

Supplemental Table 1. Primers used for quantitative RT-PCR experiments.

Gene	Primer	Sequence	Tm
Smad6	Forward	CCGGGTGAATTCTCAGATGCCAGC	59.9
	Reverse	CAGCCTGGTCGTACACCGCA	59.1
Rbm38	Forward	CACACCACCGACGCATCGCT	60
	Reverse	TGGTCACGAAGCCGTAGCCG	59.2
Plau	Forward	TCCGCTGCAGTCACCGAACT	58.3
	Reverse	AGAGTTTTTCACCACCAAGGCGCA	59.5
Slfn3	Forward	ACTGCAGTGATGCCTGGAAAGGT	58.4
	Reverse	GTGTTCTTTAAGCAGGGAGCCCA	58.9
Ccna2	Forward	GCTCTCGCTGCATCAGGAAGACC	59.6
	Reverse	GAGGAGCAACCCGTCGAGTCTTGA	60.2
Nfkbiz	Forward	CTGAAGTCCCGAGGCCAACCGC	61.9
	Reverse	CGTCCAGCAGCTTGTCCACGATC	60.1
Serpinb9c	Forward	GTGCAGGTTCAAGTGCTGGTGC	59.1
	Reverse	TGCCTTCCACCTTGCTGAGTTCC	59.1
Xbp1	Forward	TCATGGTACCCGGTCCGCGG	60.7
	Reverse	CAGTTTCCTCCGCAGCGCTTTC	59
Nqo	Forward	TTCTCTGGCCGATTCAGAGTGGCA	59.9
	Reverse	GCGGGCATCTGGTGGAGTGTG	60

Supplemental table 2. Differentially expressed genes in RAW264.7 macrophages 6 hours hrs post LPS treatment. Differentially expressed genes are defined as those significant at 1% FDR by SAM and with >2 fold up- or down-regulation.

Probe ID	GenBank Accession	Entrez Gene ID	Gene Symbol & Name	Sigma score (d)	Sigma fold	Sigma q value	LIST score (d)	LIST fold	LIST q value
A_51_P254855	NM_011198	19225	Ptgs2; prostaglandin-endoperoxide synthase 2	10.40	51.70	0.00	13.91	72.86	0.00
A_51_P212782	NM_008361			4.65	85.05	0.00	5.56	67.35	0.00
A_51_P400190	NM_020557	22169	Tyki; thymidylate kinase family LPS-inducible member	5.71	27.00	0.00	11.88	38.13	0.00
A_51_P161021	NM_008332	15958	Ifit2; interferon-induced protein with tetratricopeptide repeats 2	6.05	11.04	0.00	10.81	35.24	0.00
A_51_P337308	NM_011315	20210	Saa3; serum amyloid A 3	6.41	60.71	0.00	9.66	25.60	0.00
A_51_P430766	NM_010548	16153	Il10; interleukin 10	7.89	51.48	0.00	8.82	24.65	0.00
A_51_P505134	NM_021384	58185	Rsad2; radical S-adenosyl methionine domain containing 2	8.64	31.71	0.00	5.16	23.80	0.00
A_51_P123630	L38281	16365	Irg1; immunoresponsive gene 1	8.74	30.86	0.00	6.37	23.28	0.00
A_51_P432641	NM_021274	15945	Cxcl10; chemokine (C-X-C motif) ligand 10	6.94	19.98	0.00	3.89	22.28	0.00
A_51_P438283	NM_010554	16175	Il1a; interleukin 1 alpha	4.86	5.44	0.00	7.20	21.97	0.00
A_51_P437309	NM_145209	231655	Oasl1; 2'-5' oligoadenylate synthetase-like 1	7.29	21.27	0.00	8.91	18.09	0.00
A_51_P164219	NM_011909	24110	Usp18; ubiquitin specific protease 18	4.19	7.91	0.00	7.76	16.81	0.00
A_51_P387591	NM_030612	80859	Nfkbiz; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	6.47	9.67	0.00	9.61	14.72	0.00
A_51_P377620	NM_172648	226695	Ifi205; interferon activated gene 205	4.63	8.52	0.00	9.33	14.18	0.00
A_51_P359570	NM_010501	15959	Ifit3; interferon-induced protein with tetratricopeptide repeats 3	7.11	14.20	0.00	8.09	13.49	0.00
A_51_P203955	NM_010260	14469	Gbp2; guanylate nucleotide binding protein 2	1.84	12.66	0.14	7.61	12.94	0.00
A_51_P151182	NM_011940	26388	Ifi202b; interferon activated gene 202B	5.50	10.22	0.00	8.58	12.52	0.00
A_51_P197910	XM_358375	234311	BC013672; cDNA sequence BC013672	1.69	7.24	0.22	5.29	12.28	0.00
A_51_P140710	NM_011337	20302	Ccl3; chemokine (C-C motif) ligand 3	5.84	29.90	0.00	3.52	11.89	0.00

A_51_P352968	NM_008538	17118	Marcks; myristoylated alanine rich protein kinase C substrate	3.33	11.36	0.00	8.60	11.50	0.00
A_51_P307401	NM_011331	20293	Ccl12; chemokine (C-C motif) ligand 12	3.75	75.33	0.00	3.66	11.15	0.00
A_51_P387810	NM_027835	71586	Ifih1; interferon induced with helicase C domain 1	3.81	7.47	0.00	5.24	11.13	0.00
A_51_P510152	NM_008491	16819	Lcn2; lipocalin 2	4.15	6.97	0.00	6.47	11.11	0.00
A_51_P280323	NM_144539	75345	Slamf7; SLAM family member 7	1.94	10.74	0.17	4.74	10.91	0.00
A_51_P341767	XM_488522	432411	Parp14; poly (ADP-ribose) polymerase family, member 14	4.23	7.12	0.00	6.00	10.85	0.00
A_51_P275454	NM_009099	20128	Trim30; tripartite motif protein 30	3.13	44.80	0.00	3.70	10.18	0.00
A_51_P228765	NM_011409	20557	Slfn3; schlafen 3	4.96	14.82	0.00	6.75	10.13	0.00
A_51_P291347	NM_013614	18263	Odc1; ornithine decarboxylase, structural 1	5.61	14.94	0.00	5.93	9.92	0.00
A_51_P427383	BC031151	209086	AA175286; EST AA175286	4.60	5.97	0.00	7.20	9.51	0.00
A_51_P474459	NM_007707	12702	Socs3; suppressor of cytokine signaling 3	6.46	31.33	0.00	3.81	9.32	0.00
A_51_P183815	NM_011410	20558	Slfn4; schlafen 4	7.21	13.62	0.00	5.53	9.16	0.00
A_51_P112355	NM_018738	16145	Igtp; interferon gamma induced GTPase	4.09	5.97	0.00	3.51	9.01	0.00
A_51_P175681	XM_620550	244193	A630026L20; hypothetical protein A630026L20	5.16	9.26	0.00	5.73	8.56	0.00
A_51_P444447	NM_007679	12609	Cebpd; CCAAT/enhancer binding protein (C/EBP), delta	5.18	8.90	0.00	6.74	8.22	0.00
A_51_P158538	NM_011756	22695	Zfp36; zinc finger protein 36	7.09	16.66	0.00	6.17	8.09	0.00
A_51_P100327	NM_013683	21354	Tap1; transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	1.82	2.86	0.13	6.06	8.03	0.00
A_51_P265444	NM_172980			4.71	10.48	0.00	5.19	7.87	0.00
A_51_P421876	NM_016850	54123	Irf7; interferon regulatory factor 7	3.46	3.21	0.00	4.64	7.85	0.00
A_51_P165244	NM_018734	55932	Gbp4; guanylate nucleotide binding protein 4	2.03	14.05	0.00	5.81	7.75	0.00
A_51_P259927	NM_023044	65221	Slc15a3; solute carrier family 15, member 3	6.31	23.55	0.00	6.00	7.73	0.00
A_51_P494403	XM_282966	327959	Fbxo39; F-box protein 39	3.90	4.64	0.00	6.61	7.53	0.00
A_51_P508510	Z11886	18128	Notch1; Notch gene homolog 1 (Drosophila)	4.73	6.92	0.00	5.77	7.37	0.00
A_51_P257549	NM_010807	17357	Mlp; MARCKS-like protein	4.27	6.90	0.00	7.27	7.32	0.00
A_51_P253074	NM_027979	71884	Chit1; chitinase 1 (chitotriosidase)	4.68	4.84	0.00	6.19	7.25	0.00

