcs005h05	4670	HNRNPM	0.706448	0.966384	-1.03479
hcs005h07	79073	TMEM109	0.949111	1.00619	1.00619
hcs005h08	6522	SLC4A2	0.262562	0.920097	-1.08684
hcs005h10	9802	DAZAP2	0.333747	1.2258	1.2258
hcs005h11	4641	MYO1C	0.337488	0.719474	-1.3899
hcs006a01	10410	IFITM3	0.045317	0.837408	-1.19416
hcs006a02	339123	JMJD8	0.769851	1.03085	1.03085
hcs006a04	5354	PLP1	0.027131	1.40175	1.40175
hcs006a05	83882	TSPAN10	0.914698	0.987163	-1.013
hcs006a06	10618	TGOLN2	0.146817	1.49967	1.49967
hcs006a07	10423	CDIPT	0.098281	1.18797	1.18797
hcs006a08	6602	SMARCD1	0.850561	1.04972	1.04972
hcs006a09			0.23307	0.902489	-1.10805
hcs006a10	715	C1R	0.060409	1.13287	1.13287
hcs006b01	203245	NAIF1	0.001417	0.62073	-1.61101
hcs006b02			0.76721	1.09454	1.09454
hcs006b04	23283	CSTF2T	0.022017	0.827929	-1.20783
hcs006b05	2261	FGFR3	0.027478	0.666718	-1.49988
hcs006b07			0.937632	1.03347	1.03347
hcs006b08	304	ANXA2P2	0.725792	1.14632	1.14632
hcs006b10	11047	ADRM1	0.772191	1.13538	1.13538
hcs006b11	27166	PRELID1	0.773418	0.899529	-1.11169
hcs006c03	129642	MBOAT2	0.44565	1.30933	1.30933
hcs006c04	7009	TMBIM6	0.102378	1.33485	1.33485
hcs006c05	10412	NSA2	0.114282	0.820264	-1.21912
hcs006c06	2012	EMP1	0.822781	1.13388	1.13388
hcs006c07	9761	MLEC	0.666656	0.862698	-1.15915

hcs006c10	51084 CRYL1	0.814744	0.933824	-1.07087
hcs006d04	6891 TAP2	0.661359	1.09668	1.09668
hcs006d05	51366 UBR5	0.374141	0.828359	-1.20721
hcs006d07	7980 TFPI2	0.906531	1.03124	1.03124
hcs006d09	8682 PEA15	0.590521	1.31609	1.31609
hcs006d10	23126 POGZ	0.347419	1.47552	1.47552
hcs006d11		0.983005	0.996034	-1.00398
hcs006e01	9810 RNF40	0.377549	1.47121	1.47121
hcs006e02	23466 CBX6	0.974603	1.01497	1.01497
hcs006e03	221120 ALKBH3	0.183084	1.45877	1.45877
hcs006e04	6206 RPS12	0.514215	0.852452	-1.17309
hcs006e05	3115 HLA-DPB1	0.003289	1.39358	1.39358
hcs006e06	71 ACTG1	0.330173	1.42323	1.42323
hcs006e07	3295 HSD17B4	0.052069	0.710762	-1.40694
hcs006e08	4921 DDR2	0.910404	0.979596	-1.02083
hcs006e10	6744 SSFA2	0.065873	0.763095	-1.31045
hcs006e11	3032 HADHB	0.850885	1.02189	1.02189
hcs006e12	56997 ADCK3	0.135711	0.717317	-1.39408
hcs006f01	80313 LRRC27	0.994795	1.00334	1.00334
hcs006f03	10376 TUBA1B	0.147164	1.15824	1.15824
hcs006f04	29 ABR	0.290802	0.918404	-1.08885
hcs006f05	476 ATP1A1	0.583637	0.767654	-1.30267
hcs006f06	25948 KBTBD2	0.065923	0.800574	-1.2491
hcs006f07		0.371202	4.3074	4.3074
hcs006f08	1508 CTSB	0.355248	2.31249	2.31249
hcs006f09	10628 TXNIP	0.622497	1.35187	1.35187
hcs006f10	6653 SORL1	0.238771	2.40753	2.40753
hcs006g02	6720 SREBF1	0.401469	1.377	1.377
hcs006g04	9877 ZC3H11A	0.2665	1.20152	1.20152
hcs006g05	113419 TEX261	0.603192	1.20781	1.20781
hcs006g08	8502 PKP4	0.870054	0.950823	-1.05172
hcs006g10	64114 TMBIM1	0.196906	1.1909	1.1909
hcs006g11	9554 SEC22B	0.831607	0.963422	-1.03797
hcs006g12	51466 EVL	0.250396	1.13242	1.13242
hcs006h03	7249 TSC2	0.395942	0.851406	-1.17453
hcs006h04	967 CD63	0.672469	1.18682	1.18682
hcs006h05	10933 MORF4L1	0.262006	1.19319	1.19319
hcs006h06	5627 PROS1	0.59687	0.88303	-1.13246
hcs006h07	10552 ARPC1A	0.395481	2.02534	2.02534
hcs006h08	8775 NAPA	0.370605	0.842274	-1.18726
hcs006h09	5358 PLS3	0.875598	0.968509	-1.03251
hcs006h10	8291 DYSF	0.026014	0.633927	-1.57747
hcs007a01	54499 TMCO1	0.973202	0.993802	-1.00624
hcs007a02	81 ACTN4	0.210666	0.839558	-1.1911
hcs007a03	3098 HK1	0.831984	0.921231	-1.0855
hcs007a06	7132 TNFRSF1A	0.858606	0.932332	-1.07258
hcs007a08	55114 ARHGAP17	0.89483	0.965949	-1.03525

hcs007a09	55726 C12orf11	0.826737	1.04104	1.04104
hcs007a10		0.146897	0.803328	-1.24482
hcs007a12	3488 IGFBP5	0.682984	0.949776	-1.05288
hcs007b04	133746 JMY	0.139915	0.740945	-1.34963
hcs007b06	1477 CSTF1	0.02856	1.48196	1.48196
hcs007b07	57326 PBXIP1	0.500391	0.848855	-1.17806
hcs007b10	10594 PRPF8	0.728135	1.08016	1.08016
hcs007b11		0.065744	0.89987	-1.11127
hcs007b12	440952 FLJ33065	0.228188	0.780383	-1.28142
hcs007c02	203068 TUBB	0.942638	0.968086	-1.03297
hcs007c03	10922 FASTK	0.003921	0.615572	-1.62451
hcs007c04	25831 HECTD1	0.392906	2.00669	2.00669
hcs007c05	8916 HERC3	0.568428	0.764062	-1.30879
hcs007c06	57117 INTS12	0.447536	1.67609	1.67609
hcs007c07		0.674291	0.925408	-1.0806
hcs007c08	26353 HSPB8	0.532095	1.52366	1.52366
hcs007c10	5034 P4HB	0.69711	1.07185	1.07185
hcs007c11	6764 ST5	0.21133	0.781169	-1.28013
hcs007d07	4524 MTHFR	0.490787	0.786724	-1.27109
hcs007d10	11018 TMED1	0.020367	1.35863	1.35863
hcs007d12	10211 FLOT1	0.063724	1.28638	1.28638
hcs007e01	201501 ZBTB7C	0.504007	1.1522	1.1522
hcs007e03	79754 ASB13	0.588262	0.812111	-1.23136
hcs007e08	5918 RARRES1	0.352155	1.38967	1.38967
hcs007e10	10455 Peci	0.303089	0.698526	-1.43159
hcs007e11	55663 ZNF446	0.517344	1.48708	1.48708
hcs007f04	7515 XRCC1	0.536233	1.29354	1.29354
hcs007f07	11234 HPS5	0.47531	1.09884	1.09884
hcs007f11	26608 TBL2	0.929179	0.992594	-1.00746
hcs007f12	23396 PIP5K1C	0.886156	0.950657	-1.0519
hcs007g02		0.59807	2.35513	2.35513
hcs007g04		0.405875	1.55024	1.55024
hcs007g06	3454 IFNAR1	0.012038	0.618898	-1.61578
hcs007g07	85456 TNKS1BP1	0.554665	1.6319	1.6319
hcs007g12	26133 TRPC4AP	0.459359	1.40175	1.40175
hcs007h01	4191 MDH2	0.887756	1.03301	1.03301
hcs007h02	6144 RPL21	0.007521	0.69037	-1.4485
hcs007h04	1117 CHI3L2	0.883903	0.952496	-1.04987
hcs007h06	10197 PSME3	0.995636	1.00184	1.00184
hcs007h07		0.022294	0.718007	-1.39274
hcs007h11	9749 PHACTR2	0.935557	1.02623	1.02623
hcs008a01	5176 SERPINF1	0.994242	0.997258	-1.00275
hcs008a03	1638 DCT	0.268095	3.67289	3.67289
hcs008a04	10274 STAG1	0.894474	0.9489	-1.05385
hcs008a06	4642 MYO1D	0.392668	2.02672	2.02672
hcs008a07	283 ANG	0.845172	1.01754	1.01754
hcs008a08	1487 CTBP1	0.5413	1.2498	1.2498

hcs008a10		0.501775	0.882901	-1.13263
hcs008a11	7203 CCT3	0.772169	1.43529	1.43529
hcs008b02	3276 PRMT1	0.539052	1.16379	1.16379
hcs008b03	51035 UBXN1	0.069936	0.645384	-1.54947
hcs008b04	11153 FICD	0.204406	0.789649	-1.26639
hcs008b05	23254 KAZN	0.363126	1.2726	1.2726
hcs008b08	27018 NGFRAP1	0.177924	0.695378	-1.43807
hcs008b09	23164 MPRIP	0.382363	0.829893	-1.20497
hcs008b10	7094 TLN1	0.008176	0.774675	-1.29086
hcs008b11	64426 SUDS3	0.359304	1.15866	1.15866
hcs008b12	92595 ZNF764	0.919461	1.01448	1.01448
hcs008c03	10273 STUB1	0.033191	0.687088	-1.45542
hcs008c05	7376 NR1H2	0.448887	1.31723	1.31723
hcs008c06	25839 COG4	0.839667	0.919986	-1.08697
hcs008c07	92579 G6PC3	0.379044	2.7066	2.7066
hcs008c08	8667 EIF3H	0.416014	1.89632	1.89632
hcs008c09	10983 CCNI	0.954866	0.984469	-1.01578
hcs008c10	54921 CHTF8	0.462794	0.934519	-1.07007
hcs008c11	55558 PLXNA3	0.020022	0.816331	-1.22499
hcs008c12	57142 RTN4	0.619915	1.15757	1.15757
hcs008d01	56904 SH3GLB2	0.122753	0.717568	-1.3936
hcs008d02	65251 ZNF649	0.20689	0.67362	-1.48452
hcs008d05	115572 FAM46B	0.063289	1.6705	1.6705
hcs008e01	3105 HLA-A	0.06183	1.49082	1.49082
hcs008e02	51520 LARS	0.025259	1.71259	1.71259
hcs008e03	533 ATP6V0B	0.367788	1.26311	1.26311
hcs008e04	83643 CCDC3	0.38885	1.30688	1.30688
hcs008e05	7178 TPT1	0.521539	1.25887	1.25887
hcs008e07	3105 HLA-A	0.093119	0.692658	-1.44371
hcs008e08	3303 HSPA1A	0.047599	0.693127	-1.44274
hcs008e10	9349 RPL23	0.056493	0.788196	-1.26872
hcs008e12	7538 ZFP36	0.220932	1.37613	1.37613
hcs008f03	51226 COPZ2	0.14869	0.668631	-1.49559
hcs008f07	2059 EPS8	0.613407	0.846446	-1.18141
hcs008f11	4904 YBX1	0.912017	1.03676	1.03676
hcs008f12	10956 OS9	0.611908	1.17314	1.17314
hcs008g01	4055 LTBR	0.561245	1.30575	1.30575
hcs008g02	54914 KIAA1797	0.476211	1.07859	1.07859
hcs008g03	1299 COL9A3	0.453222	1.15648	1.15648
hcs008g05	4946 OAZ1	0.381204	3.51944	3.51944
hcs008g07	64418 TMEM168	0.165839	1.32098	1.32098
hcs008g09		0.407146	1.14701	1.14701
hcs008h05	1153 CIRBP	0.339442	1.98027	1.98027
hcs008h06	1479 CSTF3	0.01801	0.615109	-1.62573
hcs008h07	23360 FNBP4	0.051883	1.43864	1.43864
hcs008h12	1499 CTNNB1	0.006351	0.762189	-1.31201
hcs009a01	65094 JMJD4	0.480587	0.909713	-1.09925

hcs009a03	81876 RAB1B	0.978313	0.993626	-1.00641
hcs009a04	4637 MYL6	0.731493	0.912403	-1.09601
hcs009a05	27163 NAAA	0.340501	2.03705	2.03705
hcs009a07	2896 GRN	0.603657	1.38625	1.38625
hcs009a08	1974 EIF4A2	0.328069	1.11066	1.11066
hcs009a09	3992 FADS1	0.696832	1.14062	1.14062
hcs009a12	51390 AIG1	0.817895	0.933707	-1.071
hcs009b01	8398 PLA2G6	0.127445	0.93209	-1.07286
hcs009b08	7763 ZFAND5	0.034255	1.36408	1.36408
hcs009b09	2289 FKBP5	0.874288	1.08855	1.08855
hcs009b10	1650 DDOST	0.612122	1.49023	1.49023
hcs009b11	55616 ASAP3	0.36375	0.829033	-1.20622
hcs009c03	10160 FARP1	0.580958	0.943677	-1.05968
hcs009c05	3300 DNAJB2	0.645608	0.917593	-1.08981
hcs009c09	30008 EFEMP2	0.428976	1.17432	1.17432
hcs009c11	2926 GRSF1	0.004701	0.757239	-1.32059
hcs009c12	4245 MGAT1	0.003437	0.576336	-1.7351
hcs009d01	115290 FBXO17	0.978737	0.993309	-1.00674
hcs009d04	9784 SNX17	0.316435	0.949146	-1.05358
hcs009d05	3134 HLA-F	0.894074	1.07874	1.07874
hcs009d06	1152 CKB	0.3667	1.44557	1.44557
hcs009d07	871 SERPINH1	0.988129	1.00402	1.00402
hcs009d11	10092 ARPC5	0.712782	0.905901	-1.10387
hcs009d12	152742 LOC152742	0.907159	0.9785	-1.02197
hcs009e05	9927 MFN2	0.768391	0.969878	-1.03106
hcs009e06	57147 SCYL3	0.870708	1.06378	1.06378
hcs009e10	56654 NPDC1	0.002108	0.7529	-1.3282
hcs009e12	79004 CUEDC2	0.912065	0.989697	-1.01041
hcs009f01	3123 HLA-DRB1	0.763846	1.12743	1.12743
hcs009f03		0.327115	1.26416	1.26416
hcs009f05	51024 FIS1	0.645323	1.98854	1.98854
hcs009f06	51150 SDF4	0.514891	0.905537	-1.10432
hcs009f09		0.862304	0.952089	-1.05032
hcs009f11	57787 MARK4	0.527392	1.73057	1.73057
hcs009g03	2 A2M	0.493592	1.45965	1.45965
hcs009g06	23070 FTSJD2	0.084015	0.7533	-1.32749
hcs009g08	6146 RPL22	0.625121	1.03135	1.03135
hcs009g09	157506 RDH10	0.441162	1.09299	1.09299
hcs009h02	6793 STK10	0.435165	1.47993	1.47993
hcs009h04	5046 PCSK6	0.957918	0.979	-1.02145
hcs009h05	6696 SPP1	0.729188	1.1954	1.1954
hcs009h07	7314 UBB	0.679786	1.17099	1.17099
hcs009h10	3312 HSPA8	0.303307	0.855313	-1.16916
hcs009h11	1353 COX11	0.000405	0.655934	-1.52454
hcs009h12	10184 LHFPL2	0.171968	0.740878	-1.34975
hcs010a02		0.705354	0.937244	-1.06696
hcs010b05	7025 NR2F1	0.030834	0.746445	-1.33968

hcs010b06	23127 GLT25D2	0.9159	0.962022	-1.03948
hcs010b08	4926 NUMA1	0.342466	1.15438	1.15438
hcs010b09	2091 FBL	0.774371	1.09198	1.09198
hcs010b10	79966 SCD5	0.64923	1.09196	1.09196
hcs010b12		0.530656	1.48009	1.48009
hcs010c01	4000 LMNA	0.903547	1.05163	1.05163
hcs010c06	112724 RDH13	0.496014	1.27639	1.27639
hcs010c11	5810 RAD1	0.059396	0.814623	-1.22756
hcs010d01	55696 RBM22	0.431811	1.91363	1.91363
hcs010d02	3113 HLA-DPA1	0.751994	1.03845	1.03845
hcs010d04	6526 SLC5A3	0.599427	1.44221	1.44221
hcs010d06	11156 PTP4A3	0.94943	0.991785	-1.00828
hcs010d09	535 ATP6V0A1	0.84989	1.0812	1.0812
hcs010d10	83637 ZMIZ2	0.708575	1.06674	1.06674
hcs010d11	9215 LARGE	0.899037	1.0798	1.0798
hcs010e02	79033 ERI3	0.790736	0.90686	-1.10271
hcs010e03	93621 MRFAP1	0.815635	1.07089	1.07089
hcs010e09	10574 CCT7	0.511975	1.14126	1.14126
hcs010e10	2907 GRINA	0.855	0.986359	-1.01383
hcs010e11	58189 WFDC1	0.223915	1.29962	1.29962
hcs010f01	445 ASS1	0.562767	0.805928	-1.24081
hcs010f02	3939 LDHA	0.183412	1.80779	1.80779
hcs010f03	1939 LGTN	0.019496	0.674982	-1.48152
hcs010f04	3146 HMGB1	0.833052	1.09514	1.09514
hcs010f05	501 ALDH7A1	0.936325	0.978085	-1.02241
hcs010f06	10025 MED16	0.074795	0.676448	-1.47831
hcs010f07	10430 TMEM147	0.888672	1.03894	1.03894
hcs010f09	10233 LRRC23	0.264809	0.714771	-1.39905
hcs010g01	22925 PLA2R1	0.481235	0.848968	-1.1779
hcs010g04	7389 UROD	0.905997	0.976327	-1.02425
hcs010g05	2315 MLANA	0.05112	0.740794	-1.3499
hcs010h06	57599 WDR48	0.694065	0.928956	-1.07648
hcs010h07		0.705298	1.09623	1.09623
hcs010h08		0.309032	3.81593	3.81593
hcs011a01	3726 JUNB	0.00374	1.56377	1.56377
hcs011a02	975 CD81	0.402875	1.47073	1.47073
hcs011a03	5064 PALM	0.276895	4.46303	4.46303
hcs011a05	5693 PSMB5	0.42919	1.86425	1.86425
hcs011a06	57414 RHBDD2	0.629693	2.13384	2.13384
hcs011a12	3164 NR4A1	0.914008	0.949361	-1.05334
hcs011b01	51435 SCARA3	0.821861	0.92498	-1.0811
hcs011b02	6147 RPL23A	0.803096	0.955607	-1.04646
hcs011b03	6137 RPL13	0.661698	0.944654	-1.05859
hcs011b04	79411 GLB1L	0.16171	0.79909	-1.25142
hcs011b05	515 ATP5F1	0.154673	0.752419	-1.32905
hcs011b06	2676 GFRA3	0.4952	0.917669	-1.08972
hcs011b10	2137 EXTL3	0.624248	0.902435	-1.10811

hcs011b11	28996 HIPK2	0.366458	0.721805	-1.38542
hcs011c01		0.595425	1.86364	1.86364
hcs011c02	152185 SPICE1	0.533165	1.47969	1.47969
hcs011c04	84975 MFSD5	0.608632	2.33959	2.33959
hcs011c05	887 CCKBR	0.362872	2.65597	2.65597
hcs011c06	57608 KIAA1462	0.695686	0.956689	-1.04527
hcs011c11	57048 PLSCR3	0.006267	0.760777	-1.31445
hcs011d03	63932 CXorf56	0.891207	1.0776	1.0776
hcs011d04	1347 COX7A2	0.824139	0.906529	-1.10311
hcs011d07	23371 TENC1	0.989983	0.995348	-1.00467
hcs011d09	11328 FKBP9	0.993402	0.995434	-1.00459
hcs011d10	7169 TPM2	0.323204	1.1536	1.1536
hcs011e01	3726 JUNB	0.509275	1.26064	1.26064
hcs011e02		0.226075	0.662701	-1.50898
hcs011e03	79065 ATG9A	0.363085	1.42188	1.42188
hcs011e04	57687 VAT1L	0.145199	1.21815	1.21815
hcs011e05	9926 LPGAT1	0.56582	1.21894	1.21894
hcs011e07	4267 CD99	0.395175	1.65012	1.65012
hcs011e09	7756 ZNF207	0.341736	0.740645	-1.35017
hcs011e10	85449 KIAA1755	0.353857	1.29179	1.29179
hcs011e11	54929 TMEM161/	0.177108	1.18146	1.18146
hcs011f02	57609 DIP2B	0.037904	1.19438	1.19438
hcs011f03	4256 MGP	0.675956	1.05647	1.05647
hcs011f04	65998 C11orf95	0.867984	1.05518	1.05518
hcs011f05		0.310116	1.68895	1.68895
hcs011f06	54784 ALKBH4	0.911545	1.01632	1.01632
hcs011f07	128 ADH5	0.613624	1.38733	1.38733
hcs011f08	4898 NRD1	0.80536	1.2751	1.2751
hcs011f09	5549 PRELP	0.047506	1.11084	1.11084
hcs011g02	826 CAPNS1	0.365462	1.29269	1.29269
hcs011g04	8675 STX16	0.964126	0.994991	-1.00503
hcs011g05	599 BCL2L2	0.670653	1.24857	1.24857
hcs011g06	5621 PRNP	0.000342	0.724553	-1.38016
hcs011g07	83549 UCK1	0.93871	1.01153	1.01153
hcs011g08	55585 UBE2Q1	0.611858	0.937795	-1.06633
hcs011g09	2101 ESRRA	0.001654	0.524843	-1.90533
hcs011g10	5192 PEX10	0.052797	1.52108	1.52108
hcs011g11	64326 RFWD2	0.168319	1.23861	1.23861
hcs011h01	92703 TMEM183/	0.312396	2.56277	2.56277
hcs011h02	3294 HSD17B2	0.325853	2.30487	2.30487
hcs011h03	84168 ANTXR1	0.349621	1.72654	1.72654
hcs011h04	11258 DCTN3	0.218357	1.84473	1.84473
hcs011h05	1936 EEF1D	0.638431	1.02377	1.02377
hcs011h07	80036 TRPM3	0.281423	3.80819	3.80819
hcs011h08	1019 CDK4	0.993577	1.00227	1.00227
hcs011h09	3251 HPRT1	0.473848	0.863073	-1.15865
hcs011h10	7453 WARS	0.229403	0.862909	-1.15887

hcs011h12	5962 RDX	0.602018	1.18427	1.18427
hcs012a03	10146 G3BP1	0.150356	0.72688	-1.37574
hcs012a04	381 ARF5	0.061838	0.712606	-1.4033
hcs012a05	1808 DPYSL2	0.373436	1.83611	1.83611
hcs012a07		0.472888	1.6945	1.6945
hcs012a09	5576 PRKAR2A	0.784483	0.923862	-1.08241
hcs012a10	80764 THAP7	0.930235	0.978445	-1.02203
hcs012b03	1508 CTSB	0.93092	0.969804	-1.03114
hcs012b04	3097 HIVEP2	0.355293	1.4844	1.4844
hcs012b05	720 C4A	0.319352	3.50684	3.50684
hcs012b06	93185 IGSF8	0.959168	0.977774	-1.02273
hcs012b07	51110 LACTB2	0.280596	1.31721	1.31721
hcs012b08	3769 KCNJ13	0.316104	1.99923	1.99923
hcs012b09	3671 ISLR	0.596887	2.4137	2.4137
hcs012c01	7046 TGFBR1	0.008829	1.21943	1.21943
hcs012c02		0.267464	4.15109	4.15109
hcs012c03	5204 PFDN5	0.623336	2.1814	2.1814
hcs012c05	11344 TWF2	0.514619	1.43732	1.43732
hcs012c06	55684 C9orf86	0.427449	0.875672	-1.14198
hcs012c07	79016 DDA1	0.348619	2.69487	2.69487
hcs012c08	2029 ENSA	0.324271	3.0002	3.0002
hcs012c10	51329 ARL6IP4	0.240277	0.854832	-1.16982
hcs012c12	9737 GPRASP1	0.603357	1.172	1.172
hcs012d01	51070 NOSIP	0.568051	0.887961	-1.12618
hcs012d02	3069 HDLBP	0.645275	1.04266	1.04266
hcs012d06	4363 ABCC1	0.051623	0.493357	-2.02693
hcs012d10	6622 SNCA	0.43152	1.2096	1.2096
hcs012d11	1736 DKC1	0.707295	0.946418	-1.05662
hcs012e01	6157 RPL27A	0.774373	0.946488	-1.05654
hcs012e04	7001 PRDX2	0.411206	2.25354	2.25354
hcs012e05	8395 PIP5K1B	0.661417	1.05915	1.05915
hcs012e06	51201 ZDHHC2	0.191814	0.846408	-1.18146
hcs012e08	56940 DUSP22	0.093329	1.19893	1.19893
hcs012e09	51522 TMEM14C	0.265245	1.21526	1.21526
hcs012e11	2909 GRLF1	0.687568	1.06594	1.06594
hcs012f02	140901 STK35	0.507701	0.813143	-1.2298
hcs012f03	823 CAPN1	0.968458	0.982012	-1.01832
hcs012f04	10919 EHMT2	0.970399	1.00534	1.00534
hcs012f05	23385 NCSTN	0.225235	1.24415	1.24415
hcs012f06	9266 CYTH2	0.34829	1.34348	1.34348
hcs012f10	493 ATP2B4	0.870374	0.961873	-1.03964
hcs012f11	10121 ACTR1A	0.4086	1.27007	1.27007
hcs012f12	5935 RBM3	0.080179	1.40649	1.40649
hcs012g01	79719 AAGAB	0.515777	1.43132	1.43132
hcs012g04	682 BSG	0.658188	1.58345	1.58345
hcs012g05	2487 FRZB	0.366597	3.40309	3.40309
hcs012g06	200186 CRTC2	0.430337	1.61287	1.61287

hcs012g07	4735	2-Sep	0.025941	0.612016	-1.63394
hcs012g08	66005	CHID1	0.915864	0.97553	-1.02508
hcs012g10	6487	ST3GAL3	0.93699	1.0628	1.0628
hcs012g11	10437	IFI30	0.635151	0.918302	-1.08897
hcs012h02	4776	NFATC4	0.765859	1.01571	1.01571
hcs012h03	25939	SAMHD1	0.197386	0.855753	-1.16856
hcs012h04	55608	ANKRD10	0.631727	1.07547	1.07547
hcs012h06	1911	PHC1	0.902173	1.06116	1.06116
hcs012h07	4811	NID1	0.060791	1.96389	1.96389
hcs012h08			0.073361	0.819589	-1.22012
hcs012h09	10519	CIB1	0.961005	0.977245	-1.02328
hcs012h12	3910	LAMA4	0.032881	1.22315	1.22315
hcs013a01			0.080209	1.36561	1.36561
hcs013a02	79734	KCTD17	0.174303	1.18069	1.18069
hcs013a05	7982	ST7	0.522937	1.22324	1.22324
hcs013a07	145781	GCOM1	0.409104	1.74795	1.74795
hcs013a08	10671	DCTN6	0.532715	1.44298	1.44298
hcs013b03			0.4621	0.918317	-1.08895
hcs013b04	5239	PGM5	0.13036	1.39631	1.39631
hcs013b06	26012	NELF	0.915527	1.01717	1.01717
hcs013b07	3843	IPO5	0.807131	0.917449	-1.08998
hcs013b08	81533	ITFG1	0.841043	0.97646	-1.02411
hcs013b10	10487	CAP1	0.268462	1.16445	1.16445
hcs013c03	5530	PPP3CA	0.978242	0.991841	-1.00823
hcs013c05			0.879553	1.03969	1.03969
hcs013c06	1277	COL1A1	0.343748	1.35938	1.35938
hcs013c07	26284	ERAL1	0.293913	1.19969	1.19969
hcs013c09	27309	ZNF330	0.679549	0.823436	-1.21442
hcs013c10	90843	TCEAL8	0.444755	1.38705	1.38705
hcs013d01	8812	CCNK	0.418731	1.17811	1.17811
hcs013d02	3691	ITGB4	0.796003	1.09778	1.09778
hcs013d04	9741	LAPTM4A	0.132379	0.654421	-1.52807
hcs013d06	9249	DHRS3	0.360523	1.29053	1.29053
hcs013d07	53339	BTBD1	0.282009	1.44477	1.44477
hcs013d10	51706	CYB5R1	0.568384	0.929138	-1.07627
hcs013d11	128272	ARHGEF19	0.070666	1.1115	1.1115
hcs013d12	284565	NBPF15	0.338674	1.17149	1.17149
hcs013e02	593	BCKDHA	0.523986	1.23192	1.23192
hcs013e03	51434	ANAPC7	0.168787	1.53231	1.53231
hcs013e04	203286	ANKS6	0.816479	0.928416	-1.0771
hcs013e05	6880	TAF9	0.174226	1.22204	1.22204
hcs013e07	1116	CHI3L1	0.351909	1.40886	1.40886
hcs013e08	9894	TELO2	0.404303	1.45268	1.45268
hcs013e09	4097	MAFG	0.906052	1.04571	1.04571
hcs013e10	1495	CTNNA1	0.11969	0.849603	-1.17702
hcs013e12			0.851108	1.04936	1.04936
hcs013f04	24138	IFIT5	0.186959	2.04379	2.04379

hcs013f05	10105 PPIF	0.631876	0.911369	-1.09725
hcs013f06	79971 WLS	0.238844	0.850609	-1.17563
hcs013f07	31 ACACA	0.552967	0.883955	-1.13128
hcs013f09		0.029525	1.28735	1.28735
hcs013f11	10929 SRSF8	0.709182	1.413	1.413
hcs013f12	55825 PECR	0.459259	1.10587	1.10587
hcs013g01	2030 SLC29A1	0.750293	1.09376	1.09376
hcs013g08	2065 ERBB3	0.78774	0.947141	-1.05581
hcs013g11	8991 SELENBP1	0.046498	0.700593	-1.42736
hcs013h01	10418 SPON1	0.358718	1.14244	1.14244
hcs013h02	3959 LGALS3BP	0.105882	1.5405	1.5405
hcs013h04	4673 NAP1L1	0.087909	0.6667	-1.49993
hcs013h05	7150 TOP1	0.225677	0.801754	-1.24727
hcs013h07	440574 C1orf151	0.328101	0.923544	-1.08279
hcs013h08	26509 MYOF	0.546114	1.35517	1.35517
hcs013h12		0.005073	0.781346	-1.27984
hcs014a10	131474 CHCHD4	0.476954	1.47069	1.47069
hcs014b01		0.038279	0.51807	-1.93024
hcs014b05	3297 HSF1	0.120162	0.859125	-1.16397
hcs014b06	1427 CRYGS	0.44165	0.827959	-1.20779
hcs014b10	8725 C19orf2	0.392003	2.36106	2.36106
hcs014b11	51341 ZBTB7A	0.011344	1.78584	1.78584
hcs014b12	1490 CTGF	0.368506	1.23275	1.23275
hcs014c05	8660 IRS2	0.527991	0.808372	-1.23705
hcs014c08	55819 RNF130	0.722039	0.939417	-1.06449
hcs014c09	51557 LGSN	0.640742	0.887057	-1.12732
hcs014d02	55845 C3orf10	0.221535	1.40255	1.40255
hcs014d03	2512 FTL	0.854137	0.891205	-1.12208
hcs014d09	11011 TLK2	0.480237	1.35168	1.35168
hcs014d10	54981 C9orf95	0.034571	1.63488	1.63488
hcs014d11	1414 CRYBB1	0.080164	1.54943	1.54943
hcs014e08	1327 COX4I1	0.877158	0.914572	-1.09341
hcs014e10	1413 CRYBA4	0.345797	0.758572	-1.31827
hcs014e11	11224 RPL35	0.084276	1.28546	1.28546
hcs014f02	128308 MRPL55	0.816592	0.905861	-1.10392
hcs014f03	10169 SERF2	0.901769	0.954435	-1.04774
hcs014f04	908 CCT6A	0.347416	1.21913	1.21913
hcs014g03	25796 PGLS	0.223507	0.683986	-1.46202
hcs014g06		0.57786	1.30049	1.30049
hcs014h12	4155 MBP	0.000136	0.74898	-1.33515
hcs015a03	9997 SCO2	0.634812	1.36202	1.36202
hcs015a04	3105 HLA-A	0.430509	1.18543	1.18543
hcs015a05	4629 MYH11	0.436469	1.83358	1.83358
hcs015a06	203068 TUBB	0.062937	0.79783	-1.2534
hcs015a12	6158 RPL28	0.024705	1.21585	1.21585
hcs015b08	831 CAST	0.210774	0.690902	-1.44738
hcs015b11	389834 LOC389834	0.508825	0.736153	-1.35841

hcs015c02	4134	MAP4	0.579882	0.818777	-1.22133
hcs015c03	118	ADD1	0.487031	1.7317	1.7317
hcs015c04	2803	GOLGA4	0.400961	2.31894	2.31894
hcs015c06	873	CBR1	0.903478	0.956685	-1.04528
hcs015c07	389541	C7orf59	0.45605	1.7028	1.7028
hcs015c08	3337	DNAJB1	0.891445	1.05783	1.05783
hcs015c09	6576	SLC25A1	0.501151	1.38051	1.38051
hcs015c11	6230	RPS25	0.19003	1.19057	1.19057
hcs015c12	27436	EML4	0.69986	1.18541	1.18541
hcs015d01	10943	MSL3	0.690011	0.848633	-1.17837
hcs015d08	3281	HSBP1	0.120493	0.896669	-1.11524
hcs015d09	5436	POLR2G	0.893641	0.948943	-1.0538
hcs015d12	516	ATP5G1	0.135472	0.745477	-1.34142
hcs015e02	3646	EIF3E	0.03948	0.70766	-1.41311
hcs015e03	23589	CARHSP1	0.895547	0.978381	-1.0221
hcs015e07	51441	YTHDF2	0.719841	1.18582	1.18582
hcs015e08	5538	PPT1	0.463604	0.867355	-1.15293
hcs015e10			0.047029	0.92428	-1.08192
hcs015f04	1002	CDH4	0.853403	0.947542	-1.05536
hcs015f06	54940	OCIAD1	0.399051	0.877212	-1.13998
hcs015f09	27258	LSM3	0.011823	0.687827	-1.45385
hcs015f11	6160	RPL31	0.147323	1.34535	1.34535
hcs015f12	143384	C10orf46	0.287494	0.69635	-1.43606
hcs015g01	6222	RPS18	0.031469	1.42019	1.42019
hcs015g05	57189	KIAA1147	0.943176	0.962012	-1.03949
hcs015g06	1488	CTBP2	0.794949	1.13661	1.13661
hcs015g11	6134	RPL10	0.344012	0.799762	-1.25037
hcs015h02	55614	KIF16B	0.800207	0.92316	-1.08324
hcs015h06	5706	PSMC6	0.212817	0.750495	-1.33245
hcs015h07	79444	BIRC7	0.738788	1.4892	1.4892
hcs015h09	10076	PTPRU	0.622673	1.06307	1.06307
hcs015h12	55109	AGGF1	0.721582	1.12821	1.12821
hcs016a09	23406	COTL1	0.326347	2.64259	2.64259
hcs016a11	310	ANXA7	0.023764	1.53947	1.53947
hcs016b01	55573	CDV3	0.42745	0.886992	-1.12741
hcs016b03	8425	LTBP4	0.151308	1.51137	1.51137
hcs016b12	7388	UQCRH	0.83783	1.01419	1.01419
hcs016c04	7165	TPD52L2	0.583896	1.25006	1.25006
hcs016c05	5878	RAB5C	0.400609	1.82468	1.82468
hcs016c06	23193	GANAB	0.964992	0.985354	-1.01486
hcs016c07	4016	LOXL1	0.254184	0.733163	-1.36395
hcs016d03	8943	AP3D1	0.047361	0.817487	-1.22326
hcs016d06	773	CACNA1A	0.151786	2.74404	2.74404
hcs016d10	5337	PLD1	0.03197	1.63872	1.63872
hcs016d12	84988	PPP1R16A	0.09395	0.905967	-1.10379
hcs016e01	22919	MAPRE1	0.358791	0.82026	-1.21913
hcs016e04			0.505239	1.08269	1.08269

hcs016e06	1.01E+08	LOC100507	0.90986	1.06273	1.06273
hcs016e07			0.292803	1.27126	1.27126
hcs016e10	6421	SFPQ	0.420228	0.861933	-1.16018
hcs016e11	10311	DSCR3	0.93417	1.00671	1.00671
hcs016f03	9166	EBAG9	0.070273	1.92323	1.92323
hcs016f07	9550	ATP6V1G1	0.609799	0.937778	-1.06635
hcs016f08	2949	GSTM5	0.377075	0.868421	-1.15152
hcs016f09	2033	EP300	0.747346	0.94874	-1.05403
hcs016f12	254863	C17orf61	0.119293	1.0637	1.0637
hcs016g06	79901	CYBRD1	0.105773	0.700991	-1.42655
hcs017a02	800	CALD1	0.853467	1.14839	1.14839
hcs017a06	9491	PSMF1	0.995027	1.00293	1.00293
hcs017a08	103910	MYL12B	0.135541	0.663922	-1.5062
hcs017a09	283131	NEAT1	0.611022	1.22216	1.22216
hcs017b03	10159	ATP6AP2	0.358595	0.66637	-1.50067
hcs017b06	79022	TMEM106C	0.549534	1.12321	1.12321
hcs017b08	84687	PPP1R9B	0.338353	2.2973	2.2973
hcs017c07	200185	KRTCAP2	0.439232	1.1293	1.1293
hcs017c08	83443	SF3B5	0.768443	1.09804	1.09804
hcs017c10	1994	ELAVL1	0.316484	0.776501	-1.28783
hcs017c12	54386	TERF2IP	0.323221	1.89346	1.89346
hcs017d02	1778	DYNC1H1	0.033592	0.656007	-1.52437
hcs017d03	7965	AIMP2	0.219012	0.67371	-1.48432
hcs017d12	5869	RAB5B	0.037509	1.79282	1.79282
hcs017e02	6168	RPL37A	0.612413	1.22235	1.22235
hcs017e04	6506	SLC1A2	0.494553	0.864659	-1.15653
hcs017e06	10155	TRIM28	0.519078	0.781411	-1.27974
hcs017e09	9588	PRDX6	0.752508	0.964745	-1.03654
hcs017e10	23243	ANKRD28	0.00069	1.62734	1.62734
hcs017e11	25994	HIGD1A	0.040941	1.39893	1.39893
hcs017f07	80854	SETD7	0.743293	1.13164	1.13164
hcs017f08	54555	DDX49	0.820029	0.949316	-1.05339
hcs017f12	8907	AP1M1	0.447679	1.65883	1.65883
hcs017g02	6992	PPP1R11	0.021024	2.65749	2.65749
hcs017g05	10425	ARIH2	0.957827	1.01528	1.01528
hcs017g06	6217	RPS16	0.017534	2.02532	2.02532
hcs017g09	27436	EML4	0.194326	0.664504	-1.50488
hcs017h04	26993	AKAP8L	0.427866	1.66539	1.66539
hcs017h07	11080	DNAJB4	0.382484	3.66499	3.66499
hcs017h08	84992	PIGY	0.421664	2.10005	2.10005
hcs017h09	10569	SLU7	0.77469	1.18113	1.18113
hcs018a04	4728	NDUFS8	0.289639	0.830106	-1.20467
hcs018a07	127495	LRRC39	0.004793	1.64116	1.64116
hcs018a09	8334	HIST1H2AC	0.330263	0.806098	-1.24054
hcs018b03	23016	EXOSC7	0.936489	0.948023	-1.05483
hcs018b06	57085	AGTRAP	0.397503	2.00641	2.00641
hcs018b07	6637	SNRPG	0.979165	0.988415	-1.01172

hcs018b11	5226 PGD	0.787432	1.06414	1.06414
hcs018c03	27072 VPS41	0.249628	0.739314	-1.35261
hcs018c04	57805 KIAA1967	0.299005	0.744242	-1.34365
hcs018c05	8239 USP9X	0.182758	0.59685	-1.67546
hcs018c06	6652 SORD	0.094771	0.572586	-1.74646
hcs018c10	7411 VBP1	0.098882	0.74115	-1.34925
hcs018c11	58 ACTA1	0.008776	0.760939	-1.31417
hcs018c12	6613 SUMO2	0.243981	0.909492	-1.09951
hcs018d02	155066 ATP6V0E2	0.954807	0.982354	-1.01796
hcs018d07	27101 CACYBP	0.055344	0.513123	-1.94885
hcs018d08	4067 LYN	0.673637	1.03851	1.03851
hcs018e02	55281 TMEM140	0.685913	1.14358	1.14358
hcs018e07	140467 ZNF358	0.02254	1.46655	1.46655
hcs018e09	339803 LOC339803	0.843047	0.921112	-1.08564
hcs018e12	5684 PSMA3	0.023934	0.693552	-1.44185
hcs018f02	3688 ITGB1	0.620383	0.877343	-1.13981
hcs018f05	641638 SNHG6	0.768522	1.09114	1.09114
hcs018f08	547 KIF1A	0.549567	1.33158	1.33158
hcs018g02	203111 C8orf47	0.49998	1.37534	1.37534
hcs018g12	3312 HSPA8	0.000459	0.622324	-1.60688
hcs018h02	9922 IQSEC1	0.426607	2.73412	2.73412
hcs018h04	1938 EEF2	0.001009	1.47258	1.47258
hcs018h05	10521 DDX17	0.093545	1.30724	1.30724
hcs018h09	6181 RPLP2	0.045369	1.6131	1.6131
hcs019a02	6208 RPS14	0.429945	1.22819	1.22819
hcs019a03		0.874047	1.00935	1.00935
hcs019a04	9867 PJA2	0.595277	1.402	1.402
hcs019a05	79888 LPCAT1	0.86302	1.07231	1.07231
hcs019a10	29800 ZDHHC1	0.056616	1.535	1.535
hcs019a11	64951 MRPS24	0.700025	1.139	1.139
hcs019a12	5930 RBBP6	0.330346	1.07917	1.07917
hcs019b02	23184 MESDC2	0.096612	0.717125	-1.39446
hcs019b05	6201 RPS7	0.023195	1.82966	1.82966
hcs019b07	5426 POLE	0.682939	1.16508	1.16508
hcs019b08	50854 C6orf48	0.01409	2.97072	2.97072
hcs019b09	64324 NSD1	0.325939	1.21914	1.21914
hcs019c02	25862 USP49	0.974449	1.00322	1.00322
hcs019c03	11325 DDX42	0.83383	1.08671	1.08671
hcs019c11	84232 MAF1	0.919633	0.946152	-1.05691
hcs019d03	25953 PNKD	0.872608	0.939592	-1.06429
hcs019d05	6210 RPS15A	0.019088	1.47912	1.47912
hcs019d09	57465 TBC1D24	0.718661	0.870129	-1.14925
hcs019d11	10658 CELF1	0.826413	1.0432	1.0432
hcs019d12	2222 FDFT1	0.025976	0.794123	-1.25925
hcs019e02	55161 TMEM33	0.538723	0.808794	-1.23641
hcs019e03	6154 RPL26	0.277145	1.11122	1.11122
hcs019e04	92140 MTDH	0.44334	0.825859	-1.21086

hcs019e06	5814 PURB	0.235727	1.22818	1.22818
hcs019e09	28972 SPCS1	0.118477	0.670892	-1.49055
hcs019f04	2035 EPB41	0.128445	1.51547	1.51547
hcs019f08	114915 NCRNA002	0.0558	1.66797	1.66797
hcs019f09	23303 KIF13B	0.01326	1.8605	1.8605
hcs019f10	115209 OMA1	0.850718	1.07685	1.07685
hcs019f11	66000 TMEM108	0.276653	1.60304	1.60304
hcs019g05		0.626566	1.10044	1.10044
hcs019g07	6633 SNRPD2	0.933459	1.03383	1.03383
hcs019h08	1523 CUX1	0.551561	1.12131	1.12131
hcs020c01	55746 NUP133	0.051215	0.659527	-1.51624
hcs020e03	130589 GALM	0.417728	3.3377	3.3377
hcs020e11	1021 CDK6	0.767765	1.20403	1.20403
hcs020f09	9094 UNC119	0.715951	0.953438	-1.04884
hcs020g01	8904 CPNE1	0.176245	0.630618	-1.58575
hcs020g02	84313 VPS25	0.584457	0.823608	-1.21417
hcs020g03	9416 DDX23	0.817317	0.898941	-1.11242
hcs020g06	2334 AFF2	0.479938	1.50458	1.50458
hcs020g09	149175 MANEAL	0.380878	2.18361	2.18361
hcs020h04	3106 HLA-B	0.326119	1.26701	1.26701
hcs020h10	5832 ALDH18A1	0.046644	0.731167	-1.36768
hcs021a01	113691 MGC16703	0.250139	0.716461	-1.39575
hcs021a03	84105 PCBD2	0.628502	1.13948	1.13948
hcs021a06	10480 EIF3M	0.023762	0.659252	-1.51687
hcs021a08	7280 TUBB2A	0.521951	0.899956	-1.11117
hcs021a09	6506 SLC1A2	0.000921	0.694055	-1.44081
hcs021a11	8560 DEGS1	0.713489	1.17912	1.17912
hcs021a12	92840 REEP6	0.706815	0.952119	-1.05029
hcs021b03	8482 SEMA7A	0.649359	0.811977	-1.23156
hcs021b04	10620 ARID3B	0.925989	1.1066	1.1066
hcs021b05	10939 AFG3L2	0.797825	1.15953	1.15953
hcs021b06	4134 MAP4	0.510573	1.69239	1.69239
hcs021b09	10527 IPO7	0.014514	0.754887	-1.3247
hcs021b11	5007 OSBP	0.934394	1.04145	1.04145
hcs021b12	4722 NDUF53	0.792439	0.93348	-1.07126
hcs021c01	4968 OGG1	0.823387	0.898417	-1.11307
hcs021c06	27044 SND1	0.930789	0.968382	-1.03265
hcs021c11	6625 SNRNP70	0.94007	1.02494	1.02494
hcs021d07	1740 DLG2	0.388598	2.76697	2.76697
hcs021d08	79724 ZNF768	0.362676	2.80816	2.80816
hcs021e02	84148 MYST1	0.742254	0.915429	-1.09238
hcs021e04	7323 UBE2D3	0.227185	0.699053	-1.43051
hcs021e06	6844 VAMP2	0.635787	1.28392	1.28392
hcs021e07	27316 RBMX	0.079118	0.733615	-1.36311
hcs021e09	23181 DIP2A	0.227468	1.36101	1.36101
hcs021f02	54583 EGLN1	0.928035	0.966924	-1.03421
hcs021f03	64792 RABL5	0.308143	0.728482	-1.37272

