

Affymetrix ID	Gene Symbol	Gene Title	FC (wt/p30 vs wt/p42)	p-value (wt/p30 vs wt/p42)	FC (hm/p30 vs hm/p42)	p-value (hm/p30 vs hm/p42)
Motor Activity (1)						
<u>1428987_at</u>	<u>Dvnlrb2</u>	<i>dynein light chain roadblock-type 2</i>	<u>-2.13</u>	<u>0.0395</u>	<u>-2.32</u>	<u>0.0012</u>
Molecular Transducer Activity (3)						
1418674_at	Osmr	oncostatin M receptor	1.56	0.0229	-1.01	0.8635
1422723_at	Stra6	stimulated by retinoic acid gene 6	1.78	0.0080	-1.10	0.6382
1422832_at	Rgr	retinal G protein coupled receptor	2.62	0.0120	1.13	0.5558
Structural Molecule Activity (5)						
1418599_at	Col11a1	procollagen, type XI, alpha 1	1.51	0.0210	1.04	0.8958
1425476_at	Col4a5	procollagen, type IV, alpha 5	1.56	0.0408	-1.20	0.4173
1434667_at	Col8a2	procollagen, type VIII, alpha 2	1.57	0.0268	-1.08	0.4419
1455627_at	Col8a1	procollagen, type VIII, alpha 1	1.70	0.0430	-1.12	0.5741
<u>1448393_at</u>	<u>Cldn7</u>	<i>claudin 7</i>	<u>-2.45</u>	<u>0.0014</u>	<u>-2.21</u>	<u>0.0000</u>
Binding (10)						
1421161_at	Btc	betacellulin, epidermal growth factor family member	1.62	0.0173	1.02	0.9340
1439651_at	Lmo4	LIM domain only 4	1.63	0.0289	1.00	0.9922
1448433_a_at	Pcolce	procollagen C-endopeptidase enhancer protein	1.64	0.0259	1.14	0.5554
1434719_at	A2m	alpha-2-macroglobulin /// hypothetical protein LOC677369	1.70	0.0346	1.23	0.1763
1425546_a_at	Trf	transferrin	1.70	0.0305	1.12	0.4013
1451580_a_at	Ttr	transthyretin	2.38	0.0121	1.17	0.4894
1419589_at	Cd93	CD93 antigen	-1.58	0.0178	-1.05	0.7675
1416072_at	Cd34	CD34 antigen	-1.74	0.0478	-1.04	0.7018
<u>1457984_at</u>	<u>Crh</u>	<i>corticotropin releasing hormone</i>	<u>-2.05</u>	<u>0.0333</u>	<u>-1.66</u>	<u>0.0229</u>
<u>1445710_x_at</u>	<u>Duxbl</u>	<i>Duxbl double homeobox B-like</i>	<u>-2.61</u>	<u>0.0000</u>	<u>-4.01</u>	<u>0.0007</u>
Transporter Activity (12)						
1420445_at	Slc16a8	solute carrier family 16 (monocarboxylic acid transporters), member 8	1.55	0.0403	1.06	0.6828
1424123_at	Flvcr2	feline leukemia virus subgroup C cellular receptor family, member 2	1.56	0.0063	1.00	0.9816
1429726_at	Slc16a9	solute carrier family 16 (monocarboxylic acid transporters), member 9	1.56	0.0186	-1.01	0.9545
1437992_x_at	Gja1	gap junction membrane channel protein alpha 1	1.84	0.0026	-1.42	0.3033
1424338_at	Slc6a13	solute carrier family 6 (neurotransmitter transporter, GABA), member 13	1.88	0.0001	-1.21	0.4261
1456418_at	Kcnj13	potassium inwardly-rectifying channel,	2.01	0.0268	1.19	0.4450
1423860_at	Ptgds	prostaglandin D2 synthase (brain)	2.07	0.0052	1.08	0.6747
1454866_s_at	Clc1c	chloride intracellular channel 6	2.19	0.0130	1.16	0.4791
1418190_at	Pon1	paraoxonase 1	2.39	0.0298	1.21	0.5401
1425309_at	Catsper2	cation channel, sperm associated 2	-1.52	0.0024	-1.23	0.0178
1417184_s_at	Hbb-b1 /// Hbb-b2	hemoglobin, beta adult major chain /// hemoglobin, beta adult minor chain	-1.62	0.0210	-1.17	0.3062
1428361_x_at	Hba-a1	hemoglobin alpha, adult chain 1	-1.64	0.0268	-1.45	0.0228
Catalytic Activity (16)						
1428485_at	Car12	carbonic anhydrase 12	1.52	0.0490	-1.01	0.9473
1417590_at	Cyp27a1	cytochrome P450, family 27, subfamily a, polypeptide 1	1.53	0.0035	-1.09	0.5365
1444585_at	Adc	arginine decarboxylase	1.54	0.0183	1.13	0.3191
1419039_at	Cyp2d22	cytochrome P450, family 2, subfamily d, polypeptide 22	1.55	0.0065	1.08	0.3266
1444228_s_at	Herc2	hect domain and RCC1 (CHC1)-like domain (RLD) 2	1.57	0.0010	1.17	0.4508
<u>1430165_at</u>	<u>Stk17b</u>	<i>serine/threonine kinase 17b (apoptosis-inducing)</i>	<u>1.64</u>	<u>0.0126</u>	<u>1.83</u>	<u>0.0120</u>
1415861_at	Tyrp1	tyrosinase-related protein 1	1.70	0.0421	1.27	0.5501
1418808_at	Rdh5	retinol dehydrogenase 5	1.87	0.0088	1.25	0.2622
<u>1449453_at</u>	<u>Bst1</u>	<i>bone marrow stromal cell antigen 1</i>	<u>1.91</u>	<u>0.0131</u>	<u>1.69</u>	<u>0.0178</u>
1452975_at	Agxt2l1	alanine-glyoxylate aminotransferase 2-like 1	1.98	0.0030	-1.43	0.1252
<u>1451796_s_at</u>	<u>Hdc</u>	<i>histidine decarboxylase</i>	<u>1.68</u>	<u>0.0331</u>	<u>1.67</u>	<u>0.0388</u>
1450197_at	Rpe65	retinal pigment epithelium 65	2.82	0.0085	1.12	0.6292
1449106_at	Gpx3	glutathione peroxidase 3	2.86	0.0104	-1.22	0.6745
1429159_at	Itih5	inter-alpha (globulin) inhibitor H5	-1.52	0.0462	-1.35	0.0589
1455893_at	Rspo2	R-spondin 2 homolog (Xenopus laevis)	-1.85	0.0028	-1.29	0.1904
<u>1417889_at</u>	<u>Apohec2</u>	<i>apolipoprotein B editing complex 2</i>	<u>-2.24</u>	<u>0.0005</u>	<u>-1.88</u>	<u>0.0009</u>
Unknown Function (4)						
1430977_at	Fam159b	family with sequence similarity 159, member B	2.09	0.0428	1.40	0.0407
1430944_at	A930030B08Rik	RIKEN cDNA A930030B08 gene	-1.56	0.0147	-1.26	0.3239
1460107_at	Fam154b	family with sequence similarity 154, member B	-1.57	0.0198	1.09	0.3168
1433837_at	8430408G22Rik	RIKEN cDNA 8430408G22 gene	-1.70	0.0441	-1.08	0.3084
Not Annotated (3)						
1443673_x_at			1.61	0.0476	1.35	0.3505
1443053_at			-1.51	0.0436	1.43	0.3524
1457469_at			-1.54	0.0085	-1.16	0.3949