A_51_P340078	NM_009397	21929	Tnfaip3; tumor necrosis factor, alpha-induced protein 3	5.84	6.57	0.00	6.05	7.24	0.00
A_51_P286737	NM_011333	20296	Ccl2; chemokine (C-C motif) ligand 2	6.95	26.86	0.00	3.95	7.23	0.00
A_51_P500984	NM_008655	17873	Gadd45b; growth arrest and DNA-damage-inducible 45 beta	3.77	6.04	0.00	5.51	7.09	0.00
A_51_P307166	NM_031167	16181	Il1rn; interleukin 1 receptor antagonist	2.57	15.68	0.00	2.70	7.08	0.00
A_51_P514714	BC021340	432411	Parp14; poly (ADP-ribose) polymerase family, member 14	5.40	9.92	0.00	3.70	7.02	0.00
A_51_P129229	NM_008330	18356	Olfr56; olfactory receptor 56	3.82	4.24	0.00	3.67	6.98	0.00
A_51_P232889	NM_023324	67245	Peli1; pellino 1	4.26	4.98	0.00	6.17	6.94	0.00
A_51_P408340	NM_008329	15951	Ifi204; interferon activated gene 204	3.55	4.54	0.00	5.84	6.87	0.00
A_51_P254656	NM_008230	15186	Hdc; histidine decarboxylase	3.17	4.33	0.00	4.84	6.85	0.00
A_51_P485312	NM_013653	20304	Ccl5; chemokine (C-C motif) ligand 5	2.91	3.33	0.00	5.66	6.67	0.00
A_51_P115005	NM_010104	13614	Edn1; endothelin 1	1.64	2.12	0.29	4.98	6.65	0.00
A_51_P448094	NM_153106	242726	Padi6; peptidyl arginine deiminase, type VI	1.69	2.12	0.22	4.61	6.55	0.00
A_51_P336306	NM_009277	20821	Trim21; tripartite motif protein 21	4.11	5.46	0.00	4.58	6.42	0.00
A_51_P334785	NM_175026	236312	AI447904; expressed sequence AI447904	4.41	7.57	0.00	4.42	6.36	0.00
A_51_P364694	BB206048			4.42	7.65	0.00	5.53	6.34	0.00
A_51_P509573	NM_013652	20303	Ccl4; chemokine (C-C motif) ligand 4	4.62	17.80	0.00	3.03	6.20	0.00
A_51_P126131	NM_009912	12768	Ccr1; chemokine (C-C motif) receptor 1	7.54	14.21	0.00	3.30	6.17	0.00
A_51_P256827	NM_013650	20201	S100a8; S100 calcium binding protein A8 (calgranulin A)	1.90	12.04	0.16	5.56	6.17	0.00
A_51_P457216	AK085543			3.88	4.46	0.00	5.96	6.11	0.00
A_51_P225808	NM_019963	20847	Stat2; signal transducer and activator of transcription 2	2.67	2.94	0.00	5.25	6.10	0.00
A_51_P385099	NM_013693	21926	Tnf; tumor necrosis factor	3.41	4.61	0.00	5.87	6.10	0.00
A_51_P439085	NM_023516	69573	2310016C08Rik; RIKEN cDNA 2310016C08 gene	4.00	7.51	0.00	5.02	6.10	0.00
A_51_P304170	NM_023386	67775	5830458K16Rik; RIKEN cDNA 5830458K16 gene	1.65	3.93	0.21	5.70	6.09	0.00
A_51_P159503	AK173199	268513	D11Ertd759e; DNA segment, Chr 11, ERATO Doi 759, expressed	4.47	8.10	0.00	5.20	6.05	0.00
A_51_P195958	NM_009344	21664	Phlda1; pleckstrin homology-like domain, family A, member 1	4.63	7.28	0.00	4.84	6.05	0.00
A_51_P286488	NM_133662	15937	Ier3; immediate early response 3	3.13	5.11	0.00	4.22	5.99	0.00

A_51_P291906	NM_126166	142980	Tlr3; toll-like receptor 3	1.56	2.03	0.93	3.69	5.75	0.00
A_51_P327751	NM_008331	15957	Ifit1; interferon-induced protein with tetratricopeptide repeats 1	1.53	7.61	1.11	4.79	5.75	0.00
A_51_P266311	NM_029000	74558	Gvin1; GTPase, very large interferon inducible 1	4.48	8.85	0.00	4.60	5.64	0.00
A_51_P283759	NM_008689	18033	Nfkb1; nuclear factor of kappa light chain gene enhancer in B-cells 1, p105	3.23	6.67	0.00	4.36	5.60	0.00
A_51_P369221	AK019785	77630	Prdm8; PR domain containing 8	1.62	2.26	0.29	4.09	5.56	0.00
A_51_P382152	NM_011171	19124	Procr; protein C receptor, endothelial	1.79	10.37	0.13	5.43	5.54	0.00
A_51_P173281	NM_008700	18091	Nkx2-5; NK2 transcription factor related, locus 5 (Drosophila)	4.91	5.88	0.00	5.11	5.53	0.00
A_51_P493085	XM_140740	240672	Gm337; gene model 337, (NCBI)	5.19	6.40	0.00	4.89	5.47	0.00
A_51_P354782	NM_010720	16891	Lipg; lipase, endothelial	3.77	4.64	0.00	4.12	5.45	0.00
A_51_P463846	NM_145545	229900	9830147J24Rik; RIKEN cDNA 9830147J24 gene	3.65	4.15	0.00	5.04	5.44	0.00
A_51_P144436	XM_130703	98999	AI481105; expressed sequence AI481105	3.19	3.45	0.00	5.18	5.30	0.00
A_51_P163942	NM_010927	18126	Nos2; nitric oxide synthase 2, inducible, macrophage	3.59	5.93	0.00	4.89	5.29	0.00
A_51_P393747	NM_172689	230073	Ddx58; DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	2.53	3.52	0.00	4.36	5.17	0.00
A_51_P382393	NM_133753	74155	1300002F13Rik; RIKEN cDNA 1300002F13 gene	1.69	2.25	0.22	5.12	5.11	0.00
A_51_P363657	NM_028800	74178	2310004N11Rik; RIKEN cDNA 2310004N11 gene	2.84	3.64	0.00	4.48	4.94	0.00
A_51_P278282	NM_011610	21938	Tnfrsf1b; tumor necrosis factor receptor superfamily, member 1b	5.76	13.19	0.00	3.73	4.89	0.00
A_51_P162326	BC056356			2.40	2.71	0.00	5.43	4.88	0.00
A_51_P388607	NM_010751	17119	Mad; Max dimerization protein	4.25	9.84	0.00	4.32	4.85	0.00
A_51_P272513	U76755			1.93	2.80	0.17	4.66	4.83	0.00
A_51_P214745	NM_172893	243771	Zc3hdc1; zinc finger CCCH type domain containing 1	2.56	3.04	0.00	4.36	4.80	0.00
A_51_P254034	NM_011611	21939	Tnfrsf5; tumor necrosis factor receptor superfamily, member 5	2.17	2.48	0.00	4.48	4.79	0.00
A_51_P510713	NM_020583	57444	Isg20; interferon-stimulated protein	1.66	2.11	0.22	4.92	4.71	0.00