hcs021f04	79717 PPCS	0.960986	0.976362	-1.02421
hcs021f06	8209 C21orf33	0.843607	0.902397	-1.10816
hcs021f07		0.332758	3.36196	3.36196
hcs021f09	2784 GNB3	0.414716	1.47192	1.47192
hcs021f11	8603 FAM193A	0.524486	1.60429	1.60429
hcs021g01	64172 OSGEPL1	0.960698	0.975894	-1.0247
hcs021g02	10099 TSPAN3	0.000671	0.751531	-1.33062
hcs021g05	10858 CYP46A1	0.718634	0.915429	-1.09238
hcs021g06		0.335895	0.718277	-1.39222
hcs021g07	5126 PCSK2	0.93803	0.957317	-1.04459
hcs021g08	478 ATP1A3	0.73003	1.05742	1.05742
hcs021g09	56894 AGPAT3	0.810787	1.10833	1.10833
hcs021g10	5961 PRPH2	0.611775	1.11341	1.11341
hcs021g11	117155 CATSPER2	0.041291	1.18646	1.18646
hcs021h02	1381 CRABP1	0.9199	1.03925	1.03925
hcs021h05	3183 HNRNPC	0.148689	1.23466	1.23466
hcs021h07	5662 PSD	0.382818	2.77669	2.77669
hcs021h09	51382 ATP6V1D	0.448792	0.711257	-1.40596
hcs021h11	8721 EDF1	0.322407	0.858737	-1.1645
hcs021h12	389257 LRRC14B	0.012856	0.80809	-1.23749
hcs022a01	3151 HMGN2	0.384061	0.916209	-1.09145
hcs022a02	9277 WDR46	0.385268	1.64011	1.64011
hcs022a07	3728 JUP	0.347988	2.0435	2.0435
hcs022a09	6709 SPTAN1	0.973623	1.00144	1.00144
hcs022a10	7275 TUB	0.359198	1.64879	1.64879
hcs022b01	55766 H2AFJ	0.492178	0.892797	-1.12008
hcs022b08	11070 TMEM115	0.416297	2.03599	2.03599
hcs022b10	107 ADCY1	0.437312	1.59811	1.59811
hcs022c02	23598 PATZ1	0.76517	0.879784	-1.13664
hcs022c03	23746 AIPL1	0.275507	0.866928	-1.1535
hcs022c04	64223 MLST8	0.802604	1.07169	1.07169
hcs022c05	6513 SLC2A1	0.39148	0.788613	-1.26805
hcs022c07	10933 MORF4L1	0.066189	0.799321	-1.25106
hcs022c08	55898 UNC45A	0.961864	0.98229	-1.01803
hcs022c10	2309 FOXO3	0.892821	1.02792	1.02792
hcs022c12	84681 HINT2	0.023533	0.77696	-1.28707
hcs022d01	148398 SAMD11	0.337131	1.04826	1.04826
hcs022d03	23017 FAIM2	0.424098	1.21476	1.21476
hcs022d07	805 CALM2	0.520689	1.25444	1.25444
hcs022d09		0.733467	1.12844	1.12844
hcs022d10	1431 CS	0.975596	0.991662	-1.00841
hcs022d11	23335 WDR7	0.633271	1.84099	1.84099
hcs022d12	5564 PRKAB1	0.467571	1.32244	1.32244
hcs022e03	51594 NBAS	0.469503	1.23639	1.23639
hcs022e05	10617 STAMBP	0.428458	0.749211	-1.33474
hcs022e10	3916 LAMP1	0.831475	1.03372	1.03372
hcs022e11	9479 MAPK8IP1	0.722779	1.16548	1.16548

hcs022e12	3106 HLA-B	0.067194	1.58491	1.58491
hcs022f03	3183 HNRNPC	0.262431	0.873845	-1.14437
hcs022f04	283638 KIAA0284	0.453457	1.57661	1.57661
hcs022f05	1351 COX8A	0.720596	1.09333	1.09333
hcs022f06	91582 RPS19BP1	0.92197	1.04776	1.04776
hcs022f07	9818 NUPL1	0.567872	1.46808	1.46808
hcs022f08	7155 TOP2B	0.759269	1.12255	1.12255
hcs022f09	63827 BCAN	0.395028	1.92762	1.92762
hcs022f10	1901 S1PR1	0.789022	1.06738	1.06738
hcs022f11	2034 EPAS1	0.61433	2.08302	2.08302
hcs022f12	54623 PAF1	0.383879	1.72347	1.72347
hcs022g02	4302 MLLT6	0.652932	1.30138	1.30138
hcs022g03	55705 IPO9	0.444695	1.28148	1.28148
hcs022g04		0.376986	1.35761	1.35761
hcs022g05	955 ENTPD6	0.295544	0.717759	-1.39323
hcs022g06	65095 KRI1	0.747075	1.0477	1.0477
hcs022g08	28989 METTL11A	0.826517	1.06558	1.06558
hcs022h01	29763 PACSIN3	0.541001	1.17996	1.17996
hcs022h02	128240 APOA1BP	0.500841	1.20369	1.20369
hcs022h03	4218 RAB8A	0.741874	1.09976	1.09976
hcs022h09	54972 TMEM132/	0.211642	0.787075	-1.27053
hcs022h10	51447 IP6K2	0.810248	1.1752	1.1752
hcs023a02	4905 NSF	0.742209	1.20763	1.20763
hcs023a07	23557 SNAPIN	0.417986	2.05699	2.05699
hcs023a09	79624 C6orf211	0.829607	1.12957	1.12957
hcs023b02	1628 DBP	0.083728	0.748076	-1.33676
hcs023b04	2805 GOT1	0.795943	1.07837	1.07837
hcs023b06	2589 GALNT1	0.35206	0.741521	-1.34858
hcs023b07	403341 ZBTB34	0.903596	0.976538	-1.02403
hcs023b08		0.255053	0.89127	-1.12199
hcs023b11	6418 SET	0.003703	0.679105	-1.47253
hcs023c01	10438 C1D	0.470944	0.724771	-1.37975
hcs023c02	23076 RRP1B	0.114003	0.712069	-1.40436
hcs023c07	5859 QARS	0.392996	1.14225	1.14225
hcs023c08	79064 TMEM223	0.355595	0.877787	-1.13923
hcs023c12	9702 CEP57	0.185971	1.34835	1.34835
hcs023d01	6748 SSR4	0.842001	0.974506	-1.02616
hcs023d04	25915 NDUFAF3	0.997303	0.999542	-1.00046
hcs023d05	90637 ZFAND2A	0.695578	1.03982	1.03982
hcs023d06	9061 PAPSS1	0.328082	2.16506	2.16506
hcs023d07	1778 DYNC1H1	0.752339	1.04096	1.04096
hcs023d11	10382 TUBB4	0.058765	0.800345	-1.24946
hcs023d12	10991 SLC38A3	0.001311	1.34559	1.34559
hcs023e04	989 7-Sep	0.614126	0.91656	-1.09104
hcs023e08	1476 CSTB	0.732159	1.02198	1.02198
hcs023e11	3021 H3F3B	0.080947	1.23443	1.23443
hcs023e12	51271 UBAP1	0.341412	1.2546	1.2546

hcs023f02	50512	PODXL2	0.434482	0.886174	-1.12845
hcs023f03	9643	MORF4L2	0.004084	0.842131	-1.18746
hcs023f05	64137	ABCG4	0.03702	1.53515	1.53515
hcs023f06	55603	FAM46A	0.250013	1.13001	1.13001
hcs023f08	65265	C8orf33	0.559118	1.15109	1.15109
hcs023f10	10766	TOB2	0.656954	1.10212	1.10212
hcs023f12	23157	6-Sep	0.090188	0.895864	-1.11624
hcs023g05	4708	NDUFB2	0.193897	0.841515	-1.18833
hcs023g06	1725	DHPS	0.885209	1.00877	1.00877
hcs023g07	22978	NT5C2	0.870429	0.965522	-1.03571
hcs023g11	10542	HBXIP	0.979054	0.995516	-1.0045
hcs023h01			0.486235	1.12928	1.12928
hcs023h04	51246	SHISA5	0.257168	0.924489	-1.08168
hcs023h05	84173	ELMOD3	0.859572	1.06609	1.06609
hcs023h06	5689	PSMB1	0.910855	0.98313	-1.01716
hcs023h07	64981	MRPL34	0.442828	0.914064	-1.09402
hcs023h10	894	CCND2	0.662455	0.869437	-1.15017
hcs023h11			0.032696	0.778092	-1.2852
hcs023h12	9581	PREPL	0.00019	1.51311	1.51311
hcs024a01	7919	BAT1	0.661924	1.53787	1.53787
hcs024a02			0.733013	1.1624	1.1624
hcs024a03	2901	GRIK5	0.269688	0.685058	-1.45973
hcs024a04	10681	GNB5	0.416404	1.34059	1.34059
hcs024a05	8237	USP11	0.960596	0.983458	-1.01682
hcs024a06	64837	KLC2	0.25115	0.672919	-1.48606
hcs024a08	6839	SUV39H1	0.666615	1.18392	1.18392
hcs024a10	9361	LONP1	0.799813	1.19399	1.19399
hcs024a11	8301	PICALM	0.829753	1.08909	1.08909
hcs024b01	5515	PPP2CA	0.310517	0.745204	-1.34191
hcs024b02	57035	C1orf63	0.349324	0.685576	-1.45863
hcs024b03			0.000596	0.44157	-2.26465
hcs024b04	57231	SNX14	0.149057	0.833001	-1.20048
hcs024b06	761	CA3	0.154318	1.29218	1.29218
hcs024b10	79575	ABHD8	0.053564	1.45806	1.45806
hcs024b12	10521	DDX17	0.157219	0.822939	-1.21516
hcs024c01	5885	RAD21	0.350866	0.810233	-1.23421
hcs024c04	27173	SLC39A1	0.957394	0.981664	-1.01868
hcs024c05	3192	HNRNPU	0.123582	0.824462	-1.21291
hcs024c07	5101	PCDH9	0.311169	2.91194	2.91194
hcs024c09	26090	ABHD12	0.110963	0.821614	-1.21712
hcs024c10	3419	IDH3A	0.158946	0.690875	-1.44744
hcs024c11	150759	LOC150759	0.111461	0.726139	-1.37715
hcs024d01	26175	C14orf109	0.768532	0.933073	-1.07173
hcs024d02	64760	FAM160B2	0.228695	1.2938	1.2938
hcs024d04	8241	RBM10	0.671803	0.928608	-1.07688
hcs024d06			0.336705	1.23194	1.23194
hcs024d07	89944	GLB1L2	0.804307	1.0615	1.0615

hcs024d08	51069	MRPL2	0.542759	0.933934	-1.07074
hcs024d09			0.523306	1.11198	1.11198
hcs024d10	22905	EPN2	0.000349	1.53463	1.53463
hcs024e02	23019	CNOT1	0.68189	0.880617	-1.13557
hcs024e04	84461	NEURL4	0.434109	1.05803	1.05803
hcs024e05	27183	VPS4A	0.825069	0.923184	-1.08321
hcs024e06	80264	ZNF430	0.129027	1.11366	1.11366
hcs024e07	57727	NCOA5	0.386052	1.63626	1.63626
hcs024e08	10131	TRAP1	0.014626	0.634959	-1.5749
hcs024e10	23176	8-Sep	0.818169	1.05249	1.05249
hcs024f01	10381	TUBB3	0.176256	0.696177	-1.43642
hcs024f02	23705	CADM1	0.12345	0.829018	-1.20625
hcs024f04	51631	LUC7L2	0.173572	0.797457	-1.25399
hcs024f05	10634	GAS2L1	0.000303	0.58764	-1.70172
hcs024f07	10988	METAP2	0.004756	0.598418	-1.67107
hcs024f10	25989	ULK3	0.172158	0.929793	-1.07551
hcs024f11	8720	MBTPS1	0.809299	1.06253	1.06253
hcs024f12			0.842627	0.989364	-1.01075
hcs024g01	1350	COX7C	0.703226	0.948447	-1.05436
hcs024g04	55012	PPP2R3C	0.520251	1.26365	1.26365
hcs024g06	23476	BRD4	0.841518	0.921844	-1.08478
hcs024g07	37	ACADVL	0.660972	0.783016	-1.27711
hcs024g10	3872	KRT17	0.344275	0.779624	-1.28267
hcs024g11	23008	KLHDC10	0.520439	0.829091	-1.20614
hcs024h02	93622	LOC93622	0.009612	1.37899	1.37899
hcs024h03	23463	ICMT	0.356986	0.817764	-1.22285
hcs024h05	64710	NUCKS1	0.086771	0.830353	-1.20431
hcs024h06	27141	CIDEB	0.25325	0.828277	-1.20733
hcs024h08	30968	STOML2	0.497368	0.939755	-1.06411
hcs024h09	1656	DDX6	0.574504	0.946858	-1.05612
hcs024h10	10439	OLFM1	0.002536	0.9173	-1.09016
hcs024h12	25970	SH2B1	0.051302	1.25362	1.25362
hcs025a01			0.063139	0.695606	-1.4376
hcs025a02	65009	NDRG4	0.905466	1.05216	1.05216
hcs025a03			0.712698	1.20408	1.20408
hcs025a04	5786	PTPRA	0.714054	1.16674	1.16674
hcs025a05	5908	RAP1B	0.112472	1.19184	1.19184
hcs025a06	2738	GLI4	0.048662	0.72274	-1.38362
hcs025a08	51160	VPS28	0.268711	1.30413	1.30413
hcs025a11	26135	SERBP1	0.059973	0.766599	-1.30446
hcs025b02	5036	PA2G4	0.026454	0.582493	-1.71676
hcs025b04	10488	CREB3	0.88109	1.02488	1.02488
hcs025b07	8140	SLC7A5	0.785771	0.912224	-1.09622
hcs025b11	5609	MAP2K7	0.904108	1.01353	1.01353
hcs025c04	537	ATP6AP1	0.328934	1.24128	1.24128
hcs025c05	1159	CKMT1B	0.387711	0.765871	-1.3057
hcs025c07	3459	IFNGR1	0.31856	1.27464	1.27464

hcs025c09	5264 PHYH	0.576468	1.24784	1.24784
hcs025c12	246721 POLR2J2	0.156964	1.13615	1.13615
hcs025d01	11316 COPE	0.708858	0.885152	-1.12975
hcs025d02	5691 PSMB3	0.178938	0.68936	-1.45062
hcs025d04	50700 RDH8	0.579717	1.13335	1.13335
hcs025d05	598 BCL2L1	0.706548	1.23403	1.23403
hcs025d06	10421 CD2BP2	0.416553	1.31432	1.31432
hcs025d07	22916 NCBP2	0.50541	1.49419	1.49419
hcs025d08	5717 PSMD11	0.010819	0.800246	-1.24962
hcs025d09	57030 SLC17A7	0.451041	1.46527	1.46527
hcs025d11	55174 INTS10	0.107905	0.872644	-1.14594
hcs025d12	8559 PRPF18	0.555241	0.952515	-1.04985
hcs025e05	1108 CHD4	0.3731	0.862555	-1.15935
hcs025e06	2902 GRIN1	0.178737	0.63663	-1.57077
hcs025e08	26061 HACL1	0.77443	1.06367	1.06367
hcs025e09		0.429309	0.948461	-1.05434
hcs025e11	400073 C12orf76	0.71844	1.07857	1.07857
hcs025f02	10857 PGRMC1	0.36295	1.19702	1.19702
hcs025f03	3842 TNPO1	0.727466	0.914843	-1.09308
hcs025f04	64978 MRPL38	0.04784	0.737702	-1.35556
hcs025f05	23163 GGA3	0.390404	0.927839	-1.07777
hcs025f07	339287 MSL1	0.694798	1.16251	1.16251
hcs025f08	23204 ARL6IP1	0.935509	1.01179	1.01179
hcs025f09	3801 KIFC3	0.507727	1.20196	1.20196
hcs025f11	10313 RTN3	0.554433	1.09257	1.09257
hcs025g02	25999 CLIP3	0.198145	0.61437	-1.62768
hcs025g04	8226 HDHD1	0.304855	0.859057	-1.16407
hcs025g06	10490 VTI1B	0.890278	0.935681	-1.06874
hcs025g07	10550 ARL6IP5	0.757782	0.939987	-1.06384
hcs025g09	65003 MRPL11	0.013101	0.814688	-1.22746
hcs025g10	60558 GUF1	0.69619	0.870798	-1.14837
hcs025g11	50632 CALY	0.006581	1.601	1.601
hcs025h02	10767 HBS1L	0.539569	0.9207	-1.08613
hcs025h03	653319 KIAA0895L	0.098441	1.20322	1.20322
hcs025h04	10282 BET1	0.942028	1.0201	1.0201
hcs025h05	23265 EXOC7	0.783968	1.18572	1.18572
hcs025h07	10227 MFSD10	0.118501	1.42137	1.42137
hcs025h08	5829 PXN	0.365639	2.69753	2.69753
hcs025h09	8850 KAT2B	0.173035	1.04079	1.04079
hcs025h10	6253 RTN2	0.317494	3.69278	3.69278
hcs025h11	4713 NDUFB7	0.459678	1.8523	1.8523
hcs026a02	7485 WRB	0.52197	1.40845	1.40845
hcs026a03	1363 CPE	0.603756	1.24254	1.24254
hcs026a05	490 ATP2B1	0.003839	0.677167	-1.47674
hcs026a06	6781 STC1	0.443911	1.6393	1.6393
hcs026a08	10128 LRPPRC	0.125233	0.731466	-1.36712
hcs026a09	10651 MTX2	0.658851	0.893018	-1.1198

hcs026a12		0.778147	1.12522	1.12522
hcs026b02	10237 SLC35B1	0.149329	1.56454	1.56454
hcs026b06	4942 OAT	0.465973	0.764094	-1.30874
hcs026b07	22938 SNW1	0.666424	1.34175	1.34175
hcs026c02	7533 YWHAH	0.38581	1.26515	1.26515
hcs026c05	401397 LOC401397	0.349363	0.910011	-1.09889
hcs026c06	778 CACNA1F	0.74315	1.05572	1.05572
hcs026c11	221477 C6orf89	0.883372	1.04153	1.04153
hcs026c12	23394 ADNP	0.928668	1.0232	1.0232
hcs026d01	23524 SRRM2	0.56346	0.856233	-1.16791
hcs026d02	1.01E+08 LOC100507	0.126948	0.70655	-1.41533
hcs026d04	80709 AKNA	0.003518	0.761788	-1.3127
hcs026d06	10072 DPP3	0.597006	1.44043	1.44043
hcs026d07	547 KIF1A	0.316365	2.56237	2.56237
hcs026d11	3035 HARS	0.906737	1.06592	1.06592
hcs026e02	4084 MXD1	0.474395	1.91297	1.91297
hcs026e03	64598 MOSPD3	0.009732	0.728139	-1.37336
hcs026e04	51372 CCDC72	0.666783	0.896283	-1.11572
hcs026e05	6687 SPG7	0.848462	0.96338	-1.03801
hcs026e06	374291 NDUF57	0.189173	0.914181	-1.09388
hcs026e08	8816 DCAF5	0.200124	1.37389	1.37389
hcs026e10	23461 ABCA5	0.010636	1.35505	1.35505
hcs026e11	5496 PPM1G	0.198648	1.32057	1.32057
hcs026e12	116986 AGAP2	0.033714	1.20264	1.20264
hcs026f01	9939 RBM8A	0.622994	1.18267	1.18267
hcs026f02	4298 MLLT1	0.454666	1.13001	1.13001
hcs026f04	91056 DKFZp761E	0.542193	1.48864	1.48864
hcs026f05	5414 4-Sep	0.477273	1.17616	1.17616
hcs026f09	9789 SPCS2	0.673666	1.12991	1.12991
hcs026f10	91746 YTHDC1	0.261175	1.16159	1.16159
hcs026f11	143570 XRR1	0.655665	1.41629	1.41629
hcs026g04	6166 RPL36AL	0.032695	0.720037	-1.38882
hcs026g07	80011 FAM192A	0.814668	0.935639	-1.06879
hcs026g08		0.196916	0.951368	-1.05112
hcs026g09	6584 SLC22A5	0.249573	0.906062	-1.10368
hcs026g10	5317 PKP1	0.907043	0.966327	-1.03485
hcs026g11	140739 UBE2F	0.993086	0.998529	-1.00147
hcs026g12	10890 RAB10	0.119769	0.706766	-1.4149
hcs026h06	6193 RPS5	0.12616	1.34995	1.34995
hcs026h07	8804 CREG1	0.15126	0.678733	-1.47333
hcs026h09	728855 LOC728855	0.428034	1.09107	1.09107
hcs027a01	54737 MPHOSPH8	0.242377	0.684291	-1.46137
hcs027a02	51142 CHCHD2	0.374601	0.848333	-1.17878
hcs027a04	25861 DFN3	0.405665	1.91256	1.91256
hcs027a05	129285 KLRA1	0.551903	1.05892	1.05892
hcs027a07		0.001408	1.64077	1.64077
hcs027a08	10474 TADA3	0.567188	1.31734	1.31734

hcs027a11		0.063818	0.904936	-1.10505
hcs027a11		0.063818	0.904936	-1.10505
hcs027b02	3150 HMG1	0.044357	0.853882	-1.17112
hcs027b03	55111 PLEKHJ1	0.103701	0.69645	-1.43585
hcs027b04	88745 RRP36	0.337784	0.760829	-1.31436
hcs027b05	3766 KCNJ10	0.558014	1.37851	1.37851
hcs027b07	6747 SSR3	0.127632	0.83809	-1.19319
hcs027b08	7024 TFCP2	0.965728	0.992748	-1.0073
hcs027b11	1340 COX6B1	0.785806	1.03066	1.03066
hcs027c02	23117 NPIPL3	0.396788	0.825564	-1.21129
hcs027c03	10962 MLLT11	0.338663	1.63834	1.63834
hcs027c04	5686 PSMA5	0.264859	0.80354	-1.24449
hcs027c05	84629 TNRC18	0.942708	1.01269	1.01269
hcs027c09	1207 CLNS1A	0.118023	0.886565	-1.12795
hcs027c11	5145 PDE6A	0.504373	1.80712	1.80712
hcs027c12	6746 SSR2	0.029964	1.15962	1.15962
hcs027d01	10075 HUWE1	0.436055	0.877882	-1.13911
hcs027d05	23621 BACE1	0.492351	1.46715	1.46715
hcs027d08	2752 GLUL	0.574747	1.0798	1.0798
hcs027d09	5127 CDK16	0.05445	0.901789	-1.10891
hcs027d10	9500 MAGED1	0.270812	0.887067	-1.12731
hcs027d11	9688 NUP93	0.248643	0.788027	-1.26899
hcs027d12	54963 UCKL1	0.455706	1.24082	1.24082
hcs027e01	3188 HNRNPH2	0.367619	1.16633	1.16633
hcs027e02	5501 PPP1CC	0.667723	1.12148	1.12148
hcs027e03	2079 ERH	0.117868	0.705845	-1.41674
hcs027e04	84522 JAGN1	0.412043	1.14537	1.14537
hcs027e06	7307 U2AF1	0.57273	0.960679	-1.04093
hcs027e09	3015 H2AFZ	0.343478	1.08411	1.08411
hcs027e10	51606 ATP6V1H	0.397831	1.72653	1.72653
hcs027e11	53 ACP2	0.439712	1.66727	1.66727
hcs027f03	83855 KLF16	0.090007	0.651305	-1.53538
hcs027f06	5479 PPIB	0.27665	0.856988	-1.16688
hcs027f07		0.35813	0.89949	-1.11174
hcs027f08	5518 PPP2R1A	0.090131	0.789162	-1.26717
hcs027f09	3757 KCNH2	0.443432	1.22753	1.22753
hcs027f11	2192 FBLN1	0.344466	1.55581	1.55581
hcs027g01	550643 LOC550643	0.76046	0.935496	-1.06895
hcs027g02	22796 COG2	0.251798	0.718963	-1.39089
hcs027g03	5702 PSMC3	0.584663	0.933429	-1.07132
hcs027g05	64772 ENGASE	0.981263	1.0119	1.0119
hcs027g06	54807 ZNF586	0.815727	1.04176	1.04176
hcs027h02	64969 MRPS5	0.282839	0.807239	-1.23879
hcs027h03		0.894479	0.973013	-1.02774
hcs027h04	26020 LRP10	0.579253	0.919011	-1.08813
hcs027h05	57460 PPM1H	0.882712	1.07762	1.07762
hcs027h06	403 ARL3	0.890594	0.972413	-1.02837

hcs027h07	9304 SNORD22	0.205749	1.26942	1.26942
hcs027h08	374666 WASH3P	0.816725	1.01698	1.01698
hcs027h09	10668 CGRRF1	0.984806	1.00282	1.00282
hcs027h11	9709 HERPUD1	0.882811	0.978644	-1.02182
hcs028a02	8863 PER3	0.176617	0.852102	-1.17357
hcs028a03	23412 COMMD3	0.183021	0.598167	-1.67177
hcs028a05	114804 RNF157	0.7639	1.07903	1.07903
hcs028a08	6396 SEC13	0.189371	0.802069	-1.24678
hcs028a09	10525 HYOU1	0.823342	1.09535	1.09535
hcs028a11	51201 ZDHHC2	0.307713	1.15267	1.15267
hcs028b01		0.093597	1.27919	1.27919
hcs028b01	342667 STAC2	0.093597	1.27919	1.27919
hcs028b04	1.01E+08 LOC100507	0.151915	0.858358	-1.16502
hcs028b05	28992 MACROD1	0.074545	1.10504	1.10504
hcs028b06	7277 TUBA4A	0.804676	1.04442	1.04442
hcs028b07	10869 USP19	0.616005	1.06778	1.06778
hcs028b08	1783 DYNC1LI2	0.407819	2.15531	2.15531
hcs028b09	23435 TARDBP	0.661775	0.926538	-1.07929
hcs028b10	5826 ABCD4	0.468006	1.31665	1.31665
hcs028b11	10732 TCFL5	0.004755	1.59257	1.59257
hcs028b12	6726 SRP9	0.005384	0.656572	-1.52306
hcs028c01	145226 RDH12	0.788242	0.982145	-1.01818
hcs028c02	10982 MAPRE2	0.181098	1.38382	1.38382
hcs028c04		0.285905	1.62044	1.62044
hcs028c05	1212 CLTB	0.815756	1.1199	1.1199
hcs028c07	26610 ELP4	0.861559	1.10283	1.10283
hcs028c08	84993 UBL7	0.345897	2.02595	2.02595
hcs028c09	8498 RANBP3	0.916514	0.982563	-1.01775
hcs028c10	55324 ABCF3	0.985467	1.00461	1.00461
hcs028c11	5956 OPN1LW	0.67632	1.70203	1.70203
hcs028d02	22827 PUF60	0.21379	1.33172	1.33172
hcs028d03	2959 GTF2B	0.113663	1.24396	1.24396
hcs028d04	6192 RPS4Y1	0.126516	0.721482	-1.38604
hcs028d05	29966 STRN3	0.342419	0.772757	-1.29407
hcs028d06	129787 TMEM18	0.717877	0.8657	-1.15513
hcs028d08	2357 FPR1	0.728886	0.963861	-1.03749
hcs028d09	3280 HES1	0.034863	1.24754	1.24754
hcs028d11	22838 RNF44	0.369714	1.10592	1.10592
hcs028d12	10765 KDM5B	0.477072	1.09882	1.09882
hcs028e01	51332 SPTBN5	0.938854	0.973506	-1.02722
hcs028e02	55206 SBNO1	0.582023	0.91665	-1.09093
hcs028e03	81552 VOPP1	0.363815	1.8717	1.8717
hcs028e04	10140 TOB1	0.396649	1.79861	1.79861
hcs028e05	29922 NME7	0.837172	0.940171	-1.06364
hcs028e07	126006 PCP2	0.315973	2.87105	2.87105
hcs028e09	5149 PDE6H	0.163543	0.908086	-1.10122
hcs028e10	79629 OCEL1	0.284114	1.38205	1.38205

hcs028e11	55802 DCP1A	0.87349	1.0345	1.0345
hcs028e12	79089 TMUB2	0.384022	1.31153	1.31153
hcs028f02	84545 MRPL43	0.925172	1.03103	1.03103
hcs028f04	59284 CACNG7	0.288931	0.635815	-1.57278
hcs028f06	2873 GPS1	0.81937	0.932148	-1.07279
hcs028f07	9296 ATP6V1F	0.651805	0.902128	-1.10849
hcs028f08	83892 KCTD10	0.168874	0.868093	-1.15195
hcs028f09	24 ABCA4	0.000901	0.579461	-1.72574
hcs028f10	23457 ABCB9	0.141843	0.840671	-1.18953
hcs028f11		0.137389	0.830754	-1.20373
hcs028f12	8446 DUSP11	0.093947	0.869267	-1.15039
hcs028g01	204 AK2	0.550762	0.777478	-1.28621
hcs028g02	57708 MIER1	0.272597	0.849285	-1.17746
hcs028g03	112869 CCDC101	0.74361	1.05918	1.05918
hcs028g05	51504 TRMT112	0.651751	0.841883	-1.18781
hcs028g08	1284 COL4A2	0.481066	1.17067	1.17067
hcs028g09	55651 NHP2	0.051892	0.75167	-1.33037
hcs028g11	583 BBS2	0.949088	0.98327	-1.01701
hcs028g12	93436 ARMC6	0.252807	0.93888	-1.0651
hcs028h01	29965 C16orf5	0.393548	1.42468	1.42468
hcs028h02	7073 TIAL1	0.309758	1.66629	1.66629
hcs028h04	56937 PMEPA1	0.371468	1.18558	1.18558
hcs028h05		0.009897	0.937605	-1.06655
hcs028h05		0.009897	0.937605	-1.06655
hcs028h06	6128 RPL6	0.720207	0.976544	-1.02402
hcs028h11	25942 SIN3A	0.141011	0.884837	-1.13015
hcs028h12	4698 NDUFA5	0.582418	1.15356	1.15356
hcs029a05	27034 ACAD8	0.784748	0.924672	-1.08146
hcs029a06	27098 CLUL1	0.050114	0.665391	-1.50288
hcs029a09	388759 C1orf229	0.349527	1.07688	1.07688
hcs029a10	54951 COMMD8	0.415668	0.671546	-1.4891
hcs029a11	346887 LOC346887	0.772811	1.03725	1.03725
hcs029a12	22853 LMTK2	0.81225	1.05286	1.05286
hcs029b02	9734 HDAC9	0.674071	1.11367	1.11367
hcs029b03	10856 RUVBL2	0.482888	0.844692	-1.18386
hcs029b04	1119 CHKA	0.425316	0.824198	-1.2133
hcs029b05	2885 GRB2	0.874134	1.07961	1.07961
hcs029b06	513 ATP5D	0.363095	2.16991	2.16991
hcs029b08	51268 PIPOX	0.541953	0.904022	-1.10617
hcs029c01		0.548236	0.824284	-1.21317
hcs029c05	29941 PKN3	0.837769	1.05579	1.05579
hcs029c08	4240 MFGE8	0.056421	1.72363	1.72363
hcs029c10	51659 GINS2	0.904995	1.00936	1.00936
hcs029c11	80161 ASMTL-AS1	0.624943	1.05258	1.05258
hcs029c12	64110 MAGEF1	0.630861	1.04748	1.04748
hcs029d05		0.540592	1.42154	1.42154
hcs029d06	1107 CHD3	0.031543	1.96394	1.96394

hcs029d07	6015 RING1	0.013253	1.5252	1.5252
hcs029d10	51626 DYNC2LI1	0.811086	0.86416	-1.15719
hcs029e01	27129 HSPB7	0.903894	1.02514	1.02514
hcs029e02	10367 CBARA1	0.110703	1.37542	1.37542
hcs029e05	79001 VKORC1	0.145449	0.848634	-1.17836
hcs029e06	1603 DAD1	0.874049	1.02357	1.02357
hcs029e08	10987 COPS5	0.496646	0.793612	-1.26006
hcs029e09	55103 RALGPS2	0.663203	1.23185	1.23185
hcs029e10	64754 SMYD3	0.198589	0.805899	-1.24085
hcs029e11	29844 TFPT	0.567133	1.22172	1.22172
hcs029e12	23357 ANGEL1	0.792322	1.10017	1.10017
hcs029f02	2987 GUK1	0.857151	0.959946	-1.04173
hcs029f03	22994 AZI1	0.799809	0.958501	-1.0433
hcs029f04	55256 ADI1	0.040805	0.735675	-1.3593
hcs029f06	5937 RBMS1	0.843546	0.880331	-1.13594
hcs029g02	5165 PDK3	0.3751	1.13026	1.13026
hcs029g03	5905 RANGAP1	0.562554	1.0932	1.0932
hcs029g10	8558 CDK10	0.663423	1.18263	1.18263
hcs029h01	11331 PHB2	0.075047	1.39515	1.39515
hcs029h02	55860 ACTR10	0.021284	0.772694	-1.29417
hcs029h05	1832 DSP	0.670071	0.873773	-1.14446
hcs029h06	10422 UBAC1	0.120254	0.671694	-1.48877
hcs029h08		0.121502	0.881121	-1.13492
hcs029h09	6165 RPL35A	0.061853	1.18664	1.18664
hcs029h12		0.282463	1.14123	1.14123
hcs030a02	115098 CCDC124	0.288231	0.622214	-1.60716
hcs030a05	84162 KIAA1109	0.50065	1.04551	1.04551
hcs030a06	140733 MACROD2	0.349922	0.905872	-1.10391
hcs030a07	9337 CNOT8	0.690297	1.17862	1.17862
hcs030a11	10245 TIMM17B	0.507981	1.09009	1.09009
hcs030b01	8655 DYNLL1	0.206603	0.812995	-1.23002
hcs030b07	5891 RAGE	0.433518	1.2263	1.2263
hcs030b09	2194 FASN	0.671126	1.02223	1.02223
hcs030b11	55692 LUC7L	0.971997	1.0153	1.0153
hcs030c02	9379 NRXN2	0.472887	0.955515	-1.04656
hcs030c03	337867 UBAC2	0.618132	0.912673	-1.09568
hcs030c04	51728 POLR3K	0.125461	0.724113	-1.381
hcs030c06	6294 SAFB	0.660593	1.07324	1.07324
hcs030c07	23247 KIAA0556	0.189874	0.78372	-1.27597
hcs030c12	694 BTG1	0.002209	0.78671	-1.27112
hcs030d05		0.761545	1.15931	1.15931
hcs030d06	23510 KCTD2	0.48233	1.40434	1.40434
hcs030d11	9619 ABCG1	0.086552	1.45579	1.45579
hcs030e01	6047 RNF4	0.855607	0.950146	-1.05247
hcs030e02	254263 CNIH2	0.090793	0.760136	-1.31555
hcs030e06	7709 ZBTB17	0.985249	0.989772	-1.01033
hcs030e10	727866 FAM156B	0.791013	1.09962	1.09962

hcs030f05		0.004938	1.23509	1.23509
hcs030f06	10581 IFITM2	0.003335	1.15364	1.15364
hcs030f09	5654 HTRA1	0.025701	0.686348	-1.45699
hcs030f11	6202 RPS8	0.020198	1.24218	1.24218
hcs030g01	439921 MXRA7	0.988325	0.995875	-1.00414
hcs030g03	1647 GADD45A	0.515623	1.03747	1.03747
hcs030g04	6223 RPS19	0.038504	1.97109	1.97109
hcs030g08	81853 TMEM14B	0.082226	1.51098	1.51098
hcs030g10	6218 RPS17	0.146391	0.765978	-1.30552
hcs030h08	2013 EMP2	0.401247	2.52196	2.52196
hcs030h10	29058 C20orf30	0.819033	1.02364	1.02364
hcs030h11	23271 CAMSAP1L	0.909908	0.976799	-1.02375
hcs031a05	4131 MAP1B	0.768051	0.905793	-1.104
hcs031a06	3728 JUP	0.388059	1.58326	1.58326
hcs031a07		0.336928	2.40164	2.40164
hcs031a11	8241 RBM10	0.812538	0.930373	-1.07484
hcs031b03	583 BBS2	0.616588	0.892973	-1.11985
hcs031b06		0.000917	0.67274	-1.48646
hcs031b11	3609 ILF3	0.002197	0.663061	-1.50816
hcs031c03	11222 MRPL3	0.968303	1.01607	1.01607
hcs031c04	10914 PAPOLA	0.955061	0.997919	-1.00209
hcs031c09	6443 SGCB	0.634308	1.16895	1.16895
hcs031c10	677823 SNORA42	0.358678	1.65168	1.65168
hcs031c11	6238 RRBP1	0.910201	1.04682	1.04682
hcs031d02	11043 MID2	0.807889	1.20424	1.20424
hcs031d03	55108 BSDC1	0.007732	1.44011	1.44011
hcs031d06	9019 MPZL1	0.544737	1.16469	1.16469
hcs031d12	55168 MRPS18A	0.995392	1.00204	1.00204
hcs031e01	308 ANXA5	0.721629	0.888293	-1.12575
hcs031e02	1291 COL6A1	0.505532	0.858278	-1.16512
hcs031e05		0.169797	0.880329	-1.13594
hcs031e06	23204 ARL6IP1	0.330091	1.28629	1.28629
hcs031e10	22916 NCBP2	0.540109	0.812318	-1.23104
hcs031e12	51307 FAM53C	0.362544	1.43573	1.43573
hcs031f02	4666 NACA	0.099901	0.848784	-1.17816
hcs031f06	55788 LMBRD1	0.894619	0.943322	-1.06008
hcs031f07	55964 3-Sep	0.339918	1.9735	1.9735
hcs031f08	116113 FOXP4	0.819843	0.894391	-1.11808
hcs031f09	9112 MTA1	0.470212	1.29692	1.29692
hcs031f11	57515 SERINC1	0.362484	1.17458	1.17458
hcs031g02		0.74133	1.18633	1.18633
hcs031g03	51106 TFB1M	0.047695	0.71445	-1.39968
hcs031g05	6455 SH3GL1	0.481752	1.62024	1.62024
hcs031g06	1E+08 LOC100132	0.090987	0.650504	-1.53727
hcs031g07	51776 ZAK	0.531231	1.09716	1.09716
hcs031g09	2697 GJA1	0.620226	1.3255	1.3255
hcs031g10	23379 KIAA0947	0.417441	1.91258	1.91258

hcs031h03	9131 AIFM1	0.011112	0.780461	-1.28129
hcs031h05	51011 FAHD2A	0.826785	1.043	1.043
hcs031h06	9885 OSBPL2	0.331401	1.29501	1.29501
hcs032a02	1781 DYNC1I2	0.6432	1.13716	1.13716
hcs032a03		0.52611	1.17282	1.17282
hcs032a04	6651 SON	0.36964	0.867842	-1.15228
hcs032a06	16 AARS	0.775697	1.03555	1.03555
hcs032a08	22808 MRAS	0.349219	2.21991	2.21991
hcs032a09		0.109381	0.887634	-1.12659
hcs032b01	9367 RAB9A	0.411294	1.16686	1.16686
hcs032b06	10905 MAN1A2	0.765301	1.06022	1.06022
hcs032b08	81034 SLC25A32	0.89501	1.11161	1.11161
hcs032b09	8763 CD164	0.446037	1.30295	1.30295
hcs032c02	118987 PDZD8	0.516374	1.22552	1.22552
hcs032c03	51347 TAOX3	0.951979	1.03227	1.03227
hcs032c04	9878 TOX4	0.65414	1.04975	1.04975
hcs032c07	10970 CKAP4	0.422676	1.26172	1.26172
hcs032c08	23241 PACS2	0.554309	1.0964	1.0964
hcs032c09	2908 NR3C1	0.387693	0.81449	-1.22776
hcs032c11	25792 CIZ1	0.39202	0.898155	-1.11339
hcs032c12	54946 SLC41A3	0.79514	1.07202	1.07202
hcs032d04	159 ADSS	0.095562	0.856854	-1.16706
hcs032d06	9703 KIAA0100	0.882468	1.06824	1.06824
hcs032e02	51663 ZFR	0.660023	1.47361	1.47361
hcs032e06		0.547528	1.21647	1.21647
hcs032e10	9882 TBC1D4	0.784959	0.937923	-1.06619
hcs032e12	8314 BAP1	0.06353	1.31317	1.31317
hcs032f05	2683 B4GALT1	0.884473	1.0413	1.0413
hcs032f06		0.35438	1.12147	1.12147
hcs032f07	1291 COL6A1	0.998858	1.00032	1.00032
hcs032f11	54910 SEMA4C	0.729541	1.34291	1.34291
hcs033a02	5151 PDE8A	0.59324	1.64601	1.64601
hcs033a05	5518 PPP2R1A	0.392489	1.40599	1.40599
hcs033a08	7020 TFAP2A	0.455153	1.25487	1.25487
hcs033a09	4053 LTBP2	0.37337	1.78385	1.78385
hcs033b04	57560 IFT80	0.909967	1.01421	1.01421
hcs033b07	7871 SLMAP	0.359784	1.06047	1.06047
hcs033b08	54906 C10orf18	0.525691	1.4511	1.4511
hcs033b10	567 B2M	0.020222	1.39812	1.39812
hcs033c03	9962 SLC23A2	0.61044	1.52133	1.52133
hcs033c11		0.010266	1.26022	1.26022
hcs033d01	5993 RFX5	0.856416	1.02427	1.02427
hcs033d06	23171 GPD1L	0.646859	1.13181	1.13181
hcs033d10	9926 LPGAT1	0.500828	1.16474	1.16474
hcs033e02	7159 TP53BP2	0.439688	0.861432	-1.16086
hcs033e07	39 ACAT2	0.062862	1.07758	1.07758
hcs033e10	79084 WDR77	0.026585	0.809258	-1.2357

hcs033f01	254958 REXO1L1	0.621386	1.47606	1.47606
hcs033f06	84333 PCGF5	0.975893	0.993437	-1.00661
hcs033f08	23223 RRP12	0.692288	1.07257	1.07257
hcs033f12	57727 NCOA5	0.004782	1.2254	1.2254
hcs033g02	79586 CHPF	0.331329	1.64379	1.64379
hcs033g03	112 ADCY6	0.429887	1.29364	1.29364
hcs033g05	55633 TBC1D22B	0.570075	1.26862	1.26862
hcs033g06	29035 C16orf72	0.890893	0.983868	-1.0164
hcs033g09	120 ADD3	0.004849	0.682013	-1.46625
hcs033g12	231 AKR1B1	0.163112	0.90626	-1.10344
hcs033h02	5286 PIK3C2A	0.343191	1.26546	1.26546
hcs033h07	5829 PXN	0.677951	1.13872	1.13872
hcs033h08	51027 BOLA1	0.103935	1.07602	1.07602
hcs033h10	3313 HSPA9	0.2153	0.670457	-1.49152
hcs033h11	10044 SH2D3C	0.687247	1.53982	1.53982
hcs034a03	5412 UBL3	0.838897	1.09679	1.09679
hcs034a07	91754 NEK9	0.293509	2.57454	2.57454
hcs034a09	9818 NUPL1	0.652125	1.0778	1.0778
hcs034a10	79005 SCNM1	0.426247	1.32173	1.32173
hcs034a11		0.592208	2.0834	2.0834
hcs034b03	54838 C10orf26	0.479284	1.09078	1.09078
hcs034b04	23468 CBX5	0.343155	1.12603	1.12603
hcs034b05	55689 YEATS2	0.291089	1.52877	1.52877
hcs034b08	9950 GOLGA5	0.614786	1.08479	1.08479
hcs034b11	1975 EIF4B	0.036729	0.891593	-1.12159
hcs034c04	51371 POMP	0.189067	0.803902	-1.24393
hcs034c05	55959 SULF2	0.40379	1.15333	1.15333
hcs034c06		0.739244	1.04901	1.04901
hcs034c11	84336 TMEM101	0.378648	1.28386	1.28386
hcs034d01		0.818202	0.914349	-1.09367
hcs034d02	57019 CIAPIN1	0.732862	0.96484	-1.03644
hcs034d03	314 AOC2	0.490714	1.10857	1.10857
hcs034d05	5360 PLTP	0.567076	1.40013	1.40013
hcs034d06	10808 HSPH1	0.7739	1.13091	1.13091
hcs034d07	2 A2M	0.942455	1.05168	1.05168
hcs034d09	27125 AFF4	0.517837	1.30203	1.30203
hcs034d10	203259 C9orf25	0.587187	1.12893	1.12893
hcs034e05	57130 ATP13A1	0.52642	1.1731	1.1731
hcs034e06	5861 RAB1A	0.977339	0.996276	-1.00374
hcs034e07	55657 ZNF692	0.347252	0.922817	-1.08364
hcs034e08	5565 PRKAB2	0.477365	1.48959	1.48959
hcs034e09	2547 XRCC6	0.141659	0.877244	-1.13993
hcs034e12	5754 PTK7	0.144405	0.893419	-1.1193
hcs034f06	55129 ANO10	0.619193	1.30066	1.30066
hcs034f07	3306 HSPA2	0.130726	0.764207	-1.30855
hcs034f08	51429 SNX9	0.227812	1.30163	1.30163
hcs034f09	10099 TSPAN3	0.616371	1.10987	1.10987

hcs034g01	27243	CHMP2A	0.124411	0.765499	-1.30634
hcs034g05	780	DDR1	0.60731	1.43882	1.43882
hcs034g07	23024	PDZRN3	0.883379	1.04235	1.04235
hcs034g08			0.297587	2.81141	2.81141
hcs034g09	8904	CPNE1	0.404205	0.854222	-1.17066
hcs034g10	5687	PSMA6	0.693527	1.08408	1.08408
hcs034g12	65991	FUNDC2	0.117099	1.24985	1.24985
hcs034h01	340252	ZNF680	0.041788	0.815043	-1.22693
hcs034h02	393	ARHGAP4	0.779172	1.26202	1.26202
hcs034h03	5970	RELA	0.144711	1.52833	1.52833
hcs034h06	9093	DNAJA3	0.558734	0.944804	-1.05842
hcs034h07			0.481046	1.28453	1.28453
hcs034h08	405	ARNT	0.484965	1.56042	1.56042
hcs034h10	64769	MEAF6	0.801304	0.959929	-1.04174
hcs035a02	27183	VPS4A	0.226364	1.1444	1.1444
hcs035a03	8880	FUBP1	0.242135	0.636342	-1.57148
hcs035a04	5573	PRKAR1A	0.938942	1.02467	1.02467
hcs035a06	4216	MAP3K4	0.35543	2.2364	2.2364
hcs035a07	3066	HDAC2	0.310054	0.713467	-1.40161
hcs035a08	51503	CWC15	0.421256	0.840731	-1.18944
hcs035a09	118429	ANTXR2	0.40185	2.19764	2.19764
hcs035a12	7360	UGP2	0.629005	1.07622	1.07622
hcs035b07	4659	PPP1R12A	0.295235	0.823391	-1.21449
hcs035b08	3998	LMAN1	0.444025	0.785689	-1.27277
hcs035b09	1213	CLTC	0.020722	0.702035	-1.42443
hcs035b10	171546	C14orf147	0.403471	1.09416	1.09416
hcs035b12	127602	DNAH14	0.016073	0.52045	-1.92141
hcs035c02	257415	FAM133B	0.802769	0.976766	-1.02379
hcs035c04	7458	EIF4H	0.517577	0.851262	-1.17473
hcs035c05	6625	SNRNP70	0.602904	1.2829	1.2829
hcs035c07	376497	SLC27A1	0.385733	2.2935	2.2935
hcs035c10	148327	CREB3L4	0.797236	1.09854	1.09854
hcs035d01	10521	DDX17	0.852504	0.975089	-1.02555
hcs035d06	55754	TMEM30A	0.951784	0.983757	-1.01651
hcs035d07	4723	NDUFV1	0.94591	1.01255	1.01255
hcs035d08	22900	CARD8	0.515103	1.27964	1.27964
hcs035d09	1967	EIF2B1	0.709232	0.909352	-1.09968
hcs035d11	9415	FADS2	0.051904	0.819395	-1.22041
hcs035d12	7205	TRIP6	0.589012	1.11717	1.11717
hcs035e06	9991	ROD1	0.601625	0.847872	-1.17942
hcs035f01	10564	ARFGF2	0.282348	1.21505	1.21505
hcs035f03	91452	ACBD5	0.692444	0.935655	-1.06877
hcs035f05	140890	SREK1	0.490608	1.06702	1.06702
hcs035g02	54622	ARL15	0.702408	1.52289	1.52289
hcs035g04	3190	HNRNPK	6.49E-06	0.769427	-1.29967
hcs035g05	84934	C12orf52	0.699145	1.20795	1.20795
hcs035h01	55228	PNMAL1	0.393518	1.40176	1.40176

hcs035h04	1054 CEBPG	0.366204	1.44468	1.44468
hcs035h06	440 ASNS	0.64624	0.932193	-1.07274
hcs035h07	5885 RAD21	0.176077	1.13129	1.13129
hcs035h08	51735 RAPGEF6	0.86682	0.984212	-1.01604
hcs035h09	55002 TMCO3	0.764957	1.10772	1.10772
hcs035h11	3030 HADHA	0.451619	1.09979	1.09979
hcs036a02	3295 HSD17B4	0.792789	0.937672	-1.06647
hcs036a03	1270 CNTF	0.378703	0.922297	-1.08425
hcs036a05	94239 H2AFV	0.980162	0.995045	-1.00498
hcs036a08	9295 SRSF11	0.836384	1.07639	1.07639
hcs036a09	6907 TBL1X	0.676207	1.13528	1.13528
hcs036a12	5209 PFKFB3	0.976989	1.01037	1.01037
hcs036b03	27173 SLC39A1	0.610103	1.14552	1.14552
hcs036b07	9236 CCPG1	0.891163	0.957947	-1.0439
hcs036b09	57583 TMEM181	0.114455	0.771949	-1.29542
hcs036b11	91949 COG7	0.904102	1.02554	1.02554
hcs036b12	10725 NFAT5	0.492736	0.93893	-1.06504
hcs036c01	2273 FHL1	0.059354	1.33248	1.33248
hcs036c04	517 ATP5G2	0.220909	1.15134	1.15134
hcs036c05	5682 PSMA1	0.513271	0.924581	-1.08157
hcs036c06	10565 ARFGEF1	0.968221	0.99539	-1.00463
hcs036c07	55893 ZNF395	0.961596	0.992418	-1.00764
hcs036c08	23552 CDK20	0.703706	1.02488	1.02488
hcs036c09	11167 FSTL1	0.843782	0.957317	-1.04459
hcs036c10	23294 ANKS1A	0.731613	1.06939	1.06939
hcs036c11	375743 PTAR1	0.786069	1.0654	1.0654
hcs036d02	9774 BCLAF1	0.023912	0.815598	-1.22609
hcs036d03	2017 CTTN	0.799291	1.06886	1.06886
hcs036d04	25831 HECTD1	0.096066	0.829854	-1.20503
hcs036d05	55854 ZC3H15	0.021005	0.693754	-1.44143
hcs036d06	80213 TM2D3	0.647838	1.20783	1.20783
hcs036d07	5691 PSMB3	0.574274	1.02548	1.02548
hcs036d11	1891 ECH1	0.046297	1.30348	1.30348
hcs036e03	5547 PRCP	0.820259	1.12494	1.12494
hcs036e04		0.418331	1.36253	1.36253
hcs036e06	2079 ERH	0.029139	0.639253	-1.56433
hcs036e08	6786 STIM1	0.057212	1.22898	1.22898
hcs036e09		0.427913	1.17437	1.17437
hcs036e11		0.669077	0.843314	-1.1858
hcs036e12	55379 LRRC59	0.114514	0.781422	-1.27972
hcs036f01		0.410481	1.27165	1.27165
hcs036f03	55740 ENAH	0.196592	0.780327	-1.28151
hcs036f06		0.835679	1.0133	1.0133
hcs036f07	34 ACADM	0.273803	0.91411	-1.09396
hcs036f08	200081 TXLNA	0.28368	1.13029	1.13029
hcs036f11	2110 ETFDH	0.568557	0.943101	-1.06033
hcs036g02	6342 SCP2	0.332967	1.42447	1.42447

hcs036g07		0.779895	0.984506	-1.01574
hcs036g08	8720 MBTPS1	0.625838	1.20068	1.20068
hcs036g09		0.757094	1.06615	1.06615
hcs036g10	6883 TAF12	0.403061	1.09588	1.09588
hcs036g11	56829 ZC3HAV1	0.013586	0.788008	-1.26902
hcs036g12	81488 GRINL1A	0.31355	0.878334	-1.13852
hcs036h03	8760 CDS2	0.772435	1.05304	1.05304
hcs036h04	219402 MTIF3	0.136544	0.624518	-1.60123
hcs036h05	79048 SECISBP2	0.379417	1.5313	1.5313
hcs036h06	9129 PRPF3	0.423937	0.800888	-1.24861
hcs036h07		0.711094	0.940179	-1.06363
hcs036h09	27433 TOR2A	0.556578	1.18057	1.18057
hcs036h10	4931 NVL	0.380388	0.859275	-1.16377
hcs036h12	254887 ZDHHC23	0.249147	1.37059	1.37059
hcs037b01	10130 PDIA6	0.512164	1.24387	1.24387
hcs037b08	64963 MRPS11	0.621746	1.30141	1.30141
hcs037b09	526 ATP6V1B2	0.824163	0.969299	-1.03167
hcs037c04	659 BMPR2	0.452689	1.27377	1.27377
hcs037c05	22836 RHOBTB3	0.651574	1.04806	1.04806
hcs037c11	25998 IBTK	0.049103	0.800298	-1.24953
hcs037c12	3703 STT3A	0.108812	0.836951	-1.19481
hcs037d04	22879 MON1B	0.817736	1.09301	1.09301
hcs037d06	8615 USO1	0.888523	1.05969	1.05969
hcs037d07	54431 DNAJC10	0.855047	0.971696	-1.02913
hcs037d10	8826 IQGAP1	0.802912	0.97489	-1.02576
hcs037d11	78996 C7orf49	0.902792	0.975395	-1.02523
hcs037d12	7018 TF	0.239359	0.801936	-1.24698
hcs037e04	25852 ARMC8	0.703587	1.31719	1.31719
hcs037e05	10694 CCT8	0.003798	0.580757	-1.72189
hcs037e10	6856 SYPL1	0.782748	0.943811	-1.05953
hcs037e11	2983 GUCY1B3	0.180498	0.827008	-1.20918
hcs037f02	6451 SH3BGRL	0.033712	0.875646	-1.14201
hcs037f03	10554 AGPAT1	0.923745	1.01671	1.01671
hcs037f06	55752 11-Sep	0.01308	0.664194	-1.50558
hcs037f09	4664 NAB1	0.799225	1.01656	1.01656
hcs037f10	4200 ME2	0.199735	0.790919	-1.26435
hcs037g09	824 CAPN2	0.841042	0.967919	-1.03314
hcs037h04	4677 NARS	0.141922	0.843674	-1.18529
hcs037h05	22862 FNDC3A	0.085258	0.859721	-1.16317
hcs037h07	22846 VASH1	0.891255	1.02328	1.02328
hcs037h08	5077 PAX3	0.140972	1.07888	1.07888
hcs037h12	79188 TMEM43	0.999726	1.00004	1.00004
hcs038b01	5176 SERPINF1	0.689373	1.25183	1.25183
hcs038b02	26234 FBXL5	0.622624	1.11806	1.11806
hcs038b03	23248 RPRD2	0.95365	1.02286	1.02286
hcs038b04	10923 SUB1	0.018382	0.617196	-1.62023
hcs038b06	384 ARG2	0.900179	0.949268	-1.05344

hcs038b09		0.089688	0.835793	-1.19647
hcs038b10	9975 NR1D2	0.60383	0.91609	-1.0916
hcs038b11	11020 IFT27	0.044655	0.868268	-1.15172
hcs038c04	3416 IDE	0.129992	0.928057	-1.07752
hcs038c09		0.382843	0.900676	-1.11028
hcs038c10	10139 ARFRP1	0.458175	1.14397	1.14397
hcs038d03	55832 CAND1	0.93157	1.05083	1.05083
hcs038d04	51503 CWC15	0.972357	0.980727	-1.01965
hcs038d11	22931 RAB18	0.549256	1.51278	1.51278
hcs038e03	10169 SERF2	0.334677	1.2602	1.2602
hcs038e04	29062 WDR91	0.903705	1.02259	1.02259
hcs038e05	219899 TBCEL	0.803502	1.04799	1.04799
hcs038e06	30968 STOML2	0.67798	1.10832	1.10832
hcs038e09	3189 HNRNPH3	0.077212	0.822368	-1.216
hcs038e10	960 CD44	0.578959	1.04782	1.04782
hcs038f04	9462 RASAL2	0.812892	0.883748	-1.13154
hcs038f05	5464 PPA1	0.076643	0.616986	-1.62078
hcs038f06	5252 PHF1	0.108439	0.700278	-1.428
hcs038f07	83604 TMEM47	0.382736	3.30437	3.30437
hcs038f08	25957 SFRS18	0.862971	0.937931	-1.06618
hcs039a04	8861 LDB1	0.571525	1.25863	1.25863
hcs039a05	5080 PAX6	0.761607	0.892888	-1.11996
hcs039a11	89941 RHOT2	0.502633	0.739637	-1.35201
hcs039b02	26512 INTS6	0.990895	0.994757	-1.00527
hcs039b07	55697 VAC14	0.332771	0.788149	-1.2688
hcs039b08	4848 CNOT2	0.173055	0.869982	-1.14945
hcs039b09	3475 IFRD1	0.29168	1.22926	1.22926
hcs039b10	284129 SLC26A11	0.874634	0.974714	-1.02594
hcs039c05	83442 SH3BGR13	0.205572	0.787971	-1.26908
hcs039c08	57609 DIP2B	0.687832	0.848562	-1.17846
hcs039d06	5211 PFKL	0.086431	0.916432	-1.09119
hcs039d11	6432 SRSF7	0.002588	0.752295	-1.32927
hcs039e02	9013 TAF1C	0.287681	1.33983	1.33983
hcs039e05	113444 C1orf212	0.77372	1.01499	1.01499
hcs039e06	8243 SMC1A	0.660519	1.12845	1.12845
hcs039e09	90488 C12orf23	0.408054	0.879013	-1.13764
hcs039f04	138311 FAM69B	0.341272	0.793255	-1.26063
hcs039f05	116224 FAM122A	0.672919	1.20937	1.20937
hcs039f11	862 RUNX1T1	0.064997	0.487692	-2.05047
hcs039g02	64710 NUCKS1	0.400555	0.893464	-1.11924
hcs039g05	23155 CLCC1	0.003915	0.739677	-1.35194
hcs039h08	390595 LOC390595	0.823754	0.936793	-1.06747
hcs039h09	3257 HPS1	0.311775	2.17928	2.17928
hcs039h10	51497 TH1L	0.825061	0.943005	-1.06044
hcs040a06	60412 EXOC4	0.976	0.987539	-1.01262
hcs040a08	84919 PPP1R15B	0.414588	1.14856	1.14856
hcs040a11		0.767763	1.224	1.224

hcs040c04	23516 SLC39A14	0.586067	1.07138	1.07138
hcs040c10	3033 HADH	0.753124	1.21091	1.21091
hcs040d03	5747 PTK2	0.838484	0.952534	-1.04983
hcs040d05	10282 BET1	0.902849	0.953145	-1.04916
hcs040e07	23523 CABIN1	0.568937	1.26858	1.26858
hcs041a04	6526 SLC5A3	0.613102	0.825158	-1.21189
hcs041a06	23193 GANAB	0.734015	1.12367	1.12367
hcs041a07	60313 GPBP1L1	0.84171	1.09242	1.09242
hcs041b04	6533 SLC6A6	0.847797	1.11679	1.11679
hcs041b05	706 TSPO	0.936772	1.05277	1.05277
hcs041b06	23002 DAAM1	0.725494	1.27598	1.27598
hcs041b08	10291 SF3A1	0.923107	1.03113	1.03113
hcs041b12	81566 CSNP2	0.091188	1.39888	1.39888
hcs041c02	6307 SC4MOL	0.685263	0.825551	-1.21131
hcs041c03	23369 PUM2	0.533808	0.859252	-1.1638
hcs041c05	7716 VEZF1	0.8494	1.09822	1.09822
hcs041c06	79939 SLC35E1	0.491215	1.60279	1.60279
hcs041c08	11319 ECD	0.555968	0.870606	-1.14863
hcs041c10	6500 SKP1	0.295602	0.778697	-1.2842
hcs041d02	55709 KBTBD4	0.344656	3.02232	3.02232
hcs041d03	5872 RAB13	0.694167	0.836654	-1.19524
hcs041d06	3187 HNRNP1	0.999518	1.00026	1.00026
hcs041d08	93556 EGFEM1P	0.597103	0.871189	-1.14786
hcs041d09	11176 BAZ2A	0.412716	1.9713	1.9713
hcs041e04		0.792321	1.18098	1.18098
hcs041e05	25778 DSTYK	0.546306	1.41827	1.41827
hcs041e07	84513 PPAPDC1B	0.428261	6.30678	6.30678
hcs041e09	5915 RARB	0.630972	0.786908	-1.2708
hcs041e12	9025 RNF8	0.459983	0.817897	-1.22265
hcs041f01	10512 SEMA3C	0.29848	3.1978	3.1978
hcs041f02	60314 C12orf10	0.27335	3.83247	3.83247
hcs041f03	116064 LRRC58	0.845441	0.899594	-1.11161
hcs041g02	79768 C15orf29	0.513758	1.60188	1.60188
hcs041g04	6709 SPTAN1	0.802885	0.924982	-1.0811
hcs041g09	8930 MBD4	0.640527	1.36378	1.36378
hcs041g10	9749 PHACTR2	0.578038	1.47584	1.47584
hcs041g11	51377 UCHL5	0.767599	1.11495	1.11495
hcs041h01	116369 SLC26A8	0.054159	0.639011	-1.56492
hcs041h02	93058 COQ10A	0.429394	0.725672	-1.37803
hcs041h06	64689 GORASP1	0.29794	3.66229	3.66229
hcs041h07	37 ACADVL	0.358567	2.36819	2.36819
hcs041h10	6867 TACC1	0.52307	1.78376	1.78376
hcs041h11	1.01E+08 LOC100507	0.973789	1.01414	1.01414
hcs042a06	22897 CEP164	0.669334	0.846859	-1.18083
hcs042a07	387 RHOA	0.00129	0.760751	-1.31449
hcs042a10	1121 CHM	0.877309	1.03588	1.03588
hcs042b01		0.966057	1.00741	1.00741

hcs042b03	79654 HECTD3	0.5545	0.89419	-1.11833
hcs042c02	5048 PAFAH1B1	0.785122	0.971284	-1.02956
hcs042d03	5052 PRDX1	0.568241	0.929289	-1.07609
hcs042d04	60592 SCOC	0.752647	1.10346	1.10346
hcs042d07	9652 TTC37	0.100857	0.927718	-1.07791
hcs042d09	8473 OGT	0.761348	1.09994	1.09994
hcs042e04	84913 ATOH8	0.028501	1.32428	1.32428
hcs042e07	3071 NCKAP1L	0.035749	1.52543	1.52543
hcs042e10	718 C3	0.435125	1.05553	1.05553
hcs042f02	10847 SRCAP	0.033721	1.90554	1.90554
hcs042f03		0.27458	1.26534	1.26534
hcs042f04	1738 DLD	0.720045	1.07873	1.07873
hcs042f05	57533 TBC1D14	0.799821	0.970219	-1.0307
hcs042g02		0.472719	1.55625	1.55625
hcs042h06		0.730996	1.02065	1.02065
hcs042h08	54522 ANKRD16	0.172974	1.1855	1.1855
hcs042h12	11212 PROSC	0.527506	1.14445	1.14445
hcs043a03		0.808901	1.0766	1.0766
hcs043a04	950 SCARB2	0.201648	1.20422	1.20422
hcs043a09	81618 ITM2C	0.053263	0.824699	-1.21256
hcs043b04	85358 SHANK3	0.29972	0.805566	-1.24136
hcs043b06	55006 TRMT61B	0.538954	1.0671	1.0671
hcs043b09	4758 NEU1	0.347471	1.24957	1.24957
hcs043b10		0.787779	0.975332	-1.02529
hcs043c03	5781 PTPN11	0.379313	0.90109	-1.10977
hcs043c05	7336 UBE2V2	0.308619	0.838807	-1.19217
hcs043c08		0.546009	1.16515	1.16515
hcs043c09	9031 BAZ1B	0.125354	1.12788	1.12788
hcs043e01	6139 RPL17	0.349132	1.17699	1.17699
hcs043e02	64146 PDF	0.084069	1.30546	1.30546
hcs043e04		0.630464	1.05924	1.05924
hcs043e11	64708 COPS7B	0.041788	0.788567	-1.26812
hcs043f02	54148 MRPL39	4.98E-06	0.607135	-1.64708
hcs043f05	5428 POLG	0.574154	1.06245	1.06245
hcs043f08	6721 SREBF2	0.601698	1.14549	1.14549
hcs043f09	7402 UTRN	0.420482	0.927724	-1.07791
hcs043g05	51324 SPG21	0.604067	0.872704	-1.14586
hcs044a01	1500 CTNND1	0.996256	0.99924	-1.00076
hcs044a02	92558 CCDC64	0.841933	1.12863	1.12863
hcs044a04	201895 C4orf34	0.692041	0.935268	-1.06921
hcs044a05	79993 ELOVL7	0.676047	0.916575	-1.09102
hcs044a06	2274 FHL2	0.470689	0.942832	-1.06063
hcs044a07	309 ANXA6	0.335147	0.788312	-1.26853
hcs044a09	6760 SS18	0.40156	0.812286	-1.23109
hcs044b01	6195 RPS6KA1	0.432033	1.7793	1.7793
hcs044b07	57498 KIDINS220	0.318359	2.46649	2.46649
hcs044b08	26071 FAM127B	0.943977	1.00523	1.00523

hcs044b10	55253 TYW1	0.015771	0.815225	-1.22666
hcs044b11	8985 PLOD3	0.485089	0.84673	-1.18101
hcs044c01	5089 PBX2	0.480811	1.56362	1.56362
hcs044c02	79631 EFTUD1	0.567716	0.901113	-1.10974
hcs044c04	1158 CKM	0.075713	0.757207	-1.32064
hcs044c05	159371 TMEM20	0.087335	0.794154	-1.2592
hcs044c07	5898 RALA	0.354941	0.960598	-1.04102
hcs044c08	8503 PIK3R3	0.010457	0.703539	-1.42139
hcs044c09	10856 RUVBL2	0.389527	0.950608	-1.05196
hcs044c10	54439 RBM27	0.010495	0.803996	-1.24379
hcs044c12	80135 RPF1	0.007578	0.614542	-1.62723
hcs044d01	54890 ALKBH5	0.509332	1.09804	1.09804
hcs044d05	5292 PIM1	0.597575	1.1725	1.1725
hcs044d07	2954 GSTZ1	0.47259	1.02765	1.02765
hcs044e05	178 AGL	0.650112	1.17772	1.17772
hcs044e07		0.920907	1.01201	1.01201
hcs044e08	51510 CHMP5	0.089389	0.908749	-1.10041
hcs044e10	81562 LMAN2L	0.029481	1.16889	1.16889
hcs044e11	23176 8-Sep	0.75561	1.07303	1.07303
hcs044f01	348110 C15orf38	0.690898	0.959061	-1.04269
hcs044f03	84993 UBL7	0.528373	1.12338	1.12338
hcs044f05	1075 CTSC	0.716658	0.913368	-1.09485
hcs044f11	2597 GAPDH	0.008648	0.702351	-1.42379
hcs044f12	23499 MACF1	0.737082	0.947895	-1.05497
hcs044g02	3119 HLA-DQB1	0.311853	2.44438	2.44438
hcs044g05	10735 STAG2	0.402632	1.62494	1.62494
hcs044g06	481 ATP1B1	0.216067	0.90927	-1.09978
hcs044g09	3155 HMGCL	0.436691	1.06982	1.06982
hcs044g11	10625 IVNS1ABP	0.017537	0.657176	-1.52166
hcs044g12	113251 LARP4	0.058858	0.801939	-1.24698
hcs044h03	64216 TFB2M	0.007413	0.704799	-1.41884
hcs044h04	23633 KPNA6	0.648828	0.886333	-1.12824
hcs044h06	81608 FIP1L1	0.046289	0.770269	-1.29825
hcs044h08	5876 RABGGTB	0.114781	0.731244	-1.36753
hcs044h10		0.257267	1.07464	1.07464
hcs044h11	2186 BPTF	0.082805	0.737688	-1.35559
hcs045a03	51557 LGSN	0.62164	1.19719	1.19719
hcs045a04	79444 BIRC7	0.214892	1.30489	1.30489
hcs045a11	8243 SMC1A	0.550482	1.09578	1.09578
hcs045b03	2317 FLNB	0.986321	1.00545	1.00545
hcs045b06		0.89868	1.04896	1.04896
hcs045b07	116496 FAM129A	0.828928	0.924167	-1.08206
hcs045b09		0.436384	0.87935	-1.1372
hcs045b11	23549 DNPEP	0.66448	0.95436	-1.04782
hcs045c01	30 ACAA1	0.654338	0.867467	-1.15278
hcs045c02	283209 PGM2L1	0.771763	1.03993	1.03993
hcs045c03	63979 FIGNL1	0.18693	1.21947	1.21947

hcs045c08	6830 SUPT6H	0.145549	1.44622	1.44622
hcs045c09	51306 FAM13B	0.52873	0.935569	-1.06887
hcs045c10	200150 PLD5	0.736322	1.14982	1.14982
hcs045c11		0.524367	0.926436	-1.07941
hcs045d01	112942 CCDC104	0.346445	0.697211	-1.43429
hcs045d06	5494 PPM1A	0.048431	0.856902	-1.16699
hcs045d09		0.985255	0.99221	-1.00785
hcs045d10	51527 C14orf129	0.251722	1.20278	1.20278
hcs045d11	65062 ALS2CR4	0.431803	0.878994	-1.13766
hcs045d12		0.512189	1.22555	1.22555
hcs045e02		0.383242	0.741703	-1.34825
hcs045e03	85301 COL27A1	0.705519	1.05494	1.05494
hcs045e09	4594 MUT	0.048183	0.831664	-1.20241
hcs045e11	11101 ATE1	0.097926	0.670386	-1.49168
hcs045e12	79158 GNPTAB	0.001214	0.616681	-1.62158
hcs045f05	10241 CALCOCO2	0.715246	0.91282	-1.09551
hcs045f08	7536 SF1	0.67777	1.0296	1.0296
hcs045f10	3692 EIF6	0.556182	1.26963	1.26963
hcs045g04		0.278494	0.68847	-1.4525
hcs045g05	2122 MECOM	0.991041	0.997117	-1.00289
hcs045g09		0.870148	1.02733	1.02733
hcs045g10	1009 CDH11	0.453331	1.15349	1.15349
hcs045h02	10773 ZBTB6	0.710394	1.06822	1.06822
hcs045h05	54816 ZNF280D	0.149489	0.841295	-1.18864
hcs046a04	3516 RBPJ	0.403652	1.22027	1.22027
hcs046a07	262 AMD1	0.450504	0.860906	-1.16157
hcs046a10	29068 ZBTB44	0.518405	1.20454	1.20454
hcs046b05	81689 ISCA1	0.9914	0.99775	-1.00226
hcs046b08		0.523765	1.20564	1.20564
hcs046b09	27341 RRP7A	0.727539	0.974582	-1.02608
hcs046b10	10682 EBP	0.509075	1.26233	1.26233
hcs046c02	2618 GART	0.494938	3.72759	3.72759
hcs046d01		0.27438	2.16111	2.16111
hcs046d02		0.602578	0.895243	-1.11702
hcs046d08		0.654344	0.882703	-1.13288
hcs046d09	1073 CFL2	0.076173	0.787477	-1.26988
hcs046d11	4357 MPST	0.113026	1.51742	1.51742
hcs046d12	11171 STRAP	0.565879	0.945109	-1.05808
hcs046e02	553115 PEF1	0.888624	0.96236	-1.03911
hcs046e11	78992 YIPF2	0.545917	1.18611	1.18611
hcs046f03	740 MRPL49	0.827891	0.980865	-1.01951
hcs046f04	1787 TRDMT1	0.73422	0.836686	-1.19519
hcs046f07	114908 TMEM123	0.647775	0.96007	-1.04159
hcs046f11	55974 SLC50A1	0.940889	1.00862	1.00862
hcs046g04	9666 DZIP3	0.377451	0.968417	-1.03261
hcs046g12	9698 PUM1	0.294672	1.18848	1.18848
hcs046h03	79982 DNAJB14	0.568571	0.890007	-1.12359

hcs046h05	80818 ZNF436	0.055686	1.11974	1.11974
hcs046h09	58477 SRPRB	0.559482	1.12398	1.12398
hcs046h10	4832 NME3	0.96931	0.992536	-1.00752
hcs047a02	1E+08 SNORA70F	0.843015	0.934934	-1.06959
hcs047a09	210 ALAD	0.419858	2.15476	2.15476
hcs047a10		0.911077	1.04298	1.04298
hcs047a11	57862 ZNF410	0.691588	0.906202	-1.10351
hcs047b05	283131 NEAT1	0.08941	2.3175	2.3175
hcs047b09	6788 STK3	0.67154	0.832567	-1.2011
hcs047b10	64764 CREB3L2	0.154426	0.751001	-1.33156
hcs047c02	57488 ESYT2	0.904474	1.0468	1.0468
hcs047c03	950 SCARB2	0.954218	1.02996	1.02996
hcs047c05	6416 MAP2K4	0.859195	0.984796	-1.01544
hcs047c08	25932 CLIC4	0.174482	1.29363	1.29363
hcs047c10	118924 FRA10AC1	0.209961	0.659182	-1.51703
hcs047d05	23272 C3orf63	0.336814	0.779976	-1.28209
hcs047d07	26148 C10orf12	0.73655	0.921174	-1.08557
hcs047d08	81563 C1orf21	0.531665	1.45345	1.45345
hcs047d12	9375 TM9SF2	0.178087	1.07172	1.07172
hcs047e03	81929 SEH1L	0.855185	0.920401	-1.08648
hcs047e05	64131 XYLT1	0.25094	1.46321	1.46321
hcs047e06	149076 ZNF362	0.307908	0.916097	-1.09159
hcs047e09	7832 BTG2	0.609758	1.38645	1.38645
hcs047f06	2944 GSTM1	0.142531	1.1471	1.1471
hcs047f09	134553 C5orf24	0.937696	0.978481	-1.02199
hcs047f10	132864 CPEB2	0.925394	1.02761	1.02761
hcs047f11	23392 KIAA0368	0.804681	1.02654	1.02654
hcs047g01	23376 KIAA0776	0.25577	1.21992	1.21992
hcs047g02		0.309925	1.10917	1.10917
hcs047g07	79710 MORC4	0.444669	1.07151	1.07151
hcs047g12	57563 KLHL8	0.569293	1.49881	1.49881
hcs048a04	5902 RANBP1	0.021729	0.630599	-1.58579
hcs048a06	6513 SLC2A1	0.557486	1.66819	1.66819
hcs048a07	29066 ZC3H7A	0.712115	1.06214	1.06214
hcs048a09	5660 PSAP	0.234459	1.19531	1.19531
hcs048a10	23022 PALLD	0.502373	0.871754	-1.14711
hcs048b03	10093 ARPC4	0.849663	1.0515	1.0515
hcs048b06	3572 IL6ST	0.897693	0.966784	-1.03436
hcs048b09	23118 TAB2	0.523842	1.14813	1.14813
hcs048b12	10953 TOMM34	0.265662	0.845745	-1.18239
hcs048c01	148423 C1orf52	0.557795	1.07627	1.07627
hcs048c03	56997 ADCK3	0.577562	1.25509	1.25509
hcs048c06	805 CALM2	0.176259	0.907354	-1.10211
hcs048c07	57716 PRX	0.474036	1.27648	1.27648
hcs048d01	10382 TUBB4	0.406524	0.766939	-1.30388
hcs048e01	7428 VHL	0.345491	1.52495	1.52495
hcs048e03	137964 AGPAT6	0.174828	1.51794	1.51794

hcs048e06	1E+08 LOC10013C	0.433584	1.72205	1.72205
hcs048e07	10239 AP3S2	0.110621	1.07749	1.07749
hcs048e09	10531 PITRM1	0.117743	0.848605	-1.1784
hcs048f01	23081 KDM4C	0.488968	2.42844	2.42844
hcs048f03	29799 YPEL1	0.272426	2.61083	2.61083
hcs048f05	22827 PUF60	0.405899	1.28482	1.28482
hcs048f10	1608 DGKG	0.36486	0.826574	-1.20981
hcs048f11	5080 PAX6	0.556399	1.04617	1.04617
hcs048g01	23077 MYCBP2	0.352217	2.04072	2.04072
hcs048g04	3105 HLA-A	0.052669	1.38665	1.38665
hcs048g08	221037 JMJD1C	0.601064	1.30263	1.30263
hcs048g10	3192 HNRNPU	0.000399	0.763926	-1.30903
hcs048g12	3856 KRT8	0.880026	1.05696	1.05696
hcs048h01	3311 HSPA7	0.121826	0.755445	-1.32372
hcs048h03	114991 ZNF618	0.604691	0.908786	-1.10037
hcs048h04	1198 CLK3	0.981262	1.00617	1.00617
hcs048h05	7485 WRB	0.586325	0.958521	-1.04327
hcs048h07	9060 PAPSS2	0.689498	0.850705	-1.1755
hcs048h10	2744 GLS	0.155032	0.854592	-1.17015
hcs049a06	84726 PRRC2B	0.210833	1.38485	1.38485
hcs049a08	29761 USP25	0.087591	0.773104	-1.29349
hcs049a10	8065 CUL5	0.522255	0.87763	-1.13943
hcs049b03	55754 TMEM30A	0.195016	1.6795	1.6795
hcs049b05	8454 CUL1	0.702606	1.0891	1.0891
hcs049b06	1838 DTNB	0.936145	1.00767	1.00767
hcs049b08	7013 TERF1	0.885457	0.961679	-1.03985
hcs049b09	29767 TMOD2	0.991631	0.996096	-1.00392
hcs049b10	3632 INPP5A	0.545955	1.38663	1.38663
hcs049c02	64062 RBM26	0.25233	1.11676	1.11676
hcs049c03	2992 GYG1	0.589439	0.925468	-1.08053
hcs049c05	5720 PSME1	0.67022	1.13656	1.13656
hcs049c08	11164 NUDT5	0.101659	1.2429	1.2429
hcs049c09	6434 TRA2B	0.021833	0.862553	-1.15935
hcs049c10	23633 KPNA6	0.901303	0.985497	-1.01472
hcs049c11	4193 MDM2	0.016084	0.770494	-1.29787
hcs049d01	23588 KLHDC2	0.461789	1.17882	1.17882
hcs049d02	10243 GPHN	0.971527	1.0043	1.0043
hcs049d03	6746 SSR2	0.725302	1.03381	1.03381
hcs049d05		0.006162	0.799511	-1.25076
hcs049d09		0.669421	0.935698	-1.06872
hcs049d10		0.416591	0.877672	-1.13938
hcs049d12	23169 SLC35D1	0.760087	1.13677	1.13677
hcs049e04	4190 MDH1	0.627646	1.06013	1.06013
hcs049e05	57551 TAOK1	0.583745	1.08017	1.08017
hcs049e08	10728 PTGES3	0.553267	0.925692	-1.08027
hcs049e11	54737 MPHOSPH8	0.051381	0.792896	-1.2612
hcs049f01	8036 SHOC2	0.562285	1.12913	1.12913

hcs049f03	23197 FAF2	0.114579	1.19702	1.19702
hcs049f04	22794 CASC3	0.281979	1.28229	1.28229
hcs049f05	55568 GALNT10	0.731715	0.973217	-1.02752
hcs049f07	55131 RBM28	0.034002	0.745613	-1.34118
hcs049f08	87178 PNPT1	0.57065	1.19573	1.19573
hcs049f09	9682 KDM4A	0.053022	0.922429	-1.08409
hcs049f10	10005 ACOT8	0.642034	1.27881	1.27881
hcs049g01	3912 LAMB1	0.390926	0.824731	-1.21252
hcs049g05	26273 FBXO3	0.512099	1.2922	1.2922
hcs049g06	56172 ANKH	0.425564	1.13889	1.13889
hcs049g07	162427 FAM134C	0.066714	1.12647	1.12647
hcs049g10	6772 STAT1	0.958088	0.986837	-1.01334
hcs049h03	84247 LDOC1L	0.263468	0.817523	-1.22321
hcs049h08	9649 RALGPS1	0.816563	1.03897	1.03897
hcs050a04	54467 ANKIB1	0.74632	1.04519	1.04519
hcs050a05	369 ARAF	0.774215	1.1131	1.1131
hcs050a06	415116 PIM3	0.63995	1.40248	1.40248
hcs050a09	89970 RSPRY1	0.155314	0.868384	-1.15156
hcs050a10	5917 RARS	0.086372	0.825445	-1.21147
hcs050a11	3185 HNRNPF	0.049786	0.875214	-1.14258
hcs050b02		0.862431	1.01195	1.01195
hcs050b03	23683 PRKD3	0.991603	1.00307	1.00307
hcs050b04	23122 CLASP2	0.415767	0.841935	-1.18774
hcs050b05	8303 SNN	0.798054	1.08339	1.08339
hcs050c07		0.47198	1.18518	1.18518
hcs050d03	5901 RAN	0.287183	0.816562	-1.22465
hcs050d05	22954 TRIM32	0.446675	1.53004	1.53004
hcs050d06	7626 ZNF75D	0.485162	1.34476	1.34476
hcs050e03	7733 ZNF180	0.559904	1.99046	1.99046
hcs050e04	80124 VCPIP1	0.38396	1.56921	1.56921
hcs050e07	8565 YARS	0.243906	0.949104	-1.05363
hcs050e10	23198 PSME4	0.593895	1.09604	1.09604
hcs050e11	3800 KIF5C	0.237141	1.27479	1.27479
hcs050f08	10519 CIB1	0.310454	1.34001	1.34001
hcs050f12	55705 IPO9	0.095083	1.17303	1.17303
hcs050g01	2551 GABPA	0.376419	0.950045	-1.05258
hcs050g02	10972 TMED10	0.870553	1.03061	1.03061
hcs050g03	145483 FAM161B	0.36067	2.14706	2.14706
hcs050g05	22877 MLXIP	0.537515	1.28605	1.28605
hcs050h03		0.309202	2.30255	2.30255
hcs050h04	7082 TJP1	0.671451	1.09463	1.09463
hcs050h06	8566 PDXK	0.731449	0.974304	-1.02637
hcs050h07	93986 FOXP2	0.286895	1.11201	1.11201
hcs050h08	3958 LGALS3	0.99557	1.00203	1.00203
hcs050h09	55593 OTUD5	0.398351	1.10317	1.10317
hcs051a01	9500 MAGED1	0.307903	0.766255	-1.30505
hcs051a05	84890 ADO	0.779805	1.05477	1.05477

hcs051a11	11097 NUPL2	0.662655	1.04889	1.04889
hcs051b04	51592 TRIM33	0.562939	0.943205	-1.06021
hcs051b10	9847 KIAA0528	0.001942	0.797133	-1.2545
hcs051c05	55074 OXR1	0.471588	1.41896	1.41896
hcs051c07	51493 C22orf28	0.323607	0.807597	-1.23824
hcs051c09	55795 PCID2	0.237325	0.857144	-1.16667
hcs051d04	22978 NT5C2	0.89497	1.01587	1.01587
hcs051d05	55737 VPS35	0.810639	0.970106	-1.03082
hcs051d07	2665 GDI2	0.022978	0.803165	-1.24507
hcs051d08	10015 PDCD6IP	0.647208	1.01611	1.01611
hcs051e01	204 AK2	0.894289	0.986392	-1.0138
hcs051e05	9665 KIAA0430	0.415527	1.64291	1.64291
hcs051e06	3693 ITGB5	0.694362	1.09155	1.09155
hcs051e07	9315 C5orf13	0.913789	1.02761	1.02761
hcs051e10	6301 SARS	0.196891	1.13049	1.13049
hcs051f01	57187 THOC2	0.072305	0.685094	-1.45965
hcs051f07	648 BMI1	0.336802	0.85255	-1.17295
hcs051f11	55715 DOK4	0.033158	0.708358	-1.41172
hcs051g08	677885 SNORA59A	0.678629	1.15509	1.15509
hcs051g09	647135 SRGAP2P2	0.692273	0.977953	-1.02254
hcs051g10	23403 FBXO46	0.165732	1.25238	1.25238
hcs051g12	9666 DZIP3	0.456636	1.05751	1.05751
hcs052a05	8733 GPAA1	0.320131	1.23564	1.23564
hcs052a09	1655 DDX5	0.105797	0.897824	-1.1138
hcs052b01	10607 TBL3	0.590048	0.962957	-1.03847
hcs052b11	57482 KIAA1211	0.034619	0.902446	-1.1081
hcs052c03	10944 C11orf58	0.340445	0.847737	-1.17961
hcs052c05	22985 ACIN1	0.327194	1.22557	1.22557
hcs052c06	2109 ETFB	0.142423	1.03464	1.03464
hcs052c08	6272 SORT1	0.301599	1.03821	1.03821
hcs052d05	10524 KAT5	0.331038	1.21182	1.21182
hcs052d09	9147 SDCCAG1	0.000986	0.776082	-1.28852
hcs052d12	471 ATIC	0.008722	0.820127	-1.21932
hcs052e02	1195 CLK1	0.433514	1.36734	1.36734
hcs052e06	10640 EXOC5	0.440084	1.59467	1.59467
hcs052e09	117177 RAB3IP	0.383241	1.27301	1.27301
hcs052e10	5870 RAB6A	0.378294	0.924718	-1.08141
hcs052f03	6295 SAG	0.16539	0.758004	-1.31925
hcs052f04	56271 BEX4	0.757789	1.05214	1.05214
hcs052f11	25829 TMEM184F	0.067628	0.832244	-1.20157
hcs052f12	3133 HLA-E	0.187193	1.2527	1.2527
hcs052g07	55871 CBWD1	0.559004	1.31398	1.31398
hcs052g08	1337 COX6A1	0.542313	1.23268	1.23268
hcs052g09	55599 RNPC3	0.969588	1.01827	1.01827
hcs052g10	55599 RNPC3	0.882621	1.06423	1.06423
hcs052h01	4718 NDUFC2	0.479898	0.871888	-1.14694
hcs053a02	2060 EPS15	0.849844	1.06696	1.06696

hcs053a03	7707 ZNF148	0.456762	0.7231	-1.38293
hcs053a05	51263 MRPL30	0.569167	0.786482	-1.27148
hcs053a08	79027 ZNF655	0.63618	1.2741	1.2741
hcs053b02	51637 C14orf166	0.238768	0.670614	-1.49117
hcs053b11	11252 PACSIN2	0.381247	1.06115	1.06115
hcs053b12	55740 ENAH	0.801703	0.948847	-1.05391
hcs053c09	4026 LPP	0.070383	1.64135	1.64135
hcs053d02	51495 PTPLAD1	0.838884	1.09448	1.09448
hcs053d06	546 ATRX	0.788575	1.16992	1.16992
hcs053d08	51382 ATP6V1D	0.877875	1.09514	1.09514
hcs053d09	23180 RFTN1	0.269396	4.26382	4.26382
hcs053d12	5813 PURA	0.72609	0.914059	-1.09402
hcs053e03		0.844419	0.96585	-1.03536
hcs053e06	57616 TSHZ3	0.486093	1.46644	1.46644
hcs053e10	7283 TUBG1	0.842795	1.09294	1.09294
hcs053e11		0.114402	1.56762	1.56762
hcs053f01	857 CAV1	0.169827	1.74848	1.74848
hcs053f02	22837 COBLL1	0.499696	1.8961	1.8961
hcs053f06	8725 C19orf2	0.418719	1.95495	1.95495
hcs053f09	472 ATM	0.909027	0.955408	-1.04667
hcs053f10	5980 REV3L	0.873781	1.08731	1.08731
hcs053f12	6192 RPS4Y1	0.068625	0.849846	-1.17668
hcs053g05	492311 C5orf53	0.186188	1.24697	1.24697
hcs053g12	1965 EIF2S1	0.292952	0.810961	-1.2331
hcs053h01	10075 HUWE1	0.06389	0.782024	-1.27873
hcs053h04	27044 SND1	0.771919	1.21576	1.21576
hcs053h09	1729 DIAPH1	0.749702	1.22027	1.22027
hcs054a06	8560 DEGS1	0.824065	0.946004	-1.05708
hcs054a10	51108 METTL9	0.371748	0.913806	-1.09432
hcs054a12	1841 DTYMK	0.490927	1.10599	1.10599
hcs054b04	1819 DRG2	0.337379	2.70977	2.70977
hcs054b05	220972 8-Mar	0.322034	4.57219	4.57219
hcs054b06	23301 EHBP1	0.440711	1.56639	1.56639
hcs054b08	5930 RBBP6	0.845588	1.07425	1.07425
hcs054c03		0.519815	1.51399	1.51399
hcs054c07	8727 CTNNAL1	0.297085	0.695899	-1.43699
hcs054d04	27347 STK39	0.850862	1.1201	1.1201
hcs054d06	26022 TMEM98	0.187924	1.3072	1.3072
hcs054d09	10717 AP4B1	0.67727	0.907908	-1.10143
hcs054e03	7414 VCL	0.845313	0.944047	-1.05927
hcs054e04	6723 SRM	0.272928	0.78624	-1.27188
hcs054e05	55852 TEX2	0.945571	1.0378	1.0378
hcs054e08	81611 ANP32E	0.508979	0.844203	-1.18455
hcs054f05	283755 HERC2P3	0.543992	1.62709	1.62709
hcs054g01	81565 NDEL1	0.404109	1.13875	1.13875
hcs054g03	8153 RND2	0.515359	1.64232	1.64232
hcs054g08	647135 SRGAP2P2	0.623829	1.35259	1.35259

hcs054h04	10175 CNIH	0.767057	1.17881	1.17881
hcs054h05	23635 SSBP2	0.364016	2.46531	2.46531
hcs054h06	23116 FAM179B	0.270122	3.80747	3.80747
hcs054h08	2956 MSH6	0.984659	1.01151	1.01151
hcs054h12	29090 C18orf55	0.174199	0.754247	-1.32583
hcs055a09	51 ACOX1	0.013142	0.875472	-1.14224
hcs055a10	22803 XRN2	0.136721	0.744992	-1.3423
hcs055a12	11094 C9orf7	0.460712	0.924179	-1.08204
hcs055b03	9747 FAM115A	0.855895	0.957914	-1.04394
hcs055b10	4905 NSF	0.386078	0.872603	-1.146
hcs055b11	51491 NOP16	0.83262	1.04134	1.04134
hcs055c04	55860 ACTR10	0.07873	0.865077	-1.15597
hcs055c12	10450 PPIE	0.086746	0.873335	-1.14504
hcs055d03	2318 FLNC	0.014881	1.78172	1.78172
hcs055d05	10950 BTG3	0.167262	1.32319	1.32319
hcs055d06	7812 CSDE1	0.001997	0.736526	-1.35773
hcs055e06	729051 LOC729051	0.789026	1.09745	1.09745
hcs055e07	4660 PPP1R12B	0.825998	1.13587	1.13587
hcs055f05	26130 GAPVD1	0.424654	1.42151	1.42151
hcs055f08	1398 CRK	0.367372	1.24481	1.24481
hcs055g03	8301 PICALM	0.074746	0.907868	-1.10148
hcs055g04	10602 CDC42EP3	0.947901	0.986862	-1.01331
hcs055g07	28964 GIT1	0.544986	1.06403	1.06403
hcs055g09	25820 ARIH1	0.032947	0.826615	-1.20975
hcs055g11	23042 PDXDC1	0.739512	1.06215	1.06215
hcs055h02	6433 SFSWAP	0.48559	1.48805	1.48805
hcs055h05	9987 HNRPDL	0.005005	0.642343	-1.5568
hcs055h06	55364 IMPACT	0.0556	0.80981	-1.23486
hcs055h07	8842 PROM1	0.764389	1.01189	1.01189
hcs055h09	6925 TCF4	0.638255	1.12964	1.12964
hcs055h10	2804 GOLGB1	0.21472	1.07825	1.07825
hcs056a01	151050 C2orf67	0.245751	0.78685	-1.27089
hcs056a02	26254 OPTC	0.371541	0.908133	-1.10116
hcs056a07	10154 PLXNC1	0.764422	0.978098	-1.02239
hcs056b04	92344 GORAB	0.307425	1.9602	1.9602
hcs056b05	23433 RHOQ	0.458675	0.906212	-1.10349
hcs056b08	114804 RNF157	0.485684	1.45089	1.45089
hcs056b09	23075 SWAP70	0.873056	0.977742	-1.02276
hcs056b11	51596 CUTA	0.086335	1.21368	1.21368
hcs056b12	23362 PSD3	0.018958	1.2002	1.2002
hcs056c04	29959 NRBP1	0.790526	1.05183	1.05183
hcs056c06	440253 WHAMML2	0.926076	1.04318	1.04318
hcs056c09		0.122002	1.41726	1.41726
hcs056c12	23085 ERC1	0.792544	0.968143	-1.03291
hcs056d04		0.340187	2.21017	2.21017
hcs056d05	24 ABCA4	0.129543	0.9088	-1.10035
hcs056d09	57534 MIB1	0.067646	0.839052	-1.19182

hcs056d11	56254 RNF20	0.490498	0.879992	-1.13637
hcs056e05	9416 DDX23	0.960513	0.995115	-1.00491
hcs056e06	5837 PYGM	0.84087	1.03433	1.03433
hcs056e08	10550 ARL6IP5	0.884116	1.0118	1.0118
hcs056e09	51426 POLK	0.005537	0.52765	-1.8952
hcs056f05	2335 FN1	0.240772	1.53892	1.53892
hcs056f06	8476 CDC42BPA	0.253501	1.2938	1.2938
hcs056f07	164 AP1G1	0.749195	1.07374	1.07374
hcs056f11	22926 ATF6	0.015869	1.32363	1.32363
hcs056g03	9679 FAM53B	0.412091	1.67127	1.67127
hcs056g05	284996 RNF149	0.529103	1.38179	1.38179
hcs056g06	7419 VDAC3	0.955927	0.987249	-1.01292
hcs056g07	91056 DKFZp761E	0.748817	1.08418	1.08418
hcs056g08	59339 PLEKHA2	0.266186	0.870914	-1.14822
hcs056g09	64897 C12orf43	0.587085	1.15636	1.15636
hcs056h01	894 CCND2	0.105153	0.741836	-1.34801
hcs056h05		0.106077	0.842294	-1.18723
hcs056h06	3745 KCNB1	0.983307	0.995987	-1.00403
hcs056h12	6774 STAT3	0.223285	1.4159	1.4159
hcs057a02	9669 EIF5B	0.00078	0.654702	-1.52741
hcs057a03	64645 HIAT1	0.826338	0.975431	-1.02519
hcs057a06	29957 SLC25A24	0.293035	3.6544	3.6544
hcs057a07	5104 SERPINA5	0.938812	1.05697	1.05697
hcs057a09	5710 PSMD4	0.455826	1.12078	1.12078
hcs057a11	55731 C17orf63	0.12684	0.826667	-1.20968
hcs057b05	1374 CPT1A	0.184596	1.49515	1.49515
hcs057b09	9527 GOSR1	0.781067	0.887196	-1.12715
hcs057b12	26019 UPF2	0.212466	1.18223	1.18223
hcs057c04	54434 SSH1	0.999949	0.99999	-1.00001
hcs057c12		0.897439	1.01602	1.01602
hcs057d04	23174 ZCCHC14	0.117756	0.871046	-1.14804
hcs057d07	1523 CUX1	0.212873	1.21155	1.21155
hcs057d12	10054 UBA2	0.187077	0.919392	-1.08768
hcs057e01	80205 CHD9	0.245544	1.301	1.301
hcs057e04		0.562678	2.76779	2.76779
hcs057e05	84893 FBXO18	0.418744	1.41596	1.41596
hcs057f01	23085 ERC1	0.959903	1.01048	1.01048
hcs057f04		0.451538	1.3677	1.3677
hcs057f05	5997 RGS2	0.431102	1.45757	1.45757
hcs057f06	3661 IRF3	0.701466	1.0947	1.0947
hcs057f09	389831 LOC389831	0.462587	1.28626	1.28626
hcs057g08	23585 TMEM50A	0.335814	1.08112	1.08112
hcs057h01	23091 ZC3H13	0.976198	1.00523	1.00523
hcs057h05	5702 PSMC3	0.916718	0.95364	-1.04861
hcs057h06	4001 LMNB1	0.990616	1.00034	1.00034
hcs057h09	93323 HAUS8	0.692939	0.968963	-1.03203
hcs058a09	103 ADAR	0.914737	1.02965	1.02965