A_51_P250173	NM_009283	20846	Stat1; signal transducer and activator of transcription 1	2.25	2.62	0.00	4.07	4.61	0.00
A_51_P296764	NM_010186	14129	Fcgr1; Fc receptor, IgG, high affinity I	5.12	6.91	0.00	4.22	4.57	0.00
A_51_P246166	NM_007969	14038	Expi; extracellular proteinase inhibitor	4.06	6.16	0.00	3.19	4.47	0.00
A_51_P301123	NM_013673			3.12	3.06	0.00	4.65	4.45	0.00
A_51_P201480	NM_213659	20848	Stat3; signal transducer and activator of transcription 3	1.58	2.07	0.44	3.47	4.39	0.00
A_51_P339115	NM_144532	73660	Cabp4; calcium binding protein 4	1.57	2.07	0.69	4.55	4.36	0.00
A_51_P408239	NM_008207	15042	H2-T24; histocompatibility 2, T region locus 24	2.21	3.18	0.00	4.18	4.36	0.00
A_51_P497295	BC020023	70536	Qpct; glutaminyl-peptide cyclotransferase (glutaminyl cyclase)	1.63	2.18	0.29	3.69	4.33	0.00
A_51_P184108	AK014983	77058	4921530D09Rik; RIKEN cDNA 4921530D09 gene	1.90	2.84	0.16	4.62	4.18	0.00
A_51_P394676	BC040217	17261	Mef2d; myocyte enhancer factor 2D	2.20	3.00	0.00	3.59	4.18	0.00
A_51_P436342	NM_008268	15413	Hoxb5; homeo box B5	2.25	2.55	0.00	4.42	4.10	0.00
A_51_P494241	NM_007534	12045	Bcl2a1b; B-cell leukemia/lymphoma 2 related protein A1b	2.20	3.31	0.00	2.35	4.08	0.00
A_51_P430900	NM_013642	19252	Dusp1; dual specificity phosphatase 1	2.89	3.95	0.00	4.92	4.06	0.00
A_51_P102096	NM_010849	17869	Myc; myelocytomatosis oncogene	3.68	5.27	0.00	3.45	4.05	0.00
A_51_P316816	NM_023738	74153	Ube1l; ubiquitin-activating enzyme E1-like	2.88	2.63	0.00	4.13	3.99	0.00
A_51_P467284	NM_008561	17201	Mc3r; melanocortin 3 receptor	1.91	2.80	0.16	3.81	3.98	0.00
A_51_P152873	NM_207670	54645	Gripap1; GRIP1 associated protein 1	1.86	2.21	0.15	4.00	3.91	0.00
A_51_P231820	AK047983	75307	4930565N07Rik; RIKEN cDNA 4930565N07 gene	2.87	2.94	0.00	3.37	3.91	0.00
A_51_P297579	NM_008102	14528	Gch1; GTP cyclohydrolase 1	3.25	3.71	0.00	4.04	3.83	0.00
A_51_P400163	NM_011637	22040	Trex1; three prime repair exonuclease 1	2.39	2.66	0.00	3.27	3.82	0.00
A_51_P500949	NM_133919	17355	Mllt2h; homolog of human MLLT2 unidentified gene	2.58	2.62	0.00	4.58	3.73	0.00
A_51_P248665	NM_021893	60533	Cd274; CD274 antigen	3.65	5.52	0.00	3.51	3.71	0.00
A_51_P156857	NM_134133	106878	2010002N04Rik; RIKEN cDNA 2010002N04 gene	2.95	4.21	0.00	3.66	3.70	0.00
A_51_P434301	NM_026656	68279	Mcoln2; mucolipin 2	4.06	9.43	0.00	3.32	3.69	0.00
A_51_P512061	BC085280			1.70	2.43	0.23	3.62	3.68	0.00
A_51_P415369	NM_021397	58206	MGI:1891838; repressor of GATA	1.96	2.32	0.17	3.48	3.65	0.00

A_51_P112407	NM_011113	18793	Plaur; urokinase plasminogen activator receptor	3.19	4.18	0.00	3.94	3.63	0.00
A_51_P486660	NM_172275	231712	MGI:1923551; FLN29 gene product	2.19	2.27	0.00	3.19	3.63	0.00
A_51_P423578	NM_011408	20556	Slfn2; schlafen 2	1.67	2.21	0.22	3.53	3.58	0.00
A_51_P246317	NM_008630	17750	Mt2; metallothionein 2	4.30	10.45	0.00	3.13	3.56	0.00
A_51_P325281	XM_129595	226691	AI607873; expressed sequence AI607873	2.18	2.22	0.00	2.83	3.55	0.00
A_51_P332205	NM_009976	13010	Cst3; cystatin C	2.88	2.76	0.00	3.54	3.54	0.00
A_51_P412835	NM_007829	13163	Daxx; Fas death domain-associated protein	3.32	3.14	0.00	4.24	3.53	0.00
A_51_P417025	NM_013837	22021	Tpst1; protein-tyrosine sulfotransferase 1	2.25	2.94	0.00	2.48	3.52	0.00
A_51_P198179	NM_023141	30935	Tor3a; torsin family 3, member A	2.34	2.69	0.00	3.42	3.51	0.00
A_51_P170903	NM_018851	56045	Samhd1; SAM domain and HD domain, 1	1.58	1.98	0.44	4.12	3.50	0.00
A_51_P376050	NM_029495	108670	Epsti1; epithelial stromal interaction 1 (breast)	3.03	2.85	0.00	2.55	3.50	0.00
A_51_P111932	NM_022329	64164	MGI:1929890; interferon alpha responsive gene	2.34	2.32	0.00	3.79	3.47	0.00
A_51_P135309	NM_018823	54446	Nfat5; nuclear factor of activated T-cells 5	1.66	2.13	0.21	3.64	3.46	0.00
A_51_P305770	NM_145158	246707	Emilin2; elastin microfibril interfacier 2	1.68	1.71	0.22	3.58	3.45	0.00
A_51_P324110	NM_144808	213053	Slc39a14; solute carrier family 39 (zinc transporter), member 14	4.79	5.81	0.00	3.41	3.45	0.00
A_51_P385781	NM_010495	15901	Id1; inhibitor of DNA binding 1	2.53	3.32	0.00	3.92	3.43	0.00
A_51_P473717	NM_145827	216799	Cias1; cold autoinflammatory syndrome 1 homolog (human)	1.71	12.70	0.23	2.31	3.43	0.00
A_51_P262515	NM_172603	219131	Phf11; PHD finger protein 11	5.67	7.04	0.00	2.18	3.41	0.00
A_51_P323248	NM_011521	20971	Sdc4; syndecan 4	4.47	5.20	0.00	4.17	3.41	0.00
A_51_P344113	NM_053202	108655	Foxp1; forkhead box P1	1.80	2.02	0.13	3.93	3.39	0.00
A_51_P290576	NM_152804	20620	Plk2; polo-like kinase 2 (Drosophila)	3.40	3.58	0.00	3.83	3.38	0.00
A_51_P113806	NM_145066	64450	Gpr85; G protein-coupled receptor 85	3.52	4.75	0.00	3.27	3.34	0.00
A_51_P237856	NM_008328	15950	Ifi203; interferon activated gene 203	2.65	2.96	0.00	3.33	3.33	0.00
A_51_P262171	NM_008326	15944	Ifi1; interferon inducible protein 1	3.21	3.09	0.00	2.98	3.33	0.00
A_51_P306109	NM_008501	16878	Lif; leukemia inhibitory factor	1.61	2.27	0.37	2.57	3.33	0.00
A_51_P412778	NM_007754	12874	Cpd; carboxypeptidase D	3.03	3.34	0.00	2.87	3.32	0.00
A_51_P394324	NM_207636	319448	Fndc3a; fibronectin type III domain containing 3a	1.71	2.06	0.23	3.45	3.31	0.00
A_51_P431433	NM_031997	83921	Tmem2; transmembrane protein 2	4.60	6.07	0.00	3.16	3.27	0.00