hcs058a10	23033 DOPEY1	0.178932	0.806359	-1.24014
hcs058a11	4698 NDUFA5	0.610376	1.0859	1.0859
hcs058b02	7756 ZNF207	0.763833	0.902779	-1.10769
hcs058b05	9689 BZW1	0.250182	0.70815	-1.41213
hcs058b06	25844 YIPF3	0.465139	1.77747	1.77747
hcs058c06	55000 TUG1	0.760561	1.04479	1.04479
hcs058c11	11316 COPE	0.478496	1.19185	1.19185
hcs058d03	25938 HEATR5A	0.038179	0.696868	-1.43499
hcs058d04		0.125876	1.14895	1.14895
hcs058d06	6938 TCF12	0.4124	1.26356	1.26356
hcs058e03	288 ANK3	0.901189	0.941434	-1.06221
hcs058e09	51374 C2orf28	0.979035	0.993227	-1.00682
hcs058f01	81542 TMX1	0.791774	1.06981	1.06981
hcs058f02	3796 KIF2A	0.298171	0.726429	-1.3766
hcs058f06	23731 C9orf5	0.538023	1.59629	1.59629
hcs058f07	5707 PSMD1	0.102527	0.842231	-1.18732
hcs058f08	7529 YWHAB	0.877966	1.09176	1.09176
hcs058g02	6449 SGTA	0.836705	0.89541	-1.11681
hcs058g03	56922 MCCC1	0.660816	1.31699	1.31699
hcs058g05	256309 CCDC110	0.867283	0.955198	-1.0469
hcs058g08	29117 BRD7	0.842442	0.95835	-1.04346
hcs058h09	56888 KCMF1	0.712522	0.964863	-1.03642
hcs059a07	284129 SLC26A11	0.898925	1.02987	1.02987
hcs059a08	6119 RPA3	0.635671	1.0198	1.0198
hcs059a09	6302 TSPAN31	0.256413	1.43141	1.43141
hcs059b01	7803 PTP4A1	0.534209	0.898922	-1.11244
hcs059b04	2820 GPD2	0.567403	1.12672	1.12672
hcs059b05	56910 STARD7	0.162503	0.856329	-1.16778
hcs059c03	5789 PTPRD	0.306549	1.91846	1.91846
hcs059c05	6386 SDCBP	0.352415	1.36573	1.36573
hcs059c06	55756 INTS9	0.941315	1.04121	1.04121
hcs059c07	51719 CAB39	0.658779	0.957752	-1.04411
hcs059c08	2026 ENO2	0.632937	1.22561	1.22561
hcs059c11	51534 VTA1	0.918697	0.973794	-1.02691
hcs059c12		0.104521	1.34423	1.34423
hcs059d03	50999 TMED5	0.50429	0.973859	-1.02684
hcs059d04	55032 SLC35A5	0.325911	1.0769	1.0769
hcs059d05	2280 FKBP1A	0.153072	0.781969	-1.27882
hcs059d09	2879 GPX4	0.3261	1.05712	1.05712
hcs059e01	8499 PPPIA2	0.028228	0.860089	-1.16267
hcs059e02	9252 RPS6KA5	0.343528	0.902948	-1.10748
hcs059e03	56674 TMEM9B	0.343866	2.14439	2.14439
hcs059e04	55206 SBNO1	0.649718	1.20689	1.20689
hcs059e05		0.879946	1.15257	1.15257
hcs059e08	151742 PPM1L	0.757855	1.27944	1.27944
hcs059e09	54808 DYM	0.453125	1.16896	1.16896
hcs059f01	51029 PPPDE1	0.23238	0.785764	-1.27265

hcs059f02	80139 ZNF703	0.978193	1.00767	1.00767
hcs059f07	56889 TM9SF3	0.405182	0.98626	-1.01393
hcs059f10	54583 EGLN1	0.920794	0.97516	-1.02547
hcs059g01	90806 ANGEL2	0.524457	1.51661	1.51661
hcs059g10	51422 PRKAG2	0.379559	1.66506	1.66506
hcs059g11	80218 NAA50	0.084015	0.72347	-1.38223
hcs059h03	7846 TUBA1A	0.367757	1.2366	1.2366
hcs059h06	65117 RSRC2	0.902934	1.03553	1.03553
hcs059h08	57539 WDR35	0.490821	1.43326	1.43326
hcs059h09	9382 COG1	0.203796	1.16348	1.16348
hcs059h12	3015 H2AFZ	0.112595	0.913702	-1.09445
hcs060a01	643155 C5orf43	0.434682	0.894815	-1.11755
hcs060a02	1716 DGUOK	0.14106	1.50351	1.50351
hcs060a04	5440 POLR2K	0.030693	0.81741	-1.22338
hcs060a07	55187 VPS13D	0.355273	1.19243	1.19243
hcs060a10	54834 GDAP2	0.938901	1.01164	1.01164
hcs060b04	10844 TUBGCP2	0.692247	0.891004	-1.12233
hcs060b11	9685 CLINT1	0.083631	0.77239	-1.29468
hcs060b12	54884 RETSAT	0.38925	1.02666	1.02666
hcs060c02	59339 PLEKHA2	0.61885	1.65856	1.65856
hcs060c03	29941 PKN3	0.229477	1.31338	1.31338
hcs060c04		0.008829	1.09868	1.09868
hcs060c06	90673 PPP1R3E	0.345601	1.61467	1.61467
hcs060c08	5586 PKN2	0.854471	1.01662	1.01662
hcs060c11	115426 UHRF2	0.595804	1.49164	1.49164
hcs060d03	84545 MRPL43	0.474901	0.876266	-1.14121
hcs060e02	4144 MAT2A	0.501375	0.948353	-1.05446
hcs060e05	11001 SLC27A2	0.41409	1.19346	1.19346
hcs060e07	523 ATP6V1A	0.973134	1.00968	1.00968
hcs060e08	10732 TCFL5	0.569477	1.3336	1.3336
hcs060e10	25917 THUMPD3	0.132681	0.894568	-1.11786
hcs060f03	11070 TMEM115	0.402511	1.23525	1.23525
hcs060f04	223 ALDH9A1	0.02119	0.730708	-1.36854
hcs060g03	10936 GPR75	0.569755	0.910491	-1.09831
hcs060g04	57018 CCNL1	0.702886	0.955297	-1.04679
hcs060g12	226 ALDOA	0.011871	0.725654	-1.37807
hcs060h05		0.212153	0.834104	-1.19889
hcs060h08	10445 MCRS1	0.128132	0.869171	-1.15052
hcs060h11	51606 ATP6V1H	0.863793	1.07476	1.07476
hcs061a03	55160 ARHGEF10	0.590842	0.861994	-1.1601
hcs061a05	22955 SCMH1	0.856701	1.05125	1.05125
hcs061a06	26750 RPS6KC1	0.479462	1.3362	1.3362
hcs061a07	9343 EFTUD2	0.148763	0.717916	-1.39292
hcs061a08	65056 GPBP1	0.225794	0.864749	-1.1564
hcs061a11	55744 C7orf44	0.022751	0.728242	-1.37317
hcs061b03	84187 TMEM164	0.867082	0.983835	-1.01643
hcs061b04	9282 MED14	0.296204	0.878851	-1.13785

hcs061b06	8079 MLF2	0.415131	1.10944	1.10944
hcs061c01		0.921612	0.975768	-1.02483
hcs061c03	6787 NEK4	0.036566	0.727638	-1.37431
hcs061c04	6184 RPN1	0.479848	0.925297	-1.08073
hcs061c06	829 CAPZA1	0.073188	0.857539	-1.16613
hcs061c09	80155 NAA15	0.002299	0.571459	-1.74991
hcs061c10	64175 LEPRE1	0.114698	0.864914	-1.15618
hcs061d03	26254 OPTC	0.92564	0.98359	-1.01668
hcs061d04	10155 TRIM28	0.186979	0.835861	-1.19637
hcs061d09	14 AAMP	0.916363	1.00687	1.00687
hcs061d10	83892 KCTD10	0.723267	1.06871	1.06871
hcs061e03	28985 MCTS1	0.250859	0.8299	-1.20496
hcs061e05	9922 IQSEC1	0.42936	0.899155	-1.11216
hcs061e10	613 BCR	0.567312	1.18477	1.18477
hcs061f01	92249 LOC92249	0.539784	1.19451	1.19451
hcs061f02	84188 FAR1	0.199755	0.841052	-1.18899
hcs061f04		0.330201	1.38054	1.38054
hcs061f05	51428 DDX41	0.222049	0.805843	-1.24094
hcs061f06	64324 NSD1	0.68097	1.13476	1.13476
hcs061f07	51646 YPEL5	0.507699	1.2615	1.2615
hcs061g04	57730 ANKRD36B	0.484885	0.962312	-1.03916
hcs061g07	9044 BTAF1	0.245355	0.927629	-1.07802
hcs061g08	84641 HIATL1	0.08256	1.361	1.361
hcs061g09	26020 LRP10	0.913061	0.973752	-1.02696
hcs061h04	5519 PPP2R1B	0.643102	1.05554	1.05554
hcs061h06	3732 CD82	0.246779	1.22962	1.22962
hcs061h07	8266 UBL4A	0.710197	0.890861	-1.12251
hcs061h08	58533 SNX6	0.419738	0.91863	-1.08858
hcs061h11	3093 UBE2K	0.186319	0.867974	-1.15211
hcs061h12		0.289133	1.13159	1.13159
hcs062a04	6294 SAFB	0.550237	0.846183	-1.18178
hcs062a11	9538 EI24	0.043697	0.735449	-1.35971
hcs062b01	8837 CFLAR	0.676527	1.08005	1.08005
hcs062b06	91833 WDR20	0.464861	1.14528	1.14528
hcs062b08	2027 ENO3	0.752373	0.947378	-1.05554
hcs062b11	3188 HNRNPH2	0.002268	0.860165	-1.16257
hcs062c06	7171 TPM4	0.202447	1.05537	1.05537
hcs062c09	6671 SP4	0.946967	0.963441	-1.03795
hcs062c12	2975 GTF3C1	0.209251	0.906986	-1.10255
hcs062d03	5931 RBBP7	0.868411	1.0378	1.0378
hcs062d05	388325 C17orf87	0.41074	1.13472	1.13472
hcs062d08	51164 DCTN4	0.358128	0.933179	-1.07161
hcs062d12	26135 SERBP1	0.003276	0.748321	-1.33632
hcs062e01	5641 LGMN	0.961754	0.997024	-1.00298
hcs062e02		0.491001	0.851675	-1.17416
hcs062e03	8323 FZD6	0.72532	1.12371	1.12371
hcs062e07	2321 FLT1	0.265385	1.3181	1.3181

hcs062f05	6310 ATXN1	0.134248	0.84252	-1.18692
hcs062f06	51390 AIG1	0.448945	1.28361	1.28361
hcs062f07	53615 MBD3	0.69515	1.02077	1.02077
hcs062f08	9361 LONP1	0.225242	1.45437	1.45437
hcs062f09	10284 SAP18	0.574242	0.969981	-1.03095
hcs062f11	23613 ZMYND8	0.855957	1.0325	1.0325
hcs062f12	394 ARHGAP5	0.350147	0.832865	-1.20067
hcs062g01	23511 NUP188	0.350252	1.27977	1.27977
hcs062g02	2308 FOXO1	0.560498	1.49918	1.49918
hcs062g06	280661 EIF1AXP1	0.043275	0.742597	-1.34663
hcs062g07	984 CDK11B	0.769294	1.26073	1.26073
hcs062g08	55629 PNRC2	0.46842	1.19447	1.19447
hcs062g10		0.961048	1.01388	1.01388
hcs062g11	26519 TIMM10	0.646343	0.907165	-1.10234
hcs062g12	91768 CABLES1	0.696125	1.15197	1.15197
hcs062h04		0.951809	0.993254	-1.00679
hcs062h08	5557 PRIM1	0.906007	0.983667	-1.0166
hcs063a03	10395 DLC1	0.147004	0.769287	-1.2999
hcs063a06	30827 CXXC1	0.779334	0.967017	-1.03411
hcs063a07	10313 RTN3	0.170492	1.16311	1.16311
hcs063a08	8519 IFITM1	0.279136	2.11615	2.11615
hcs063a10	1452 CSNK1A1	0.719987	0.942836	-1.06063
hcs063a12	23258 DENND5A	0.503109	0.893333	-1.1194
hcs063b01	7503 XIST	0.55759	0.956958	-1.04498
hcs063b03		0.085405	1.57153	1.57153
hcs063b07	23476 BRD4	0.630357	1.03617	1.03617
hcs063b08	56650 CLDND1	0.008073	1.28888	1.28888
hcs063b09	2264 FGFR4	0.711514	1.18842	1.18842
hcs063b10	7553 ZNF7	0.793362	1.05068	1.05068
hcs063c04	55004 C11orf59	0.964792	0.994873	-1.00515
hcs063c06	80232 WDR26	0.102069	1.31102	1.31102
hcs063c11	55274 PHF10	0.704597	0.971807	-1.02901
hcs063d02	10724 MGEA5	0.281142	0.874979	-1.14288
hcs063d03	64746 ACBD3	0.658011	1.02805	1.02805
hcs063d06	4678 NASP	1.78E-05	0.650527	-1.53722
hcs063d07	2040 STOM	0.333181	1.15296	1.15296
hcs063d09	53343 NUDT9	0.318537	1.11848	1.11848
hcs063d10	8637 EIF4EBP3	0.018759	1.34991	1.34991
hcs063d11	79718 TBL1XR1	0.956485	1.00803	1.00803
hcs063d12	10484 SEC23A	0.247506	0.867953	-1.15214
hcs063e01	10762 NUP50	0.578354	0.917797	-1.08957
hcs063e07	541578 CXorf40B	0.5684	0.879474	-1.13704
hcs063e08	10397 NDRG1	0.986386	1.00487	1.00487
hcs063f06	989 7-Sep	0.039674	0.614794	-1.62656
hcs063f09	8867 SYNJ1	0.366863	0.798479	-1.25238
hcs063g08		0.076938	1.17727	1.17727
hcs063g11	84932 RAB2B	0.12811	1.17858	1.17858

hcs063h05	79876	UBA5	0.015299	0.583445	-1.71396
hcs063h12	84248	FYTTD1	0.030954	0.865084	-1.15596
hcs064a02	9690	UBE3C	0.943156	1.00682	1.00682
hcs064a04	7307	U2AF1	0.016787	0.551275	-1.81398
hcs064a05	23139	MAST2	0.707175	1.08307	1.08307
hcs064a06	26190	FBXW2	0.267251	0.88312	-1.13235
hcs064a10	146223	CMTM4	0.212812	0.880247	-1.13604
hcs064a12	5538	PPT1	0.099772	0.878337	-1.13852
hcs064b01	6733	SRPK2	0.229942	0.860632	-1.16194
hcs064b06	64710	NUCKS1	0.013567	0.784683	-1.2744
hcs064b07	220992	ZNF485	0.846432	1.13566	1.13566
hcs064b09	55207	ARL8B	0.432161	1.13754	1.13754
hcs064c12	6477	SIAH1	0.244072	0.80355	-1.24448
hcs064d03	5713	PSMD7	0.022619	0.795463	-1.25713
hcs064d10	1974	EIF4A2	0.241493	0.909527	-1.09947
hcs064d12	847	CAT	0.023744	0.799589	-1.25064
hcs064e01	51014	TMED7	0.234792	1.28178	1.28178
hcs064e04	59345	GNB4	0.829288	1.05452	1.05452
hcs064e09	57003	CCDC47	0.27098	0.905026	-1.10494
hcs064e12	8533	COPS3	0.753283	1.03818	1.03818
hcs064f01	1466	CSRP2	0.091785	0.728933	-1.37187
hcs064f06	9855	FARP2	0.832039	0.983227	-1.01706
hcs064f10			0.062164	1.2607	1.2607
hcs064f12	55023	PHIP	0.788943	1.02781	1.02781
hcs064g01	1196	CLK2	0.554266	0.896556	-1.11538
hcs064g03	6777	STAT5B	0.188655	1.27405	1.27405
hcs064g05	10000	AKT3	0.031363	1.23124	1.23124
hcs064g06	6128	RPL6	0.16992	1.18926	1.18926
hcs064g09	11078	TRIOBP	0.636513	1.09372	1.09372
hcs064h04	388677	NOTCH2NL	0.560839	0.87017	-1.1492
hcs064h05	8443	GNPAT	0.151585	0.771518	-1.29615
hcs064h09	6392	SDHD	0.015933	0.759547	-1.31657
hcs064h12	2739	GLO1	0.024977	0.849837	-1.1767
hcs065a01	359845	FAM101B	0.870082	0.945791	-1.05732
hcs065a04	83594	NUDT12	0.355272	1.09371	1.09371
hcs065a05	80777	CYB5B	0.080196	0.810121	-1.23438
hcs065b03	79572	ATP13A3	0.750809	0.958977	-1.04278
hcs065b09	10640	EXOC5	0.161949	0.804604	-1.24285
hcs065c06	378938	MALAT1	0.007093	1.23441	1.23441
hcs065c08	55823	VPS11	0.808306	1.09546	1.09546
hcs065c09	9140	ATG12	0.543608	0.912318	-1.09611
hcs065c11	29894	CPSF1	0.969743	0.992303	-1.00776
hcs065d01	11215	AKAP11	0.8997	1.04949	1.04949
hcs065d06	5236	PGM1	0.05013	0.667642	-1.49781
hcs065d07	26277	TINF2	0.851732	0.974199	-1.02648
hcs065d08	7325	UBE2E2	0.391028	0.927969	-1.07762
hcs065d11	8637	EIF4EBP3	0.458734	1.06588	1.06588

hcs065e02	79622	SNRNP25	0.84163	0.927381	-1.07831
hcs065e06	5689	PSMB1	0.002551	0.664998	-1.50376
hcs065e07			0.636503	1.11812	1.11812
hcs065e08	10490	VTI1B	0.870253	0.971501	-1.02934
hcs065e10	938	CD24P4	0.319679	1.16215	1.16215
hcs065e11	292	SLC25A5	0.180562	1.12186	1.12186
hcs065f08	11051	NUDT21	0.012769	0.791314	-1.26372
hcs065f10	85458	DIXDC1	0.042213	1.11362	1.11362
hcs065g05	1783	DYNC1LI2	0.771046	1.03644	1.03644
hcs065g06	55644	OSGEP	0.540364	0.934314	-1.0703
hcs065g08	10927	SPIN1	0.016771	0.835245	-1.19725
hcs065g09	203	AK1	0.331471	1.14122	1.14122
hcs065h02	4705	NDUFA10	0.396704	0.779483	-1.2829
hcs065h09			0.319519	1.11753	1.11753
hcs065h11	4194	MDM4	0.916314	0.983691	-1.01658
hcs066a06	4088	SMAD3	0.885924	0.974515	-1.02615
hcs066a09	8899	PRPF4B	0.61827	0.857145	-1.16666
hcs066a10	9188	DDX21	0.004557	0.755924	-1.32288
hcs066a11	9567	GTPBP1	0.708115	1.08661	1.08661
hcs066b04			0.838064	1.07187	1.07187
hcs066b06	23186	RCOR1	0.690868	1.12605	1.12605
hcs066b12	23468	CBX5	0.000522	1.38341	1.38341
hcs066c03	25821	MTO1	0.477493	0.823926	-1.2137
hcs066c04	9774	BCLAF1	0.023091	0.689614	-1.45009
hcs066c09	396	ARHGDI A	0.61487	1.09897	1.09897
hcs066d01	5500	PPP1CB	0.64328	1.28047	1.28047
hcs066d03	8878	SQSTM1	0.613251	1.14034	1.14034
hcs066d04	64710	NUCKS1	0.019988	0.772563	-1.29439
hcs066d06	9727	RAB11FIP3	0.54293	1.30959	1.30959
hcs066d07	57109	REXO4	0.689237	1.08474	1.08474
hcs066d08	220988	HNRNPA3	0.139201	0.945451	-1.0577
hcs066d09	4205	MEF2A	0.781473	1.02526	1.02526
hcs066e02	3187	HNRNPH1	0.501769	0.902015	-1.10863
hcs066e03	10307	APBB3	0.21981	1.16249	1.16249
hcs066e05	22839	DLGAP4	0.934663	1.03016	1.03016
hcs066e06	79901	CYBRD1	0.378478	1.29544	1.29544
hcs066e11	23039	XPO7	0.001786	0.743241	-1.34546
hcs066f03	9353	SLIT2	0.308073	0.844888	-1.18359
hcs066f05	153222	C5orf41	0.182878	1.30459	1.30459
hcs066g03	6599	SMARCC1	0.174966	0.928577	-1.07692
hcs066g07	10371	SEMA3A	0.066211	0.777591	-1.28602
hcs066g09	79960	PHF17	0.256974	0.951609	-1.05085
hcs066h03	6837	MED22	0.935081	0.993007	-1.00704
hcs066h04	54942	C9orf6	0.904171	1.00833	1.00833
hcs066h08	9013	TAF1C	0.353814	1.4486	1.4486
hcs066h09	5110	PCMT1	0.278867	1.18007	1.18007
hcs066h10			0.131733	0.952019	-1.0504

hcs066h11	115677	NOSTRIN	0.035418	0.807547	-1.23832
hcs067a04	5465	PPARA	0.286333	0.907101	-1.10241
hcs067a06			0.489401	0.945767	-1.05734
hcs067a07	200895	DHFRL1	0.00203	0.749196	-1.33476
hcs067a08	7701	ZNF142	0.002922	0.6702	-1.49209
hcs067a11	5356	PLRG1	0.915284	0.953629	-1.04863
hcs067a12	11137	PWP1	0.096731	0.808482	-1.23689
hcs067b01	9512	PMPCB	0.710678	0.934425	-1.07018
hcs067b03	2058	EPRS	0.059221	0.654696	-1.52743
hcs067b10	322	APBB1	0.171409	1.78873	1.78873
hcs067c04	2348	FOLR1	0.012702	1.69797	1.69797
hcs067c05	8239	USP9X	0.000524	0.660999	-1.51286
hcs067c06	11142	PKIG	0.381399	0.878182	-1.13872
hcs067c07	84298	LLPH	0.290117	1.21514	1.21514
hcs067c09	53349	ZFYVE1	0.4492	1.07014	1.07014
hcs067c12	5164	PDK2	0.037512	1.18952	1.18952
hcs067d02	90987	ZNF251	0.258433	2.47379	2.47379
hcs067d03	9984	THOC1	0.845745	1.05485	1.05485
hcs067d06	282991	BLOC1S2	0.81441	1.02534	1.02534
hcs067d08	6342	SCP2	0.554544	1.26102	1.26102
hcs067d11	146223	CMTM4	0.839394	1.11309	1.11309
hcs067e05	66008	TRAK2	0.506613	1.1835	1.1835
hcs067e06	84224	NBPF3	0.41355	0.869583	-1.14998
hcs067e10	1827	RCAN1	0.357256	1.12656	1.12656
hcs067e12	7265	TTC1	0.002391	0.722313	-1.38444
hcs067f11	1892	ECHS1	0.877284	0.976154	-1.02443
hcs067f12	1112	FOXN3	0.731054	1.09779	1.09779
hcs067g02	6871	TADA2A	0.873142	1.02164	1.02164
hcs067g05	998	CDC42	0.091428	0.894637	-1.11777
hcs067g07	9113	LATS1	0.89719	0.98538	-1.01484
hcs067g12	54205	CYCS	0.021267	0.748382	-1.33622
hcs067h02	50810	HDGFRP3	0.505055	1.35678	1.35678
hcs067h08	8850	KAT2B	0.76583	1.09539	1.09539
hcs067h10	5783	PTPN13	0.413954	1.30305	1.30305
hcs067h12	7514	XPO1	0.007281	0.722318	-1.38443
hcs068a06	57541	ZNF398	0.59456	0.902359	-1.10821
hcs068a12	9114	ATP6V0D1	0.690559	1.06529	1.06529
hcs068b04	55527	FEM1A	0.385039	1.13836	1.13836
hcs068b07	10632	ATP5L	0.216833	0.955528	-1.04654
hcs068b09	55291	PPP6R3	0.942512	1.02353	1.02353
hcs068c03	64397	ZFP106	0.181569	0.769499	-1.29955
hcs068c05	2935	GSPT1	0.063608	0.700316	-1.42793
hcs068c08	25989	ULK3	0.831322	1.03295	1.03295
hcs068c09	9169	SRSF2IP	0.017671	0.760702	-1.31458
hcs068c12	85015	USP45	0.031992	0.77025	-1.29828
hcs068d05	11214	AKAP13	0.779578	1.1413	1.1413
hcs068e01	10424	PGRMC2	0.113631	0.897251	-1.11452

hcs068e08	377 ARF3	0.68941	0.957905	-1.04394
hcs068e12	5433 POLR2D	0.439778	0.950901	-1.05163
hcs068f02	1063 CENPF	0.01212	0.698464	-1.43171
hcs068f04	90864 SPSB3	0.14839	1.23177	1.23177
hcs068f07	55164 SHQ1	0.722594	1.06804	1.06804
hcs068f08	81858 SHARPIN	0.032801	1.62141	1.62141
hcs068f11	5394 EXOSC10	0.960424	0.99677	-1.00324
hcs068f12	2962 GTF2F1	0.768897	1.04214	1.04214
hcs068g04	286451 YIPF6	0.779681	0.961205	-1.04036
hcs068g07	5158 PDE6B	0.852577	0.975873	-1.02472
hcs068g08	11196 SEC23IP	0.576353	0.95395	-1.04827
hcs068g09	5150 PDE7A	0.082126	1.10693	1.10693
hcs068g10	1104 RCC1	0.176743	0.918994	-1.08815
hcs068h02	51652 VPS24	0.937319	0.986636	-1.01355
hcs068h07	4287 ATXN3	0.392461	0.908974	-1.10014
hcs068h08	23469 PHF3	0.039616	0.866659	-1.15386
hcs068h09	9341 VAMP3	0.008215	0.774015	-1.29196
hcs068h10	8678 BECN1	0.219805	1.08737	1.08737
hcs068h11	9218 VAPA	0.710145	1.04967	1.04967
hcs068h12	10491 CRTAP	0.116517	1.0828	1.0828
hcs069a01	51569 UFM1	0.390221	1.1393	1.1393
hcs069a02	8031 NCOA4	0.711797	1.04928	1.04928
hcs069a05	7077 TIMP2	0.076125	1.24469	1.24469
hcs069a08	79447 C16orf53	0.473919	1.31665	1.31665
hcs069a09	5315 PKM2	0.266094	0.890002	-1.12359
hcs069a11	201627 FAM116A	0.9146	0.995421	-1.0046
hcs069b06	54497 HEATR5B	0.000115	0.748551	-1.33591
hcs069b07	2132 EXT2	0.346785	1.23995	1.23995
hcs069b11	4720 NDUFS2	0.049126	0.814129	-1.22831
hcs069c01	54928 IMPAD1	0.803074	1.03295	1.03295
hcs069c05	162993 ZNF846	0.547907	1.18333	1.18333
hcs069c06	11143 MYST2	0.538173	0.975945	-1.02465
hcs069c07	1793 DOCK1	0.410867	1.21753	1.21753
hcs069c08	5709 PSMD3	0.271204	1.2722	1.2722
hcs069c09		0.478137	1.42489	1.42489
hcs069c11	112936 VPS26B	0.538472	1.05138	1.05138
hcs069d05	118 ADD1	0.186201	0.892157	-1.12088
hcs069d07	1112 FOXN3	0.758081	1.18323	1.18323
hcs069d09	30061 SLC40A1	0.949045	1.01119	1.01119
hcs069d10	85315 PAQR8	0.27949	1.20711	1.20711
hcs069d11	2720 GLB1	0.348087	0.881581	-1.13433
hcs069e04	8795 TNFRSF10B	0.041192	1.53958	1.53958
hcs069e07	5080 PAX6	0.689133	1.18013	1.18013
hcs069e08	221154 EFHA1	0.68789	1.16369	1.16369
hcs069e09	4286 MITF	0.803791	1.10722	1.10722
hcs069f03	9070 ASH2L	0.44249	0.93076	-1.07439
hcs069f04	928 CD9	0.48908	1.11704	1.11704

hcs069f06	5585 PKN1	0.984779	1.00507	1.00507
hcs069f07	79827 ASAM	0.789178	1.06076	1.06076
hcs069f08	26276 VPS33B	0.961982	1.00637	1.00637
hcs069f11	30849 PIK3R4	0.359801	0.907624	-1.10178
hcs069g04	7385 UQCRC2	0.155363	0.757575	-1.32
hcs069g09	653689 GSTT2B	0.330512	1.5065	1.5065
hcs069g11	10150 MBNL2	0.725232	1.10523	1.10523
hcs069g12	292 SLC25A5	0.12492	1.08965	1.08965
hcs069h02	6535 SLC6A8	0.858216	0.949309	-1.0534
hcs069h10		0.280847	0.84943	-1.17726
hcs069h11	26046 LTN1	0.921681	1.02044	1.02044
hcs070a01	2034 EPAS1	0.383623	1.52128	1.52128
hcs070a03	23621 BACE1	0.381688	1.24676	1.24676
hcs070a04		0.946116	0.969546	-1.03141
hcs070a07	441376 C8orf85	0.532575	1.33782	1.33782
hcs070a08	56270 WDR45L	0.408898	1.09074	1.09074
hcs070a09	441951 NCRNA002	0.035699	1.85076	1.85076
hcs070a10		0.296933	1.242	1.242
hcs070b01	54952 TRNAU1AP	0.307133	1.06812	1.06812
hcs070b02	51174 TUBD1	0.892762	1.03209	1.03209
hcs070b10	4891 SLC11A2	0.52629	1.07491	1.07491
hcs070b11	79954 NOL10	0.004209	0.637514	-1.56859
hcs070c04	55681 SCYL2	0.983288	0.996247	-1.00377
hcs070c05	64777 RMND5B	0.260625	1.36529	1.36529
hcs070c07	55738 ARFGAP1	0.519774	1.165	1.165
hcs070c08	9277 WDR46	0.941963	0.985813	-1.01439
hcs070c09	57659 ZBTB4	0.406833	1.45256	1.45256
hcs070c10	51433 ANAPC5	0.711097	0.95993	-1.04174
hcs070c12	10772 SRSF10	0.642583	0.924498	-1.08167
hcs070d01	4800 NFYA	0.221295	0.895418	-1.1168
hcs070d02		0.476162	1.13746	1.13746
hcs070d03	57610 RANBP10	0.429714	1.17604	1.17604
hcs070d04	2232 FDXR	0.818879	0.940971	-1.06273
hcs070d05	54505 DHX29	0.804318	1.07737	1.07737
hcs070d08	54532 USP53	0.872152	1.05315	1.05315
hcs070e01	9191 DEDD	0.397294	1.62434	1.62434
hcs070e03	57104 PNPLA2	0.592931	1.2446	1.2446
hcs070e05	54543 TOMM7	0.380234	1.25242	1.25242
hcs070e06	6876 TAGLN	0.672098	0.905237	-1.10468
hcs070e07	5087 PBX1	0.320539	2.16014	2.16014
hcs070e08	145270 PRIMA1	0.383497	1.55543	1.55543
hcs070e09	151987 PPP4R2	0.86071	0.97397	-1.02673
hcs070f01	4212 MEIS2	0.917039	1.02335	1.02335
hcs070f02	10516 FBLN5	0.405172	1.18362	1.18362
hcs070f05	23413 NCS1	0.384312	1.30415	1.30415
hcs070f07	2100 ESR2	0.578357	1.11453	1.11453
hcs070f11	23326 USP22	0.264035	1.09985	1.09985

hcs070f12		0.722089	1.1826	1.1826
hcs070g05	8935 SKAP2	0.577677	0.892856	-1.12
hcs070h03	8237 USP11	0.163709	1.43531	1.43531
hcs070h11	64783 RBM15	0.597436	1.10327	1.10327
hcs071a01	162967 ZNF320	0.561951	1.37098	1.37098
hcs071a04	8925 HERC1	0.550476	1.19931	1.19931
hcs071a09	5327 PLAT	0.919456	1.01937	1.01937
hcs071a10	162073 ITPRIPL2	0.143283	1.12875	1.12875
hcs071b01	1495 CTNNA1	0.588005	0.937853	-1.06627
hcs071b07	977 CD151	0.858619	0.97413	-1.02656
hcs071b08	84888 SPPL2A	0.07029	1.25989	1.25989
hcs071b09	54165 DCUN1D1	0.23814	1.29558	1.29558
hcs071b10	221477 C6orf89	0.053782	1.34821	1.34821
hcs071b12	51125 GOLGA7	0.206093	1.05564	1.05564
hcs071c03	7296 TXNRD1	0.359233	1.27204	1.27204
hcs071c08	29992 PILRA	0.3888	1.15651	1.15651
hcs071c09	4638 MYLK	0.331541	0.886333	-1.12824
hcs071d03	643641 ZNF862	0.721011	1.0381	1.0381
hcs071d05	10989 IMMT	0.384132	0.857448	-1.16625
hcs071d07	51060 TXNDC12	0.415694	0.91421	-1.09384
hcs071d08	4218 RAB8A	0.004404	0.826399	-1.21007
hcs071d09	90121 TSR2	0.081162	1.15661	1.15661
hcs071e01	1635 DCTD	0.239747	0.851384	-1.17456
hcs071e04	655 BMP7	0.362179	1.11535	1.11535
hcs071e08	7220 TRPC1	0.017213	1.40456	1.40456
hcs071e11	64397 ZFP106	0.618636	1.05216	1.05216
hcs071e12		0.013662	0.806683	-1.23964
hcs071f05	89910 UBE3B	0.679734	1.24144	1.24144
hcs071f09		0.442187	1.1326	1.1326
hcs071f10	2539 G6PD	0.453807	0.860826	-1.16167
hcs071f12	11273 ATXN2L	0.931831	0.992006	-1.00806
hcs071g01	149986 LSM14B	0.014163	0.806222	-1.24035
hcs071g04		0.240571	1.27835	1.27835
hcs071g06	10954 PDIA5	0.829463	1.02631	1.02631
hcs071g07	2100 ESR2	0.877014	1.02019	1.02019
hcs071g11	10443 N4BP2L2	0.087009	1.06568	1.06568
hcs071h09	23102 TBC1D2B	0.28808	1.91995	1.91995
hcs071h10	9913 SUPT7L	0.084629	1.26796	1.26796
hcs072a06	8661 EIF3A	0.035334	0.765102	-1.30702
hcs072a10	80381 CD276	0.516883	1.10616	1.10616
hcs072a12	4756 NEO1	0.836086	1.07174	1.07174
hcs072b04	5998 RGS3	0.036235	0.715066	-1.39847
hcs072b07	84300 C6orf125	0.337658	1.48057	1.48057
hcs072b09	84268 RPAIN	0.977407	0.996815	-1.0032
hcs072b11	55661 DDX27	0.086002	0.803849	-1.24401
hcs072c02	4253 CTAGE5	0.534047	1.10784	1.10784
hcs072c03	10152 ABI2	0.230433	0.838188	-1.19305

hcs072c05	51559 NT5DC3	0.986524	1.00205	1.00205
hcs072c10		0.036366	0.763743	-1.30934
hcs072d05	55870 ASH1L	0.346911	1.32026	1.32026
hcs072d06	10055 SAE1	0.245796	0.808826	-1.23636
hcs072d08	25979 DHRS7B	0.990423	0.997762	-1.00224
hcs072d10	9270 ITGB1BP1	0.629057	1.24581	1.24581
hcs072e03	58508 MLL3	0.737463	1.06457	1.06457
hcs072e08	10664 CTCF	0.663509	0.93174	-1.07326
hcs072f03	57634 EP400	0.662763	0.870345	-1.14897
hcs072f08	9632 SEC24C	0.755299	1.11543	1.11543
hcs072f12		0.377329	1.14896	1.14896
hcs072g07	9100 USP10	0.539543	0.875912	-1.14167
hcs072g10	9456 HOMER1	0.124781	0.746048	-1.3404
hcs072h02	10513 APPBP2	0.240258	1.26658	1.26658
hcs072h09	54537 FAM35A	0.090326	0.842977	-1.18627
hcs072h11		0.474547	1.16981	1.16981
hcs073a02	3643 INSR	0.02821	1.24571	1.24571
hcs073a03	7629 ZNF76	0.457897	1.19731	1.19731
hcs073a07	65082 VPS33A	0.294246	1.07132	1.07132
hcs073a08	5257 PHKB	0.017727	0.849779	-1.17678
hcs073a09	5531 PPP4C	0.386729	1.15566	1.15566
hcs073b04	80896 NPL	0.904621	0.955858	-1.04618
hcs073b05		0.178932	1.24039	1.24039
hcs073b07	51247 PAIP2	0.887397	1.04968	1.04968
hcs073b08	55298 RNF121	0.618879	1.73268	1.73268
hcs073b09	79364 ZXDC	0.060924	0.944503	-1.05876
hcs073b10	114821 SCAND3	0.749432	1.25734	1.25734
hcs073b12	5080 PAX6	0.407535	1.08413	1.08413
hcs073c04	444 ASPH	0.609746	1.22556	1.22556
hcs073c05	27131 SNX5	0.118469	0.785144	-1.27365
hcs073c07	7412 VCAM1	0.645955	1.39018	1.39018
hcs073c08	9962 SLC23A2	0.28704	2.98299	2.98299
hcs073c10	5018 OXA1L	0.607101	1.05308	1.05308
hcs073c11	4026 LPP	0.908257	0.981981	-1.01835
hcs073d02	27031 NPHP3	0.453095	1.31237	1.31237
hcs073d06	55660 PRPF40A	0.878799	0.971134	-1.02972
hcs073d07	64781 CERK	0.421241	1.55998	1.55998
hcs073d09	4323 MMP14	0.396373	1.87952	1.87952
hcs073d10	8322 FZD4	0.801897	1.27963	1.27963
hcs073e02	23580 CDC42EP4	0.607655	1.13715	1.13715
hcs073e07	9868 TOMM70A	0.592571	1.40982	1.40982
hcs073e10	5708 PSMD2	0.788337	1.014	1.014
hcs073e11	6426 SRSF1	0.019535	0.775734	-1.2891
hcs073e12	4850 CNOT4	0.981759	1.0033	1.0033
hcs073f01	11282 MGAT4B	0.365646	4.22503	4.22503
hcs073f02	26058 GIGYF2	0.186787	1.24584	1.24584
hcs073f04		0.905098	0.961667	-1.03986

hcs073f05	23181 DIP2A	0.441667	1.28749	1.28749
hcs073f07	830 CAPZA2	0.63777	1.19424	1.19424
hcs073f11	79720 VPS37B	0.619286	1.21407	1.21407
hcs073g03	26173 INTS1	0.498578	1.25931	1.25931
hcs073g06	10473 HMGN4	0.26927	1.90316	1.90316
hcs073g08		0.288655	3.34069	3.34069
hcs073g09	1192 CLIC1	0.502014	1.10083	1.10083
hcs073g11	8216 LZTR1	0.128458	1.27457	1.27457
hcs073g12	6821 SUOX	0.662765	1.16646	1.16646
hcs073h01	57179 KIAA1191	0.0183	1.25728	1.25728
hcs073h02		0.018968	1.47093	1.47093
hcs073h04	728621 CCDC30	0.663944	0.848818	-1.17811
hcs073h05	828 CAPS	0.106532	1.19272	1.19272
hcs073h08	3654 IRAK1	0.657439	1.1598	1.1598
hcs073h12	214 ALCAM	0.659039	1.32734	1.32734
hcs074a01	64943 NT5DC2	0.700845	0.866675	-1.15384
hcs074a02	55000 TUG1	0.933181	1.01216	1.01216
hcs074a04	25909 AHCTF1	0.09311	0.77048	-1.29789
hcs074a07	284611 FAM102B	0.549853	0.80283	-1.24559
hcs074b03	22909 FAN1	0.594791	1.03932	1.03932
hcs074b05	8894 EIF2S2	0.008913	0.642254	-1.55702
hcs074c04	729082 LOC729082	0.52943	1.08373	1.08373
hcs074c06	6648 SOD2	0.704045	0.946631	-1.05638
hcs074d03	6396 SEC13	0.334131	0.860308	-1.16237
hcs074d06	10216 PRG4	0.557283	1.22302	1.22302
hcs074d08		0.747179	1.0914	1.0914
hcs074d09	91869 RFT1	0.571684	1.03581	1.03581
hcs074d11	23161 SNX13	0.943479	1.00888	1.00888
hcs074d12	6499 SKIV2L	0.200927	1.30672	1.30672
hcs074e01	5978 REST	0.412137	1.05371	1.05371
hcs074e02	1362 CPD	0.989794	0.997822	-1.00218
hcs074e05	55837 EAPP	0.444873	1.23768	1.23768
hcs074e06	5257 PHKB	0.607032	1.19213	1.19213
hcs074e09	678 ZFP36L2	0.138943	1.14072	1.14072
hcs074f04	3340 NDST1	0.069837	0.810608	-1.23364
hcs074f11	147929 ZNF565	0.200179	0.780032	-1.282
hcs074g01	55112 WDR60	0.27397	1.32347	1.32347
hcs074g04	3964 LGALS8	0.747522	0.935562	-1.06888
hcs074g05	284996 RNF149	0.785795	1.21355	1.21355
hcs074g07		0.405925	0.832246	-1.20157
hcs074g08	808 CALM3	0.228722	1.07955	1.07955
hcs074h02	6814 STXBP3	0.826735	1.02337	1.02337
hcs074h09	54676 GTPBP2	0.176067	1.36276	1.36276
hcs075a01	54978 C2orf18	0.956101	0.983242	-1.01704
hcs075a05	163081 ZNF567	0.648938	0.940328	-1.06346
hcs075a09	6229 RPS24	0.102877	0.905832	-1.10396
hcs075b01	172 AFG3L1P	0.846009	1.02088	1.02088

hcs075b02	9752	PCDHA9	0.557734	1.24516	1.24516
hcs075b03	143888	KDELC2	0.696371	0.967817	-1.03325
hcs075b05			0.927872	0.978867	-1.02159
hcs075c02	205428	C3orf58	0.403944	0.92871	-1.07676
hcs075c03	22847	ZNF507	0.733822	0.881791	-1.13406
hcs075c05	23253	ANKRD12	0.99415	1.00237	1.00237
hcs075c06	391267	C21orf81	0.614218	1.22632	1.22632
hcs075c08	286451	YIPF6	0.333647	0.92307	-1.08334
hcs075c10	56894	AGPAT3	0.140161	1.19854	1.19854
hcs075d04	5977	DPF2	0.079362	1.32959	1.32959
hcs075d06			0.828998	1.03247	1.03247
hcs075d07	6397	SEC14L1	0.863779	1.0125	1.0125
hcs075d08	64792	RABL5	0.890928	0.98344	-1.01684
hcs075d10	23499	MACF1	0.622507	1.46006	1.46006
hcs075d11	85002	FAM86B1	0.059601	0.874026	-1.14413
hcs075e02	8520	HAT1	0.056328	0.85012	-1.1763
hcs075e04	80762	NDFIP1	0.092653	0.782705	-1.27762
hcs075e06	164832	LONRF2	0.997649	1.00117	1.00117
hcs075e07	144438	LOC144438	0.426264	0.892873	-1.11998
hcs075e08	51465	UBE2J1	0.054203	1.04002	1.04002
hcs075e11	202	AIM1	0.819519	0.924485	-1.08168
hcs075f05	9445	ITM2B	0.94203	1.02202	1.02202
hcs075f06	80020	FOXRED2	0.032344	0.705415	-1.41761
hcs075f09	54872	PIGG	0.876693	1.01328	1.01328
hcs075g02	801	CALM1	0.001169	0.698336	-1.43198
hcs075g03	29801	ZDHHC8	0.427241	1.11703	1.11703
hcs075g05	22927	HABP4	0.424853	1.54563	1.54563
hcs075g07	1106	CHD2	0.702404	1.16498	1.16498
hcs075g09	23092	ARHGAP26	0.048455	1.51781	1.51781
hcs075g10	22900	CARD8	0.016795	0.850358	-1.17598
hcs075g11	5080	PAX6	0.530999	0.941057	-1.06263
hcs075h06	64856	VWA1	0.257629	1.65755	1.65755
hcs075h07	6396	SEC13	0.363821	0.827303	-1.20875
hcs075h11	5862	RAB2A	0.170986	0.840405	-1.1899
hcs076a03	79572	ATP13A3	0.037669	0.595918	-1.67808
hcs076a04	29904	EEF2K	0.373419	0.822496	-1.21581
hcs076a06	26031	OSBPL3	0.645167	1.20268	1.20268
hcs076b02	9079	LDB2	0.03332	0.674323	-1.48297
hcs076b11	1982	EIF4G2	0.002889	0.661289	-1.5122
hcs076b12	79009	DDX50	0.514268	0.92255	-1.08395
hcs076c03	7532	YWHAG	0.052562	0.632152	-1.5819
hcs076c09	22902	RUFY3	0.280954	0.945147	-1.05804
hcs076c11	57325	CSRP2BP	0.379734	0.86633	-1.15429
hcs076c12	57156	TMEM63C	0.917775	1.01631	1.01631
hcs076d04	8324	FZD7	0.53317	1.30653	1.30653
hcs076d05	467	ATF3	0.884977	0.987186	-1.01298
hcs076d06	3417	IDH1	0.886338	1.00901	1.00901

hcs076d07	51660 BRP44L	0.452695	0.898458	-1.11302
hcs076d09	1653 DDX1	0.837668	1.0261	1.0261
hcs076e01	7533 YWHAH	0.325696	0.906515	-1.10313
hcs076e06	7155 TOP2B	0.204164	0.796259	-1.25587
hcs076e08	11017 SNRNP27	0.215912	0.811172	-1.23278
hcs076e10	79832 QSER1	0.086498	0.77759	-1.28602
hcs076e12	9569 GTF2IRD1	0.416002	1.45028	1.45028
hcs076f01	7582 ZNF33B	0.000314	1.62298	1.62298
hcs076f06	84337 ELOF1	0.480468	0.843533	-1.18549
hcs076f07	7327 UBE2G2	0.053205	0.691253	-1.44665
hcs076f08	4093 SMAD9	0.122007	0.779623	-1.28267
hcs076f09	51388 NIP7	0.937483	1.01745	1.01745
hcs076f10	283450 C12orf51	0.178376	1.80384	1.80384
hcs076f12	10250 SRRM1	0.008093	0.809382	-1.23551
hcs076g01	64429 ZDHHC6	0.571055	0.883812	-1.13146
hcs076g04	54930 HAUS4	0.621104	1.12162	1.12162
hcs076g05	151613 TTC14	0.618454	0.917106	-1.09039
hcs076g07	10866 HCP5	0.69771	0.953449	-1.04882
hcs076g11	4179 CD46	0.94559	1.01052	1.01052
hcs076g12	157567 ANKRD46	0.01181	0.611132	-1.63631
hcs076h03	5595 MAPK3	0.516084	1.23716	1.23716
hcs076h09	27241 BBS9	0.959794	1.01559	1.01559
hcs076h10	5932 RBBP8	0.335521	0.824144	-1.21338
hcs076h11	51148 CERCAM	0.608488	1.29502	1.29502
hcs076h12	22872 SEC31A	0.702527	0.974791	-1.02586
hcs077a01		0.628149	1.54036	1.54036
hcs077a02	123 PLIN2	0.348734	1.49387	1.49387
hcs077a05	5563 PRKAA2	0.342864	1.80273	1.80273
hcs077a07		0.59299	1.43355	1.43355
hcs077a08	9295 SRSF11	0.474434	1.3314	1.3314
hcs077a10	23142 DCUN1D4	0.797154	1.05897	1.05897
hcs077b02		0.559915	0.859311	-1.16372
hcs077b03	55611 OTUB1	0.085871	1.10925	1.10925
hcs077b05		0.027113	1.29261	1.29261
hcs077b06	25854 FAM149A	0.44362	1.58585	1.58585
hcs077b07	26049 FAM169A	0.807055	1.08515	1.08515
hcs077b08	6629 SNRPB2	0.097307	0.789836	-1.26609
hcs077b11	6470 SHMT1	0.354698	1.1654	1.1654
hcs077b12	57820 CCNB1IP1	0.313283	1.35727	1.35727
hcs077c05	23331 TTC28	0.085988	1.27509	1.27509
hcs077c07	64800 EFCAB6	0.977313	0.993313	-1.00673
hcs077c08		0.266007	3.64622	3.64622
hcs077c11	9989 PPP4R1	0.03058	1.18906	1.18906
hcs077d01	23158 TBC1D9	0.251868	1.3132	1.3132
hcs077d02	23623 RUSC1	0.064604	1.63206	1.63206
hcs077d03	79689 STEAP4	0.870014	1.06421	1.06421
hcs077d04	7503 XIST	0.376979	0.909261	-1.09979