A_51_P514085	NM_013606	17858	Mx2; myxovirus (influenza virus) resistance 2	2.51	2.53	0.00	2.88	3.27	0.00
A_51_P309796	NM_023380	67742	Samsn1; SAM domain, SH3 domain and nuclear localisation signals, 1	2.29	3.07	0.00	2.90	3.20	0.00
A_51_P414885	NM_027320	70110	Ifi35; interferon-induced protein 35	4.00	6.20	0.00	3.22	3.19	0.00
A_51_P148227	NM_012051	27049	Etv3; ets variant gene 3	2.66	2.80	0.00	2.85	3.18	0.00
A_51_P149714	NM_026835	68774	Ms4a6d; membrane-spanning 4-domains, subfamily A, member 6D	2.94	8.58	0.00	2.39	3.18	0.00
A_51_P322990	NM_175001	216767	Mrpl22; mitochondrial ribosomal protein L22	2.33	2.63	0.00	3.28	3.18	0.00
A_51_P279993	AK088400	218756	Slc4a7; solute carrier family 4, sodium bicarbonate cotransporter, member 7	1.53	2.22	1.11	3.68	3.17	0.00
A_51_P332717	NM_011673	22234	Ugcg; UDP-glucose ceramide glucosyltransferase	1.85	2.24	0.14	3.98	3.17	0.00
A_51_P372099	NM_177363	245126	9930022N03Rik; RIKEN cDNA 9930022N03 gene	2.88	2.99	0.00	3.40	3.17	0.00
A_51_P198565	NM_008842	18712	Pim1; proviral integration site 1	3.00	3.76	0.00	2.43	3.16	0.00
A_51_P369081	NM_138952	192656	Ripk2; receptor (TNFRSF)-interacting serine-threonine kinase 2	1.53	2.02	1.11	3.32	3.16	0.00
A_51_P504991	NM_181542	237886	Slfn9; schlafen 9	2.79	2.94	0.00	3.22	3.16	0.00
A_51_P308796	NM_010235	14283	Fosl1; fos-like antigen 1	3.45	3.88	0.00	4.43	3.15	0.00
A_51_P511787	NM_007609	12363	Casp11; caspase 11, apoptosis-related cysteine protease	5.00	6.32	0.00	2.81	3.15	0.00
A_51_P217463	NM_009140	20310	Cxcl2; chemokine (C-X-C motif) ligand 2	7.47	31.73	0.00	3.12	3.13	0.00
A_51_P414412	NM_172275	231712	MGI:1923551; FLN29 gene product	2.73	2.72	0.00	3.32	3.09	0.00
A_51_P348492	NM_009121	20229	Sat1; spermidine/spermine N1-acetyl transferase 1	3.04	5.87	0.00	3.97	3.08	0.00
A_51_P297671	NM_008194	14933	Gyk; glycerol kinase	4.59	6.07	0.00	3.11	3.05	0.00
A_51_P377452	NM_008677	17972	Ncf4; neutrophil cytosolic factor 4	1.89	2.36	0.16	3.47	3.05	0.00
A_51_P485113	NM_029758	76820	D12Ertd553e; DNA segment, Chr 12, ERATO Doi 553, expressed	3.36	2.94	0.00	3.21	3.05	0.00
A_51_P212491	NM_133232	170768	Pfkfb3; 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	4.00	4.90	0.00	3.56	3.01	0.00
A_51_P229600	AK044502	75320	Etnk1; ethanolamine kinase 1	1.85	2.20	0.14	3.67	3.00	0.00
A_51_P125716	NM_031373	72075	Ogfr; opioid growth factor receptor	2.72	4.49	0.00	2.97	2.97	0.00

A_51_P281997	NM_028349	72776	2810453L12Rik; RIKEN cDNA 2810453L12 gene	1.59	2.14	0.45	2.82	2.97	0.00
A_51_P340083	AK129389	214133	E130014J05Rik; RIKEN cDNA E130014J05 gene	3.03	3.31	0.00	3.28	2.97	0.00
A_51_P327651	NM_031367	15061	H28; histocompatibility 28	3.10	3.47	0.00	3.32	2.96	0.00
A_51_P458249	NM_019948	56619	Clec4e; C-type lectin domain family 4, member e	2.51	3.93	0.00	2.16	2.96	0.00
A_51_P125067	NM_019401	64685	Nmi; N-myc (and STAT) interactor	1.95	2.03	0.17	3.22	2.93	0.00
A_51_P293789	NM_007498	11910	Atf3; activating transcription factor 3	1.80	2.53	0.13	3.19	2.92	0.00
A_51_P412160	NM_172572	217344	Rhbdl6; rhomboid, veinlet-like 6 (Drosophila)	4.25	5.71	0.00	2.86	2.92	0.00
A_51_P460954	NM_009139	20305	Ccl6; chemokine (C-C motif) ligand 6	3.93	4.52	0.00	3.01	2.92	0.00
A_51_P366000	NM_176902	319370	1110014K08Rik; RIKEN cDNA 1110014K08 gene	2.63	2.66	0.00	3.41	2.87	0.00
A_51_P153565	NM_008360	16173	Il18; interleukin 18	2.81	3.75	0.00	2.88	2.81	0.00
A_51_P289912	XM_203999	76089	Rapgef2; Rap guanine nucleotide exchange factor (GEF) 2	3.17	6.52	0.00	2.55	2.80	0.00
A_51_P488888	NM_013632	18950	Pnp; purine-nucleoside phosphorylase	3.68	3.58	0.00	2.76	2.77	0.00
A_51_P240329	AK045401	67048	2610030H06Rik; RIKEN cDNA 2610030H06 gene	2.10	2.19	0.00	3.16	2.73	0.00
A_51_P436646	NM_013654	20306	Ccl7; chemokine (C-C motif) ligand 7	9.57	43.75	0.00	2.80	2.73	0.00
A_51_P212977	NM_133954	101985	AA960436; expressed sequence AA960436	2.54	2.59	0.00	2.63	2.67	0.00
A_51_P321990	BG870283	109032	5830484A20Rik; RIKEN cDNA 5830484A20 gene	1.91	2.07	0.16	2.40	2.66	0.00
A_51_P175255	NM_031198	21426	Tcfec; transcription factor EC	2.98	3.11	0.00	1.48	2.64	0.05
A_51_P499838	NM_009763	12182	Bst1; bone marrow stromal cell antigen 1	2.17	3.75	0.00	2.90	2.64	0.00
A_51_P412391	NM_011998	26887	Chst4; carbohydrate (chondroitin 6/keratan) sulfotransferase 4	3.41	4.09	0.00	3.15	2.62	0.00
A_51_P109923	NM_019983	56715	Rabgef1; RAB guanine nucleotide exchange factor (GEF) 1	3.22	3.65	0.00	2.85	2.61	0.00
A_51_P169693	NM_198095	69550	Bst2; bone marrow stromal cell antigen 2	3.85	3.45	0.00	2.75	2.60	0.00
A_51_P481342	NM_011673	22234	Ugcg; UDP-glucose ceramide glucosyltransferase	2.31	3.04	0.00	2.36	2.60	0.00
A_51_P129199	BC024074	18810	Plec1; plectin 1	2.80	3.16	0.00	2.89	2.59	0.00