hcs077d06	8073	PTP4A2	0.367095	1.14735	1.14735
hcs077d07			0.521295	1.3782	1.3782
hcs077d08	5906	RAP1A	0.868082	1.13772	1.13772
hcs077d09	54682	MANSC1	0.495171	1.36078	1.36078
hcs077d11			0.412288	1.25125	1.25125
hcs077e01	81631	MAP1LC3B	0.113399	0.853308	-1.17191
hcs077e02	57472	CNOT6	0.162589	0.845257	-1.18307
hcs077e05	27430	MAT2B	0.377966	0.860815	-1.16169
hcs077e11	256691	MAMDC2	0.115464	1.3569	1.3569
hcs077f02	23213	SULF1	0.62664	1.45773	1.45773
hcs077f05	83860	TAF3	0.881693	1.0316	1.0316
hcs077f10	10248	POP7	0.480553	1.24193	1.24193
hcs077g01	5728	PTEN	0.684039	1.14471	1.14471
hcs077g04	1363	CPE	0.11777	1.2787	1.2787
hcs077g06	29882	ANAPC2	0.617006	1.15732	1.15732
hcs077g10	339044	PKD1P1	0.050061	1.31091	1.31091
hcs077g11	7525	YES1	0.962474	1.01213	1.01213
hcs077h01	641977	SEPT7P2	0.015945	0.629155	-1.58943
hcs077h02	11215	AKAP11	0.620852	1.71915	1.71915
hcs077h04			0.57758	1.10426	1.10426
hcs077h06	4205	MEF2A	0.2821	1.29586	1.29586
hcs077h07	10505	SEMA4F	0.85531	0.945814	-1.05729
hcs077h08	4928	NUP98	0.746694	1.04191	1.04191
hcs078a03	5073	PARN	0.418562	1.51659	1.51659
hcs078a05	23352	UBR4	0.033739	1.52698	1.52698
hcs078a08	51368	TEX264	0.328847	1.7383	1.7383
hcs078a09	427	ASAH1	0.392084	1.92565	1.92565
hcs078a11	2180	ACSL1	0.658073	1.49189	1.49189
hcs078b03	4958	OMD	0.362845	2.16771	2.16771
hcs078b04	23399	CTDNEP1	0.128992	1.43679	1.43679
hcs078b05	25943	C20orf194	0.407577	1.43245	1.43245
hcs078b06	29920	PYCR2	0.269712	1.12847	1.12847
hcs078b07	5332	PLCB4	0.368863	0.881303	-1.13468
hcs078b09	79047	KCTD15	0.562625	1.28161	1.28161
hcs078c09	3106	HLA-B	0.023317	1.614	1.614
hcs078c11	22820	COPG	0.96173	1.00459	1.00459
hcs078d01	89853	FAM125B	0.985068	1.01049	1.01049
hcs078d09	2805	GOT1	0.669699	1.53337	1.53337
hcs078d11	51116	MRPS2	0.653536	0.875398	-1.14234
hcs078e03	8396	PIP4K2B	0.135992	1.13919	1.13919
hcs078e08	157	ADRBK2	0.375633	1.26551	1.26551
hcs078f01			0.956518	1.03084	1.03084
hcs078f02	26266	SLC13A4	0.847932	1.09875	1.09875
hcs078f04	9782	MATR3	0.039305	0.605664	-1.65108
hcs078f05	6430	SRSF5	0.234789	1.22176	1.22176
hcs078f06	1488	CTBP2	0.006705	1.17308	1.17308
hcs078f08	64318	NOC3L	0.887752	1.06127	1.06127

hcs078f09		0.682606	1.59341	1.59341
hcs078f10	7181 NR2C1	0.558472	1.32351	1.32351
hcs078f11	2969 GTF2I	0.888097	1.10851	1.10851
hcs078f12	57604 C8orf79	0.833948	1.19141	1.19141
hcs078g02	5613 PRKX	0.911282	0.970768	-1.03011
hcs078g05	10898 CPSF4	0.608145	1.37955	1.37955
hcs078g11	4722 NDUFS3	0.306908	0.918313	-1.08895
hcs078h02	5447 POR	0.172907	1.1844	1.1844
hcs078h05	51566 ARMCX3	0.102569	1.73675	1.73675
hcs078h08	23474 ETHE1	0.731426	1.32595	1.32595
hcs079a01	4259 MGST3	0.531931	0.909777	-1.09917
hcs079a02	996 CDC27	0.03581	0.722593	-1.3839
hcs079a05	53938 PPIL3	0.774659	1.06823	1.06823
hcs079a06	3181 HNRNPA2B	0.003606	0.68772	-1.45408
hcs079a07	64598 MOSPD3	0.943071	1.00215	1.00215
hcs079a10	8767 RIPK2	0.95497	1.01151	1.01151
hcs079a11	11164 NUDT5	0.353132	1.18601	1.18601
hcs079b07	90933 TRIM41	0.857504	1.05945	1.05945
hcs079b09	23244 PDS5A	0.043709	0.870378	-1.14893
hcs079b12	79665 DHX40	0.063755	0.869999	-1.14943
hcs079c05	3106 HLA-B	0.307058	1.28448	1.28448
hcs079c12	51274 KLF3	0.09286	0.757536	-1.32007
hcs079d01	3151 HMGN2	0.040991	0.894773	-1.1176
hcs079d06	55333 SYNJ2BP	0.818118	0.972001	-1.02881
hcs079d09		0.65726	1.10188	1.10188
hcs079d11	55861 DBNDD2	0.978683	0.991553	-1.00852
hcs079e02	10150 MBNL2	0.762872	0.963612	-1.03776
hcs079e04	5562 PRKAA1	0.040421	0.807599	-1.23824
hcs079e07	26037 SIPA1L1	0.710124	1.10647	1.10647
hcs079e08	65123 INTS3	0.045843	1.21937	1.21937
hcs079f02	5784 PTPN14	0.992623	1.00155	1.00155
hcs079f03	23165 NUP205	0.235181	0.900178	-1.11089
hcs079f04	55596 ZCCHC8	0.607211	0.971728	-1.02909
hcs079f06	25957 SFRS18	0.37644	1.37368	1.37368
hcs079f10	54468 MIOS	0.231913	0.699831	-1.42892
hcs079f12	317649 EIF4E3	0.718197	1.15988	1.15988
hcs079g04	200942 KLHDC8B	0.575282	1.08356	1.08356
hcs079g10	9646 CTR9	0.029004	0.755745	-1.3232
hcs079h02	56204 KIAA1370	0.01103	0.740848	-1.3498
hcs079h03	1147 CHUK	0.169449	0.886357	-1.12821
hcs079h05		0.599781	1.28656	1.28656
hcs079h07	22808 MRAS	0.588992	1.04804	1.04804
hcs079h08	56034 PDGFC	0.438651	1.34534	1.34534
hcs079h12	4140 MARK3	0.348808	0.946382	-1.05666
hcs080a02	80335 WDR82	0.54092	0.858416	-1.16494
hcs080a03	1615 DARS	0.12532	0.733908	-1.36257
hcs080a05	23394 ADNP	0.742368	1.06328	1.06328

hcs080a06	10212 DDX39	0.596258	0.826504	-1.20992
hcs080a07	90139 TSPAN18	0.992376	1.00238	1.00238
hcs080b06	7443 VRK1	0.089281	0.753509	-1.32712
hcs080b09	9587 MAD2L1BP	0.584617	1.25531	1.25531
hcs080c08	10098 TSPAN5	0.730753	1.04944	1.04944
hcs080c11	7319 UBE2A	0.760004	0.952945	-1.04938
hcs080d04	302 ANXA2	0.873967	1.01249	1.01249
hcs080d07		0.006611	0.757358	-1.32038
hcs080d09	123606 NIPA1	0.904547	1.01856	1.01856
hcs080d12	252839 TMEM9	0.05191	1.29018	1.29018
hcs080e02	6810 STX4	0.191271	1.12052	1.12052
hcs080e06	26057 ANKRD17	0.918037	0.985527	-1.01469
hcs080e11	7323 UBE2D3	0.047329	0.848898	-1.178
hcs080e12		0.973137	0.993255	-1.00679
hcs080f04	4774 NFIA	0.349523	1.35249	1.35249
hcs080f06	5566 PRKACA	0.493197	1.09173	1.09173
hcs080f10	57120 GOPC	0.867419	1.03787	1.03787
hcs080g01	25904 CNOT10	0.416819	0.958937	-1.04282
hcs080g05	23384 SPECC1L	0.469145	0.814655	-1.22751
hcs080h02	57018 CCNL1	0.156595	0.849759	-1.1768
hcs080h03	7469 WHSC2	0.35211	1.12442	1.12442
hcs080h05	27304 MOCS3	0.341371	0.931459	-1.07358
hcs080h06	10949 HNRNPA0	0.521875	1.24293	1.24293
hcs080h07		0.766338	0.938942	-1.06503
hcs080h12	55102 ATG2B	0.392616	1.13382	1.13382
hcs081a06		0.42384	0.87736	-1.13978
hcs081a08	1355 COX15	0.001692	0.698586	-1.43146
hcs081b06	689 BTF3	0.727837	1.01882	1.01882
hcs081c01	55017 C14orf119	0.657525	0.946743	-1.05625
hcs081c03	5685 PSMA4	0.349624	0.82634	-1.21016
hcs081c06	7552 ZNF711	0.622077	0.914154	-1.09391
hcs081d03	55802 DCP1A	0.813372	1.05696	1.05696
hcs081d07	390 RND3	0.832604	0.980539	-1.01985
hcs081e04	2965 GTF2H1	0.544225	1.21022	1.21022
hcs081e05	3157 HMGCS1	0.860163	1.05719	1.05719
hcs081e07	3930 LBR	0.996089	0.998982	-1.00102
hcs081f01	84859 LRCH3	0.290925	1.42018	1.42018
hcs081f04	79677 SMC6	0.793449	0.952681	-1.04967
hcs081g03	112495 GTF3C6	0.781228	1.08781	1.08781
hcs081g06	8496 PPFBP1	0.894004	1.04645	1.04645
hcs081g07	51000 SLC35B3	0.118217	1.18498	1.18498
hcs081g08	23446 SLC44A1	0.224196	0.806809	-1.23945
hcs081h09		0.368694	0.891772	-1.12136
hcs081h10	5093 PCBP1	0.790467	1.0602	1.0602
hcs082a04	79602 ADIPOR2	0.788193	0.921448	-1.08525
hcs082a06	23398 PPWD1	0.503859	0.877653	-1.1394
hcs082a09		0.952776	1.00621	1.00621

hcs082a10	51075	TMX2	0.020116	0.752629	-1.32868
hcs082a12	57038	RARS2	0.028497	0.63548	-1.57361
hcs082b12	55081	IFT57	0.007385	0.668171	-1.49662
hcs082c03	9749	PHACTR2	0.641228	0.821903	-1.21669
hcs082c05	5868	RAB5A	0.373703	0.791286	-1.26377
hcs082d08	10614	HEXIM1	0.393206	1.96299	1.96299
hcs082d09	51234	TMEM85	0.707066	1.23286	1.23286
hcs082e05	9322	TRIP10	0.107067	1.35492	1.35492
hcs082f01	7284	TUFM	0.972769	1.01056	1.01056
hcs082f05	51504	TRMT112	0.759819	0.917143	-1.09034
hcs082f06	201163	FLCN	0.572668	1.22492	1.22492
hcs082f10	5099	PCDH7	0.924787	1.03901	1.03901
hcs082f11	128338	DRAM2	0.884906	1.05224	1.05224
hcs082g02	9203	ZMYM3	0.512436	0.795046	-1.25779
hcs082g06	6722	SRF	0.793193	1.11206	1.11206
hcs082g08	257415	FAM133B	0.508048	0.880444	-1.13579
hcs082g09	7423	VEGFB	0.676277	1.09566	1.09566
hcs082g10	10461	MERTK	0.565968	1.20519	1.20519
hcs082h05	55749	CCAR1	0.26368	0.753231	-1.32761
hcs082h08	403	ARL3	0.652395	1.29049	1.29049
hcs082h09	23383	MAU2	0.452944	1.69935	1.69935
hcs083a05	9344	TAOK2	0.136497	0.784279	-1.27506
hcs083a08	114757	CYGB	0.261907	1.05882	1.05882
hcs083a11	123803	NTAN1	0.595173	0.944548	-1.05871
hcs083a12	95	ACY1	0.928491	0.981904	-1.01843
hcs083b03	84836	ABHD14B	0.167878	0.839628	-1.191
hcs083b04			0.105342	1.5486	1.5486
hcs083b06	10421	CD2BP2	0.29611	1.16924	1.16924
hcs083b08	1312	COMT	0.403321	0.910583	-1.0982
hcs083b11	51586	MED15	0.056705	1.56976	1.56976
hcs083c01	84312	BRMS1L	0.412437	0.907793	-1.10157
hcs083c03	84418	C5orf32	0.461928	1.07193	1.07193
hcs083c07	57136	C20orf3	0.026221	0.859586	-1.16335
hcs083c08	51524	TMEM138	0.248279	0.934924	-1.06961
hcs083d03	10327	AKR1A1	0.707645	1.12994	1.12994
hcs083d04			0.281781	0.871339	-1.14766
hcs083d09	57017	COQ9	0.54325	1.11109	1.11109
hcs083e02	55486	PARL	0.831274	0.971071	-1.02979
hcs083e04	5999	RGS4	0.972603	1.01256	1.01256
hcs083e08	29115	SAP30BP	0.646733	0.971476	-1.02936
hcs083f07	8666	EIF3G	0.814362	1.01529	1.01529
hcs083f09	138716	C9orf23	0.335465	1.14705	1.14705
hcs083g01	23130	ATG2A	0.33781	0.9144	-1.09361
hcs083g05	81887	LAS1L	0.013952	0.817831	-1.22275
hcs083g09	6604	SMARCD3	0.292476	1.29818	1.29818
hcs083g10	23195	MDN1	0.710021	1.03719	1.03719
hcs083h03	7328	UBE2H	0.985958	1.00494	1.00494

hcs083h10	10452 TOMM40	0.219761	0.800478	-1.24925
hcs084a01	56965 PARP6	0.641712	1.11606	1.11606
hcs084a05	57222 ERGIC1	0.555941	1.16285	1.16285
hcs084a07	1983 EIF5	0.945781	1.00997	1.00997
hcs084a11	55709 KBTBD4	0.137433	1.15459	1.15459
hcs084b08	119504 ANAPC16	0.501957	1.10626	1.10626
hcs084b09	4522 MTHFD1	0.409811	0.947999	-1.05485
hcs084b10	29068 ZBTB44	0.015715	1.28561	1.28561
hcs084c04	57132 CHMP1B	0.354695	1.36281	1.36281
hcs084c05	201254 STRA13	0.066418	0.920633	-1.08621
hcs084c08	3159 HMGA1	0.649997	1.06505	1.06505
hcs084c09		0.828994	0.962143	-1.03935
hcs084c10	55092 TMEM51	0.438161	1.28096	1.28096
hcs084c12	23435 TARDBP	0.214856	1.24374	1.24374
hcs084d05	64122 FN3K	0.96984	1.00557	1.00557
hcs084d08	22930 RAB3GAP1	0.152121	1.48653	1.48653
hcs084d11	51128 SAR1B	0.479365	1.09283	1.09283
hcs084d12	79877 DCAKD	0.557214	1.00744	1.00744
hcs084e01	5694 PSMB6	0.303425	0.939119	-1.06483
hcs084e03		0.632069	0.969807	-1.03113
hcs084e04	83667 SESN2	0.146942	1.17827	1.17827
hcs084e05	65265 C8orf33	0.676585	0.947245	-1.05569
hcs084e09	8818 DPM2	0.46637	1.04627	1.04627
hcs084e10	55904 MLL5	0.54587	0.970514	-1.03038
hcs084f02	3055 HCK	0.085809	1.56731	1.56731
hcs084f05	7251 TSG101	0.796535	0.946151	-1.05691
hcs084f07	55766 H2AFJ	0.425641	0.967335	-1.03377
hcs084f09	3421 IDH3G	0.667248	1.04246	1.04246
hcs084g01	51065 RPS27L	0.100894	0.81461	-1.22758
hcs084g03	122961 ISCA2	0.327046	1.38146	1.38146
hcs084g05	51079 NDUFA13	0.416673	1.401	1.401
hcs084g09	8086 AAAS	0.785125	1.04536	1.04536
hcs084g12	55702 CCDC94	0.420967	1.08188	1.08188
hcs084h05	10101 NUBP2	0.796441	1.05919	1.05919
hcs084h06	3454 IFNAR1	0.099186	1.63788	1.63788
hcs084h09		0.747655	0.936733	-1.06754
hcs084h11	286262 TPRN	0.748555	1.10202	1.10202
hcs084h12	10147 SUGP2	0.188889	1.3651	1.3651
hcs085a07	2350 FOLR2	0.441278	1.43706	1.43706
hcs085a11	4215 MAP3K3	0.791531	1.06339	1.06339
hcs085a12	10488 CREB3	0.021998	1.30501	1.30501
hcs085b06	5188 PET112L	0.738869	0.944986	-1.05822
hcs085b07	286140 RNF5P1	0.5905	1.05993	1.05993
hcs085b08	51780 KDM3B	0.401074	0.934378	-1.07023
hcs085c07	582 BBS1	0.355781	2.0587	2.0587
hcs085c08	90522 YIF1B	0.878352	1.00938	1.00938
hcs085d04	80344 DCAF11	0.421757	0.947849	-1.05502

hcs085d05	8576 STK16	0.892904	0.987344	-1.01282
hcs085d07	147179 WIPF2	0.936586	0.986062	-1.01414
hcs085d11	124995 MRPL10	0.510309	1.10384	1.10384
hcs085e10	1123 CHN1	0.079977	0.733801	-1.36277
hcs085e12	54867 TMEM214	0.503431	0.943538	-1.05984
hcs085f01	10262 SF3B4	0.804554	0.954102	-1.04811
hcs085f02	25926 NOL11	0.026515	0.798207	-1.25281
hcs085f03	4783 NFIL3	0.990284	1.00038	1.00038
hcs085f06	10082 GPC6	0.5914	0.953844	-1.04839
hcs085f07	84058 WDR54	0.243969	1.07727	1.07727
hcs085f09	9590 AKAP12	0.747101	1.05143	1.05143
hcs085g02	29890 RBM15B	0.212572	1.21262	1.21262
hcs085g04	79902 NUP85	0.684234	0.948107	-1.05473
hcs085g05	6919 TCEA2	0.057765	1.21942	1.21942
hcs085g08	203260 CCDC107	0.038187	1.0743	1.0743
hcs085h01	64219 PJA1	0.370684	0.919691	-1.08732
hcs085h04	10078 TSSC4	0.35203	1.42948	1.42948
hcs085h05	224 ALDH3A2	0.227101	0.843428	-1.18564
hcs085h07	5699 PSMB10	0.297937	0.819115	-1.22083
hcs085h08	222223 KIAA1324L	0.079531	1.13645	1.13645
hcs085h12	9923 ZBTB40	0.45572	1.61965	1.61965
hcs086a02	7520 XRCC5	0.434707	0.79956	-1.25069
hcs086a08	9197 SLC33A1	0.845818	0.963082	-1.03833
hcs086a09	54859 C3orf75	0.171536	1.40252	1.40252
hcs086a10	23199 KIAA0182	0.663505	1.06914	1.06914
hcs086b02	56893 UBQLN4	0.487577	1.19619	1.19619
hcs086b04	8451 CUL4A	0.18798	0.816691	-1.22445
hcs086b05	8859 STK19	0.133575	1.29733	1.29733
hcs086b07	5859 QARS	0.230139	1.12131	1.12131
hcs086b08	5594 MAPK1	0.358113	0.919652	-1.08737
hcs086b09	9637 FEZ2	0.498058	1.11655	1.11655
hcs086c08	11228 RASSF8	0.97993	1.00548	1.00548
hcs086c10	10525 HYOU1	0.63032	0.973533	-1.02719
hcs086c11	26355 FAM162A	0.016504	0.622103	-1.60745
hcs086d01		0.038322	0.822879	-1.21525
hcs086d06	9054 NFS1	0.039979	0.859204	-1.16387
hcs086d07	6009 RHEB	0.169875	0.826877	-1.20937
hcs086d09	54662 TBC1D13	0.75792	0.960517	-1.04111
hcs086d11	6282 S100A11	0.00648	1.48511	1.48511
hcs086e02	9446 GSTO1	0.674181	0.949848	-1.0528
hcs086e06	55651 NHP2	0.04938	0.76601	-1.30547
hcs086e08	84364 ARFGAP2	0.507779	1.29251	1.29251
hcs086e11	55905 RNF114	0.059422	0.923507	-1.08283
hcs086e12	63916 ELMO2	0.530199	1.15096	1.15096
hcs086f01	222068 TMED4	0.320806	1.28769	1.28769
hcs086f03	57630 SH3RF1	0.605116	1.04649	1.04649
hcs086f04	80273 GRPEL1	0.006406	0.65292	-1.53158

hcs086f06	8557 TCAP	0.977404	0.99698	-1.00303
hcs086f08	388789 LOC388789	0.778871	1.03676	1.03676
hcs086f09		0.097897	0.920356	-1.08654
hcs086f11	9296 ATP6V1F	0.245052	0.902511	-1.10802
hcs086g03		0.752678	1.1253	1.1253
hcs086g05	29777 ABT1	0.385069	1.10057	1.10057
hcs086g09	4711 NDUFB5	0.514483	0.882362	-1.13332
hcs086g10		0.440556	1.1589	1.1589
hcs086g11	9064 MAP3K6	0.626254	1.08137	1.08137
hcs086h09	55048 VPS37C	0.860509	0.972942	-1.02781
hcs086h10	55904 MLL5	0.343292	0.948858	-1.0539
hcs086h12	2542 SLC37A4	0.542664	1.20099	1.20099
hcs087a01		0.871611	0.960392	-1.04124
hcs087a02	81572 PDRG1	0.225195	0.888173	-1.12591
hcs087a07	126661 CCDC163P	0.865071	0.972196	-1.0286
hcs087a10	55829 SELS	0.330793	0.927077	-1.07866
hcs087b02	23225 NUP210	0.299907	1.16943	1.16943
hcs087b05	875 CBS	0.78018	0.978665	-1.0218
hcs087b07	79712 GTDC1	0.649505	1.21016	1.21016
hcs087b08	2794 GNL1	0.676517	1.13058	1.13058
hcs087c02	7994 MYST3	0.962761	1.00792	1.00792
hcs087c05	54542 RC3H2	0.583443	0.918019	-1.0893
hcs087c06	835 CASP2	0.000204	0.745699	-1.34102
hcs087c07	4725 NDUFS5	0.006701	0.752037	-1.32972
hcs087c08	813 CALU	0.600355	0.960623	-1.04099
hcs087c10	57403 RAB22A	0.461392	0.906233	-1.10347
hcs087d02	5049 PAFAH1B2	0.803009	0.956924	-1.04502
hcs087d03	57035 C1orf63	0.147901	0.894579	-1.11784
hcs087d04	79036 C19orf50	0.489499	0.95224	-1.05016
hcs087d12	387066 SNHG5	0.181138	1.31775	1.31775
hcs087e02	147339 C18orf25	0.617814	1.12914	1.12914
hcs087e07	127544 RNF19B	0.613803	0.937256	-1.06694
hcs087e10	55233 MOBKL1B	0.593366	1.0927	1.0927
hcs087f05	84894 LINGO1	0.162039	0.873371	-1.14499
hcs087f09	9791 PTSS1	0.033225	0.788273	-1.2686
hcs087f11	153339 TMEM167A	0.760009	0.942018	-1.06155
hcs087g01	93343 FAM125A	0.219072	0.822972	-1.21511
hcs087g02	25828 TXN2	0.393201	0.850259	-1.17611
hcs087g06	64756 ATPAF1	0.889934	1.03196	1.03196
hcs087g07	22903 BTBD3	0.681945	0.920363	-1.08653
hcs087g08	1201 CLN3	0.730586	1.1016	1.1016
hcs087h01	6193 RPS5	0.01995	1.83914	1.83914
hcs087h02	50814 NSDHL	0.374415	0.899786	-1.11138
hcs087h03	9779 TBC1D5	0.099457	1.31308	1.31308
hcs087h08	10066 SCAMP2	0.700338	1.0471	1.0471
hcs087h09	56257 MEPCE	0.201951	1.23019	1.23019
hcs087h12	51535 PPHLN1	0.109114	0.820347	-1.219

hcs088a02	93487	MAPK1IP1I	0.11348	0.789301	-1.26694
hcs088a03	51614	ERGIC3	0.353059	0.823099	-1.21492
hcs088a05	7114	TMSB4X	0.529878	1.09457	1.09457
hcs088a07	10695	CNPY3	0.795183	1.06625	1.06625
hcs088a09	55210	ATAD3A	0.254295	0.828473	-1.20704
hcs088a10	2010	EMD	0.57914	1.07982	1.07982
hcs088a11	645	BLVRB	0.340832	1.36071	1.36071
hcs088a12	4154	MBNL1	0.632092	0.942216	-1.06133
hcs088b02	55907	CMAS	0.893266	1.02983	1.02983
hcs088b04	51780	KDM3B	0.982864	0.988375	-1.01176
hcs088b07	9394	HS6ST1	0.732124	1.21699	1.21699
hcs088b09	9619	ABCG1	0.252916	1.46368	1.46368
hcs088b10	10573	MRPL28	0.502909	1.10464	1.10464
hcs088c03	9138	ARHGEF1	0.586196	0.946676	-1.05633
hcs088c06	64121	RRAGC	0.719804	1.03731	1.03731
hcs088c08	5875	RABGGTA	0.291203	1.25635	1.25635
hcs088c09	10534	SSSCA1	0.25726	1.12016	1.12016
hcs088d03	4782	NFIC	0.85073	1.00585	1.00585
hcs088d04	63875	MRPL17	0.739992	1.09574	1.09574
hcs088d06	1174	AP1S1	0.240069	1.04303	1.04303
hcs088d12			0.16683	1.21062	1.21062
hcs088e02	57020	C16orf62	0.447349	1.18146	1.18146
hcs088e03	64794	DDX31	0.841186	1.02415	1.02415
hcs088e04	55316	RSAD1	0.967203	1.00686	1.00686
hcs088e05	4152	MBD1	0.586721	1.02796	1.02796
hcs088e07	8479	HIRIP3	0.299358	1.06765	1.06765
hcs088f04	11244	ZHX1	0.04219	0.887692	-1.12652
hcs088f06			0.656323	0.963273	-1.03813
hcs088f07	7095	SEC62	0.626537	1.1516	1.1516
hcs088f11	124602	KIF19	0.032971	1.49035	1.49035
hcs088f12	63905	MANBAL	0.510083	1.10153	1.10153
hcs088g03	6565	SLC15A2	0.041764	0.765575	-1.30621
hcs088g07	51081	MRPS7	0.423524	0.885926	-1.12876
hcs088g08	54850	FBXL12	0.738858	1.08495	1.08495
hcs088g09	137970	UNC5D	0.588541	0.915916	-1.0918
hcs088g10	84886	C1orf198	0.851177	1.05034	1.05034
hcs088g11			0.149296	1.21634	1.21634
hcs088g12	54503	ZDHHC13	0.81498	0.970875	-1.03
hcs088h03	4047	LSS	0.08356	1.16002	1.16002
hcs088h05	133957	CCDC127	0.888619	1.02024	1.02024
hcs088h09	5810	RAD1	0.075346	1.15271	1.15271
hcs088h10	788	SLC25A20	0.337172	1.27651	1.27651
hcs088h11	23107	MRPS27	0.049871	0.683116	-1.46388
hcs089a04	7564	ZNF16	0.830074	0.971624	-1.0292
hcs089a05	11151	CORO1A	0.980377	0.996815	-1.0032
hcs089a06	8566	PDXK	0.038708	0.810143	-1.23435
hcs089a08	10227	MFSD10	0.483311	1.06993	1.06993

hcs089a10	10195	ALG3	0.498788	1.14558	1.14558
hcs089b01	5824	PEX19	0.866101	0.955402	-1.04668
hcs089b03	6015	RING1	0.603755	0.970056	-1.03087
hcs089b06	9555	H2AFY	0.651041	0.942375	-1.06115
hcs089b12	1856	DVL2	0.014859	1.51713	1.51713
hcs089c01	1603	DAD1	0.302123	1.17501	1.17501
hcs089c04	10336	PCGF3	0.390293	1.32352	1.32352
hcs089c05	55125	CEP192	0.456157	1.38694	1.38694
hcs089c06	57216	VANGL2	0.092182	1.40135	1.40135
hcs089c09	1968	EIF2S3	0.39467	1.09148	1.09148
hcs089c10	51248	PDZD11	0.900392	1.01878	1.01878
hcs089d03	2624	GATA2	0.003398	0.906389	-1.10328
hcs089d04	25945	PVRL3	0.650071	1.09568	1.09568
hcs089d05	79135	APOO	0.850785	0.961481	-1.04006
hcs089d06	2193	FARSA	0.852542	1.03303	1.03303
hcs089d10	129285	KLRAQ1	0.450067	1.29263	1.29263
hcs089e07	1203	CLN5	0.528196	1.52073	1.52073
hcs089e10	11057	ABHD2	0.546941	0.892287	-1.12072
hcs089e12	51114	ZDHHC9	0.443861	1.09883	1.09883
hcs089f01	28974	C19orf53	0.166592	0.766165	-1.3052
hcs089f05	10458	BAIAP2	0.999241	1.00022	1.00022
hcs089f07	51062	ATL1	0.273571	1.15217	1.15217
hcs089f09	9601	PDIA4	0.736212	0.922889	-1.08355
hcs089f10	112770	C1orf85	0.533585	1.14382	1.14382
hcs089g05	23677	SH3BP4	0.26112	0.816178	-1.22522
hcs089g07	10314	LANCL1	0.584701	0.922232	-1.08433
hcs089g09	5803	PTPRZ1	0.613534	1.23968	1.23968
hcs089g12	23265	EXOC7	0.738067	1.06692	1.06692
hcs089h02	10598	AHSA1	0.160862	0.738909	-1.35335
hcs089h03	147007	TMEM199	0.823759	0.933754	-1.07095
hcs089h04	55280	CWF19L1	0.412138	0.863605	-1.15794
hcs089h12	23654	PLXNB2	0.179072	1.45262	1.45262
hcs090a01	1912	PHC2	0.52692	1.03807	1.03807
hcs090a03	572	BAD	0.010255	1.43094	1.43094
hcs090a07	56894	AGPAT3	0.762172	1.01069	1.01069
hcs090a08	28987	NOB1	0.050371	0.742691	-1.34645
hcs090a09	6892	TAPBP	0.698538	1.048	1.048
hcs090b02	1829	DSG2	0.929499	1.01561	1.01561
hcs090b06	3064	HTT	0.206261	1.04732	1.04732
hcs090b07	54704	PDP1	0.777629	1.02559	1.02559
hcs090b11	9925	ZBTB5	0.599836	1.08105	1.08105
hcs090c01	64432	MRPS25	0.012578	0.656452	-1.52334
hcs090c05	9553	MRPL33	0.494641	0.901114	-1.10974
hcs090c08	60492	CCDC90B	0.407478	1.53772	1.53772
hcs090d01	51547	SIRT7	0.777504	0.959474	-1.04224
hcs090d03	57506	MAVS	0.276379	0.90151	-1.10925
hcs090d04	84432	PROK1	0.636972	0.919325	-1.08775

hcs090d05	2197 FAU	0.021655	1.39234	1.39234
hcs090d07	55861 DBNDD2	0.810756	1.07052	1.07052
hcs090d08	7374 UNG	0.027529	0.75612	-1.32254
hcs090d09	283234 CCDC88B	0.205847	0.865762	-1.15505
hcs090d11	6734 SRPR	0.123332	1.25359	1.25359
hcs090d12	7329 UBE2I	0.18086	0.84663	-1.18115
hcs090e05	27257 LSM1	0.99372	1.00139	1.00139
hcs090e06	10890 RAB10	0.267559	0.77368	-1.29252
hcs090e08	5690 PSMB2	0.706679	0.964451	-1.03686
hcs090e09	64834 ELOVL1	0.533094	1.15239	1.15239
hcs090e11	318 NUDT2	0.3454	1.15148	1.15148
hcs090f02	818 CAMK2G	0.010063	0.825037	-1.21207
hcs090f03	518 ATP5G3	0.078069	0.738622	-1.35387
hcs090f04	3308 HSPA4	0.095949	0.710827	-1.40681
hcs090f06	55240 STEAP3	0.607665	0.96197	-1.03953
hcs090f07	9813 KIAA0494	0.610182	0.88236	-1.13332
hcs090f09	36 ACADSB	0.932787	1.00688	1.00688
hcs090f11	1540 CYLD	0.643613	0.957796	-1.04406
hcs090g01	219541 MED19	0.117308	0.73035	-1.36921
hcs090g03	7175 TPR	0.003112	0.835191	-1.19733
hcs090g05	26523 EIF2C1	0.928767	0.981659	-1.01868
hcs090g06	55174 INTS10	0.160196	0.808732	-1.2365
hcs090g07	22818 COPZ1	0.496077	0.927958	-1.07763
hcs090g09		0.502386	1.05248	1.05248
hcs090g10	4684 NCAM1	0.342027	1.11733	1.11733
hcs090g11	10466 COG5	0.10842	1.32244	1.32244
hcs090g12	6818 SULT1A3	0.147298	0.943005	-1.06044
hcs090h01	7322 UBE2D2	0.142957	0.816126	-1.2253
hcs090h02	11057 ABHD2	0.563842	1.09237	1.09237
hcs090h03	8544 PIR	0.322443	0.932673	-1.07219
hcs090h04		0.487606	0.893674	-1.11898
hcs090h05	441212 RP9P	0.665441	0.955853	-1.04619
hcs090h07	56945 MRPS22	0.162814	0.67354	-1.48469
hcs090h09	10297 APC2	0.673622	1.14977	1.14977
hcs090h11	60509 AGBL5	0.08088	0.802541	-1.24604
hcs090h12	112483 SAT2	0.033003	1.3901	1.3901
hcs091a04	728392 LOC728392	0.118543	1.56435	1.56435
hcs091a08	5479 PPIB	0.401766	0.943859	-1.05948
hcs091a09	440498 HSBP1L1	0.008436	1.52982	1.52982
hcs091a11	93974 ATP1F1	0.822604	1.0319	1.0319
hcs091b02	4714 NDUFB8	0.691094	0.937595	-1.06656
hcs091b03	9057 SLC7A6	0.642689	0.934636	-1.06994
hcs091b06	150356 CHADL	0.191811	0.875679	-1.14197
hcs091b07	23189 KANK1	0.077101	0.836887	-1.1949
hcs091b09	7187 TRAF3	0.519492	1.11332	1.11332
hcs091b10	10128 LRPPRC	0.022082	0.854697	-1.17001
hcs091c01	5092 PCBD1	0.060153	0.705301	-1.41783

hcs091c02	1725 DHPS	0.677877	1.12049	1.12049
hcs091c06	51171 HSD17B14	0.372777	1.14462	1.14462
hcs091c07	7936 RDBP	0.494964	1.04921	1.04921
hcs091d07	84240 ZCCHC9	0.547605	1.22604	1.22604
hcs091d10		0.465572	1.1789	1.1789
hcs091d11	54856 GON4L	0.332891	1.37967	1.37967
hcs091e04	348174 CLEC18A	0.211881	1.13602	1.13602
hcs091e06	3065 HDAC1	0.482519	0.899185	-1.11212
hcs091e07	9625 AATK	0.569625	1.03286	1.03286
hcs091e08	727820 LOC727820	0.615405	1.05177	1.05177
hcs091e09	80023 NRSN2	0.101077	1.40595	1.40595
hcs091f01	861 RUNX1	0.630815	1.11421	1.11421
hcs091f02	54491 FAM105A	0.325817	1.98872	1.98872
hcs091f03	92856 IMP4	0.50996	1.09313	1.09313
hcs091f05	4192 MDK	0.027034	1.29673	1.29673
hcs091f06	57406 ABHD6	0.220899	1.40654	1.40654
hcs091f07	25930 PTPN23	0.398818	1.29349	1.29349
hcs091f09	9564 BCAR1	0.284166	1.40206	1.40206
hcs091f11	7528 YY1	0.566269	1.13285	1.13285
hcs091f12	5928 RBBP4	0.038524	0.873187	-1.14523
hcs091g02	80212 CCDC92	0.391166	1.16417	1.16417
hcs091g03		0.203534	1.44788	1.44788
hcs091g04	54915 YTHDF1	0.911565	1.0139	1.0139
hcs091g05	8140 SLC7A5	0.787964	0.93957	-1.06432
hcs091g06	51700 CYB5R2	0.121098	1.29127	1.29127
hcs091g09		0.540191	1.22491	1.22491
hcs091g11	26168 SENP3	0.550914	1.14092	1.14092
hcs091h05	55757 UGGT2	0.360178	1.1761	1.1761
hcs091h06	10486 CAP2	0.800162	0.980471	-1.01992
hcs091h07	9797 TATDN2	0.259923	1.55909	1.55909
hcs091h11	51693 TRAPPC2L	0.721529	0.956746	-1.04521
hcs092a01	8853 ASAP2	0.680177	1.10229	1.10229
hcs092a06	11011 TLK2	0.127762	1.05565	1.05565
hcs092a07	64771 C6orf106	0.911418	0.983414	-1.01687
hcs092a08	55226 NAT10	0.001269	0.649137	-1.54051
hcs092a09	29101 SSU72	0.219791	1.0876	1.0876
hcs092a10	2733 GLE1	0.694514	0.970408	-1.03049
hcs092b05	54876 DCAF16	0.580574	1.07436	1.07436
hcs092b06	50515 CHST11	0.370318	1.1158	1.1158
hcs092b07	55437 STRADB	0.188461	0.840057	-1.1904
hcs092b08	3142 HLX	0.160301	1.17511	1.17511
hcs092b09	10463 SLC30A9	0.092271	0.749472	-1.33427
hcs092b12	23534 TNPO3	0.361411	1.15461	1.15461
hcs092c01	254295 PHYHD1	0.02268	1.31142	1.31142
hcs092c02	50617 ATP6V0A4	0.417941	0.883096	-1.13238
hcs092c03	9706 ULK2	0.018472	0.807966	-1.23768
hcs092c04		0.012068	2.8006	2.8006

hcs092c05	26119	LDLRAP1	0.318103	1.05335	1.05335
hcs092c07	3316	HSPB2	0.568531	1.06042	1.06042
hcs092c08	10207	INADL	0.303134	1.20995	1.20995
hcs092c11	9789	SPCS2	0.120621	1.17328	1.17328
hcs092d05	8914	TIMELESS	0.545001	1.04041	1.04041
hcs092d07			0.227978	1.20382	1.20382
hcs092d12	23210	JMJD6	0.843129	1.02123	1.02123
hcs092e02	377	ARF3	0.473224	0.843819	-1.18509
hcs092e09	1E+08	LOC100288	0.783279	1.01826	1.01826
hcs092e11	9896	FIG4	0.212911	1.06715	1.06715
hcs092f05	8906	AP1G2	0.726576	0.928478	-1.07703
hcs092f06	133686	C5orf33	0.46846	1.3761	1.3761
hcs092f09	29078	NDUFAF4	0.524241	0.88295	-1.13257
hcs092f10	9045	RPL14	0.003369	0.822908	-1.2152
hcs092f11	3490	IGFBP7	0.889099	1.05308	1.05308
hcs092f12	83692	CD99L2	0.006098	1.52615	1.52615
hcs092g01	6657	SOX2	0.054668	0.889604	-1.1241
hcs092g02	3831	KLC1	0.84313	1.03523	1.03523
hcs092g04			0.031616	0.562014	-1.77932
hcs092g05	57674	RNF213	0.452214	1.07477	1.07477
hcs092g06	1E+08	LOC100125	0.417057	0.861552	-1.1607
hcs092g07	6586	SLIT3	0.097438	1.25632	1.25632
hcs092g08	51300	C3orf1	0.433811	1.07864	1.07864
hcs092g12	51614	ERGIC3	0.01878	1.26763	1.26763
hcs092h01	6164	RPL34	0.072625	1.34276	1.34276
hcs092h05	3104	ZBTB48	0.024423	1.71327	1.71327
hcs092h06	51808	PHAX	0.006545	1.6143	1.6143
hcs092h07	1783	DYNC1LI2	0.241165	1.46884	1.46884
hcs092h08	23499	MACF1	0.815967	1.04304	1.04304
hcs092h09	6742	SSBP1	0.019752	0.637231	-1.56929
hcs092h10	79007	DBNDD1	0.001652	0.610541	-1.63789
hcs093a02	54584	GNB1L	0.005329	0.566808	-1.76427
hcs093a04			0.645172	1.20942	1.20942
hcs093a06	83941	TM2D1	0.384206	0.916337	-1.0913
hcs093a08	80339	PNPLA3	0.819534	1.13912	1.13912
hcs093b02	10238	DCAF7	0.95783	1.01832	1.01832
hcs093b05	11340	EXOSC8	0.21278	0.694928	-1.439
hcs093b07	617	BCS1L	0.530892	1.68124	1.68124
hcs093b08	3839	KPNA3	0.765343	0.939083	-1.06487
hcs093c04	23065	KIAA0090	0.837447	1.08259	1.08259
hcs093c06	10299	6-Mar	0.775546	0.955907	-1.04613
hcs093c07	157697	ERICH1	0.389854	1.83516	1.83516
hcs093c10	10188	TNK2	0.712937	0.863798	-1.15768
hcs093c11	729515	C6orf35	0.383477	0.867595	-1.15261
hcs093d04	57721	METTL14	0.39802	1.92119	1.92119
hcs093d08	6683	SPAST	0.517515	0.774086	-1.29185
hcs093d12			0.544382	0.801262	-1.24803

hcs093e11	255812	SDHAP1	0.741629	1.10353	1.10353
hcs093f01	113829	SLC35A4	0.852088	1.08963	1.08963
hcs093f03	79882	ZC3H14	0.796742	0.872115	-1.14664
hcs093f04	348262	FAM195B	0.989107	0.996881	-1.00313
hcs093f06	8480	RAE1	0.959709	1.02204	1.02204
hcs093f07	11218	DDX20	0.575303	1.48254	1.48254
hcs093g03	90378	SAMD1	0.539977	1.4769	1.4769
hcs093g07	10985	GCN1L1	0.754574	1.14576	1.14576
hcs093g08	64393	ZMAT3	0.427171	2.33162	2.33162
hcs093g10	11269	DDX19B	0.990726	1.00309	1.00309
hcs093g11	9978	RBX1	0.555725	1.03164	1.03164
hcs093h01	3842	TNPO1	0.863571	0.948503	-1.05429
hcs093h09	6002	RGS12	0.369769	2.43521	2.43521
hcs094a02	29789	OLA1	0.124605	0.885937	-1.12875
hcs094a03	10342	TFG	0.148439	1.04113	1.04113
hcs094a08	5683	PSMA2	0.043404	0.79662	-1.2553
hcs094a12	126328	NDUFA11	0.640428	1.05751	1.05751
hcs094b02	55037	PTCD3	0.790084	1.03957	1.03957
hcs094b06	9217	VAPB	0.445679	0.95403	-1.04819
hcs094b07	54512	EXOSC4	0.539405	1.23492	1.23492
hcs094b09			0.09001	0.931746	-1.07325
hcs094b11	219771	CCNY	0.984324	1.00109	1.00109
hcs094b12			0.292875	0.809535	-1.23528
hcs094c03	51398	C19orf56	0.76782	1.04531	1.04531
hcs094c05			0.228297	1.41981	1.41981
hcs094c06	8662	EIF3B	0.112287	0.879456	-1.13707
hcs094c08	23309	SIN3B	0.67382	1.14846	1.14846
hcs094c09	1496	CTNNA2	0.95076	1.01028	1.01028
hcs094c10	25996	REXO2	0.041404	0.778725	-1.28415
hcs094c11	283377	SPRYD4	0.646937	1.05057	1.05057
hcs094d03	60488	MRPS35	0.119492	0.826162	-1.21042
hcs094d05	4836	NMT1	0.057075	1.5129	1.5129
hcs094d10	56943	ENY2	0.014568	0.78564	-1.27285
hcs094d11	56898	BDH2	0.068663	1.02679	1.02679
hcs094e02	55891	LENEP	0.114616	1.62172	1.62172
hcs094e05			0.287856	1.72058	1.72058
hcs094e06	23203	PMPCA	0.740738	1.1659	1.1659
hcs094e08	29796	UQCR10	0.730705	0.95304	-1.04927
hcs094e11	26589	MRPL46	0.26309	1.24342	1.24342
hcs094f02			0.231273	0.776509	-1.28782
hcs094f03	3068	HDGF	0.261366	0.925848	-1.08009
hcs094f05	25793	FBXO7	0.272716	0.882939	-1.13258
hcs094f07			0.489029	1.1117	1.1117
hcs094f09			0.902516	0.977634	-1.02288
hcs094f12	51501	C11orf73	0.47592	1.30306	1.30306
hcs094g01	23478	SEC11A	0.771748	1.02221	1.02221
hcs094g03	57600	FNIP2	0.779992	1.03423	1.03423

hcs094g04	23061 TBC1D9B	0.501509	1.14986	1.14986
hcs094g06		0.339877	1.17468	1.17468
hcs094g08	2701 GJA4	0.931545	1.02744	1.02744
hcs094g09	85377 MICALL1	0.031532	1.57823	1.57823
hcs094g10	403 ARL3	0.046601	1.45383	1.45383
hcs094g11	3093 UBE2K	0.30497	1.11703	1.11703
hcs094g12	51545 ZNF581	0.028737	1.57072	1.57072
hcs094h01	9260 PDLIM7	0.066044	1.80248	1.80248
hcs094h03	5692 PSMB4	0.810402	1.0524	1.0524
hcs094h10	2072 ERCC4	0.380888	1.2716	1.2716
hcs094h11	1857 DVL3	0.251422	1.23641	1.23641
hcs094h12	291 SLC25A4	0.854933	0.971712	-1.02911
hcs095a02	493753 C2orf64	0.126806	0.83351	-1.19975
hcs095a05	221545 C6orf136	0.243021	1.38673	1.38673
hcs095a08	6717 SRI	0.849193	0.978584	-1.02188
hcs095a10	55818 KDM3A	0.929822	0.994016	-1.00602
hcs095b03	55146 ZDHHC4	0.462412	1.09444	1.09444
hcs095b04	27248 ERLEC1	0.286926	1.04497	1.04497
hcs095b05	23395 LARS2	0.011554	0.719899	-1.38908
hcs095b07	25945 PVRL3	0.564784	1.20771	1.20771
hcs095b08	6780 STAU1	0.267184	0.923585	-1.08274
hcs095b09	9612 NCOR2	0.035144	1.33018	1.33018
hcs095b10	113444 C1orf212	0.087315	1.20323	1.20323
hcs095b11	27335 EIF3K	0.0385	1.19458	1.19458
hcs095c01	375287 RBM43	0.273332	1.3161	1.3161
hcs095c03	57095 C1orf128	0.851252	0.96139	-1.04016
hcs095c05	10867 TSPAN9	0.971911	0.998224	-1.00178
hcs095c06		0.669369	0.93156	-1.07347
hcs095c07	6597 SMARCA4	0.142106	0.814192	-1.22821
hcs095c08	27235 COQ2	0.958297	1.01056	1.01056
hcs095c10	54989 ZNF770	0.155013	0.863527	-1.15804
hcs095d01	115939 C16orf42	0.788795	0.957252	-1.04466
hcs095d03	10226 PLIN3	0.728572	1.06441	1.06441
hcs095d04	27351 PPPDE2	0.047603	0.721034	-1.3869
hcs095d08	29883 CNOT7	0.021604	0.711121	-1.40623
hcs095e02	254065 BRWD3	0.823262	0.943399	-1.06
hcs095e04	1.01E+08 LOC100506	0.845813	0.96312	-1.03829
hcs095e07	94103 ORMDL3	0.651796	1.20392	1.20392
hcs095e09	8634 RTCD1	0.811752	0.958311	-1.0435
hcs095e11	353 APRT	0.963927	0.991841	-1.00823
hcs095f02	6732 SRPK1	0.116945	0.668575	-1.49572
hcs095f03	51447 IP6K2	0.492462	1.40327	1.40327
hcs095f05	10013 HDAC6	0.769506	1.08614	1.08614
hcs095f07	246243 RNASEH1	0.045886	0.694128	-1.44066
hcs095f12	4081 MAB21L1	0.783933	0.971402	-1.02944
hcs095g01	54976 C20orf27	0.031023	0.593003	-1.68633
hcs095g05	64750 SMURF2	0.940009	1.00875	1.00875