A_51_P225186	NM_018782	54598	Calclrl; calcitonin receptor-like	4.03	9.67	0.00	2.81	2.58	0.00
A_51_P288193	NM_007569	12226	Btg1; B-cell translocation gene 1, anti-proliferative	1.91	2.54	0.16	2.64	2.58	0.00
A_51_P287635	NM_008773	18442	P2ry2; purinergic receptor P2Y, G-protein coupled 2	3.28	4.36	0.00	2.35	2.56	0.00
A_51_P122017	NM_001017426	216850	Jmjd3; jumonji domain containing 3	2.30	2.29	0.00	2.69	2.54	0.00
A_51_P355267	NM_011852	246730	Oas1a; 2'-5' oligoadenylate synthetase 1A	2.32	2.52	0.00	2.44	2.54	0.00
A_51_P306183	NM_010757	17135	Mafk; v-maf musculoaponeurotic fibrosarcoma oncogene family, protein K (avian)	2.51	2.56	0.00	2.83	2.53	0.00
A_51_P520459	NM_010329	14726	Gp38; glycoprotein 38	3.10	3.54	0.00	2.62	2.53	0.00
A_51_P372826	NM_145533	228608	Smox; spermine oxidase	3.17	3.95	0.00	3.41	2.51	0.00
A_51_P487690	NM_133871	99899	Ifi44; interferon-induced protein 44	2.62	2.58	0.00	2.78	2.51	0.00
A_51_P199135	NM_009856	12522	Cd83; CD83 antigen	2.31	3.50	0.00	2.13	2.49	0.00
A_51_P282799	NM_008884	18854	Pml; promyelocytic leukemia	2.19	2.41	0.00	2.61	2.49	0.00
A_51_P335653	NM_016888	53625	B3gnt1; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	1.63	2.02	0.29	2.93	2.46	0.00
A_51_P464738	NM_011400	20525	Slc2a1; solute carrier family 2 (facilitated glucose transporter), member 1	1.64	2.15	0.29	1.65	2.46	0.00
A_51_P453343	NM_027869	71701	Pnpt1; polyribonucleotide nucleotidyltransferase 1	2.83	2.94	0.00	3.10	2.45	0.00
A_51_P238357	NM_019549	56193	Plek; pleckstrin	4.39	5.77	0.00	2.36	2.44	0.00
A_51_P121432	NM_175104	66306	2810012G03Rik; RIKEN cDNA 2810012G03 gene	2.10	2.63	0.00	2.80	2.42	0.00
A_51_P215729	NM_176924	319482	9530053A07Rik; RIKEN cDNA 9530053A07 gene	-2.27	0.06	0.21	2.74	2.42	0.00
A_51_P222273	NM_019777	56489	Ikbke; inhibitor of kappaB kinase epsilon	3.14	3.21	0.00	2.43	2.41	0.00
A_51_P375201	NM_013807	12795	Plk3; polo-like kinase 3 (Drosophila)	3.57	4.04	0.00	1.46	2.41	0.05
A_51_P172573	NM_013671	20656	Sod2; superoxide dismutase 2, mitochondrial	3.74	3.47	0.00	2.50	2.40	0.00
A_51_P264073	NM_021878	16468	Jarid2; jumonji, AT rich interactive domain 2	1.58	1.87	0.44	2.56	2.39	0.00
A_51_P130104	NM_010187	14130	Fcgr2b; Fc receptor, IgG, low affinity IIb	4.04	7.97	0.00	1.62	2.35	0.00
A_51_P304500	NM_001025313	21356	Tapbp; TAP binding protein	2.97	2.55	0.00	2.95	2.35	0.00

A_51_P343833	NM_009421	22029	Traf1; Tnf receptor-associated factor 1	3.22	2.79	0.00	2.54	2.35	0.00
A_51_P297925	NM_153159	230738	BC036563; cDNA sequence BC036563	5.40	7.29	0.00	2.53	2.33	0.00
A_51_P230850	NM_018807	54711	Plagl2; pleiomorphic adenoma gene-like 2	2.21	3.90	0.00	2.56	2.32	0.00
A_51_P300630	NM_145950	209212	BC010311; cDNA sequence BC010311	1.73	2.65	0.24	2.21	2.31	0.00
A_51_P476579	2.81E+17	215449	Rap1b; RAS related protein 1b	3.41	3.90	0.00	2.57	2.31	0.00
A_51_P111492	NM_017373	18030	Nfil3; nuclear factor, interleukin 3, regulated	2.20	2.43	0.00	2.45	2.30	0.00
A_51_P315681	NM_183029	319765	C330012H03Rik; RIKEN cDNA C330012H03 gene	2.86	5.60	0.00	2.21	2.30	0.00
A_51_P379230	NM_001025577			2.95	3.38	0.00	2.62	2.30	0.00
A_51_P404565	NM_183027	252903	Ap1s3; adaptor-related protein complex AP-1, sigma 3	1.93	2.01	0.17	2.72	2.30	0.00
A_51_P181517	NM_144559	246256	Fcgr3a; Fc fragment of IgG, low affinity IIIa, receptor	3.59	5.46	0.00	2.84	2.29	0.00
A_51_P363258	NM_133731	70835	Prss22; protease, serine, 22	1.88	3.15	0.16	1.88	2.28	0.00
A_51_P418295	NM_009855	12519	Cd80; CD80 antigen	1.56	1.87	0.93	2.05	2.28	0.00
A_51_P451346	NAP032794-1	23849	Klf6; Kruppel-like factor 6	1.52	1.91	1.11	2.33	2.27	0.00
A_51_P154973	NM_021547	59045	Stard3; START domain containing 3	3.04	3.06	0.00	1.05	2.26	0.93
A_51_P192605	U05673	11541	Adora2b; adenosine A2b receptor	3.48	3.58	0.00	2.00	2.26	0.00
A_51_P361657	NM_009117	20208	Saa1; serum amyloid A 1	4.24	8.14	0.00	2.24	2.25	0.00
A_51_P302188	NM_026102	208846	Daam1; dishevelled associated activator of morphogenesis 1	1.59	1.87	0.44	2.55	2.24	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.57	3.72	0.00	2.75	2.23	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.34	3.53	0.00	2.75	2.23	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.70	3.42	0.00	2.75	2.23	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.15	3.31	0.00	2.75	2.23	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.41	3.18	0.00	2.75	2.23	0.00
A_51_P274667	XM_129972	227449	Zcchc2; zinc finger, CCHC domain containing 2	1.88	2.32	0.16	2.24	2.23	0.00

A_51_P519251	NM_019738	56312	Nupr1; nuclear protein 1	1.61	2.31	0.37	2.37	2.23	0.00
A_51_P400107	NM_011046	18550	Furin; furin (paired basic amino acid cleaving enzyme)	3.04	4.13	0.00	2.01	2.21	0.00
A_51_P146103	NM_008390	16362	Irf1; interferon regulatory factor 1	1.60	2.25	0.45	2.04	2.20	0.00
A_51_P333780	NM_016898	53599	Cd164; CD164 antigen	1.92	2.88	0.16	2.15	2.20	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.16	3.88	0.00	2.86	2.19	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.45	3.57	0.00	2.86	2.19	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.04	3.45	0.00	2.86	2.19	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.20	3.38	0.00	2.86	2.19	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1	3.01	3.25	0.00	2.86	2.19	0.00
A_51_P177819	NM_030743	81018	Zfp313; zinc finger protein 313	1.68	2.16	0.22	2.52	2.19	0.00
A_51_P193027	NM_011157	19073	Prg1; proteoglycan 1, secretory granule	2.75	3.70	0.00	2.63	2.19	0.00
A_51_P128876	NM_025378	66141	Ifitm3; interferon induced transmembrane protein 3	2.38	2.46	0.00	2.82	2.18	0.00
A_51_P282508	NM_007484	11853	Rhoc; ras homolog gene family, member C	1.68	1.91	0.22	2.27	2.16	0.00
A_51_P142861	NM_009807	12362	Casp1; caspase 1	1.62	2.05	0.38	2.23	2.15	0.00
A_51_P210395	NM_053108	93692	Glr1; glutaredoxin 1 (thioltransferase)	3.21	3.31	0.00	2.33	2.12	0.00
A_51_P300753	NM_011530	21355	Tap2; transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	1.80	1.80	0.13	2.43	2.12	0.00
A_51_P313803	NM_028287	72580	2700019D07Rik; RIKEN cDNA 2700019D07 gene	1.85	1.85	0.14	2.47	2.11	0.00
A_51_P413583	NM_183176	239410	A930017M01Rik; RIKEN cDNA A930017M01 gene	2.56	3.80	0.00	2.41	2.11	0.00
A_51_P305994	NM_053189	94225	Cgb; chorionic gonadotropin beta	2.14	2.42	0.00	2.35	2.10	0.00
A_51_P345366	NM_010724	16913	Psmb8; proteasome (prosome, macropain) subunit, beta type 8 (large multifunctional protease 7)	1.81	2.40	0.13	2.41	2.08	0.00
A_51_P468743	NM_025697	66674	6330409N04Rik; RIKEN cDNA 6330409N04 gene	1.95	2.05	0.17	2.10	2.08	0.00

A_51_P254903	NM_178682	217684	4933426M11Rik; RIKEN cDNA 4933426M11 gene	1.89	2.19	0.16	2.46	2.07	0.00
A_51_P332797	NM_011809	23872	Ets2; E26 avian leukemia oncogene 2, 3' domain	2.69	2.41	0.00	2.35	2.07	0.00
A_51_P154842	NM_145153	243262	Oas1f; 2'-5' oligoadenylate synthetase 1F	1.63	2.02	0.29	2.19	2.06	0.00
A_51_P189425	NM_172413	72065	Rap2c; RAP2C, member of RAS oncogene family	2.30	2.50	0.00	2.69	2.06	0.00
A_51_P281057	A_51_P281057			2.26	2.78	0.00	2.05	2.06	0.00
A_51_P119302	NM_020011	56632	Sphk2; sphingosine kinase 2	1.67	2.00	0.22	2.54	2.04	0.00
A_51_P279542	NM_007577	12273	C5r1; complement component 5, receptor 1	2.38	2.24	0.00	1.91	2.04	0.00
A_51_P325165	NM_145636	246779	Il27; interleukin 27	2.76	3.68	0.00	2.14	2.04	0.00
A_51_P349988	NM_010283	14594	Ggta1; glycoprotein galactosyltransferase alpha 1, 3	1.60	1.94	0.45	2.22	2.02	0.00
A_51_P433540	NM_001008233	231002	BC025458; cDNA sequence BC025458	2.51	4.12	0.00	1.03	2.01	1.01
A_51_P367434	NM_028876	73130	Tmed5; transmembrane emp24 protein transport domain containing 5	1.89	2.36	0.16	1.69	1.99	0.00
A_51_P186469	AK017789	70661	BC033915; cDNA sequence BC033915	2.55	2.37	0.00	1.96	1.98	0.00
A_51_P371923	NM_011519	20969	Sdc1; syndecan 1	1.97	2.43	0.18	2.45	1.98	0.00
A_51_P405167	NM_001025577	17132	Maf; avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog	3.06	3.82	0.00	2.22	1.98	0.00
A_51_P188614	NM_011853	23961	Oas1b; 2'-5' oligoadenylate synthetase 1B	2.63	2.58	0.00	1.93	1.97	0.00
A_51_P353183	NM_011034	18477	Prdx1; peroxiredoxin 1	2.22	2.73	0.00	2.00	1.97	0.00
A_51_P256566	NM_175164			2.56	2.63	0.00	1.77	1.95	0.00
A_51_P387122	NM_011854	23962	Oasl2; 2'-5' oligoadenylate synthetase-like 2	1.63	7.47	0.29	1.25	1.50	0.31
A_51_P172853	NM_009841	12475	Cd14; CD14 antigen	3.45	6.75	0.00	1.40	1.89	0.10
A_51_P398767	NM_010259	14468	Gbp1; guanylate nucleotide binding protein 1	3.79	5.92	0.00	1.84	1.71	0.00
A_51_P269709	NM_008462	16633	Klra2; killer cell lectin-like receptor, subfamily A, member 2	4.08	5.40	0.00	1.34	1.64	0.18
A_51_P434147	NM_033616	114564	Csprs; component of Sp100-rs	4.30	5.22	0.00	1.46	1.78	0.05