hcs095g07	1351 COX8A	0.009841	1.44337	1.44337
hcs095g12	6204 RPS10	0.114027	2.01889	2.01889
hcs095h05	10179 RBM7	0.203	0.82137	-1.21748
hcs095h10	7580 ZNF32	0.570939	0.821085	-1.2179
hcs095h11	4301 MLLT4	0.864005	0.968673	-1.03234
hcs095h12	208 AKT2	0.360168	1.17798	1.17798
hcs096a02	79940 C6orf155	0.154295	0.827669	-1.20821
hcs096a03	9693 RAPGEF2	0.925699	1.01912	1.01912
hcs096a06		0.028671	1.37018	1.37018
hcs096a09	4048 LTA4H	0.390332	0.912349	-1.09607
hcs096a11	55791 C1orf103	0.215053	0.910918	-1.09779
hcs096a12		0.034559	0.869949	-1.14949
hcs096b04	5300 PIN1	0.402815	1.14195	1.14195
hcs096b05	51004 COQ6	0.121335	1.18226	1.18226
hcs096b08	1611 DAP	0.60909	1.26121	1.26121
hcs096b09	56259 CTNBL1	0.238693	0.906833	-1.10274
hcs096b10	51642 MRPL48	0.17286	0.940507	-1.06326
hcs096b11	2710 GK	0.245687	0.920309	-1.08659
hcs096c03	10901 DHRS4	0.2898	1.1621	1.1621
hcs096c04	9546 APBA3	0.420476	0.888503	-1.12549
hcs096c05	126792 B3GALT6	0.25747	1.10586	1.10586
hcs096c06	55014 STX17	0.475234	1.05364	1.05364
hcs096c08	7703 PCGF2	0.705107	1.0902	1.0902
hcs096c10	56983 POGLUT1	0.530407	1.22173	1.22173
hcs096c11	25906 C11orf51	0.622749	0.966126	-1.03506
hcs096c12	4673 NAP1L1	0.581815	1.05755	1.05755
hcs096d01	9730 VPRBP	0.297492	1.57306	1.57306
hcs096d03	9135 RABEP1	0.062918	0.763614	-1.30956
hcs096d05	9482 STX8	0.954396	1.01245	1.01245
hcs096d06	9519 TBPL1	0.586501	1.05994	1.05994
hcs096d12	26090 ABHD12	0.819884	0.975502	-1.02511
hcs096e01	80025 PANK2	0.287385	0.871732	-1.14714
hcs096e02	51647 FAM96B	0.713724	0.935976	-1.0684
hcs096e05	10056 FARSB	0.130153	0.852839	-1.17255
hcs096e06	29083 GTPBP8	0.036177	0.809697	-1.23503
hcs096e07	4233 MET	0.453598	1.09544	1.09544
hcs096e08	28955 DEXI	0.047478	0.821179	-1.21776
hcs096e09	5662 PSD	0.026888	1.17182	1.17182
hcs096e10	51406 NOL7	0.052213	0.700433	-1.42769
hcs096e12	8440 NCK2	0.691906	0.97138	-1.02946
hcs096f02	473 RERE	0.325101	1.45489	1.45489
hcs096f03		0.029573	1.95762	1.95762
hcs096f05	7587 ZNF37A	0.052691	0.638508	-1.56615
hcs096f09	1855 DVL1	0.16731	0.820387	-1.21894
hcs096g01	5476 CTSA	0.266143	0.911395	-1.09722
hcs096g05	11234 HPS5	0.363714	1.34658	1.34658
hcs096g06	339287 MSL1	0.060295	1.31375	1.31375

hcs096g07	9326 ZNHIT3	0.399938	0.907776	-1.10159
hcs096g08	7965 AIMP2	0.782315	0.965979	-1.03522
hcs096g09	9326 ZNHIT3	0.693022	0.947433	-1.05548
hcs096g10	51020 HDDC2	0.414613	1.15301	1.15301
hcs096g11	55690 PACS1	0.006566	1.34403	1.34403
hcs096g12	55573 CDV3	0.273248	0.945009	-1.05819
hcs096h01	8508 NIPSNAP1	0.363526	0.802248	-1.2465
hcs096h02	79699 ZYG11B	0.294535	0.713216	-1.4021
hcs096h04	9555 H2AFY	0.878722	1.06326	1.06326
hcs096h07	90231 KIAA2013	0.789898	0.940818	-1.0629
hcs096h09	7779 SLC30A1	0.77422	0.950376	-1.05222
hcs096h11	4947 OAZ2	0.309679	1.19443	1.19443
hcs097a03	90861 HN1L	0.068101	0.628399	-1.59135
hcs097a05	149041 RC3H1	0.93469	1.04029	1.04029
hcs097a07	54505 DHX29	0.364624	0.701123	-1.42628
hcs097a08	201931 TMEM192	0.96679	1.01814	1.01814
hcs097a09	58517 RBM25	0.44649	0.873051	-1.14541
hcs097b06	7529 YWHAB	0.572281	1.05859	1.05859
hcs097b07	84333 PCGF5	0.459634	1.1079	1.1079
hcs097b09	6988 TCTA	0.940118	0.987525	-1.01263
hcs097b10	7328 UBE2H	0.703517	1.10097	1.10097
hcs097b12	4902 NRTN	0.902618	1.02271	1.02271
hcs097c01	54998 AURKAIP1	0.325225	0.77418	-1.29169
hcs097c02	9517 SPTLC2	0.431463	0.816669	-1.22449
hcs097c03	23274 CLEC16A	0.16165	0.828648	-1.20679
hcs097c04	3920 LAMP2	0.730476	1.07416	1.07416
hcs097c08		0.441501	1.28879	1.28879
hcs097c09	79364 ZXDC	0.156865	1.19045	1.19045
hcs097c11	55311 ZNF444	0.575002	1.08706	1.08706
hcs097c12		0.050895	1.32073	1.32073
hcs097d04	83479 DDX59	0.635809	1.12129	1.12129
hcs097d06	54874 FBNP1L	0.263998	1.20315	1.20315
hcs097d07	27175 TUBG2	0.487351	0.907248	-1.10223
hcs097d08	7275 TUB	0.986004	0.997013	-1.003
hcs097d09	6929 TCF3	0.788673	1.03922	1.03922
hcs097d11		0.20116	1.11798	1.11798
hcs097e01	6945 MLX	0.84354	0.977062	-1.02348
hcs097e03	25977 NECAP1	0.413234	1.03769	1.03769
hcs097e05	51451 LCMT1	0.215374	1.29167	1.29167
hcs097e09	421 ARVCF	0.017213	1.28798	1.28798
hcs097e10	6774 STAT3	0.382729	1.11472	1.11472
hcs097e11		0.181772	1.2589	1.2589
hcs097f01	54994 C20orf11	0.470314	1.1363	1.1363
hcs097f03	1E+08 ZNF316	0.239192	1.23043	1.23043
hcs097f05	63894 VIPAR	0.556696	0.906931	-1.10262
hcs097f06	10300 KATNB1	0.383961	1.09286	1.09286
hcs097f07	23112 TNRC6B	0.700333	1.09903	1.09903

hcs097f08	54788 DNAJB12	0.45078	1.13821	1.13821
hcs097f09	9094 UNC119	0.238968	0.848682	-1.1783
hcs097f11	762 CA4	0.120134	1.58217	1.58217
hcs097f12	56655 POLE4	0.605968	1.14061	1.14061
hcs097g02	10435 CDC42EP2	0.385892	1.08636	1.08636
hcs097g03	79038 ZFYVE21	0.901964	1.02189	1.02189
hcs097g06	11214 AKAP13	0.391498	1.21268	1.21268
hcs097g07	146542 ZNF688	0.467591	1.14694	1.14694
hcs097g08	84440 RAB11FIP4	0.152889	0.873966	-1.14421
hcs097g09	55052 MRPL20	0.045592	0.766776	-1.30416
hcs097g10	147341 C18orf23	0.526812	1.06737	1.06737
hcs097h01	51728 POLR3K	0.135401	0.916674	-1.0909
hcs097h02	29979 UBQLN1	0.313687	0.849564	-1.17707
hcs097h04	5269 SERPINB6	0.11274	1.44457	1.44457
hcs097h05	3672 ITGA1	0.590349	0.940574	-1.06318
hcs097h06	10884 MRPS30	0.733865	1.07507	1.07507
hcs097h07	54928 IMPAD1	0.18047	1.1584	1.1584
hcs097h08	8724 SNX3	0.033563	1.19833	1.19833
hcs097h09	51142 CHCHD2	0.314966	0.880845	-1.13527
hcs097h10	653519 GPR89A	0.414696	0.878188	-1.13871
hcs097h11	84334 C14orf153	0.068405	0.715288	-1.39804
hcs098a02	9255 AIMP1	0.068802	0.63638	-1.57139
hcs098a03	84317 CCDC115	0.562077	0.825374	-1.21157
hcs098a04	1969 EPHA2	0.782361	0.90687	-1.10269
hcs098a10	79621 RNASEH2B	0.449846	1.24174	1.24174
hcs098b02	51292 GMPR2	0.505582	0.8082	-1.23732
hcs098b04	9188 DDX21	0.168953	0.642988	-1.55524
hcs098b05	4710 NDUFB4	0.869435	1.04388	1.04388
hcs098b06		0.184651	0.834745	-1.19797
hcs098b09	93622 LOC93622	0.87495	0.942039	-1.06153
hcs098c01	65244 SPATS2	0.702828	0.842561	-1.18686
hcs098c02	2288 FKBP4	0.434055	0.840492	-1.18978
hcs098c03	6935 ZEB1	0.31564	0.656154	-1.52403
hcs098c05	130074 FAM168B	0.519422	1.11871	1.11871
hcs098c07	1997 ELF1	0.442824	3.14409	3.14409
hcs098c08	8896 BUD31	0.478777	0.886401	-1.12816
hcs098c12	29798 C2orf27A	0.376781	1.14277	1.14277
hcs098d01	27445 PCLO	0.078743	1.56069	1.56069
hcs098d03	10577 NPC2	0.822618	1.07629	1.07629
hcs098d04	6792 CDKL5	0.340266	2.32106	2.32106
hcs098d06	23647 ARFIP2	0.743567	1.17008	1.17008
hcs098d07	5695 PSMB7	0.654913	0.891501	-1.1217
hcs098d09	124808 CCDC43	0.351616	0.730866	-1.36824
hcs098d11	23148 NACAD	0.58549	1.62896	1.62896
hcs098e02	10567 RABAC1	0.651764	1.13839	1.13839
hcs098e03	55101 ATP5SL	0.854527	0.930138	-1.07511
hcs098e04	51105 PHF20L1	0.608492	0.886138	-1.12849

hcs098e06		0.142168	1.59633	1.59633
hcs098e07	3839 KPNA3	0.465838	0.80294	-1.24542
hcs098e10	642819 ZNF487P	0.330683	0.861142	-1.16125
hcs098e12	1845 DUSP3	0.214712	1.41565	1.41565
hcs098f03	29100 TMEM208	0.689972	1.31716	1.31716
hcs098f07	56984 PSMG2	0.923284	0.951218	-1.05128
hcs098f08	8623 ASMTL	0.416714	1.48308	1.48308
hcs098f09	201181 ZNF385C	0.022349	0.826406	-1.21006
hcs098f11	64215 DNAJC1	0.529721	1.48379	1.48379
hcs098f12	653635 WASH7P	0.480654	1.31474	1.31474
hcs098g01	150290 DUSP18	0.525251	0.799329	-1.25105
hcs098g02	119559 SFXN4	0.678342	1.25284	1.25284
hcs098g03	204851 HIPK1	0.767608	0.915427	-1.09239
hcs098g04		0.568599	1.44893	1.44893
hcs098g07	51078 THAP4	0.797132	0.824401	-1.213
hcs098g09	23325 KIAA1033	0.631479	1.33134	1.33134
hcs098g11	3398 ID2	0.466309	1.11606	1.11606
hcs098g12	201176 ARHGAP27	0.094582	1.31978	1.31978
hcs098h01	79595 SAP130	0.390955	0.759748	-1.31623
hcs098h04	57185 NIPAL3	0.495693	2.16687	2.16687
hcs098h05	60684 C4orf41	0.741105	1.07276	1.07276
hcs098h08	5911 RAP2A	0.582653	1.49885	1.49885
hcs098h09	7918 GPANK1	0.675835	1.28658	1.28658
hcs098h11	130574 LYPD6	0.015879	1.2461	1.2461
hcs098h12	7335 UBE2V1	0.460762	1.07346	1.07346
hcs099a03	57291 KIAA0114	0.189829	0.740422	-1.35058
hcs099a04	53838 C11orf24	0.48232	0.877223	-1.13996
hcs099a09	25940 FAM98A	0.015387	0.836656	-1.19523
hcs099a10		0.903993	0.975435	-1.02518
hcs099a12	7095 SEC62	0.564513	0.858718	-1.16453
hcs099b01	203111 C8orf47	0.37027	1.1252	1.1252
hcs099b02	5705 PSMC5	0.553095	0.925566	-1.08042
hcs099b03	9605 C16orf7	0.081014	0.877708	-1.13933
hcs099b04	84914 ZNF587	0.337683	1.14241	1.14241
hcs099b05	23114 NFASC	0.116815	0.918172	-1.08912
hcs099b08	3094 HINT1	0.035428	1.45492	1.45492
hcs099b10		0.080874	1.07141	1.07141
hcs099b11	146177 VWA3A	0.940097	0.972866	-1.02789
hcs099b12	57645 POGK	0.285987	1.11131	1.11131
hcs099c01	54991 C1orf159	0.577716	1.03597	1.03597
hcs099c03	23001 WDFY3	0.078313	0.889712	-1.12396
hcs099c06	5062 PAK2	0.014324	0.755119	-1.32429
hcs099c07	1E+08 TOMM6	0.003945	0.782652	-1.27771
hcs099c09	7570 ZNF22	0.027551	0.799119	-1.25138
hcs099d04	116254 C6orf72	0.48322	1.39061	1.39061
hcs099d05	11057 ABHD2	0.544726	0.956989	-1.04494
hcs099d07	8218 CLTCL1	0.953354	1.01256	1.01256

hcs099d08	539 ATP5O	0.35635	0.917557	-1.08985
hcs099d10		0.129536	0.657893	-1.52
hcs099e02	389827 TMEM8C	0.662347	1.07207	1.07207
hcs099e04	8717 TRADD	0.829179	0.933479	-1.07126
hcs099e05	51308 REEP2	0.805567	1.06008	1.06008
hcs099e08	8655 DYNLL1	0.089721	0.964862	-1.03642
hcs099e11	439 ASNA1	0.429581	1.30411	1.30411
hcs099e12	124220 ZG16B	0.147383	1.3911	1.3911
hcs099f02		0.451338	1.25104	1.25104
hcs099f03	9328 GTF3C5	0.404646	1.25087	1.25087
hcs099f04	29101 SSU72	0.046669	1.09385	1.09385
hcs099f05	6845 VAMP7	0.266799	1.05795	1.05795
hcs099f06	3315 HSPB1	0.953142	0.992638	-1.00742
hcs099g03	328 APEX1	0.542094	0.793031	-1.26098
hcs099g04	27095 TRAPPC3	0.163504	1.29212	1.29212
hcs099g08	22844 FRMPD1	0.087299	0.889542	-1.12417
hcs099g09	80228 ORAI2	0.768424	0.958855	-1.04291
hcs099h04	64067 NPAS3	0.81431	0.948785	-1.05398
hcs099h06	219927 MRPL21	0.638318	0.944174	-1.05913
hcs099h09	483 ATP1B3	0.029461	0.855994	-1.16823
hcs099h10	65009 NDRG4	0.053781	1.36703	1.36703
hcs100a03		0.115887	1.3209	1.3209
hcs100a05		0.108827	1.08782	1.08782
hcs100a06	55629 PNRC2	0.554735	0.903376	-1.10696
hcs100a09		0.639642	1.12212	1.12212
hcs100a10		0.896068	1.02819	1.02819
hcs100b05	5510 PPP1R7	0.917919	1.00098	1.00098
hcs100b06	10949 HNRNPA0	0.194107	1.15975	1.15975
hcs100b08	991 CDC20	0.240547	1.37526	1.37526
hcs100b09	84522 JAGN1	0.407101	1.3689	1.3689
hcs100b10		0.778059	1.12751	1.12751
hcs100b11	196394 AMN1	0.578807	1.28582	1.28582
hcs100c01	5170 PDPK1	0.519005	1.28535	1.28535
hcs100c03	10000 AKT3	0.686678	0.962659	-1.03879
hcs100c04	78994 PRR14	0.154145	1.34936	1.34936
hcs100c07		0.313591	0.905077	-1.10488
hcs100d02	9321 TRIP11	0.387797	1.23824	1.23824
hcs100d03	2958 GTF2A2	0.905356	1.01592	1.01592
hcs100d05	6631 SNRPC	0.246	0.973116	-1.02763
hcs100d06	5036 PA2G4	0.004178	0.632082	-1.58207
hcs100d08	5441 POLR2L	0.972603	1.00752	1.00752
hcs100d12	5780 PTPN9	0.703355	1.22097	1.22097
hcs100e03	5371 PML	0.145303	1.65881	1.65881
hcs100e04	7091 TLE4	0.220044	0.895965	-1.11612
hcs100e05	4775 NFATC3	0.260448	0.894139	-1.11839
hcs100e06	11331 PHB2	0.592939	0.922186	-1.08438
hcs100e07		0.724028	1.06682	1.06682

hcs100e09	5090 PBX3	0.605232	0.946595	-1.05642
hcs100e10	8554 PIAS1	0.797041	1.06679	1.06679
hcs100e12	5364 PLXNB1	0.584035	1.12957	1.12957
hcs100f04	55863 TMEM126f	0.401365	0.874511	-1.1435
hcs100f05	51239 ANKRD39	0.465579	1.1691	1.1691
hcs100f08	51076 CUTC	0.762907	0.982055	-1.01827
hcs100g01	29074 MRPL18	0.045644	0.529801	-1.8875
hcs100g02	6120 RPE	0.010817	0.754173	-1.32596
hcs100g03	7697 ZNF138	0.744123	0.900125	-1.11096
hcs100g04	5382 PMS2P4	0.572298	0.955306	-1.04679
hcs100g05		0.539479	0.961287	-1.04027
hcs100g06	23476 BRD4	0.210424	1.27348	1.27348
hcs100g07	79081 C11orf48	0.456596	0.901134	-1.10971
hcs100g10	8665 EIF3F	0.027079	1.41906	1.41906
hcs100h02	83940 TATDN1	0.102805	0.676632	-1.47791
hcs100h04	28996 HIPK2	0.420709	0.846236	-1.1817
hcs100h05	55269 PSPC1	0.494423	0.945747	-1.05737
hcs100h06	54059 YBEY	0.577888	1.13891	1.13891
hcs100h07	57827 C6orf47	0.077044	0.872977	-1.14551
hcs100h09	30011 SH3KBP1	0.679789	0.969485	-1.03148
hcs100h12	29937 NENF	0.079663	0.798914	-1.2517
hcs101a03	65018 PINK1	0.018264	1.56154	1.56154
hcs101a04	51021 MRPS16	0.302923	0.840838	-1.18929
hcs101a06	4171 MCM2	0.873919	0.968575	-1.03244
hcs101b03	54931 RG9MTD1	0.01511	0.644508	-1.55157
hcs101b09	84065 TMEM222	0.58243	1.07503	1.07503
hcs101c01	25880 TMEM186	0.018917	0.825293	-1.21169
hcs101c07	1351 COX8A	0.635271	1.03637	1.03637
hcs101d01	84274 COQ5	0.510949	1.28215	1.28215
hcs101d02	2146 EZH2	0.48951	0.864518	-1.15671
hcs101d04	9167 COX7A2L	0.178009	0.79417	-1.25918
hcs101d05	51668 HSPB11	0.08158	0.786058	-1.27217
hcs101d06	51100 SH3GLB1	0.863875	0.973269	-1.02747
hcs101d07	2237 FEN1	0.436747	0.937165	-1.06705
hcs101d08	10746 MAP3K2	0.472383	1.08194	1.08194
hcs101d10	4548 MTR	0.334543	1.17318	1.17318
hcs101d11	144402 CPNE8	0.027069	1.22421	1.22421
hcs101d12	56970 ATXN7L3	0.507836	1.34731	1.34731
hcs101e01	7468 WHSC1	0.65303	1.0607	1.0607
hcs101e03	340591 CA5BP	0.64051	1.08382	1.08382
hcs101e05	10330 CNPY2	0.649295	0.951304	-1.05119
hcs101e07	391322 LOC391322	0.844128	0.973138	-1.0276
hcs101e09		0.319538	1.33412	1.33412
hcs101f04	51304 ZDHHC3	0.244436	0.7616	-1.31303
hcs101f07	11124 FAF1	0.771667	0.918361	-1.0889
hcs101f10	1665 DHX15	0.251356	0.919789	-1.08721
hcs101f11	57492 ARID1B	0.614932	0.969026	-1.03196

hcs101f12	7324 UBE2E1	0.005154	0.744132	-1.34385
hcs101g03	10491 CRTAP	0.134542	0.746967	-1.33875
hcs101g05	51013 EXOSC1	0.413255	0.86153	-1.16073
hcs101g09	8575 PRKRA	0.263641	1.23206	1.23206
hcs101g10	79001 VKORC1	0.057645	1.26819	1.26819
hcs101h01	6993 DYNLT1	0.851606	0.944023	-1.0593
hcs101h03	5516 PPP2CB	0.233757	0.732641	-1.36492
hcs101h05	6150 MRPL23	0.680888	1.1357	1.1357
hcs101h07	4076 CAPRIN1	0.179936	0.884534	-1.13054
hcs101h08	54994 C20orf11	0.518648	0.972457	-1.02832
hcs101h09	65005 MRPL9	0.036089	0.626774	-1.59547
hcs102a03	8412 BCAR3	0.867419	1.04604	1.04604
hcs102a04	9127 P2RX6	0.834316	1.07941	1.07941
hcs102a09	10127 ZNF263	0.172611	1.14863	1.14863
hcs102a12	284654 RSPO1	0.114173	1.20612	1.20612
hcs102b02		0.601358	1.27296	1.27296
hcs102b04	8078 USP5	0.711248	1.30683	1.30683
hcs102b05	84255 SLC37A3	0.416771	0.883551	-1.1318
hcs102b07	84246 MED10	0.818576	0.964099	-1.03724
hcs102b08	55255 WDR41	0.633111	0.978161	-1.02233
hcs102b09	51295 ECSIT	0.450604	0.940599	-1.06315
hcs102b11	2531 KDSR	0.998731	1.00104	1.00104
hcs102c05	284184 C17orf89	0.77507	1.08308	1.08308
hcs102c09	8337 HIST2H2AA	0.39446	1.11241	1.11241
hcs102d03	122553 TRAPPC6B	0.754021	1.17455	1.17455
hcs102d07	91689 C22orf32	0.409501	0.941967	-1.06161
hcs102d10	201595 STT3B	0.795636	0.956469	-1.04551
hcs102e03	3720 JARID2	0.029025	0.52327	-1.91106
hcs102e05	4795 NFKBIL1	0.840936	0.96945	-1.03151
hcs102e06	11177 BAZ1A	0.213182	0.734267	-1.3619
hcs102e09	29099 COMMD9	0.069757	1.10258	1.10258
hcs102e10	64969 MRPS5	0.789467	0.982976	-1.01732
hcs102e12	11231 SEC63	0.283512	1.14018	1.14018
hcs102f02	8877 SPHK1	0.703433	0.844059	-1.18475
hcs102f03	10492 SYNCRIP	0.461301	1.36769	1.36769
hcs102f05	3189 HNRNPH3	0.841339	0.978095	-1.0224
hcs102f07	11078 TRIOBP	0.037992	0.682406	-1.4654
hcs102f08	1E+08 ZSCAN30	0.956621	1.01092	1.01092
hcs102f11	7818 DAP3	0.905368	0.993575	-1.00647
hcs102f12	6741 SSB	0.002293	0.769791	-1.29905
hcs102g05	81890 QTRT1	0.150624	1.35414	1.35414
hcs102g08	119559 SFXN4	0.25579	1.16662	1.16662
hcs102g11	121260 SLC15A4	0.975975	0.993922	-1.00612
hcs102h02	84303 CHCHD6	0.304382	1.58148	1.58148
hcs102h09	3799 KIF5B	0.856781	0.970024	-1.0309
hcs102h11	10247 HRSP12	0.636381	1.32315	1.32315
hcs103a03	221443 C6orf130	0.704275	1.08915	1.08915

hcs103a04	60528 ELAC2	0.077126	0.682456	-1.4653
hcs103a06	6844 VAMP2	0.560471	1.12159	1.12159
hcs103a07	5080 PAX6	0.058369	0.835213	-1.1973
hcs103a08	7280 TUBB2A	0.542829	0.926275	-1.07959
hcs103a10	1106 CHD2	0.36955	1.0693	1.0693
hcs103a11	64785 GINS3	0.237387	0.862682	-1.15918
hcs103a12	9924 PAN2	0.257619	1.15852	1.15852
hcs103b02	55662 HIF1AN	0.340574	0.808368	-1.23706
hcs103b03	5537 PPP6C	0.352332	0.826681	-1.20966
hcs103b04	10492 SYNCRIP	0.082455	0.661655	-1.51136
hcs103c01	6236 RRAD	0.001819	0.670125	-1.49226
hcs103c02	334 APLP2	0.205972	0.81083	-1.2333
hcs103c06	402 ARL2	0.212177	0.902783	-1.10769
hcs103c08	3480 IGF1R	0.048027	0.774078	-1.29186
hcs103d07	23020 SNRNP200	0.443684	0.885762	-1.12897
hcs103d11	1152 CKB	0.111804	0.939286	-1.06464
hcs103e01	5250 SLC25A3	0.259436	0.856168	-1.168
hcs103e06	83715 ESPN	0.068022	1.26743	1.26743
hcs103e07	8943 AP3D1	0.854511	0.966768	-1.03437
hcs103e08	25807 RHBDD3	0.223432	1.14394	1.14394
hcs103f06	83723 FAM57B	0.86649	0.966836	-1.0343
hcs103f07	2597 GAPDH	0.015841	0.76616	-1.30521
hcs103f09	342667 STAC2	0.231217	1.46175	1.46175
hcs103f11	5957 RCVRN	0.098928	1.66175	1.66175
hcs103g04	11100 HNRNPUL1	0.544533	0.902718	-1.10777
hcs103g05	10991 SLC38A3	0.222286	1.19771	1.19771
hcs103g08	1191 CLU	0.265855	1.34905	1.34905
hcs103g09	5654 HTRA1	0.67252	1.06172	1.06172
hcs103g11	6598 SMARCB1	0.40719	0.880853	-1.13526
hcs103h01	473 RERE	0.419095	1.47376	1.47376
hcs103h02		0.492106	1.15796	1.15796
hcs103h07	10243 GPHN	0.28297	0.784214	-1.27516
hcs103h08	8754 ADAM9	0.000692	0.62184	-1.60813
hcs103h10	6605 SMARCE1	0.992437	0.997815	-1.00219
hcs103h11	10129 FRY	0.11635	0.720158	-1.38858
hcs103h12		0.677366	0.896659	-1.11525
hcs104a01	6863 TAC1	0.112604	0.722548	-1.38399
hcs104a02	94101 ORMDL1	0.544344	1.0607	1.0607
hcs104a03	26225 ARL5A	0.052384	0.738986	-1.35321
hcs104a06	144108 SPTY2D1	0.343234	1.18586	1.18586
hcs104a08	5480 PPIC	0.897604	1.03203	1.03203
hcs104a09	253782 LASS6	0.742048	1.04303	1.04303
hcs104a11	8880 FUBP1	0.353607	1.04961	1.04961
hcs104b03	91404 SESTD1	0.393322	0.806607	-1.23976
hcs104b04	339559 ZNF642	0.685737	0.935949	-1.06843
hcs104b05	10907 TXNL4A	0.093521	0.774848	-1.29058
hcs104b07	90411 MCFD2	0.997512	1.00032	1.00032

hcs104b09	5594	MAPK1	0.204075	0.908214	-1.10106
hcs104b11	1690	COCH	0.674098	1.04675	1.04675
hcs104c03	687	KLF9	0.584317	1.2779	1.2779
hcs104c04	116150	NUS1	0.828825	1.08704	1.08704
hcs104c06	51528	JKAMP	0.481607	1.31486	1.31486
hcs104c07	84909	C9orf3	0.345816	0.850916	-1.1752
hcs104c10	29097	CNIH4	0.044631	1.27136	1.27136
hcs104d01	84146	ZNF644	0.572296	0.780114	-1.28186
hcs104d05			0.837157	1.04205	1.04205
hcs104d09			0.149029	1.46655	1.46655
hcs104d10	23022	PALLD	0.801805	1.03708	1.03708
hcs104d11	254272	TBC1D28	0.026436	1.37206	1.37206
hcs104e02	1349	COX7B	0.15006	0.808884	-1.23627
hcs104e03	3953	LEPR	0.686223	0.929694	-1.07562
hcs104e04	59277	NTN4	0.221525	0.837349	-1.19425
hcs104e06	1386	ATF2	0.808104	1.04515	1.04515
hcs104e08			0.85062	1.04727	1.04727
hcs104e09	57665	RDH14	0.00486	1.21493	1.21493
hcs104e12	29767	TMOD2	0.095452	1.63126	1.63126
hcs104f04	5926	ARID4A	0.3859	1.48136	1.48136
hcs104f06	10923	SUB1	0.563981	1.29198	1.29198
hcs104f07	3084	NRG1	0.528259	1.20086	1.20086
hcs104f11	115352	FCRL3	0.893344	0.927541	-1.07812
hcs104f12	9994	CASP8AP2	0.563983	1.18001	1.18001
hcs104g02			0.881573	0.982652	-1.01765
hcs104g04	80314	EPC1	0.90462	0.979423	-1.02101
hcs104g05			0.07269	0.735549	-1.35953
hcs104g06			0.004725	0.866132	-1.15456
hcs104g08	8992	ATP6V0E1	0.000366	0.674534	-1.4825
hcs104g09			0.654229	1.08184	1.08184
hcs104g11	5638	PRRG1	0.073925	1.35336	1.35336
hcs104g12	51138	COPS4	0.956082	0.993909	-1.00613
hcs104h02	51639	SF3B14	0.402819	1.29229	1.29229
hcs104h03	2764	GMFB	0.46899	1.39805	1.39805
hcs104h04	8195	MKKS	0.322091	1.09654	1.09654
hcs104h05	23150	FRMD4B	0.516985	1.19376	1.19376
hcs104h09			0.68248	1.1859	1.1859
hcs104h10	8803	SUCLA2	0.98321	0.996282	-1.00373
hcs104h12	51186	WBP5	0.862778	1.03101	1.03101
hcs105a01	79447	C16orf53	0.6038	0.913862	-1.09426
hcs105a02	8418	CMAH	0.075548	1.32382	1.32382
hcs105a03	64764	CREB3L2	0.00032	0.535737	-1.86659
hcs105a04	55704	CCDC88A	0.039665	0.672	-1.4881
hcs105a05			0.89537	1.02158	1.02158
hcs105a06	91860	CALML4	0.376106	0.88395	-1.13129
hcs105a07	9113	LATS1	0.223275	0.888867	-1.12503
hcs105a09	135152	B3GAT2	0.453273	1.12901	1.12901

hcs105a10	60487 TRMT11	0.026409	0.736636	-1.35752
hcs105a11	5019 OXCT1	0.042214	0.587111	-1.70326
hcs105a12	80020 FOXRED2	0.090318	0.823106	-1.21491
hcs105b04	55900 ZNF302	0.996475	0.999443	-1.00056
hcs105b05	56986 DTWD1	0.920853	1.0066	1.0066
hcs105b06	54985 HCFC1R1	0.416443	1.17833	1.17833
hcs105b08	50484 RRM2B	0.243041	1.28301	1.28301
hcs105b09	26060 APPL1	0.868723	0.969559	-1.0314
hcs105b12	85313 PPIL4	0.182536	0.772208	-1.29499
hcs105c02		0.003657	0.635679	-1.57312
hcs105c05	59286 UBL5	0.010881	0.73491	-1.36071
hcs105c06	170622 COMMD6	0.205546	1.36213	1.36213
hcs105c08	91298 C12orf29	0.830301	0.967111	-1.03401
hcs105d05	26135 SERBP1	0.531541	0.91969	-1.08732
hcs105d06	285203 C3orf64	0.868349	1.05027	1.05027
hcs105d08	6817 SULT1A1	0.123441	1.5661	1.5661
hcs105d09	11190 CEP250	0.623097	0.884501	-1.13058
hcs105d12	10324 KBTBD10	0.248471	0.921315	-1.08541
hcs105e01	84661 DPY30	0.294932	0.849798	-1.17675
hcs105e02	81875 ISG20L2	0.626304	0.956512	-1.04547
hcs105e03	1654 DDX3X	0.241606	0.904849	-1.10516
hcs105e07	2790 GNG10	0.692509	0.911529	-1.09706
hcs105e08	55000 TUG1	0.143868	1.27852	1.27852
hcs105e10	988 CDC5L	0.165849	1.24922	1.24922
hcs105e12		0.379271	1.27444	1.27444
hcs105f01	8780 RIOK3	0.307605	1.2174	1.2174
hcs105f02	23312 DMXL2	0.086283	0.897143	-1.11465
hcs105f04	22836 RHOBTB3	0.994069	0.998679	-1.00132
hcs105f05	118924 FRA10AC1	0.496737	1.14892	1.14892
hcs105f06	6170 RPL39	0.015741	1.41367	1.41367
hcs105f07	6917 TCEA1	0.767864	0.976218	-1.02436
hcs105f10	3176 HNMT	0.130078	1.10034	1.10034
hcs105f11	54386 TERF2IP	0.003215	0.678541	-1.47375
hcs105g01		0.670882	0.939294	-1.06463
hcs105g02	83930 STARD3NL	0.989965	1.0046	1.0046
hcs105g04	89874 SLC25A21	0.06142	0.867368	-1.15291
hcs105g05	131118 DNAJC19	0.965329	1.01087	1.01087
hcs105g07	347240 KIF24	0.380442	0.961608	-1.03992
hcs105g09	54968 TMEM70	0.847953	1.06216	1.06216
hcs105g10	5771 PTPN2	0.46951	0.923557	-1.08277
hcs105g12	1027 CDKN1B	0.959885	1.01882	1.01882
hcs105h02	1948 EFNB2	0.193372	1.60954	1.60954
hcs105h03		0.023834	0.791866	-1.26284
hcs105h06	5350 PLN	0.263703	1.18499	1.18499
hcs105h07		0.979836	1.00539	1.00539
hcs105h08	51255 RNF181	0.039855	1.5281	1.5281
hcs105h10	10153 CEBPZ	0.688759	0.984363	-1.01589

hcs105h11	2013 EMP2	0.19595	0.879553	-1.13694
hcs106a01	84991 RBM17	0.08853	1.09955	1.09955
hcs106a03	5270 SERPINE2	0.246238	0.893599	-1.11907
hcs106a04	51122 COMMD2	0.066088	0.880316	-1.13596
hcs106a05	23456 ABCB10	0.002287	0.655581	-1.52536
hcs106a06	23333 DPY19L1	0.70493	1.12013	1.12013
hcs106a07	3376 IARS	0.25792	0.928753	-1.07671
hcs106a09	28981 IFT81	0.916796	1.01364	1.01364
hcs106b01	55664 CDC37L1	0.588787	1.18382	1.18382
hcs106b04	79031 PDCL3	0.254872	0.896358	-1.11563
hcs106b05	8813 DPM1	0.858613	0.967444	-1.03365
hcs106b06	132321 C4orf33	0.106297	0.863939	-1.15749
hcs106b07	51277 DNAJC27	0.747478	1.07877	1.07877
hcs106b10	6093 ROCK1	0.612661	0.92483	-1.08128
hcs106c02	80145 THOC7	0.10735	0.76389	-1.30909
hcs106c05	56255 TMX4	0.594805	0.948463	-1.05434
hcs106c06	4942 OAT	0.60048	1.13179	1.13179
hcs106c07	2990 GUSB	0.673426	1.06737	1.06737
hcs106c08	55717 WDR11	0.61018	0.893614	-1.11905
hcs106d03	51187 RSL24D1	0.235973	0.848944	-1.17793
hcs106d04	514 ATP5E	0.088908	0.72605	-1.37732
hcs106d05	8905 AP1S2	0.434825	0.916472	-1.09114
hcs106d06	6400 SEL1L	0.110921	0.866264	-1.15438
hcs106d07	79762 C1orf115	0.074771	1.32111	1.32111
hcs106d08	64983 MRPL32	0.522134	1.18474	1.18474
hcs106e02	57045 TWSG1	0.590831	0.829222	-1.20595
hcs106e03	7320 UBE2B	0.799395	1.02683	1.02683
hcs106e06	8467 SMARCA5	0.445977	0.904603	-1.10546
hcs106e08	23657 SLC7A11	0.195576	1.55024	1.55024
hcs106e09	5074 PAWR	0.990909	1.00305	1.00305
hcs106e10	64092 SAMSN1	0.007952	0.616579	-1.62185
hcs106f02	9738 CP110	0.7892	1.03307	1.03307
hcs106f03	1854 DUT	0.0961	0.861088	-1.16132
hcs106f04	7295 TXN	0.428397	0.820783	-1.21835
hcs106f06	9439 MED23	0.694603	1.14402	1.14402
hcs106f07	6879 TAF7	0.972919	0.992473	-1.00758
hcs106f08		0.207168	0.874712	-1.14323
hcs106f10	9541 CIR1	0.002035	0.742805	-1.34625
hcs106f12	375743 PTAR1	0.521974	1.1779	1.1779
hcs106g02	56683 C21orf59	0.286136	0.86126	-1.16109
hcs106g04		0.258308	0.837108	-1.19459
hcs106g05	10910 SUGT1	0.095289	0.840258	-1.19011
hcs106g07	2770 GNAI1	0.434663	1.05907	1.05907
hcs106g09	4753 NELL2	0.222714	0.793284	-1.26058
hcs106g10	5813 PURA	0.949788	1.00516	1.00516
hcs106g12	1399 CRKL	0.805442	1.04513	1.04513
hcs106h02	6135 RPL11	0.684734	0.937591	-1.06656

hcs106h05	22918 CD93	0.002166	0.722513	-1.38406
hcs106h08	6832 SUPV3L1	0.934111	0.993334	-1.00671
hcs107a04	136647 C7orf11	0.280858	0.928515	-1.07699
hcs107a05	148867 SLC30A7	0.151541	0.721878	-1.38528
hcs107a09	60485 SAV1	0.8443	1.02089	1.02089
hcs107a10	7727 ZNF174	0.220247	1.11473	1.11473
hcs107a12	3977 LIFR	0.002573	0.578163	-1.72962
hcs107b06	1387 CREBBP	0.118626	0.881377	-1.13459
hcs107b08	5079 PAX5	0.305465	0.91817	-1.08912
hcs107b10	521 ATP5I	0.513115	0.862953	-1.15881
hcs107b12	6950 TCP1	0.010957	0.766291	-1.30499
hcs107c01	57336 ZNF287	0.069624	0.831048	-1.2033
hcs107c02	10558 SPTLC1	0.487024	0.923296	-1.08308
hcs107c03	6232 RPS27	0.22683	1.88357	1.88357
hcs107c05	4651 MYO10	0.101827	0.928292	-1.07725
hcs107c07	51118 UTP11L	0.879011	0.966769	-1.03437
hcs107c08	30001 ERO1L	0.529707	0.919921	-1.08705
hcs107c09	2107 ETF1	0.03277	0.830698	-1.20381
hcs107c12	27332 ZNF638	0.645197	0.961162	-1.04041
hcs107d05	7358 UGDH	0.612232	0.97842	-1.02206
hcs107d06	64393 ZMAT3	0.090909	1.3722	1.3722
hcs107d07		0.775214	0.920888	-1.08591
hcs107d10		0.742288	1.21821	1.21821
hcs107d11	84272 YIPF4	0.000763	0.815003	-1.22699
hcs107d12	164781 WDR69	0.558899	0.971087	-1.02977
hcs107e01	196074 METT5D1	0.585545	0.911062	-1.09762
hcs107e02	10200 MPHOSPH6	0.096621	0.677258	-1.47654
hcs107e03	140739 UBE2F	0.027066	0.763866	-1.30913
hcs107e04	6304 SATB1	0.007714	0.616905	-1.621
hcs107e06	6894 TARBP1	0.942968	0.989015	-1.01111
hcs107e07	4801 NFYB	0.446763	0.917879	-1.08947
hcs107e08	729852 LOC729852	0.359512	0.827548	-1.20839
hcs107e09	10476 ATP5H	0.972432	0.993384	-1.00666
hcs107e11	94101 ORMDL1	0.042914	1.21215	1.21215
hcs107f04	3953 LEPR	0.941233	1.00944	1.00944
hcs107f05	9043 SPAG9	0.662678	0.980979	-1.01939
hcs107f06		0.268053	1.36853	1.36853
hcs107f08	339327 ZNF546	0.096961	0.811148	-1.23282
hcs107f09	10966 RAB40B	0.219205	0.811972	-1.23157
hcs107f11	157247 MGC27345	0.139514	1.18978	1.18978
hcs107g04	64395 GMCL1	0.178463	0.818138	-1.22229
hcs107g05	58525 WIZ	0.265512	0.759069	-1.3174
hcs107g09	657 BMPR1A	0.843885	0.97816	-1.02233
hcs107g12	51496 CTDSPL2	0.808162	1.06298	1.06298
hcs107h04	51218 GLRX5	0.023963	0.6	-1.66667
hcs107h07	10294 DNAJA2	0.217174	0.748901	-1.33529
hcs108a01		0.274383	1.50476	1.50476

hcs108a04	6782 HSPA13	0.291596	0.835932	-1.19627
hcs108a06	6648 SOD2	0.000641	0.786512	-1.27144
hcs108a08		0.415386	1.14661	1.14661
hcs108a09	84946 LTV1	0.562283	0.910718	-1.09803
hcs108a11	201283 AMZ2P1	0.072778	0.840812	-1.18933
hcs108c01	10413 YAP1	0.477884	0.865005	-1.15606
hcs108c05		0.040239	0.828955	-1.20634
hcs108c06	22911 WDR47	0.69022	1.32252	1.32252
hcs108c11	6428 SRSF3	0.453997	0.853483	-1.17167
hcs108d05	5756 TWF1	0.009531	0.759819	-1.3161
hcs108d10	8125 ANP32A	0.260058	0.844428	-1.18423
hcs108d12	3682 ITGAE	0.038186	0.864459	-1.15679
hcs108e02	4952 OCRL	0.457902	1.39348	1.39348
hcs108e03	9861 PSMD6	0.504482	1.3922	1.3922
hcs108e04		0.015264	0.792738	-1.26145
hcs108e07		0.328389	0.891254	-1.12201
hcs108e09	2108 ETFA	0.989044	0.995493	-1.00453
hcs108e10	8723 SNX4	0.019943	0.678252	-1.47438
hcs108f04		0.547489	0.892619	-1.1203
hcs108f07	2239 GPC4	0.091633	1.16311	1.16311
hcs108f12	6675 UAP1	0.070389	0.682469	-1.46527
hcs108g01	26127 FGFR1OP2	0.229092	0.836717	-1.19515
hcs108g02	6157 RPL27A	0.934219	1.00719	1.00719
hcs108g05	3842 TNPO1	0.595725	1.22811	1.22811
hcs108g07	10109 ARPC2	0.005757	0.770097	-1.29854
hcs108g08	9551 ATP5J2	0.68938	0.931896	-1.07308
hcs108g09	80012 PHC3	0.727009	1.21867	1.21867
hcs108g10		0.92729	0.962351	-1.03912
hcs108g11	647979 LOC647979	0.436229	1.09389	1.09389
hcs108h06	29889 GNL2	0.161542	0.802854	-1.24556
hcs108h10	4666 NACA	0.000961	0.635922	-1.57252
hcs108h12	6143 RPL19	0.102438	1.20572	1.20572
hcs109a01	84140 FAM161A	0.022238	0.675838	-1.47964
hcs109a02	5962 RDX	0.662627	1.25282	1.25282
hcs109a04	7769 ZNF226	0.262112	0.826132	-1.21046
hcs109a05	26511 CHIC2	0.535771	1.29873	1.29873
hcs109a06	348110 C15orf38	0.431632	1.35573	1.35573
hcs109a08		0.715172	1.24506	1.24506
hcs109a09	153339 TMEM167A	0.395364	0.821576	-1.21717
hcs109a10	4089 SMAD4	0.067143	1.06467	1.06467
hcs109a11	54677 CROT	0.223563	1.29072	1.29072
hcs109b01	4694 NDUFA1	0.09096	0.836022	-1.19614
hcs109b02	167227 DCP2	0.482117	0.770632	-1.29764
hcs109b04	9653 HS2ST1	0.923761	0.984123	-1.01613
hcs109b05	57826 RAP2C	0.011032	0.717624	-1.39349
hcs109b06	285550 FAM200B	0.174494	0.851641	-1.1742
hcs109c01	64343 AZI2	0.349191	0.743915	-1.34424

hcs109c03	51072 MEMO1	0.9679	0.985865	-1.01434
hcs109c04	10289 EIF1B	0.99863	0.999443	-1.00056
hcs109c07	120103 SLC36A4	0.098955	0.684538	-1.46084
hcs109c08	57703 CWC22	0.070833	0.644663	-1.5512
hcs109c12	27249 MMADHC	0.042035	1.10439	1.10439
hcs109d01	31 ACACA	0.458849	1.10432	1.10432
hcs109d04	9444 QKI	0.7239	1.12196	1.12196
hcs109d05	57129 MRPL47	0.069686	0.804767	-1.2426
hcs109d06	9039 UBA3	0.090216	1.14403	1.14403
hcs109d07	23011 RAB21	0.461493	0.953707	-1.04854
hcs109d12	79718 TBL1XR1	0.882976	0.986518	-1.01367
hcs109e03	55471 C2orf56	0.00094	0.592007	-1.68917
hcs109e05	29968 PSAT1	0.005553	1.43658	1.43658
hcs109e07	51714 SELT	0.317107	1.09161	1.09161
hcs109e09	221178 SPATA13	0.498291	1.06134	1.06134
hcs109e11	3364 HUS1	0.289648	0.825242	-1.21177
hcs109f03	11163 NUDT4	0.522499	0.9653	-1.03595
hcs109f05	9616 RNF7	0.119739	0.778083	-1.28521
hcs109f06	54069 C21orf45	0.063983	0.782108	-1.2786
hcs109f08	6210 RPS15A	0.118643	1.49507	1.49507
hcs109f11	5494 PPM1A	0.066502	0.90733	-1.10213
hcs109f12		0.77505	1.0379	1.0379
hcs109g01	51012 SLMO2	0.00784	0.863666	-1.15786
hcs109g04	9378 NRXN1	0.831376	1.012	1.012
hcs109g05	23601 CLEC5A	0.170063	0.903127	-1.10726
hcs109g06	94239 H2AFV	0.032432	0.766733	-1.30423
hcs109g07	11098 PRSS23	0.03233	0.804225	-1.24343
hcs109g08	79739 TTL7	0.161476	0.899004	-1.11234
hcs109g11	2353 FOS	0.995668	0.999439	-1.00056
hcs109h02	7465 WEE1	0.411454	1.51598	1.51598
hcs109h03	10048 RANBP9	0.377939	0.866851	-1.1536
hcs109h05	9516 LITAF	0.264846	1.20273	1.20273
hcs109h07	5701 PSMC2	0.941219	1.02059	1.02059
hcs109h09	4976 OPA1	0.855911	0.974269	-1.02641
hcs109h11	840 CASP7	0.350272	0.911513	-1.09708
hcs110a08		0.989018	1.00529	1.00529
hcs110a09	79893 GGNBP2	0.907571	0.973705	-1.02701
hcs110a11	130507 UBR3	0.717388	0.946451	-1.05658
hcs110a12		0.831655	0.979733	-1.02069
hcs110b02		0.579984	1.06091	1.06091
hcs110b03	7326 UBE2G1	0.052431	0.770255	-1.29827
hcs110b04	51144 HSD17B12	0.00032	0.733617	-1.36311
hcs110b06	3998 LMAN1	0.310279	0.865435	-1.15549
hcs110b07	728190 LOC72819C	0.421596	1.40828	1.40828
hcs110b10	10915 TCERG1	0.148075	0.757936	-1.31937
hcs110b11	51430 C1orf9	0.52927	1.05204	1.05204
hcs110c10	10771 ZMYND11	0.669159	1.09579	1.09579