A_51_P263471	NM_020001	56620	Clec4n; C-type lectin domain family 4, member n	3.32	5.05	0.00	1.47	1.73	0.05
A_51_P278868	NM_010387	14999	H2-DMb1; histocompatibility 2, class II, locus Mb1	1.58	4.74	0.69	-1.26	0.65	0.40
A_51_P460570	NM_008170	14811	Grin2a; glutamate receptor, ionotropic, NMDA2A (epsilon 1)	1.60	4.72	0.45	-1.38	0.64	0.31
A_51_P263965	NM_010442	15368	Hmox1; heme oxygenase (decycling) 1	3.98	4.53	0.00	1.14	1.45	0.45
A_51_P432823	NM_001029848	18720	Pip5k1b; phosphatidylinositol-4-phosphate 5-kinase, type 1 beta	2.96	4.22	0.00	1.58	1.72	0.06
A_51_P245960	NM_009883	12608	Cebpb; CCAAT/enhancer binding protein (C/EBP), beta	2.93	3.85	0.00	1.64	1.90	0.00
A_51_P295192	NM_010907	18035	Nfkbia; nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, alpha	3.60	3.65	0.00	2.01	1.84	0.00
A_51_P264659	NM_144518	67254	2900011O08Rik; RIKEN cDNA 2900011O08 gene	2.71	3.64	0.00	1.95	1.92	0.00
A_51_P345393	NM_007987	14102	Fas; Fas (TNF receptor superfamily member)	2.51	3.63	0.00	1.59	1.70	0.06
A_51_P433467	NM_007965	14026	Evl; Ena-vasodilator stimulated phosphoprotein	2.64	3.57	0.00	1.44	1.71	0.05
A_51_P300867	NM_177395	338372	Map3k9; mitogen-activated protein kinase kinase kinase 9	2.75	3.16	0.00	-1.13	0.57	0.78
A_51_P165335	D10024	12306	Anxa2; annexin A2	1.93	3.16	0.17	1.23	1.80	0.30
A_51_P219074	NM_010496	15902	Id2; inhibitor of DNA binding 2	2.73	3.12	0.00	1.84	1.82	0.00
A_51_P225592	NM_001001491	326618	Tpm4; tropomyosin 4	1.97	3.12	0.18	1.44	1.77	0.05
A_51_P500814	NM_010708	16859	Lgals9; lectin, galactose binding, soluble 9	3.12	3.11	0.00	1.10	1.53	0.62
A_51_P328932	NM_011626	21982	Tparl; TPA regulated locus	2.30	2.98	0.00	1.05	1.52	0.93
A_51_P387235	NM_021524	59027	Pbef1; pre-B-cell colony-enhancing factor 1	2.17	2.98	0.00	1.40	1.73	0.14
A_51_P166722	NM_011138	18987	Pou2f2; POU domain, class 2, transcription factor 2	2.87	2.83	0.00	1.78	1.84	0.00
A_51_P408631	NM_015747	20515	Slc20a1; solute carrier family 20, member 1	2.27	2.82	0.00	1.70	1.88	0.00
A_51_P324690	NM_053109	93694	Clec2d; C-type lectin domain family 2, member d	1.95	2.81	0.17	2.04	1.78	0.00
A_51_P230509	BC006925			2.53	2.68	0.00	2.24	1.92	0.00

A_51_P405278	NM_033563	93691	Klf7; Kruppel-like factor 7 (ubiquitous)	2.89	2.68	0.00	1.35	1.53	0.18
A_51_P168203	NM_025446	66253	Aig1; androgen-induced 1	2.29	2.65	0.00	1.39	1.86	0.14
A_51_P383032	NM_010819	17474	Clec4d; C-type lectin domain family 4, member d	2.24	2.64	0.00	1.29	1.67	0.25
A_51_P407053	NM_009851	12505	Cd44; CD44 antigen	2.23	2.63	0.00	2.17	1.92	0.00
A_51_P493234	NM_007752	12870	Cp; ceruloplasmin	1.85	2.61	0.14	1.42	1.51	0.05
A_51_P183995	NM_019458	54624	5730511K23Rik; RIKEN cDNA 5730511K23 gene	2.44	2.60	0.00	1.05	1.48	0.84
A_51_P280125	NM_176860	72828	2810457I06Rik; RIKEN cDNA 2810457I06 gene	2.04	2.60	0.00	1.58	1.94	0.06
A_51_P118070	A_51_P118070	67048	2610030H06Rik; RIKEN cDNA 2610030H06 gene	2.49	2.59	0.00	1.10	1.92	0.62
A_51_P462047	NM_172697	230596	2410002M20Rik; RIKEN cDNA 2410002M20 gene	1.78	2.58	0.13	1.13	1.68	0.47
A_51_P244655	NM_172684	229675	Rsb1; rosb1, round spermatid basic protein 1	2.25	2.55	0.00	1.27	1.48	0.28
A_51_P471440	NM_009157	26398	Map2k4; mitogen activated protein kinase kinase 4	2.37	2.54	0.00	1.99	1.87	0.00
A_51_P493356	NM_144958	13681	Eif4a1; eukaryotic translation initiation factor 4A1	1.75	2.53	0.24	1.25	1.47	0.31
A_51_P437697	NM_011826	23897	Hs1bp1; HS1 binding protein	1.59	2.52	0.45	1.16	1.74	0.43
A_51_P333253	NM_178440	246177	Myo1g; myosin IG	2.10	2.49	0.00	1.33	1.90	0.18
A_51_P257058	NM_029634	76500	1500005N04Rik; RIKEN cDNA 1500005N04 gene	1.68	2.48	0.22	1.05	1.70	0.84
A_51_P159201	NM_008416	16477	Junb; Jun-B oncogene	2.72	2.47	0.00	2.05	1.78	0.00
A_51_P508859	NM_183188	268859	MGI:1926224; ataxin 2 binding protein 1	2.17	2.46	0.00	1.29	1.76	0.25
A_51_P490867	AK173048	224794	Enpp4; ectonucleotide pyrophosphatase/phosphodiesterase 4	2.14	2.44	0.00	1.04	1.37	0.93
A_51_P163867	NM_146081	70351	Ppp4r1; protein phosphatase 4, regulatory subunit 1	2.00	2.43	0.18	1.99	1.79	0.00
A_51_P149126	NM_175512	241452	Dhrs9; dehydrogenase/reductase (SDR family) member 9	2.56	2.42	0.00	1.78	1.78	0.00
A_51_P361535	NM_011191	19188	Psme2; proteasome (prosome, macropain) 28 subunit, beta	2.06	2.42	0.00	2.16	1.90	0.00

A_51_P115575	NM_007746	26410	Map3k8; mitogen activated protein kinase kinase kinase 8	2.48	2.39	0.00	1.57	1.84	0.06
A_51_P252363	NM_133887	100226	Stx12; syntaxin 12	1.96	2.31	0.17	1.27	1.54	0.24
A_51_P249494	NM_016807	53378	Sdcbp; syndecan binding protein	1.52	2.30	1.11	1.27	1.53	0.24
A_51_P101506	NM_016868	53417	Hif3a; hypoxia inducible factor 3, alpha subunit	1.67	2.30	0.22	1.33	1.59	0.18
A_51_P184928	NM_028968			2.13	2.28	0.00	1.89	1.82	0.00
A_51_P320614	NM_015762	50493	Txnrd1; thioredoxin reductase 1	1.53	2.22	1.11	1.96	1.66	0.00
A_51_P101777	NM_026101	67345	Herc4; hect domain and RLD 4	1.52	2.20	1.11	1.25	1.51	0.28
A_51_P288961	NM_025907	67011	1600013P15Rik; RIKEN cDNA 1600013P15 gene	2.02	2.18	0.00	1.79	1.69	0.00
A_51_P257134	NM_019655	56417	Adar; adenosine deaminase, RNA-specific	1.85	2.16	0.14	1.37	1.63	0.14
A_51_P408116	AK081783	215257	Il1f9; interleukin 1 family, member 9	1.94	2.15	0.17	1.48	1.69	0.05
A_51_P149349	BC022652			1.86	2.15	0.15	1.47	1.62	0.05
A_51_P164667	NM_008211	15081	H3f3b; H3 histone, family 3B	1.57	2.15	0.69	1.15	1.54	0.45
A_51_P361788	NM_013933	30960	Vapa; vesicle-associated membrane protein, associated protein A	1.58	2.14	0.69	1.06	1.38	0.84
A_51_P415766	NM_031181	83382	Siglecl1; SIGLEC-like 1	1.62	2.14	0.38	1.37	1.81	0.14
A_51_P174961	NM_007972	14058	F10; coagulation factor X	1.91	2.14	0.16	2.14	1.89	0.00
A_51_P455647	NM_009801	12349	Car2; carbonic anhydrase 2	1.57	2.13	0.69	1.44	1.74	0.05
A_51_P318410	AK029097	226551	AI848100; expressed sequence AI848100	1.68	2.11	0.22	1.43	1.75	0.05
A_51_P405606	NM_010884	17988	Ndr1; N-myc downstream regulated gene 1	1.98	2.10	0.18	1.56	1.55	0.06
A_51_P160907	XM_489605	338467	Zcwc3; zinc finger, CW-type with coiled-coil domain 3	1.70	2.10	0.22	1.20	1.42	0.36
A_51_P385849	NM_177307	320997	4732474A20Rik; RIKEN cDNA 4732474A20 gene	1.60	2.09	0.45	1.16	1.45	0.43
A_51_P245875	NM_175155	70097	Sash1; SAM and SH3 domain containing 1	2.04	2.08	0.00	1.81	1.68	0.00
A_51_P186161	XM_129803	67702	Rnf149; ring finger protein 149	1.70	2.07	0.23	1.64	1.68	0.00
A_51_P106047	NM_011609	21937	Tnfrsf1a; tumor necrosis factor receptor superfamily, member 1a	1.77	2.03	0.12	1.88	1.89	0.00
A_51_P305352	AB093272	104015	Synj1; synaptojanin 1	1.71	2.03	0.23	1.60	1.52	0.06
A_51_P374651	AK047427	217578	BC065123; cDNA sequence BC065123	1.95	2.02	0.17	1.91	1.90	0.00
A_51_P186538	NM_025289	21376	Tbr1; transforming growth factor beta regulated gene 1	1.84	2.02	0.14	1.02	1.42	1.01