hcs110d02		0.310574	1.41557	1.41557
hcs110d04	7026 NR2F2	0.857204	1.05422	1.05422
hcs110d08	7291 TWIST1	0.021771	1.13856	1.13856
hcs110d09		0.724762	0.987206	-1.01296
hcs110e02		0.762045	0.929238	-1.07615
hcs110e03	7905 REEP5	0.006002	0.65693	-1.52223
hcs110e07	389677 RBM12B	0.634999	0.905691	-1.10413
hcs110e09	22982 DIP2C	0.475315	1.05701	1.05701
hcs110f01	135293 PM20D2	0.738862	1.05884	1.05884
hcs110f02	90701 SEC11C	0.097325	0.666271	-1.50089
hcs110f03	5716 PSMD10	0.339838	0.812191	-1.23124
hcs110f05	5494 PPM1A	0.440296	1.13287	1.13287
hcs110f06	57149 LYRM1	0.466294	0.855199	-1.16932
hcs110f07	5635 PRPSAP1	0.886332	0.956465	-1.04552
hcs110f08	79675 FASTKD1	0.502837	0.943681	-1.05968
hcs110f09	4040 LRP6	0.018478	0.915181	-1.09268
hcs110f10	10142 AKAP9	0.198926	1.40971	1.40971
hcs110g01	345778 MTX3	0.830449	0.963928	-1.03742
hcs110g02	23451 SF3B1	0.012903	0.713894	-1.40077
hcs110g04	7091 TLE4	0.384549	0.823459	-1.21439
hcs110g06	10472 ZNF238	0.115867	0.855469	-1.16895
hcs110g08	25852 ARMC8	0.406727	0.906322	-1.10336
hcs110h01	54534 MRPL50	0.014315	0.681162	-1.46808
hcs110h02	79647 AKIRIN1	0.746107	1.0498	1.0498
hcs110h07	1022 CDK7	0.780143	1.07621	1.07621
hcs110h09	6477 SIAH1	0.607266	1.10381	1.10381
hcs110h11	22930 RAB3GAP1	0.735146	1.03588	1.03588
hcs111a04	129531 MITD1	0.204865	0.918728	-1.08846
hcs111a09	440400 RNASEK	0.129662	1.35838	1.35838
hcs111a11	6227 RPS21	0.17356	1.80962	1.80962
hcs111b04	11112 HIBADH	0.279319	0.692533	-1.44397
hcs111b12	7979 SHFM1	0.030821	0.560052	-1.78555
hcs111c03	9589 WTAP	0.05215	0.743047	-1.34581
hcs111c04	51133 KCTD3	0.371987	0.907276	-1.1022
hcs111c05	23387 SIK3	0.152956	1.15262	1.15262
hcs111c10	1314 COPA	0.734618	0.932223	-1.0727
hcs111c11	4076 CAPRIN1	0.669546	0.954757	-1.04739
hcs111d08	140735 DYNLL2	0.020094	0.804267	-1.24337
hcs111d10	135114 HINT3	0.679427	0.888132	-1.12596
hcs111d11	29979 UBQLN1	0.543917	0.82134	-1.21752
hcs111e02	11311 VPS45	0.575595	1.2469	1.2469
hcs111e03	6235 RPS29	0.268455	1.63749	1.63749
hcs111e04	6232 RPS27	0.096113	1.80117	1.80117
hcs111e05	3658 IREB2	0.014882	0.661099	-1.51263
hcs111e07	79101 TAF1D	0.234238	0.716447	-1.39578
hcs111e08	10539 GLRX3	0.079945	0.813634	-1.22905
hcs111e09	128637 TBC1D20	0.231054	1.4451	1.4451

hcs111e10	10588 MTHFS	0.848044	1.04265	1.04265
hcs111e11	8545 CGGBP1	0.036595	0.755425	-1.32376
hcs111f01	285381 DPH3	0.360887	0.844944	-1.18351
hcs111f02	54545 MTMR12	0.474114	1.14301	1.14301
hcs111f08	3638 INSIG1	0.081605	0.707422	-1.41358
hcs111g03	55847 CISD1	0.596522	0.891967	-1.12112
hcs111g05	5105 PCK1	0.214826	0.791923	-1.26275
hcs111g06	10672 GNA13	0.645103	0.951626	-1.05083
hcs111g07	8405 SPOP	0.442588	1.3712	1.3712
hcs111g08	728492 SERF1B	0.159129	0.822522	-1.21577
hcs111g11	399491 LOC399491	0.934363	1.01425	1.01425
hcs111h03	5836 PYGL	0.166622	0.899271	-1.11201
hcs111h04	55699 IARS2	0.00806	0.757658	-1.31986
hcs111h05	3178 HNRNPA1	0.005869	0.764963	-1.30725
hcs111h06		0.289806	1.0961	1.0961
hcs111h09	84656 GLYR1	0.764897	0.972144	-1.02865
hcs112a03	10097 ACTR2	0.002116	0.618195	-1.61761
hcs112a06		0.70174	0.904539	-1.10554
hcs112a07	2252 FGF7	0.256785	1.20359	1.20359
hcs112a09	2135 EXTL2	0.594124	0.95128	-1.05122
hcs112a12	51095 TRNT1	0.347396	1.38035	1.38035
hcs112b03	51253 MRPL37	0.079201	0.86192	-1.1602
hcs112b07	9643 MORF4L2	0.113863	0.947953	-1.0549
hcs112b10	10730 YME1L1	0.114712	0.804761	-1.2426
hcs112c02	1E+08 LOC100294	0.785714	1.04351	1.04351
hcs112c03	6124 RPL4	0.003136	1.39014	1.39014
hcs112c07	285148 IAH1	0.712201	0.927318	-1.07838
hcs112c09	3417 IDH1	0.000174	0.752073	-1.32966
hcs112c11	71 ACTG1	0.019007	0.717337	-1.39404
hcs112d05	3073 HEXA	0.84188	1.06768	1.06768
hcs112d06	55743 CHFR	0.195487	1.6696	1.6696
hcs112d08	5888 RAD51	0.249899	1.27799	1.27799
hcs112d09		0.963115	1.01398	1.01398
hcs112d12	6188 RPS3	0.001246	1.52516	1.52516
hcs112e02	55565 ZNF821	0.066181	1.25569	1.25569
hcs112e06	1289 COL5A1	0.881263	1.03828	1.03828
hcs112e08	23521 RPL13A	0.012279	1.73091	1.73091
hcs112e10	11010 GLIPR1	0.940064	1.00369	1.00369
hcs112e11	29926 GMPPA	0.051424	0.715871	-1.3969
hcs112f01	55005 RMND1	0.457756	0.918769	-1.08841
hcs112f02	64599 GIGYF1	0.262539	1.12556	1.12556
hcs112f04	81493 SYNC	0.007602	0.890699	-1.12271
hcs112f06	8087 FXR1	0.072825	0.805852	-1.24092
hcs112f08		0.035544	1.17109	1.17109
hcs112f10	23536 ADAT1	0.009602	0.850126	-1.1763
hcs112g03	51185 CRBN	0.353919	0.875358	-1.14239
hcs112g09	1933 EEF1B2	0.002272	1.20911	1.20911

hcs112g10	1503 CTPS	0.074999	0.719565	-1.38973
hcs112g12	64770 CCDC14	0.737205	0.961616	-1.03992
hcs112h01	338382 RAB7B	0.658728	0.923037	-1.08338
hcs112h02	51400 PPME1	0.040635	0.79861	-1.25218
hcs112h03	7182 NR2C2	0.224297	0.948245	-1.05458
hcs112h06	83440 ADPGK	0.065127	1.10831	1.10831
hcs112h07	63891 RNF123	0.762169	0.992133	-1.00793
hcs112h08	5325 PLAGL1	0.971325	1.01422	1.01422
hcs112h11	401466 C8orf59	0.14689	0.749749	-1.33378
hcs113a01	23002 DAAM1	0.625246	0.939306	-1.06462
hcs113a03	1870 E2F2	0.336703	1.30956	1.30956
hcs113a05	5018 OXA1L	0.947551	0.989446	-1.01067
hcs113b03	2074 ERCC6	0.108406	0.752996	-1.32803
hcs113b04	84259 DCUN1D5	0.894218	0.985487	-1.01473
hcs113b05	121457 IKBIP	0.542891	0.912045	-1.09644
hcs113b06	7431 VIM	0.452773	0.876584	-1.14079
hcs113b07	7110 TMF1	0.827795	1.01982	1.01982
hcs113b10	22998 LIMCH1	0.838031	1.07907	1.07907
hcs113c01	84186 ZCCHC7	0.261577	1.12284	1.12284
hcs113c03	4701 NDUFA7	0.299632	1.34411	1.34411
hcs113c04	8038 ADAM12	0.937984	1.01834	1.01834
hcs113c06	26092 TOR1AIP1	0.268701	0.87712	-1.14009
hcs113c07	51714 SELT	0.980483	1.00286	1.00286
hcs113c08	4053 LTBP2	0.456953	1.11702	1.11702
hcs113c09	4864 NPC1	0.999954	0.999994	-1.00001
hcs113c10	9318 COPS2	0.967723	0.996846	-1.00316
hcs113c11	286148 DPY19L4	0.975466	1.00302	1.00302
hcs113c12	3476 IGBP1	0.56651	0.944169	-1.05913
hcs113d05	53917 RAB24	0.552437	0.92268	-1.0838
hcs113d07	158 ADSL	0.399745	0.827342	-1.20869
hcs113d08	378 ARF4	0.381514	1.33452	1.33452
hcs113d09		0.765322	0.962083	-1.03941
hcs113d09	1809 DPYSL3	0.765322	0.962083	-1.03941
hcs113d10	9101 USP8	0.90361	1.0071	1.0071
hcs113d12	55623 THUMPD1	0.444114	1.07224	1.07224
hcs113e01	26266 SLC13A4	0.303153	1.49456	1.49456
hcs113e02	221061 FAM171A1	0.837108	1.0233	1.0233
hcs113e04	54881 TEX10	0.250494	1.23733	1.23733
hcs113e05	65220 NADK	0.468817	0.889533	-1.12419
hcs113e07	5328 PLAU	0.207714	1.16569	1.16569
hcs113e08	55628 ZNF407	0.308352	2.38274	2.38274
hcs113e09	26140 TTLL3	0.544015	1.08146	1.08146
hcs113e10	2098 ESD	0.498149	1.0928	1.0928
hcs113e11	153830 RNF145	0.430573	1.41327	1.41327
hcs113f01	3486 IGFBP3	0.321991	0.925255	-1.08078
hcs113f02	23583 SMUG1	0.248215	0.882088	-1.13367
hcs113f03	51092 SIDT2	0.159049	1.18023	1.18023

hcs113f04	112398 EGLN2	0.099635	0.872044	-1.14673
hcs113f05	3735 KARS	0.724045	0.963196	-1.03821
hcs113f07	10069 RWDD2B	0.125016	0.849672	-1.17692
hcs113f08	22856 CHSY1	0.785589	1.06656	1.06656
hcs113f09	64065 PERP	0.043556	0.924568	-1.08159
hcs113f10	63876 PKNOX2	0.953248	0.98824	-1.0119
hcs113f11	25890 ABI3BP	0.107079	1.20657	1.20657
hcs113f12	104 ADARB1	0.618223	1.08432	1.08432
hcs113g03	1500 CTNND1	0.504302	0.938591	-1.06543
hcs113g04	2036 EPB41L1	0.057315	0.785065	-1.27378
hcs113g05	3954 LETM1	0.287349	0.804426	-1.24312
hcs113g06	2801 GOLGA2	0.409242	0.928093	-1.07748
hcs113g07	51098 IFT52	0.157467	1.10627	1.10627
hcs113g08	8614 STC2	0.910689	1.00907	1.00907
hcs113g09	150368 FAM109B	0.838685	1.01786	1.01786
hcs113g10	4008 LMO7	0.061078	1.09364	1.09364
hcs113g11	8220 DGCR14	0.885193	0.970558	-1.03034
hcs113g12	79829 NAA40	0.088732	1.23936	1.23936
hcs113h02	55100 WDR70	0.491301	1.09034	1.09034
hcs113h03	54851 ANKRD49	0.388955	1.66215	1.66215
hcs113h06	387758 FIBIN	0.993625	0.999106	-1.00089
hcs113h07	54517 PUS7	0.94321	0.986212	-1.01398
hcs113h08	55384 MEG3	0.736967	1.01273	1.01273
hcs113h09	372 ARCN1	0.093267	0.926017	-1.07989
hcs113h10	54464 XRN1	0.589487	0.935265	-1.06922
hcs113h12	55669 MFN1	0.567709	1.01981	1.01981
hcs114a03	81573 ANKRD13C	0.651595	0.969599	-1.03135
hcs114a04	84991 RBM17	0.055328	0.896722	-1.11517
hcs114a05	7076 TIMP1	0.019329	1.80918	1.80918
hcs114a06	79932 KIAA0319L	0.505543	1.07848	1.07848
hcs114a07	7019 TFAM	0.422967	1.08704	1.08704
hcs114a08	85027 C5orf62	0.718065	1.36596	1.36596
hcs114a10		0.63442	0.956759	-1.0452
hcs114a11	58491 ZNF71	0.891472	1.00949	1.00949
hcs114a12	476 ATP1A1	0.05612	1.31279	1.31279
hcs114b01	10838 ZNF275	0.952959	0.996007	-1.00401
hcs114b02	55163 PNPO	0.909789	0.976823	-1.02373
hcs114b03	9262 STK17B	0.3841	1.16423	1.16423
hcs114b04	83660 TLN2	0.024837	0.86988	-1.14958
hcs114b06	64342 HS1BP3	0.300221	1.15932	1.15932
hcs114b07	686 BTB	0.676857	1.0165	1.0165
hcs114b10	79441 HAUS3	0.00402	0.819882	-1.21969
hcs114b11	55869 HDAC8	0.669123	1.12668	1.12668
hcs114c02	1645 AKR1C1	0.41294	1.09131	1.09131
hcs114c03	4154 MBNL1	0.197373	1.4263	1.4263
hcs114c04	113 ADCY7	0.223724	0.890254	-1.12327
hcs114c05	8565 YARS	0.490639	0.9538	-1.04844

hcs114c07	11031 RAB31	0.127431	1.06644	1.06644
hcs114c08	23471 TRAM1	0.147314	0.831022	-1.20334
hcs114c10	9410 SNRNP40	0.206437	1.13022	1.13022
hcs114c11	123169 LEO1	0.359429	0.941495	-1.06214
hcs114c12	5347 PLK1	0.942505	0.993008	-1.00704
hcs114d01	79139 DERL1	0.658064	0.886969	-1.12744
hcs114d04	5631 PRPS1	0.146221	1.22262	1.22262
hcs114d06	54414 SIAE	0.059253	1.45401	1.45401
hcs114d07		0.023425	0.790383	-1.26521
hcs114d08	1660 DHX9	0.318284	0.82782	-1.20799
hcs114d09	55209 SETD5	0.138332	0.943359	-1.06004
hcs114d10	7372 UMPS	0.434374	1.13509	1.13509
hcs114d12	5605 MAP2K2	0.219219	0.907336	-1.10213
hcs114e04	29924 EPN1	0.717372	1.04721	1.04721
hcs114e05	26263 FBXO22	0.250318	0.874946	-1.14293
hcs114e06	55037 PTCD3	0.069406	0.880913	-1.13519
hcs114e07	139322 APOOL	0.920324	1.04374	1.04374
hcs114e08	6574 SLC20A1	0.241692	1.13852	1.13852
hcs114e09	23344 ESYT1	0.053387	1.22336	1.22336
hcs114e10	23082 PPRC1	0.173907	1.12676	1.12676
hcs114e12	23160 WDR43	0.15851	1.1293	1.1293
hcs114f01	9881 TRANK1	0.443446	0.842187	-1.18738
hcs114f02	29079 MED4	0.037675	0.83773	-1.1937
hcs114f03	23603 CORO1C	0.947958	0.992141	-1.00792
hcs114f04	9697 TRAM2	0.096025	0.654285	-1.52839
hcs114f05	388566 ZNF470	0.63591	1.10484	1.10484
hcs114f06	284454 LOC284454	0.661507	1.13529	1.13529
hcs114f07	1460 CSNK2B	0.065978	1.10421	1.10421
hcs114f08	80179 MYO19	0.683373	0.943042	-1.0604
hcs114f09	55246 CCDC25	0.528759	0.949993	-1.05264
hcs114f10	1798 DPAGT1	0.47502	1.13904	1.13904
hcs114f11		0.009086	1.43663	1.43663
hcs114g03	30846 EHD2	0.066809	0.693679	-1.44159
hcs114g04	10845 CLPX	0.85779	0.972478	-1.0283
hcs114g05	84153 RNASEH2C	0.553384	1.12188	1.12188
hcs114g06	1973 EIF4A1	0.854475	0.984387	-1.01586
hcs114g07	285958 C7orf40	0.869609	1.04502	1.04502
hcs114g08	10036 CHAF1A	0.490986	1.21363	1.21363
hcs114g09	83786 FRMD8	0.908029	0.991943	-1.00812
hcs114g11	55133 SRBD1	0.815885	0.986338	-1.01385
hcs114g12	29071 C1GALT1C1	0.189614	1.10015	1.10015
hcs114h01	22880 MORC2	0.358304	1.27615	1.27615
hcs114h03	5411 PNN	0.064485	0.677347	-1.47635
hcs114h04	1874 E2F4	0.986574	1.00197	1.00197
hcs114h05	64115 C10orf54	0.424787	0.87759	-1.13948
hcs114h08	7371 UCK2	0.042936	1.10317	1.10317
hcs114h09	154007 SNRNP48	0.971247	0.99817	-1.00183

hcs114h10	55252 ASXL2	0.132438	1.14558	1.14558
hcs114h11	6744 SSFA2	0.016258	0.803551	-1.24448
hcs114h12	24140 FTSJ1	0.806693	1.09449	1.09449
hcs115a02	6231 RPS26	0.796651	1.04689	1.04689
hcs115a03	55230 USP40	0.899084	1.03194	1.03194
hcs115a04	8886 DDX18	0.054597	0.580984	-1.72122
hcs115a05	286262 TPRN	0.186455	0.836091	-1.19604
hcs115a06	22993 HMGXB3	0.071433	0.761708	-1.31284
hcs115a07	23218 NBEAL2	0.977915	0.994537	-1.00549
hcs115a08	4074 M6PR	0.01304	0.835862	-1.19637
hcs115a10	6745 SSR1	0.01983	1.56652	1.56652
hcs115b01	26271 FBXO5	0.579281	1.13614	1.13614
hcs115b02	64398 MPP5	0.942451	1.00502	1.00502
hcs115b03	9274 BCL7C	0.624124	1.07723	1.07723
hcs115b04	80351 TNKS2	0.764928	0.977337	-1.02319
hcs115b05	55357 TBC1D2	0.693229	1.04446	1.04446
hcs115b06	29093 MRPL22	0.035727	0.80707	-1.23905
hcs115b11	54602 NDFIP2	0.078186	1.23803	1.23803
hcs115c01	6645 SNTB2	0.201486	0.761096	-1.31389
hcs115c02	25962 KIAA1429	0.411038	1.0843	1.0843
hcs115c03		0.270997	0.741383	-1.34883
hcs115c04	48 ACO1	0.103928	0.730333	-1.36924
hcs115c06	55745 MUDENG	0.149435	1.30176	1.30176
hcs115c07	995 CDC25C	0.338736	1.33174	1.33174
hcs115c08	84617 TUBB6	0.284479	0.859469	-1.16351
hcs115c09	1915 EEF1A1	0.019237	1.3846	1.3846
hcs115c10	51260 CXorf26	0.436466	1.11835	1.11835
hcs115c11	65059 RAPH1	0.021276	1.26418	1.26418
hcs115c12	6505 SLC1A1	0.622251	0.882353	-1.13333
hcs115d01	54751 FBLIM1	0.494888	0.781396	-1.27976
hcs115d02	7741 ZNF187	0.155026	0.724207	-1.38082
hcs115d03	246330 PELI3	0.290851	0.779673	-1.28259
hcs115d04	30001 ERO1L	0.059855	0.924684	-1.08145
hcs115d05	8614 STC2	0.854774	0.977077	-1.02346
hcs115d06	4254 KITLG	0.058923	1.26445	1.26445
hcs115d07	8834 TMEM11	0.384795	1.29006	1.29006
hcs115d09	57050 UTP3	0.935115	1.00817	1.00817
hcs115d10	55212 BBS7	0.744124	1.03637	1.03637
hcs115d11	80321 CEP70	0.007601	1.2924	1.2924
hcs115d12	375033 PEAR1	0.869236	0.992633	-1.00742
hcs115e01	147686 ZNF418	0.403121	0.703737	-1.42099
hcs115e04	30832 ZNF354C	0.168337	0.724652	-1.37997
hcs115e05	669 BPGM	0.740422	0.963618	-1.03776
hcs115e07	55835 CENPJ	0.474446	0.909818	-1.09912
hcs115e08	7008 TEF	0.627076	1.0575	1.0575
hcs115e09	84311 MRPL45	0.811539	0.960397	-1.04124
hcs115f03	84897 TBRG1	0.135527	0.713626	-1.40129

hcs115f04	4801 NFYB	0.244889	0.683079	-1.46396
hcs115f05		0.11704	1.27599	1.27599
hcs115f06		0.37722	1.19058	1.19058
hcs115f07	25937 WWTR1	0.860647	0.967642	-1.03344
hcs115f08	22801 ITGA11	0.284895	1.28272	1.28272
hcs115f10	23764 MAFF	0.981061	1.0037	1.0037
hcs115f11	10807 SDCCAG3	0.042117	1.33349	1.33349
hcs115f12	5469 MED1	0.079641	0.883659	-1.13166
hcs115g01	5203 PFDN4	0.4994	1.4342	1.4342
hcs115g03	220002 CYBASC3	0.087226	1.23605	1.23605
hcs115g07	399665 FAM102A	0.014846	1.42938	1.42938
hcs115g08	10776 ARPP19	0.827014	1.19893	1.19893
hcs115g09	3038 HAS3	0.244765	1.13561	1.13561
hcs115g10	64147 KIF9	0.912017	0.985816	-1.01439
hcs115g11		0.952484	1.01207	1.01207
hcs115g12		0.164104	0.864966	-1.15611
hcs115h01	4646 MYO6	0.999416	1.00025	1.00025
hcs115h03	1528 CYB5A	0.42049	1.17658	1.17658
hcs115h05	84060 C7orf64	0.821136	0.982682	-1.01762
hcs115h06		0.706942	1.46386	1.46386
hcs115h07	6167 RPL37	0.008886	0.949171	-1.05355
hcs115h08	79776 ZFHX4	0.826919	0.930971	-1.07415
hcs115h09	9463 PICK1	0.351714	1.18674	1.18674
hcs115h11	1.01E+08 LOC100506	0.834823	1.0655	1.0655
hcs115h12	139324 HDX	0.435908	1.04954	1.04954
hcs116a02	151195 CCNYL1	0.944514	0.991948	-1.00812
hcs116a05	5528 PPP2R5D	0.50548	0.890931	-1.12242
hcs116a06	10026 PIGK	0.917236	0.985604	-1.01461
hcs116a07	8504 PEX3	0.344005	0.871972	-1.14683
hcs116a08	54469 ZFAND6	0.859256	1.04076	1.04076
hcs116a09	84798 C19orf48	0.474223	1.27233	1.27233
hcs116a10	9537 TP53I11	0.788005	0.977717	-1.02279
hcs116a11	444 ASPH	0.389829	0.914088	-1.09399
hcs116a12	153527 ZMAT2	0.856979	0.977322	-1.0232
hcs116b01	10233 LRRC23	0.436132	1.04843	1.04843
hcs116b02	25927 CNRIP1	0.002132	0.919247	-1.08785
hcs116b03	6541 SLC7A1	0.72263	1.05762	1.05762
hcs116b04	51053 GMNN	0.798758	1.0223	1.0223
hcs116b07	114801 TMEM200A	0.001376	1.41563	1.41563
hcs116b09	586 BCAT1	0.826915	0.976943	-1.0236
hcs116b10	51454 GULP1	0.105661	1.18935	1.18935
hcs116b12	10495 ENOX2	0.336066	1.07155	1.07155
hcs116c03	222658 KCTD20	0.913239	0.97337	-1.02736
hcs116c05	5786 PTPRA	0.641123	1.12182	1.12182
hcs116c06	51542 VPS54	0.502429	1.14945	1.14945
hcs116c07	125 ADH1B	0.027628	1.35703	1.35703
hcs116c09	133619 PRRC1	0.990276	0.998668	-1.00133

hcs116c10	7162 TPBG	0.12931	0.869708	-1.14981
hcs116c12	5493 PPL	0.397324	1.25252	1.25252
hcs116d01	84144 SYDE2	0.449258	0.761573	-1.31307
hcs116d11	64840 PORCN	0.003009	1.45552	1.45552
hcs116e01	9737 GPRASP1	0.268265	0.785576	-1.27295
hcs116e03	55095 SAMD4B	0.791121	0.932731	-1.07212
hcs116e08	80153 EDC3	0.545059	1.28601	1.28601
hcs116g03	51099 ABHD5	0.34199	1.41106	1.41106
hcs116g06	5435 POLR2F	0.076541	0.753152	-1.32775
hcs116h01	10492 SYNCRIP	0.081454	0.756381	-1.32209
hcs116h02	57466 SFRS15	0.852253	0.987054	-1.01312
hcs117a04	340371 NRBP2	0.379587	0.924968	-1.08112
hcs117a05	10100 TSPAN2	0.016208	0.661262	-1.51226
hcs117a08	7874 USP7	0.601982	1.15712	1.15712
hcs117b03	6541 SLC7A1	0.614232	0.866345	-1.15427
hcs117b04	892 CCNC	0.461449	0.911766	-1.09677
hcs117b07	1475 CSTA	0.471626	1.38591	1.38591
hcs117b08	137695 TMEM68	0.670228	0.916271	-1.09138
hcs117b10	84450 ZNF512	0.14663	0.806195	-1.24039
hcs117c01	1024 CDK8	0.170671	0.927611	-1.07804
hcs117c02	10440 TIMM17A	0.845675	0.93781	-1.06631
hcs117c06	64924 SLC30A5	0.530437	0.873673	-1.14459
hcs117c10	54529 ASNSD1	0.494643	0.947712	-1.05517
hcs117c11	5160 PDHA1	0.002474	0.636224	-1.57177
hcs117c12	5721 PSME2	0.487657	1.10467	1.10467
hcs117d03	1627 DBN1	0.233448	0.743207	-1.34552
hcs117d05	1727 CYB5R3	0.627439	0.860877	-1.16161
hcs117d08	1312 COMT	0.35034	1.96353	1.96353
hcs117d09	6421 SFPQ	0.319807	0.900537	-1.11045
hcs117d10	7375 USP4	0.983706	0.991055	-1.00903
hcs117d11	50628 GEMIN4	0.289027	0.891212	-1.12207
hcs117d12	348235 SKA2	0.22518	1.31215	1.31215
hcs117e04	79576 NKAP	0.90051	0.989033	-1.01109
hcs117e05	83448 PUS7L	0.708147	0.903006	-1.10741
hcs117e10	64778 FNDC3B	0.689581	0.961126	-1.04045
hcs117e11	220988 HNRNPA3	0.005535	0.698472	-1.4317
hcs117f01	160428 ALDH1L2	0.399775	1.21798	1.21798
hcs117f04	10695 CNPY3	0.107901	1.30791	1.30791
hcs117f05	64844 7-Mar	0.022246	0.773273	-1.2932
hcs117f06	9871 SEC24D	0.393803	1.86303	1.86303
hcs117f07	1277 COL1A1	0.800679	1.23649	1.23649
hcs117f12	51103 NDUFAF1	0.822592	1.19441	1.19441
hcs117g02	8317 CDC7	0.570336	1.21134	1.21134
hcs117g06	91368 CDKN2AIP	0.720211	1.13425	1.13425
hcs117g07	5352 PLOD2	0.491637	0.88939	-1.12437
hcs117g11	4047 LSS	0.55878	1.31155	1.31155
hcs117h07	7638 ZNF221	0.776781	1.07098	1.07098

hcs117h08	8487 SIP1	0.447647	1.60706	1.60706
hcs117h12	23560 GTPBP4	0.424129	0.870575	-1.14867
hcs118a01	5732 PTGER2	0.831903	0.957199	-1.04471
hcs118a03	4041 LRP5	0.030948	0.692769	-1.44348
hcs118a11	63906 GPATCH3	0.199203	1.03829	1.03829
hcs118a12	403 ARL3	0.1171	1.29232	1.29232
hcs118b01		0.272465	0.799819	-1.25028
hcs118b02	27086 FOXP1	0.428394	1.06373	1.06373
hcs118b03	1876 E2F6	0.845982	0.958477	-1.04332
hcs118b05	8976 WASL	0.022108	0.772698	-1.29417
hcs118b06	6251 RSU1	0.027098	0.834216	-1.19873
hcs118b07	23471 TRAM1	0.946894	0.991598	-1.00847
hcs118b08	93663 ARHGAP18	0.801887	1.10325	1.10325
hcs118b09	6133 RPL9	0.003212	1.61316	1.61316
hcs118b11	586 BCAT1	0.662086	1.09081	1.09081
hcs118c01	1992 SERPINB1	0.000177	1.61177	1.61177
hcs118c03	4835 NQO2	0.021781	0.714966	-1.39867
hcs118c05	51115 FAM82B	0.805064	0.967572	-1.03351
hcs118c06	6607 SMN2	0.099217	0.827941	-1.20782
hcs118c07	57608 KIAA1462	0.954829	1.02114	1.02114
hcs118c11	6117 RPA1	0.338681	0.920459	-1.08641
hcs118c12	10213 PSMD14	0.006126	0.676013	-1.47926
hcs118d01	26574 AATF	0.735737	0.921248	-1.08548
hcs118d04	57805 KIAA1967	0.99815	0.999671	-1.00033
hcs118d05	3831 KLC1	0.636157	1.19304	1.19304
hcs118d06	10001 MED6	0.109786	0.817982	-1.22252
hcs118d07	201931 TMEM192	0.699871	1.24301	1.24301
hcs118d09	51363 CHST15	0.001886	0.719001	-1.39082
hcs118d10	9722 NOS1AP	0.053793	0.810844	-1.23328
hcs118d12	51313 FAM198B	0.811488	1.09774	1.09774
hcs118e01	1803 DPP4	0.071191	0.811369	-1.23248
hcs118e03	23362 PSD3	0.290232	0.873884	-1.14432
hcs118e06	282809 POC1B	0.965053	0.988644	-1.01149
hcs118e10	7431 VIM	0.035273	1.42446	1.42446
hcs118e11	64224 HERPUD2	0.857557	1.03673	1.03673
hcs118f01	6533 SLC6A6	0.189505	1.42241	1.42241
hcs118f04	55343 SLC35C1	0.886023	0.976431	-1.02414
hcs118f06		0.007072	0.844697	-1.18386
hcs118f09	71 ACTG1	0.020714	0.801169	-1.24818
hcs118f11		0.217216	0.818281	-1.22207
hcs118f12		0.30074	1.27274	1.27274
hcs118g05	23541 SEC14L2	0.163533	1.55485	1.55485
hcs118g07	2519 FUCA2	0.847776	0.960585	-1.04103
hcs118g09	51714 SELT	0.87892	0.973531	-1.02719
hcs118g11		0.331076	1.16764	1.16764
hcs118g12	55181 C17orf71	0.309616	0.944021	-1.0593
hcs118h03	8030 CCDC6	0.000246	0.71692	-1.39486

hcs118h04	10712 FAM189B	0.910811	0.975442	-1.02518
hcs118h05	8891 EIF2B3	0.300086	0.869758	-1.14975
hcs118h06		0.579912	1.12888	1.12888
hcs118h07	55345 C4orf21	0.405972	1.28682	1.28682
hcs118h08	64844 7-Mar	0.135973	1.37674	1.37674
hcs119a01	23168 RTF1	0.157938	0.624199	-1.60205
hcs119a03	9610 RIN1	0.117295	1.35408	1.35408
hcs119a05	283989 TSEN54	0.514968	1.06206	1.06206
hcs119a08	1687 DFNA5	0.655564	1.05185	1.05185
hcs119a09	27 ABL2	0.435698	1.14458	1.14458
hcs119b03	1938 EEF2	0.00288	1.4138	1.4138
hcs119b04	10548 TM9SF1	0.115815	1.3467	1.3467
hcs119b05	144699 FBXL14	0.113801	1.5724	1.5724
hcs119b06	7879 RAB7A	0.858455	0.98073	-1.01965
hcs119b07		0.86422	1.04329	1.04329
hcs119b08		0.980539	0.996812	-1.0032
hcs119c01	4660 PPP1R12B	0.440869	1.29392	1.29392
hcs119c04	26093 CCDC9	0.24357	0.732939	-1.36437
hcs119c05	9630 GNA14	0.990954	0.998588	-1.00141
hcs119c06	57647 DHX37	0.927	0.989114	-1.01101
hcs119c07	9231 DLG5	0.456376	1.08306	1.08306
hcs119c08	26001 RNF167	0.612316	1.03542	1.03542
hcs119c12	27154 BRPF3	0.443116	1.18742	1.18742
hcs119d04	7334 UBE2N	0.835645	0.979349	-1.02109
hcs119d05	3927 LASP1	0.148494	1.31725	1.31725
hcs119d06	9526 MPDU1	0.12532	1.20649	1.20649
hcs119d10	3376 IARS	0.3665	1.26521	1.26521
hcs119d11	283209 PGM2L1	0.640349	1.23117	1.23117
hcs119e02	79169 C1orf35	0.358805	1.13879	1.13879
hcs119e04	2889 RAPGEF1	0.770457	1.02319	1.02319
hcs119e05		0.000245	0.662704	-1.50897
hcs119e06		0.426624	0.872603	-1.146
hcs119e09	90417 C15orf23	0.739353	0.967559	-1.03353
hcs119e10	440 ASNS	0.022311	1.28658	1.28658
hcs119f04	27338 UBE2S	0.738483	1.03705	1.03705
hcs119f06	1978 EIF4EBP1	0.086976	1.75993	1.75993
hcs119f07	5684 PSMA3	0.034769	0.709069	-1.4103
hcs119f08	10645 CAMKK2	0.230616	0.781132	-1.28019
hcs119f11	6897 TARS	0.01654	0.903692	-1.10657
hcs119g01	3163 HMOX2	0.818947	1.02965	1.02965
hcs119g02	55035 NOL8	0.002155	0.765878	-1.30569
hcs119g03	147179 WIPF2	0.364904	1.28156	1.28156
hcs119g04	8890 EIF2B4	0.669464	0.963138	-1.03827
hcs119g05	51726 DNAJB11	0.286183	0.809696	-1.23503
hcs119g06	5393 EXOSC9	0.883814	1.01276	1.01276
hcs119g08	131566 DCBLD2	0.674543	0.959776	-1.04191
hcs119g09		0.792684	1.05418	1.05418

hcs119g10	26010 SPATS2L	0.030737	1.44546	1.44546
hcs119g11	6594 SMARCA1	0.204905	1.11707	1.11707
hcs119h02	283208 P4HA3	0.376128	0.839258	-1.19153
hcs119h07	8563 THOC5	0.03718	0.656799	-1.52254
hcs119h08	8761 PABPC4	0.052272	0.801795	-1.2472
hcs119h09	5217 PFN2	0.01014	0.817634	-1.22304
hcs119h10	126119 JOSD2	0.183492	0.839597	-1.19105
hcs120a04	55075 UACA	0.813609	1.07101	1.07101
hcs120a06	6782 HSPA13	0.176475	1.32156	1.32156
hcs120a10	57730 ANKRD36B	0.090411	0.793122	-1.26084
hcs120a12	4729 NDUFV2	0.008071	0.712914	-1.40269
hcs120b02	8681 JMJD7-PLA	0.912414	0.957622	-1.04425
hcs120b10	3074 HEXB	0.31276	1.19748	1.19748
hcs120c02	3837 KPNB1	0.794545	1.11216	1.11216
hcs120c07	9240 PNMA1	0.671656	1.13272	1.13272
hcs120c08	7311 UBA52	0.040826	1.22671	1.22671
hcs120c12	9325 TRIP4	0.611647	0.903745	-1.10651
hcs120d01		0.085239	1.23671	1.23671
hcs120d05	5936 RBM4	0.685361	0.943075	-1.06036
hcs120d09	57038 RARS2	0.663233	1.75679	1.75679
hcs120d12	6668 SP2	0.35479	1.19402	1.19402
hcs120e01	54927 CHCHD3	0.225856	0.880284	-1.136
hcs120e03	85300 ATCAY	0.532538	1.06385	1.06385
hcs120e06	10474 TADA3	0.246869	1.18889	1.18889
hcs120e08	8050 PDHX	0.39372	1.74724	1.74724
hcs120e12	285359 LOC285359	0.43987	1.06428	1.06428
hcs120g02	1642 DDB1	0.185325	0.914379	-1.09364
hcs120g03	55454 CSGALNAC	0.49318	1.33429	1.33429
hcs120g04	902 CCNH	0.055646	0.714295	-1.39998
hcs120g09	9230 RAB11B	0.311692	1.0552	1.0552
hcs120g10	404093 CUEDC1	0.605072	1.26989	1.26989
hcs120h02	1259 CNGA1	0.710781	0.892828	-1.12004
hcs120h04	114899 C1QTNF3	0.907643	0.973428	-1.0273
hcs120h05	9525 VPS4B	0.252879	0.702405	-1.42368
hcs120h07	55500 ETNK1	0.325785	1.72462	1.72462
hcs120h09	57213 C13orf1	0.045034	1.14574	1.14574
hcs120h12	58476 TP53INP2	0.131037	1.40559	1.40559
hcs121a02	51764 GNG13	0.061098	1.52515	1.52515
hcs121a03	51234 TMEM85	0.377979	0.901418	-1.10936
hcs121a05	145226 RDH12	0.550946	0.916892	-1.09064
hcs121a06	81602 CDADC1	0.952241	0.97264	-1.02813
hcs121a08	7342 UBP1	0.011724	1.20985	1.20985
hcs121a11	25921 ZDHHC5	0.128203	1.14624	1.14624
hcs121b01		0.690395	0.927822	-1.07779
hcs121b02	90550 CCDC109A	0.943637	1.015	1.015
hcs121b03	5145 PDE6A	0.952369	1.00356	1.00356
hcs121b05	132864 CPEB2	0.350284	1.89518	1.89518

hcs121b08	64386 MMP25	0.077733	0.756014	-1.32273
hcs121c05	27043 PELP1	0.785614	0.901836	-1.10885
hcs121c06	79142 PHF23	0.556668	1.36939	1.36939
hcs121c08	140461 ASB8	0.702484	1.17115	1.17115
hcs121c12	158801 NKAPP1	0.679985	0.94772	-1.05516
hcs121d04	5906 RAP1A	0.141135	0.667237	-1.49872
hcs121d09		0.195958	1.70576	1.70576
hcs121d10	4712 NDUFB6	0.435193	1.35763	1.35763
hcs121d11	4440 MSI1	0.603668	1.60541	1.60541
hcs121d12	2652 OPN1MW	0.287042	1.19577	1.19577
hcs121e05	54928 IMPAD1	0.655228	1.0949	1.0949
hcs121e07	9669 EIF5B	0.033102	0.586769	-1.70425
hcs121e11	259230 SGMS1	0.463833	1.28584	1.28584
hcs121f02	7862 BRPF1	0.32704	1.18261	1.18261
hcs121f06	5420 PODXL	0.31505	1.48305	1.48305
hcs121f09	4236 MFAP1	0.503821	1.30519	1.30519
hcs121f12	7073 TIAL1	0.685377	1.13186	1.13186
hcs121g02	143941 TTC36	0.362142	1.53467	1.53467
hcs121g05	10325 RRAGB	0.137287	1.28241	1.28241
hcs121g06	5704 PSMC4	0.996798	1.00077	1.00077
hcs121h06	10735 STAG2	0.623543	1.15391	1.15391
hcs121h07	5145 PDE6A	0.504154	1.2894	1.2894
hcs122a01	9043 SPAG9	0.245089	2.2938	2.2938
hcs122a02	23248 RPRD2	0.948678	1.03905	1.03905
hcs122a05	1176 AP3S1	0.36701	1.96718	1.96718
hcs122a08		0.277136	3.2962	3.2962
hcs122a09	130617 ZFAND2B	0.30811	1.91708	1.91708
hcs122b02	7277 TUBA4A	0.757148	1.08321	1.08321
hcs122b03	151126 ZNF385B	0.317773	2.4343	2.4343
hcs122b04	374650 GOLGA6L5	0.934187	0.980723	-1.01966
hcs122b06	56889 TM9SF3	0.972182	0.995071	-1.00495
hcs122b07	51643 TMBIM4	0.691773	1.15164	1.15164
hcs122b08	984 CDK11B	0.280614	1.21098	1.21098
hcs122b12	51665 ASB1	0.144139	1.1703	1.1703
hcs122c02	10960 LMAN2	0.408159	0.818127	-1.2223
hcs122c04	6185 RPN2	0.236209	0.796945	-1.25479
hcs122c07	51056 LAP3	0.002148	0.67538	-1.48065
hcs122d01	1952 CELSR2	0.40835	1.33461	1.33461
hcs122d02		0.322714	0.862307	-1.15968
hcs122d03	79980 DSN1	0.350978	1.28349	1.28349
hcs122d07	29101 SSU72	0.887639	1.06735	1.06735
hcs122d08	81552 VOPP1	0.568024	1.18884	1.18884
hcs122e01	54700 RRN3	0.782649	0.924502	-1.08166
hcs122e02	9040 UBE2M	0.270023	0.739555	-1.35216
hcs122e03	50619 DEF6	0.236997	0.800422	-1.24934
hcs122e04	23242 COBL	0.927404	1.01892	1.01892
hcs122e07	9929 JOSD1	0.009174	1.29953	1.29953

hcs122e08	5715 PSMD9	0.940131	0.988233	-1.01191
hcs122e09	1000 CDH2	0.381716	0.888358	-1.12567
hcs122e10	85437 ZCRB1	0.59344	0.959472	-1.04224
hcs122e11	163 AP2B1	0.303443	0.913604	-1.09457
hcs122f01	55023 PHIP	0.329467	2.09362	2.09362
hcs122f02	9778 KIAA0232	0.816231	1.06713	1.06713
hcs122f03	7158 TP53BP1	0.896658	1.03469	1.03469
hcs122f06	23256 SCFD1	0.501511	1.49552	1.49552
hcs122f07	26286 ARFGAP3	0.67725	1.16119	1.16119
hcs122f08		0.798843	1.19453	1.19453
hcs122f09	25855 BRMS1	0.980701	0.997547	-1.00246
hcs122f11	7284 TUFM	0.015433	0.86612	-1.15457
hcs122f12	54441 STAG3L1	0.393684	1.07126	1.07126
hcs122g01	7290 HIRA	0.777675	1.0435	1.0435
hcs122g02	56172 ANKH	0.03291	1.32213	1.32213
hcs122g06	844 CASQ1	0.068351	1.25654	1.25654
hcs122g07	10051 SMC4	0.416847	1.1035	1.1035
hcs122g08	2271 FH	0.338121	0.817159	-1.22375
hcs122g09	26470 SEZ6L2	0.168759	1.47177	1.47177
hcs122g10		0.014841	0.87538	-1.14236
hcs122h02	55179 FAIM	0.552653	1.31025	1.31025
hcs122h03	116540 MRPL53	0.439179	0.840357	-1.18997
hcs122h05	11092 C9orf9	0.395603	0.905195	-1.10473
hcs122h08		0.404477	1.92793	1.92793
hcs122h09	285830 LOC285830	0.102109	1.23253	1.23253
hcs122h11		0.682288	1.59545	1.59545
hcs122h12	79745 CLIP4	0.081071	1.29425	1.29425
hcs123a03	57461 ISY1	0.577972	0.8833	-1.13212
hcs123a04	2534 FYN	0.07704	1.31038	1.31038
hcs123a07	55262 C7orf43	0.731137	1.19027	1.19027
hcs123a08	1954 MEGF8	0.248881	0.937474	-1.0667
hcs123a10	11072 DUSP14	0.762748	1.09948	1.09948
hcs123a11	55167 MSL2	0.20304	0.851861	-1.1739
hcs123b07	26520 TIMM9	0.003721	0.620283	-1.61217
hcs123b08	9128 PRPF4	0.092735	0.668722	-1.49539
hcs123b09	8842 PROM1	0.206254	1.10629	1.10629
hcs123b12	3035 HARS	0.071948	0.824826	-1.21238
hcs123c02	11079 RER1	0.383501	0.788323	-1.26852
hcs123c04	284716 RIMKLA	0.766582	1.28528	1.28528
hcs123c07	84812 PLCD4	0.518317	0.862812	-1.159
hcs123c11	6196 RPS6KA2	0.225691	0.880554	-1.13565
hcs123d04	9360 PPIG	0.327707	2.08809	2.08809
hcs123d05	26100 WIPI2	0.02457	1.14812	1.14812
hcs123d06	2887 GRB10	0.501786	1.36336	1.36336
hcs123d07	25936 NSL1	0.531243	1.23156	1.23156
hcs123d11	51529 ANAPC11	0.29933	1.50878	1.50878
hcs123e05	51479 ANKFY1	0.319857	1.20596	1.20596

hcs123e08	375133 PI4KAP2	0.195932	1.29122	1.29122
hcs123e10	83538 TTC25	0.82733	0.956351	-1.04564
hcs123e11	54939 COMMD4	0.024777	1.27399	1.27399
hcs123f04	6472 SHMT2	0.018287	1.19936	1.19936
hcs123f05	4117 MAK	0.331652	2.10465	2.10465
hcs123f07	3705 ITPK1	0.423577	1.2905	1.2905
hcs123f08	4087 SMAD2	0.671156	1.70447	1.70447
hcs123f09	23381 SMG5	0.387665	1.11473	1.11473
hcs123f10	28996 HIPK2	0.455201	1.38444	1.38444
hcs123g04	51530 ZC3HC1	0.556588	1.10644	1.10644
hcs123g06	9801 MRPL19	0.896665	1.03706	1.03706
hcs123g07	7381 UQCRB	0.651063	1.23596	1.23596
hcs123g08	4358 MPV17	0.619194	1.07196	1.07196
hcs123g12	6908 TBP	0.627452	0.920919	-1.08587
hcs123h06	4650 MYO9B	0.777333	1.02629	1.02629
hcs123h07	5578 PRKCA	0.334627	0.895425	-1.11679
hcs123h10	1977 EIF4E	0.573031	0.915856	-1.09187
hcs124a03	64743 WDR13	0.108393	0.607332	-1.64655
hcs124a04	84287 ZDHHC16	0.639707	1.07869	1.07869
hcs124a05	3670 ISL1	0.465752	1.64036	1.64036
hcs124a08	7170 TPM3	0.2071	0.894523	-1.11791
hcs124a09	93183 PIGM	0.441456	1.30802	1.30802
hcs124a12	10615 SPAG5	0.91883	1.01894	1.01894
hcs124b05	79726 WDR59	0.894209	1.05405	1.05405
hcs124b08	9939 RBM8A	0.182756	0.877608	-1.13946
hcs124b10	5471 PPAT	0.009291	0.714521	-1.39954
hcs124b12	27327 TNRC6A	0.376538	1.16646	1.16646
hcs124c03	8824 CES2	0.166108	1.34474	1.34474
hcs124c04	246175 CNOT6L	0.364683	2.17396	2.17396
hcs124c05	47 ACLY	0.114766	0.676283	-1.47867
hcs124c11	8912 CACNA1H	0.018633	0.923517	-1.08282
hcs124d02	80853 JHDM1D	0.213923	1.59567	1.59567
hcs124d04	23270 TSPYL4	0.681654	1.31723	1.31723
hcs124d05	51599 LSR	0.247264	1.54898	1.54898
hcs124d06	2077 ERF	0.000609	0.763593	-1.3096
hcs124d07	80142 PTGES2	0.712534	1.08719	1.08719
hcs124d09	51506 UFC1	0.060751	1.35152	1.35152
hcs124d10	64940 STAG3L4	0.166533	1.30465	1.30465
hcs124d11		0.732257	1.15241	1.15241
hcs124e03	22883 CLSTN1	0.933977	1.02264	1.02264
hcs124e05	9330 GTF3C3	0.632373	1.05174	1.05174
hcs124e06	4717 NDUFC1	0.467608	0.911416	-1.09719
hcs124e08	6144 RPL21	0.581776	0.955373	-1.04671
hcs124e09	1497 CTNS	0.64391	1.04438	1.04438
hcs124e12	401207 FLJ44606	0.835023	0.908355	-1.10089
hcs124f03	9757 MLL4	0.482044	1.50489	1.50489
hcs124f04	10381 TUBB3	0.367016	1.35154	1.35154

hcs124f05	132720 C4orf32	0.561605	2.00165	2.00165
hcs124f07	57446 NDRG3	0.372253	1.56421	1.56421
hcs124f09	642 BLMH	0.899103	0.984233	-1.01602
hcs124f10	60496 AASDHPPT	0.890789	0.954885	-1.04725
hcs124f11	9751 SNPH	0.002034	1.68438	1.68438
hcs124f12	23219 FBXO28	0.784765	1.1305	1.1305
hcs124g03	10302 SNAPC5	0.280664	0.874014	-1.14415
hcs124g04	4704 NDUFA9	0.365021	0.903574	-1.10672
hcs124g07	4923 NTSR1	0.407325	1.13983	1.13983
hcs124g08	9583 ENTPD4	0.414408	1.57209	1.57209
hcs124g09		0.188147	1.33067	1.33067
hcs124g11	79646 PANK3	0.109651	1.63372	1.63372
hcs124g12	57217 TTC7A	0.120368	0.946383	-1.05665
hcs124h01	23568 ARL2BP	0.046568	1.16063	1.16063
hcs124h03	79364 ZXDC	0.512804	1.23068	1.23068
hcs124h04	10427 SEC24B	0.927032	1.02576	1.02576
hcs124h10	23530 NNT	0.905963	1.02079	1.02079
hcs124h11	9705 ST18	0.129098	1.11929	1.11929
hcs125a10	1836 SLC26A2	0.392477	0.865301	-1.15567
hcs125b01	63933 CCDC90A	0.201755	0.724617	-1.38004
hcs125b02	11321 GPN1	0.090258	0.79642	-1.25562
hcs125b07	10605 PAIP1	0.926272	0.977792	-1.02271
hcs125c01	23125 CAMTA2	0.166178	1.19173	1.19173
hcs125c03	150275 CCDC117	0.305532	0.900686	-1.11026
hcs125c09	10063 COX17	0.511806	1.13242	1.13242
hcs125c12	9125 RQCD1	0.938107	0.994087	-1.00595
hcs125d01	49855 SCAPER	0.07752	0.801822	-1.24716
hcs125d03	81847 RNF146	0.555746	1.23319	1.23319
hcs125d05		0.769686	1.07888	1.07888
hcs125d08	5277 PIGA	0.346589	1.05944	1.05944
hcs125d09	2872 MKNK2	0.687433	1.07015	1.07015
hcs125d10	6923 TCEB2	0.378918	1.11723	1.11723
hcs125d11	663 BNIP2	0.052803	1.27242	1.27242
hcs125e01	6161 RPL32	0.094052	1.65368	1.65368
hcs125e04	148789 B3GALNT2	0.477339	1.31117	1.31117
hcs125e05	84897 TBRG1	0.22258	1.28367	1.28367
hcs125e07	11140 CDC37	0.873328	0.984534	-1.01571
hcs125e09	1329 COX5B	0.910937	1.01297	1.01297
hcs125e11	6428 SRSF3	0.972689	1.00511	1.00511
hcs125f04	57418 WDR18	0.159331	0.91414	-1.09392
hcs125f05	79085 SLC25A23	0.551309	0.822487	-1.21582
hcs125f06	7381 UQCRB	0.756863	1.01337	1.01337
hcs125f07	90410 IFT20	0.532749	1.13674	1.13674
hcs125f08	7284 TUFM	0.084227	0.853203	-1.17205
hcs125f09	25941 C18orf10	0.058999	0.752886	-1.32822
hcs125f12		0.013373	0.621878	-1.60803
hcs125g01	54539 NDUFB11	0.697162	0.95547	-1.04661

hcs125g04	131870	NUDT16	0.559291	0.933027	-1.07178
hcs125g11	3000	GUCY2D	0.099853	1.48809	1.48809
hcs125h03	11083	DIDO1	0.847855	0.948126	-1.05471
hcs125h05	28511	NKIRAS2	0.555315	1.045	1.045
hcs125h07	3385	ICAM3	0.060195	1.12668	1.12668
hcs125h08	5738	PTGFRN	0.911239	0.978342	-1.02214
hcs125h11	7260	TSSC1	0.051839	0.84622	-1.18173
hcs126a03	84896	ATAD1	0.834486	0.984224	-1.01603
hcs126a04	23349	KIAA1045	0.431344	1.22759	1.22759
hcs126a10	54663	WDR74	0.527779	1.10804	1.10804
hcs126b03	29087	THYN1	0.97672	0.9892	-1.01092
hcs126b05	51466	EVL	0.57313	0.910865	-1.09786
hcs126b08	84140	FAM161A	0.320654	1.88634	1.88634
hcs126c03	9862	MED24	0.201066	0.777163	-1.28673
hcs126c04			0.654414	1.10931	1.10931
hcs126c09	5033	P4HA1	0.421255	0.851574	-1.1743
hcs126c10	64327	LMBR1	0.663913	1.14059	1.14059
hcs126d01	23774	BRD1	0.913086	1.07554	1.07554
hcs126d04	9798	KIAA0174	0.832697	0.967888	-1.03318
hcs126d07	55855	FAM45B	0.254244	0.912013	-1.09648
hcs126e03	25934	NIPSNAP3A	0.077551	0.81724	-1.22363
hcs126e04	117584	RFFL	0.350648	0.940192	-1.06361
hcs126e09	5317	PKP1	0.57659	1.64599	1.64599
hcs126e10	56181	FAM54B	0.21655	1.26085	1.26085
hcs126f05	6181	RPLP2	0.588797	1.17508	1.17508
hcs126f07	91137	SLC25A46	0.545474	1.42339	1.42339
hcs126f08	92667	C20orf72	0.23129	1.38884	1.38884
hcs126g02	1315	COPB1	0.473132	0.758882	-1.31773
hcs126g06	283578	TMED8	0.945137	1.03015	1.03015
hcs126g08	51635	DHRS7	0.0161	1.36704	1.36704
hcs126h02	28988	DBNL	0.466857	0.879497	-1.13701
hcs126h06	9829	DNAJC6	0.365391	1.87856	1.87856
hcs127a04	7220	TRPC1	0.562894	1.27368	1.27368
hcs127a05			0.044439	1.59304	1.59304
hcs127a06			0.353227	1.41409	1.41409
hcs127a07	23029	RBM34	0.63206	0.872525	-1.1461
hcs127a08	112936	VPS26B	0.514455	0.951487	-1.05099
hcs127b02	10067	SCAMP3	0.650201	1.11231	1.11231
hcs127b07	7178	TPT1	0.035886	1.56147	1.56147
hcs127b09	79921	TCEAL4	0.069369	0.826033	-1.21061
hcs127b10			0.026381	1.22791	1.22791
hcs127c07	85416	ZIC5	0.538491	1.37084	1.37084
hcs127c09			0.959766	1.02381	1.02381
hcs127c11	7073	TIAL1	0.704713	1.559	1.559
hcs127d06	55251	PCMTD2	0.308864	1.59333	1.59333
hcs127e03	23567	ZNF346	0.771734	1.13283	1.13283
hcs127e04	23233	EXOC6B	0.336826	2.36325	2.36325

hcs127e07	6169 RPL38	0.214098	1.47898	1.47898
hcs127e08		0.415477	1.77409	1.77409
hcs127e09	10668 CGRRF1	0.368367	1.98103	1.98103
hcs127e11	10787 NCKAP1	0.414039	1.52306	1.52306
hcs127e12		3.26E-05	0.565171	-1.76938
hcs127f02	8731 RNMT	0.063538	0.767218	-1.30341
hcs127f03	93973 ACTR8	0.802407	0.943127	-1.0603
hcs127f05	9529 BAG5	0.609044	0.94409	-1.05922
hcs127f10	3987 LIMS1	0.957126	1.00901	1.00901
hcs127g01		0.344864	1.18143	1.18143
hcs127g02	10019 SH2B3	0.001463	1.25559	1.25559
hcs127g04	9184 BUB3	0.472489	1.27383	1.27383
hcs127g06	9037 SEMA5A	0.539957	1.14169	1.14169
hcs127g07	23765 IL17RA	0.307157	0.841438	-1.18844
hcs127g09	8621 CDK13	0.402344	0.836728	-1.19513
hcs127g10	84262 PSMG3	0.347649	1.14211	1.14211
hcs128e01	55102 ATG2B	0.547607	0.803351	-1.24479
hcs128e02	9406 ZRANB2	0.143265	0.843959	-1.18489
hcs128e04	218 ALDH3A1	0.780519	1.07734	1.07734
hcs128e08	1829 DSG2	0.835869	1.09565	1.09565
hcs128e09	10026 PIGK	0.495938	1.41539	1.41539
hcs128f01	11069 RAPGEF4	0.204343	1.23406	1.23406
hcs128f04	329 BIRC2	0.156504	0.735585	-1.35946
hcs128f06	7447 VSNL1	0.013735	0.775119	-1.29012
hcs128f09	3851 KRT4	0.456698	1.19554	1.19554
hcs128f12	373 TRIM23	0.111261	1.39658	1.39658
hcs128g01	9306 SOCS6	0.743458	1.15057	1.15057
hcs128g06	79607 FAM118B	0.420268	1.48906	1.48906
hcs128g07	90019 SYT8	0.894142	1.09774	1.09774
hcs128g08	663 BNIP2	0.99534	0.998875	-1.00113
hcs128g11	54757 FAM20A	0.275665	1.43191	1.43191
hcs128g12	10205 MPZL2	0.731452	1.13639	1.13639
hcs128h01	9776 ATG13	0.41263	1.09722	1.09722
hcs128h06	3859 KRT12	0.328928	2.15293	2.15293
hcs129a03	8546 AP3B1	0.065836	0.949923	-1.05272
hcs129a04	29904 EEF2K	0.889685	1.05416	1.05416
hcs129a05	1E+08 LOC10019C	0.835425	0.945905	-1.05719
hcs129a09	94025 MUC16	0.020368	1.69613	1.69613
hcs129a11	59342 SCPEP1	0.855661	0.94712	-1.05583
hcs129b01	10771 ZMYND11	0.901216	1.09112	1.09112
hcs129b02	55333 SYNJ2BP	0.414514	1.42791	1.42791
hcs129b03	29841 GRHL1	0.320795	1.57358	1.57358
hcs129b05	10947 AP3M2	0.85335	1.05751	1.05751
hcs129b07	11176 BAZ2A	0.475808	1.57118	1.57118
hcs129b08		0.298845	1.75485	1.75485
hcs129b09	9677 PPIP5K1	0.556556	1.45804	1.45804
hcs129b10	51361 HOOK1	0.382024	1.6896	1.6896

hcs129b11	6647 SOD1	0.579106	1.11151	1.11151
hcs129b12	55660 PRPF40A	0.783043	1.10946	1.10946
hcs129c01	57380 MRS2	0.840288	1.01985	1.01985
hcs129c04	221786 FAM200A	0.528729	1.26186	1.26186
hcs129c06	56952 PRTFDC1	0.494286	1.11068	1.11068
hcs129c07	8548 BLZF1	0.587158	1.35468	1.35468
hcs129d01		0.66974	1.21624	1.21624
hcs129d02		0.312507	2.63906	2.63906
hcs129d03		0.460185	1.51034	1.51034
hcs129d04	1E+08 LOC100128	0.108154	1.38505	1.38505
hcs129d06	138050 HGSNAT	0.34889	1.09585	1.09585
hcs129d07	10464 PIBF1	0.439531	1.61105	1.61105
hcs129d08	54790 TET2	0.305473	2.53692	2.53692
hcs129d09	3717 JAK2	0.760001	1.3741	1.3741
hcs129d10	3998 LMAN1	0.296845	2.56534	2.56534
hcs129e01	10312 TCIRG1	0.266616	1.37807	1.37807
hcs129e02	56704 JPH1	0.159719	1.24773	1.24773
hcs129e04	4597 MVD	0.346307	0.859249	-1.16381
hcs129e06	55707 NECAP2	0.349491	1.33646	1.33646
hcs129e07	3710 ITPR3	0.381705	1.95989	1.95989
hcs129e09	55267 C22orf26	0.040151	0.84262	-1.18677
hcs129e11	3091 HIF1A	0.519687	1.32308	1.32308
hcs129f01	9781 RNF144A	0.427535	1.31493	1.31493
hcs129f05	23405 DICER1	0.381806	1.86514	1.86514
hcs129f10	7416 VDAC1	0.546755	1.31305	1.31305
hcs129g02	79832 QSER1	0.885268	0.975688	-1.02492
hcs129g05	56941 C3orf37	0.39339	1.24801	1.24801
hcs129g06	6940 ZNF354A	0.399214	1.59904	1.59904
hcs129g07	54476 RNF216	0.352603	1.61151	1.61151
hcs129g08	5925 RB1	0.293871	3.39166	3.39166
hcs129g09	79830 ZMYM1	0.442323	1.64053	1.64053
hcs129h01		0.54328	1.34786	1.34786
hcs129h02	54801 HAUS6	0.550566	1.32205	1.32205
hcs129h05	160418 TMTC3	0.80916	0.955889	-1.04615
hcs129h06		0.649844	0.892473	-1.12048
hcs129h07	93517 SDR42E1	0.346405	2.07394	2.07394
hcs129h09	1E+08 LOC100216	0.500833	1.31937	1.31937
hcs129h10	8027 STAM	0.49428	1.20634	1.20634
hcs130a01	53371 NUP54	0.498988	0.814164	-1.22825
hcs130a03	55577 NAGK	0.561778	1.09418	1.09418
hcs130a04	2475 MTOR	0.688096	0.892317	-1.12068
hcs130a07	8796 SCEL	0.063428	0.79435	-1.25889
hcs130b01	25983 NGDN	0.541816	0.862148	-1.15989
hcs130b03	818 CAMK2G	0.796435	1.06723	1.06723
hcs130b04	64755 C16orf58	0.360779	3.63204	3.63204
hcs130b05	5724 PTAFR	0.82928	0.981566	-1.01878
hcs130b07	167153 PAPD4	0.343478	2.35699	2.35699

hcs130b09	11081 KERA	0.785291	0.945204	-1.05797
hcs130b12	79811 SLTM	0.788329	1.04981	1.04981
hcs130c02	5271 SERPINB8	0.898459	1.02521	1.02521
hcs130c05	285966 FAM115C	0.958123	1.01066	1.01066
hcs130c06	90407 TMEM41A	0.333585	1.35742	1.35742
hcs130c08	90634 N4BP2L1	0.374886	2.02491	2.02491
hcs130c10	115201 ATG4A	0.254436	1.09999	1.09999
hcs130c11	9875 URB1	0.377093	0.955612	-1.04645
hcs130d05	3619 INCENP	0.081189	1.22915	1.22915
hcs130d07	134553 C5orf24	0.373912	2.25925	2.25925
hcs130d09	8669 EIF3J	0.664813	1.17744	1.17744
hcs130d11		0.624515	2.16314	2.16314
hcs130d12	132 ADK	0.474868	1.33713	1.33713
hcs130e06	3845 KRAS	0.665254	1.69763	1.69763
hcs130e08	55201 MAP1S	0.479982	1.17959	1.17959
hcs130e10	84939 MUM1	0.363342	1.4143	1.4143
hcs130f04	7172 TPMT	0.435949	1.60702	1.60702
hcs130f07	4121 MAN1A1	0.777568	1.33217	1.33217
hcs130f09	200315 APOBEC3A	0.365587	1.9511	1.9511
hcs130g05	11056 DDX52	0.861511	1.05471	1.05471
hcs130g07	399761 BMS1P5	0.308653	1.21442	1.21442
hcs130g11	285855 RPL7L1	0.247516	1.1722	1.1722
hcs130h01		0.597737	1.23226	1.23226
hcs130h03	7286 TUFT1	0.51797	1.24377	1.24377
hcs130h04		0.365225	1.55874	1.55874
hcs130h06	8202 NCOA3	0.50873	0.896019	-1.11605
hcs130h08	80013 FAM188A	0.428126	1.41773	1.41773
hcs130h09	85379 KIAA1671	0.585337	1.29984	1.29984
hcs130h10	5218 CDK14	0.443332	1.17873	1.17873
hcs131a03	3842 TNPO1	0.190567	0.67883	-1.47312
hcs131a04	219988 PATL1	0.338982	0.911337	-1.09729
hcs131a05	9724 UTP14C	0.062597	0.769767	-1.29909
hcs131a07	1604 CD55	0.427052	1.922	1.922
hcs131a09	50807 ASAP1	0.915093	1.05611	1.05611
hcs131a10	90678 LRSAM1	0.506427	1.42093	1.42093
hcs131a12	1434 CSE1L	0.009487	0.698376	-1.43189
hcs131b02	51667 NUB1	0.067511	1.5564	1.5564
hcs131b04		0.28784	1.69292	1.69292
hcs131b04	56951 C5orf15	0.28784	1.69292	1.69292
hcs131b05	222161 DKFZP586I	0.290967	2.58087	2.58087
hcs131b08	6382 SDC1	0.847246	1.08141	1.08141
hcs131b09	10111 RAD50	0.262744	4.48837	4.48837
hcs131b10	200035 NUDT17	0.60209	2.28338	2.28338
hcs131b11	84299 C17orf37	0.793893	1.266	1.266
hcs131c02	8000 PSCA	0.032492	1.74676	1.74676
hcs131c03	121227 LRIG3	0.484031	1.56912	1.56912
hcs131c04	139886 SPIN4	0.82751	1.27026	1.27026

hcs131c05		0.711893	0.896347	-1.11564
hcs131c08	317 APAF1	0.485524	1.37257	1.37257
hcs131c10	64786 TBC1D15	0.127442	0.904486	-1.1056
hcs131d01	79077 DCTPP1	0.366436	1.07788	1.07788
hcs131d02	23049 SMG1	0.334154	1.45463	1.45463
hcs131d03	2776 GNAQ	0.375403	1.79282	1.79282
hcs131d05	57185 NIPAL3	0.284917	1.39289	1.39289
hcs131d07	79882 ZC3H14	0.317258	0.872086	-1.14668
hcs131d09	55824 PAG1	0.55686	2.67635	2.67635
hcs131d10	26225 ARL5A	0.659908	1.80706	1.80706
hcs131e04	1836 SLC26A2	0.946593	0.983657	-1.01661
hcs131e06	23049 SMG1	0.375131	1.28435	1.28435
hcs131e07	10053 AP1M2	0.632653	1.30278	1.30278
hcs131e11	1825 DSC3	0.497388	1.27541	1.27541
hcs131e12	55334 SLC39A9	0.37929	1.28056	1.28056
hcs131f03	10899 JTB	0.022927	1.26139	1.26139
hcs131f04	80018 NAA25	0.685129	1.06674	1.06674
hcs131f06	55041 PLEKHB2	0.443501	1.18178	1.18178
hcs131f11	8452 CUL3	0.79069	1.06336	1.06336
hcs131g02	6713 SQLE	0.261205	0.773485	-1.29285
hcs131g03	93627 TBCK	0.482651	1.34729	1.34729
hcs131g05	8802 SUCLG1	0.374593	2.08051	2.08051
hcs131g06	1947 EFNB1	0.408671	1.80542	1.80542
hcs131g07	4297 MLL	0.419675	1.86129	1.86129
hcs131g08	219699 UNC5B	0.392157	1.50654	1.50654
hcs131g09	7375 USP4	0.016346	0.745077	-1.34214
hcs131g11	10804 GJB6	0.790854	1.29817	1.29817
hcs131h03	79048 SECISBP2	0.155724	1.67896	1.67896
hcs131h04	57532 NUFIP2	0.437179	1.36211	1.36211
hcs131h06	1026 CDKN1A	0.002005	1.97351	1.97351
hcs131h12	55720 TSR1	0.070639	1.08138	1.08138
hcs132a01	1824 DSC2	0.326835	1.44617	1.44617
hcs132a02		0.583336	1.55696	1.55696
hcs132a07	30845 EHD3	0.727971	1.05231	1.05231
hcs132a08	143662 MUC15	0.061483	1.12469	1.12469
hcs132a12	51167 CYB5R4	0.475622	1.26713	1.26713
hcs132b03	3726 JUNB	0.703726	1.08848	1.08848
hcs132b05		0.306206	2.67726	2.67726
hcs132b08	729966 LOC729966	0.764426	1.05381	1.05381
hcs132b09	55082 ARGLU1	0.281733	2.34162	2.34162
hcs132b10		0.685821	1.63019	1.63019
hcs132b11	22894 DIS3	0.006116	0.765841	-1.30575
hcs132b12	7464 CORO2A	0.669562	1.49269	1.49269
hcs132c03	9692 KIAA0391	0.615713	1.08445	1.08445
hcs132c04	51361 HOOK1	0.554223	0.924176	-1.08204
hcs132c06		0.767023	1.26653	1.26653
hcs132d03	10617 STAMBP	0.303717	2.3846	2.3846

hcs132d05	11051	NUDT21	0.441342	1.26368	1.26368
hcs132d06	7627	ZNF75A	0.262501	2.58659	2.58659
hcs132d08	285636	C5orf51	0.353767	1.98068	1.98068
hcs132d10	8540	AGPS	0.304564	2.3272	2.3272
hcs132d11	10597	TRAPPC2P1	0.612828	1.15919	1.15919
hcs132e04	6715	SRD5A1	0.848105	0.947316	-1.05561
hcs132e05			0.612989	1.19547	1.19547
hcs132e06	5431	POLR2B	0.770211	1.04635	1.04635
hcs132e08	2935	GSPT1	0.826305	1.09551	1.09551
hcs132e09	29967	LRP12	0.798838	1.22327	1.22327
hcs132f02	7268	TTC4	0.414264	0.88075	-1.1354
hcs132f03	56255	TMX4	0.474391	1.26383	1.26383
hcs132f04	81611	ANP32E	0.571738	1.18457	1.18457
hcs132f05	1979	EIF4EBP2	0.695406	1.12605	1.12605
hcs132f06	83857	TMTC1	0.48087	2.39382	2.39382
hcs132f07	11051	NUDT21	0.014611	0.887747	-1.12645
hcs132f10	51701	NLK	0.613709	0.936903	-1.06735
hcs132g01	9678	PHF14	0.639842	1.10199	1.10199
hcs132g05	27090	ST6GALNA4	0.098141	1.08195	1.08195
hcs132g08	8089	YEATS4	0.39518	0.927311	-1.07839
hcs132g11	728492	SERF1B	0.250583	1.31529	1.31529
hcs132h04	218	ALDH3A1	0.922827	1.02269	1.02269
hcs133a07	63926	ANKRD5	0.391594	2.54202	2.54202
hcs133a09	10206	TRIM13	0.514077	1.33184	1.33184
hcs133a10	285331	CCDC66	0.601619	1.12265	1.12265
hcs133b01	1824	DSC2	0.861948	1.12256	1.12256
hcs133b03	4214	MAP3K1	0.562892	1.3405	1.3405
hcs133b04	7818	DAP3	0.760432	0.904287	-1.10584
hcs133b05	222166	C7orf41	0.283611	1.87086	1.87086
hcs133b06	23300	ATMIN	0.679747	0.959909	-1.04177
hcs133b07	10006	ABI1	0.444031	1.71216	1.71216
hcs133c01			0.877703	0.98639	-1.0138
hcs133c02	83759	RBM4B	0.072473	0.752327	-1.32921
hcs133c07			0.298401	3.20789	3.20789
hcs133c10	9524	TECR	0.294938	2.30616	2.30616
hcs133c11	55672	NBPF1	0.465026	1.03669	1.03669
hcs133d01	54764	ZRANB1	0.387701	1.45253	1.45253
hcs133d02	389834	LOC389834	0.58762	1.22876	1.22876
hcs133d05			0.410187	1.7522	1.7522
hcs133d09	54504	CPVL	0.89239	1.02321	1.02321
hcs133d10	84278	HIATL2	0.787799	1.24441	1.24441
hcs133e04	79573	TTC13	0.059625	0.782981	-1.27717
hcs133e07			0.86778	1.03188	1.03188
hcs133e10			0.72193	0.924505	-1.08166
hcs133f06	151556	GPR155	0.711719	1.3144	1.3144
hcs133f07			0.459214	1.61098	1.61098
hcs133f10	127933	UHMK1	0.498904	1.15447	1.15447

hcs133f11		0.793219	1.32932	1.32932
hcs133g02		0.081586	1.32258	1.32258
hcs133g04	8895 CPNE3	0.5111	0.925617	-1.08036
hcs133g09	9643 MORF4L2	0.609036	1.06164	1.06164
hcs133g10	26047 CNTNAP2	0.363573	0.951076	-1.05144
hcs133h02	51592 TRIM33	0.358237	1.99526	1.99526
hcs133h05	55156 ARMC1	0.379303	1.98261	1.98261
hcs133h06		0.419705	1.69667	1.69667
hcs133h07	26043 UBXN7	0.287741	1.36674	1.36674
hcs133h08	54460 MRPS21	0.889744	1.0186	1.0186
hcs133h09	8505 PARG	0.785919	0.964821	-1.03646
hcs133h10	55556 ENOSF1	0.526816	0.764028	-1.30885
hcs133h12	246175 CNOT6L	0.606049	0.887261	-1.12706
hcs134a02	51107 APH1A	0.48677	1.06925	1.06925
hcs134a06	143684 FAM76B	0.607756	1.82068	1.82068
hcs134a07	9552 SPAG7	0.468295	1.18494	1.18494
hcs134a11		0.421418	1.57902	1.57902
hcs134b01	116068 LYSMD3	0.765827	1.22369	1.22369
hcs134b06	51228 GLTP	0.611727	1.10567	1.10567
hcs134b07	115825 WDFY2	0.836966	1.18231	1.18231
hcs134b09	80196 RNF34	0.722422	1.08351	1.08351
hcs134b10	91137 SLC25A46	0.662978	1.46516	1.46516
hcs134c06	5987 TRIM27	0.29268	0.740431	-1.35056
hcs134c08	23240 KIAA0922	0.671199	0.866503	-1.15406
hcs134c11	3953 LEPR	0.073868	1.24915	1.24915
hcs134d02	1836 SLC26A2	0.745641	1.31385	1.31385
hcs134d03	902 CCNH	0.422889	1.79768	1.79768
hcs134d05	5380 PMS2L2	0.244834	1.13743	1.13743
hcs134d06	220042 C11orf82	0.465914	1.47616	1.47616
hcs134d11	10102 TSFM	0.914861	0.970347	-1.03056
hcs134e04	80167 C4orf29	0.764182	1.12125	1.12125
hcs134e05	11261 CHP	0.175825	0.645	-1.55039
hcs134e08	283106 CSNK2A1P	0.3876	0.981148	-1.01921
hcs134e11	811 CALR	0.021643	1.63581	1.63581
hcs134e12	5167 ENPP1	0.0159	0.746701	-1.33922
hcs134f01	65985 AACS	0.461846	1.40317	1.40317
hcs134f03	79184 BRCC3	0.424505	1.48872	1.48872
hcs134f05	10198 MPHOSPH8	0.334575	2.12466	2.12466
hcs134f06	5610 EIF2AK2	0.41029	1.50493	1.50493
hcs134g04	4601 MXI1	0.078417	1.38619	1.38619
hcs134g05	55768 NGLY1	0.854905	0.942875	-1.06059
hcs134g08	124637 CYB5D1	0.004072	0.739529	-1.35221
hcs134g12	23545 ATP6V0A2	0.460352	0.822515	-1.21578
hcs134h03		0.310055	2.80166	2.80166
hcs134h04	79056 PRRG4	0.429238	1.72984	1.72984
hcs134h06	2932 GSK3B	0.713759	1.4123	1.4123
hcs134h07	11108 PRDM4	0.556129	1.19621	1.19621

hcs134h09		0.480695	1.56333	1.56333
hcs134h11	55624 POMGNT1	0.961506	0.974897	-1.02575
hcs135a05	23221 RHOBTB2	0.018166	0.509522	-1.96262
hcs135a10	4967 OGDH	0.645473	1.23601	1.23601
hcs135a11	771 CA12	0.025262	1.54111	1.54111
hcs135a12	9470 EIF4E2	0.122729	1.25884	1.25884
hcs135b07	55152 DALRD3	0.537042	1.0422	1.0422
hcs135b08	4791 NFKB2	0.795736	1.14495	1.14495
hcs135c08	6601 SMARCC2	0.841341	1.10384	1.10384
hcs135d04	90826 PRMT10	0.828639	1.13001	1.13001
hcs135e01	808 CALM3	0.206612	0.784452	-1.27478
hcs135f03	22822 PHLDA1	0.500485	1.43125	1.43125
hcs135f04	7430 EZR	0.875014	0.954655	-1.0475
hcs135g03	6285 S100B	0.470853	1.20233	1.20233
hcs135g04	7048 TGFB2	0.94411	1.0289	1.0289
hcs135g09	1760 DMPK	0.480693	1.67172	1.67172
hcs135h02	4174 MCM5	0.74969	1.13099	1.13099
hcs135h06	2971 GTF3A	0.598404	1.07343	1.07343
hcs135h08	2590 GALNT2	0.146372	1.08461	1.08461
hcs135h09	83543 AIF1L	0.414836	1.46143	1.46143
hcs136a01	89891 WDR34	0.705788	0.853206	-1.17205
hcs136a02	9531 BAG3	0.732822	1.0641	1.0641
hcs136a07		0.108621	1.27734	1.27734
hcs136a08	23541 SEC14L2	0.384584	2.20275	2.20275
hcs136a10	83986 ITFG3	0.509655	1.55093	1.55093
hcs136b05	293 SLC25A6	0.39717	1.35603	1.35603
hcs136b12	4901 NRL	0.05763	1.3652	1.3652
hcs136c02	84461 NEURL4	0.701855	1.20091	1.20091
hcs136c07	654790 PCP4L1	0.276265	2.25974	2.25974
hcs136c10	3280 HES1	0.051679	0.790332	-1.26529
hcs136d02	10347 ABCA7	0.016364	0.67895	-1.47286
hcs136d05	1E+08 LOC100325	0.335349	1.09017	1.09017
hcs136d08		0.649343	1.08357	1.08357
hcs136d11	57410 SCYL1	0.593416	1.23084	1.23084
hcs136d12	80727 TTYH3	0.346359	1.09916	1.09916
hcs136e05	115024 NT5C3L	0.722479	0.835071	-1.1975
hcs136e08	51315 KRCC1	0.459694	1.73351	1.73351
hcs136e09	11091 WDR5	0.428309	1.88861	1.88861
hcs136f02	9374 PPT2	0.947294	0.982763	-1.01754
hcs136f06	5591 PRKDC	0.431379	0.809898	-1.23472
hcs136f07	112858 TP53RK	0.271417	1.54068	1.54068
hcs136f08	84557 MAP1LC3A	0.312644	2.11951	2.11951
hcs136f12	23345 SYNE1	0.325865	1.58595	1.58595
hcs136g05	7297 TYK2	0.032513	1.19721	1.19721
hcs136g09	2194 FASN	0.372382	0.929486	-1.07586
hcs136g10	79109 MAPKAP1	0.787182	1.12627	1.12627
hcs136h04	11129 CLASRP	0.166753	1.17453	1.17453

hcs136h07	22980 TCF25	0.991898	1.00537	1.00537
hcs137a04		0.725647	0.929024	-1.0764
hcs137a05	9637 FEZ2	0.197159	0.824306	-1.21314
hcs137a06	10935 PRDX3	0.008821	0.543601	-1.83958
hcs137a07	573 BAG1	0.352125	0.756267	-1.32228
hcs137a09	55122 AKIRIN2	0.843213	0.955013	-1.04711
hcs137a12	5955 RCN2	0.051551	0.811589	-1.23215
hcs137b05	11014 KDELR2	0.320143	0.687784	-1.45394
hcs137b06	50808 AK3	0.939206	1.03594	1.03594
hcs137c02	6093 ROCK1	0.435056	0.866545	-1.15401
hcs137c03	5274 SERPINI1	0.697415	1.14054	1.14054
hcs137c05	84896 ATAD1	0.427169	0.76971	-1.29919
hcs137c07	23593 HEBP2	0.814666	0.980806	-1.01957
hcs137c08	23350 SR140	0.11969	0.666703	-1.49992
hcs137c11	5264 PHYH	0.564687	1.41942	1.41942
hcs137d04	135112 NCOA7	0.927983	1.03899	1.03899
hcs137d09	10286 BCAS2	0.118287	0.593685	-1.68439
hcs137d10	5867 RAB4A	0.472589	1.1168	1.1168
hcs137d11	5532 PPP3CB	0.103509	0.618303	-1.61733
hcs137d12	5954 RCN1	0.148659	1.41876	1.41876
hcs137e01	80790 CMIP	0.311137	0.826425	-1.21003
hcs137e02	27068 PPA2	0.702238	0.951419	-1.05106
hcs137e05	57178 ZMIZ1	0.801206	1.11968	1.11968
hcs137e07		0.894139	1.05464	1.05464
hcs137e08	26512 INTS6	0.06057	0.706802	-1.41482
hcs137e09	1964 EIF1AX	0.089444	0.717188	-1.39433
hcs137e11	9377 COX5A	0.77257	1.17051	1.17051
hcs137f08	4677 NARS	0.436651	0.745699	-1.34102
hcs137f11	84858 ZNF503	0.023999	0.634135	-1.57695
hcs137f12	64110 MAGEF1	0.273347	1.57417	1.57417
hcs137g01	94101 ORMDL1	0.715307	1.15331	1.15331
hcs137g02	25949 SYF2	0.440824	0.770068	-1.29859
hcs137g03	1499 CTNNB1	0.734117	1.07556	1.07556
hcs137g04	10975 UQCR11	0.547253	0.865801	-1.155
hcs137g05	9217 VAPB	0.250791	1.2082	1.2082
hcs137g06	8932 MBD2	0.243047	0.746822	-1.33901
hcs137g07	10957 PNRC1	0.796276	1.13479	1.13479
hcs137g08	7508 XPC	0.760264	1.07333	1.07333
hcs137g12	5768 QSOX1	0.692282	1.03696	1.03696
hcs137h03	10897 YIF1A	0.358157	2.36798	2.36798
hcs137h06	6187 RPS2	0.200803	0.718017	-1.39272
hcs137h11	7884 SLBP	0.900666	0.988275	-1.01186
hcs137h12	2687 GGT5	0.14828	1.41137	1.41137
hcs138a03	56931 DUS3L	0.032861	0.587862	-1.70108
hcs138a05	56994 CHPT1	0.771736	1.04261	1.04261
hcs138a06	9886 RHOBTB1	0.222406	1.32713	1.32713
hcs138a12	949 SCARB1	0.510369	1.01889	1.01889

hcs138b03	3326 HSP90AB1	0.231219	0.754553	-1.32529
hcs138b04	387647 LOC387647	0.484581	1.78525	1.78525
hcs138b05	10277 UBE4B	0.603486	1.45551	1.45551
hcs138b08	6598 SMARCB1	0.959005	1.02312	1.02312
hcs138b11	975 CD81	0.100344	0.80083	-1.2487
hcs138b12	3837 KPNB1	0.083597	0.921795	-1.08484
hcs138c02	2314 FLII	0.599545	1.34392	1.34392
hcs138c03	10493 VAT1	0.704093	1.19087	1.19087
hcs138c07	5724 PTAFR	0.723985	0.905926	-1.10384
hcs138c08	29088 MRPL15	0.18022	0.723028	-1.38307
hcs138c10	4776 NFATC4	0.334944	1.3486	1.3486
hcs138d06	6143 RPL19	0.299233	1.44292	1.44292
hcs138d10	9547 CXCL14	0.853741	1.02707	1.02707
hcs138d11	170506 DHX36	0.597492	0.900882	-1.11002
hcs138e03	6203 RPS9	0.121553	1.64475	1.64475
hcs138e05	5306 PITPNA	0.706072	1.03364	1.03364
hcs138e07	2767 GNA11	0.263646	0.865065	-1.15598
hcs138f04	10965 ACOT2	0.706784	1.03355	1.03355
hcs138f05	26227 PHGDH	0.533663	1.16747	1.16747
hcs138f06	10522 DEAF1	0.729764	1.13812	1.13812
hcs138f07	5308 PITX2	0.440989	2.22192	2.22192
hcs138f08	26156 RSL1D1	0.053704	0.675495	-1.4804
hcs138f12	4628 MYH10	0.011996	0.765724	-1.30595
hcs138g05	6389 SDHA	0.650266	0.834539	-1.19827
hcs138g06	5879 RAC1	0.917751	1.01665	1.01665
hcs138g07	5501 PPP1CC	0.020196	0.568592	-1.75873
hcs138g11	3572 IL6ST	0.554084	1.14496	1.14496
hcs138g12	10099 TSPAN3	0.753232	0.944043	-1.05927
hcs138h01	79443 FYCO1	0.637871	1.36441	1.36441
hcs138h02	9988 DMTF1	0.980347	0.996838	-1.00317
hcs138h05	1287 COL4A5	0.643456	1.1146	1.1146
hcs138h09	79625 C4orf31	0.383467	1.183	1.183
hcs138h11	5495 PPM1B	0.550084	1.20678	1.20678
hcs138h12	5700 PSMC1	0.908681	0.979883	-1.02053
hcs139a02	4240 MFGE8	0.416992	2.07922	2.07922
hcs139a05	4774 NFIA	0.964425	0.978862	-1.02159
hcs139a06	7050 TGIF1	0.862852	1.05718	1.05718
hcs139a12	55827 DCAF6	0.058601	0.704065	-1.42032
hcs139b03	989 7-Sep	0.351459	1.96367	1.96367
hcs139b04	6122 RPL3	0.487361	1.05359	1.05359
hcs139b05	5719 PSMD13	0.950155	1.01984	1.01984
hcs139b06	8225 GTPBP6	0.920437	1.03981	1.03981
hcs139b07	4515 MTCP1	0.505304	1.13026	1.13026
hcs139b08	26959 HBP1	0.063646	1.25367	1.25367
hcs139c02	1537 CYC1	0.309535	1.0703	1.0703
hcs139c04	57132 CHMP1B	0.969184	0.992865	-1.00719
hcs139c05	22883 CLSTN1	0.689955	1.2719	1.2719

hcs139c07	1859	DYRK1A	0.563719	1.42079	1.42079
hcs139c09	9320	TRIP12	0.091103	0.92275	-1.08372
hcs139d01	120	ADD3	0.03328	0.481563	-2.07657
hcs139d11	3636	INPPL1	0.188498	1.27698	1.27698
hcs139e03	9673	SLC25A44	0.847611	1.05976	1.05976
hcs139e10	9590	AKAP12	0.678593	1.30464	1.30464
hcs139f01	9817	KEAP1	0.508896	1.61577	1.61577
hcs139f04	8079	MLF2	0.872088	1.03702	1.03702
hcs139f08	1453	CSNK1D	0.846704	1.05576	1.05576
hcs139f09	1297	COL9A1	0.997485	1.001	1.001
hcs139f12	23587	C17orf81	0.557732	1.23284	1.23284
hcs139g02	80254	CEP63	0.733348	0.826881	-1.20936
hcs139g03	25870	SUMF2	0.670538	0.847558	-1.17986
hcs139g04	1200	TPP1	0.651697	1.27869	1.27869
hcs139g05	7049	TGFBR3	0.465323	1.94735	1.94735
hcs139g06	6484	ST3GAL4	0.327174	1.46966	1.46966
hcs139g07	10131	TRAP1	0.550029	0.793781	-1.25979
hcs139g09	10955	SERINC3	0.409353	1.27787	1.27787
hcs139g11	58190	CTDSP1	0.324595	1.67676	1.67676
hcs139h01	3014	H2AFX	0.927658	1.04012	1.04012
hcs139h03	9812	KIAA0141	0.62506	1.31691	1.31691
hcs139h05	4809	NHP2L1	0.596981	0.852968	-1.17238
hcs139h06	6827	SUPT4H1	0.672265	1.19177	1.19177
hcs139h09			0.600369	1.40905	1.40905
hcs139h10	10263	CDK2AP2	0.399498	1.36859	1.36859
hcs139h11			0.460027	1.44318	1.44318
hcs140a02	10809	STARD10	0.919066	0.985576	-1.01464
hcs140a04	9368	SLC9A3R1	0.94394	1.06771	1.06771
hcs140a05	8106	PABPN1	0.27971	0.818019	-1.22247
hcs140a06	5496	PPM1G	0.816611	1.11552	1.11552
hcs140a07	79020	C7orf25	0.485291	0.933104	-1.07169
hcs140a10	6497	SKI	0.348658	2.44148	2.44148
hcs140a12	91445	RNF185	0.617703	1.1951	1.1951
hcs140b02	6464	SHC1	0.749012	1.17654	1.17654
hcs140b07	26469	PTPN18	0.370901	1.16132	1.16132
hcs140b08	81888	HYI	0.877899	1.03605	1.03605
hcs140b09	29888	STRN4	0.057373	0.818733	-1.2214
hcs140b12	23770	FKBP8	0.069316	0.844978	-1.18346
hcs140c02	9943	OXSRI	0.754683	0.951039	-1.05148
hcs140c05	55506	H2AFY2	0.597654	0.947524	-1.05538
hcs140c09	91653	BOC	0.968087	1.01515	1.01515
hcs140d01	84681	HINT2	0.716719	0.8969	-1.11495
hcs140d02	10295	BCKDK	0.819427	0.922475	-1.08404
hcs140d06	80789	INTS5	0.708014	1.11772	1.11772
hcs140d07	23705	CADM1	0.746777	1.04285	1.04285
hcs140d09	144348	ZNF664	0.53953	1.1914	1.1914
hcs140d11	10456	HAX1	0.330293	1.34206	1.34206

hcs140d12	1.01E+08	LOC100506	0.102809	0.887598	-1.12664
hcs140e02	79734	KCTD17	0.886355	1.02463	1.02463
hcs140e03	2319	FLOT2	0.828488	0.927387	-1.0783
hcs140e05	25842	ASF1A	0.453909	0.812647	-1.23055
hcs140e06	440836	ODF3B	0.037421	2.47162	2.47162
hcs140e10	92002	FAM58A	0.177662	1.05337	1.05337
hcs140e11	115939	C16orf42	0.98577	1.00162	1.00162
hcs140e12	10094	ARPC3	0.656995	1.07631	1.07631
hcs140f02	56005	C19orf10	0.967368	1.01088	1.01088
hcs140f06	51332	SPTBN5	0.628321	1.26355	1.26355
hcs140f08	1525	CXADR	0.444665	1.51418	1.51418
hcs140g01	9091	PIGQ	0.5555	1.10329	1.10329
hcs140g02	8402	SLC25A11	0.806978	1.12282	1.12282
hcs140g03	127933	UHMK1	0.695842	1.06257	1.06257
hcs140g04	8882	ZNF259	0.685458	1.25685	1.25685
hcs140g07	348262	FAM195B	0.284353	2.60014	2.60014
hcs140g08	823	CAPN1	0.022346	1.37582	1.37582
hcs140g09	79180	EFHD2	0.244721	1.22253	1.22253
hcs140g10	5066	PAM	0.011624	1.69181	1.69181
hcs140g11	1795	DOCK3	0.49996	1.53598	1.53598
hcs140h03	6904	TBCD	0.691774	1.08973	1.08973
hcs140h04	58525	WIZ	0.667045	1.08962	1.08962
hcs140h05	7529	YWHAB	0.057059	0.661958	-1.51067
hcs140h07	8677	STX10	0.0112	1.41744	1.41744
hcs140h08	84271	POLDIP3	0.624945	1.13343	1.13343
hcs140h09	9219	MTA2	0.467869	0.846386	-1.18149
hcs140h11	6731	SRP72	0.380509	0.788973	-1.26747
hcs141a01	1819	DRG2	0.958646	1.02365	1.02365
hcs141a03			0.587768	0.873442	-1.1449
hcs141a04	2746	GLUD1	0.189724	0.708513	-1.41141
hcs141a05	23028	KDM1A	0.826951	0.905351	-1.10454
hcs141a06	9158	FIBP	0.460386	1.86084	1.86084
hcs141a07	124222	PAQR4	0.619559	1.34847	1.34847
hcs141a09	10400	PEMT	0.55372	1.36707	1.36707
hcs141a12	65992	DDRKG1	0.719329	1.07969	1.07969
hcs141b01	84709	C4orf49	0.186142	1.19474	1.19474
hcs141b04	1616	DAXX	0.754033	1.17274	1.17274
hcs141b05	390595	LOC390595	0.019702	1.36841	1.36841
hcs141b06	51308	REEP2	0.314675	2.36965	2.36965
hcs141b08	51768	TM7SF3	0.851944	0.931735	-1.07327
hcs141c02	9392	TGFBRAP1	0.734614	1.2096	1.2096
hcs141c03	59274	MESDC1	0.697811	0.878564	-1.13822
hcs141c04	4738	NEDD8	0.152379	0.754996	-1.32451
hcs141c07	6046	BRD2	0.493346	1.25574	1.25574
hcs141c08	374291	NDUFS7	0.513005	1.67682	1.67682
hcs141d08	5986	RFNG	0.269533	2.73675	2.73675
hcs141e04	54914	KIAA1797	0.218415	1.40276	1.40276

hcs141e05	64747 MFSD1	0.124786	0.633483	-1.57857
hcs141e07	25814 ATXN10	0.213097	0.693338	-1.4423
hcs141e08	23524 SRRM2	0.383205	1.12286	1.12286
hcs141e10		0.160529	1.69372	1.69372
hcs141e11	2295 FOXF2	0.164297	0.817731	-1.2229
hcs141f01	8099 CDK2AP1	0.080029	0.541993	-1.84504
hcs141f02	91272 BOD1	0.547532	0.769741	-1.29914
hcs141f04	11021 RAB35	0.938996	0.981694	-1.01865
hcs141f05	3148 HMGB2	0.283583	1.07484	1.07484
hcs141f06	10643 IGF2BP3	0.513765	0.893134	-1.11965
hcs141f07	51400 PPME1	0.234668	0.832337	-1.20144
hcs141f08	4430 MYO1B	0.482968	0.953718	-1.04853
hcs141f09	55627 SMPD4	0.033074	1.39069	1.39069
hcs141g01	10097 ACTR2	0.696837	1.13654	1.13654
hcs141g02	9902 MRC2	0.110012	0.664508	-1.50487
hcs141g03	3675 ITGA3	0.535878	1.13627	1.13627
hcs141g04	6240 RRM1	0.81514	1.08358	1.08358
hcs141g05	51362 CDC40	0.326211	0.722474	-1.38413
hcs141g06	57104 PNPLA2	0.047776	0.829268	-1.20588
hcs141g07	280636 C11orf31	0.35807	0.689261	-1.45083
hcs141g08	3855 KRT7	0.746525	0.948456	-1.05435
hcs141g09	8514 KCNAB2	0.872444	0.963136	-1.03827
hcs141g10	2617 GARS	0.734816	1.01687	1.01687
hcs141g11	3799 KIF5B	0.257574	1.1847	1.1847
hcs141g12	1855 DVL1	0.514529	1.18322	1.18322
hcs141h01	79709 GLT25D1	0.045552	1.21665	1.21665
hcs141h02	23240 KIAA0922	0.525186	0.894508	-1.11793
hcs141h03	1847 DUSP5	0.841498	1.02905	1.02905
hcs141h04	51645 PPIL1	0.641842	1.05102	1.05102
hcs141h07	6626 SNRPA	0.848249	0.907467	-1.10197
hcs141h08		0.307773	2.38903	2.38903
hcs141h09	51602 NOP58	0.27435	0.655636	-1.52524
hcs141h10	7345 UCHL1	0.640056	0.880244	-1.13605
hcs141h11	4150 MAZ	0.28093	1.58791	1.58791
hcs141h12	56990 CDC42SE2	0.443903	0.834188	-1.19877
hcs142a03	8945 BTRC	0.794703	0.922136	-1.08444
hcs142a05	83540 NUF2	0.540992	0.79689	-1.25488
hcs142a06	22795 NID2	0.720526	1.21763	1.21763
hcs142a07	2309 FOXO3	0.913398	0.959067	-1.04268
hcs142a08	253943 YTHDF3	8.30E-05	0.680492	-1.46952
hcs142a10	55037 PTCD3	0.037103	0.773257	-1.29323
hcs142a11	4726 NDUF56	0.062462	0.713402	-1.40173
hcs142a12		0.588185	0.940731	-1.063
hcs142b01	11260 XPOT	0.337272	0.805836	-1.24095
hcs142b03	125 ADH1B	0.948719	1.03707	1.03707
hcs142b04	26517 TIMM13	0.877322	1.08098	1.08098
hcs142b05	10920 COPS8	0.477627	0.727709	-1.37418

hcs142b07	9130 FAM50A	0.384537	1.99208	1.99208
hcs142b08	6433 SFSWAP	0.548392	1.55832	1.55832
hcs142b09	84650 EBPL	0.067415	1.45277	1.45277
hcs142b11	5806 PTX3	0.06619	1.88102	1.88102
hcs142c02	2947 GSTM3	0.969948	0.982936	-1.01736
hcs142c03	8802 SUCLG1	0.132308	0.574369	-1.74104
hcs142c08	51128 SAR1B	0.875821	1.065	1.065
hcs142d04	57680 CHD8	0.879147	0.939258	-1.06467
hcs142d06	4253 CTAGE5	0.398745	2.79587	2.79587
hcs142d08	9202 ZMYM4	0.221717	0.858878	-1.16431
hcs142e02	677 ZFP36L1	0.05393	1.42432	1.42432