A_51_P182201	NM_028981	12289	Cacna1d; calcium channel, voltage-dependent, L type, alpha 1D subunit	2.17	2.02	0.00	-1.70	0.55	0.05
A_51_P253527	NM_026097	67338	1700051E09Rik; RIKEN cDNA 1700051E09 gene	1.93	2.00	0.17	1.32	1.58	0.22
A_51_P364600	NM_011815	23880	Fyb; FYN binding protein	1.56	2.00	0.93	1.65	1.66	0.00
A_51_P414110	NM_011210	19264	Ptpcr; protein tyrosine phosphatase, receptor type, C	1.56	1.99	0.93	1.49	1.60	0.05
A_51_P372504	NM_172833	240354	Malt1; mucosa associated lymphoid tissue lymphoma translocation gene 1	1.52	1.97	1.11	1.13	1.49	0.47
A_51_P501632	NM_009705	11847	Arg2; arginase type II	1.55	1.96	0.93	1.80	1.87	0.00
A_51_P201226	NM_008494	16848	Lfng; lunatic fringe gene homolog (Drosophila)	-1.99	0.51	1.11	-1.45	0.63	0.21
A_51_P307644	NM_025652	66596	Gtf3a; general transcription factor III A	-2.07	0.51	0.45	-2.22	0.55	0.00
A_51_P147562	NM_025343	66084	0610042C05Rik; RIKEN cDNA 0610042C05 gene	-2.11	0.50	0.38	-1.71	0.56	0.05
A_51_P517488	NM_009911	12767	Cxcr4; chemokine (C-X-C motif) receptor 4	-2.01	0.50	1.11	-1.11	0.64	0.84
A_51_P294891	NM_133249	170826	Ppargc1b; peroxisome proliferative activated receptor, gamma, coactivator 1 beta	-2.02	0.49	0.91	-1.92	0.56	0.00
A_51_P218075	XM_128275	223770	Brd1; bromodomain containing 1	-1.99	0.48	1.11	-1.49	0.65	0.18
A_51_P319070	NM_026159	67442	0610039N19Rik; RIKEN cDNA 0610039N19 gene	-1.98	0.48	1.11	-1.70	0.58	0.05
A_51_P512072	NM_008525	17025	Alad; aminolevulinate, delta-, dehydratase	-2.24	0.48	0.29	-1.49	0.64	0.18
A_51_P404953	NM_001003953	30841	Fbxl10; F-box and leucine-rich repeat protein 10	-2.22	0.48	0.29	-1.38	0.67	0.31
A_51_P328150	NM_028964	74478	4933437K13Rik; RIKEN cDNA 4933437K13 gene	-2.10	0.47	0.38	-2.04	0.55	0.00
A_51_P169560	XM_126361	70591	5730455P16Rik; RIKEN cDNA 5730455P16 gene	-2.06	0.47	0.44	-1.41	0.63	0.28
A_51_P199020	BC031204			-2.05	0.47	0.69	-1.68	0.56	0.05
A_51_P498640	NM_172134	216134	Pdxk; pyridoxal (pyridoxine, vitamin B6) kinase	-2.14	0.46	0.29	-1.62	0.61	0.05
A_51_P354500	NM_025828	66890	Lman2; lectin, mannose-binding 2	-2.15	0.46	0.29	-1.70	0.55	0.05
A_51_P310135	NM_011544	21406	Tcf12; transcription factor 12	-2.08	0.46	0.37	-1.99	0.58	0.00

A_51_P476509	NM_175537	245007	Zbtb38; zinc finger and BTB domain containing 38	-2.09	0.46	0.37	-1.89	0.56	0.00
A_51_P296796	XM_354801	70021	2510015F01Rik; RIKEN cDNA 2510015F01 gene	-2.23	0.46	0.29	-1.35	0.68	0.30
A_51_P419768	NM_009061	19735	Rgs2; regulator of G-protein signaling 2	-2.18	0.45	0.29	-1.98	0.53	0.00
A_51_P112821	NM_024264	104086	Cyp27a1; cytochrome P450, family 27, subfamily a, polypeptide 1	-2.11	0.45	0.29	-1.71	0.57	0.05
A_51_P204913	NM_145392	213539	Bag2; Bcl2-associated athanogene 2	-2.34	0.45	0.23	-2.09	0.54	0.00
A_51_P163084	NM_011273	19775	Xpr1; xenotropic and polytropic retrovirus receptor 1	-2.21	0.44	0.29	-1.74	0.60	0.06
A_51_P243333	NM_010347	14797	Aes; amino-terminal enhancer of split	-2.16	0.44	0.29	-1.16	0.69	0.62
A_51_P421846	NM_016772	51798	Ech1; enoyl coenzyme A hydratase 1, peroxisomal	-2.19	0.44	0.29	-1.23	0.67	0.45
A_51_P503866	NM_138677	192193	Edem1; ER degradation enhancer, mannosidase alpha-like 1	-2.14	0.44	0.29	-1.94	0.53	0.00
A_51_P140665	NM_009057	19729	Rga; recombination activating gene 1 gene activation	-2.11	0.44	0.29	-1.10	0.70	0.84
A_51_P491742	NM_010931	18140	Uhrf1; ubiquitin-like, containing PHD and RING finger domains, 1	-2.04	0.44	0.93	-2.06	0.55	0.00
A_51_P275679	NM_018750	54354	Rassf5; Ras association (RalGDS/AF-6) domain family 5	-2.01	0.44	0.91	-1.89	0.56	0.00
A_51_P155303	NM_199197	68731	1110032A13Rik; RIKEN cDNA 1110032A13 gene	-2.12	0.43	0.29	-2.08	0.52	0.00
A_51_P515908	NM_175451	216197	Ckap4; cytoskeleton-associated protein 4	-2.22	0.43	0.29	-2.05	0.55	0.00
A_51_P469522	NM_011828	23908	Hs2st1; heparan sulfate 2-O-sulfotransferase 1	-2.01	0.43	0.91	-1.99	0.54	0.00
A_51_P410900	AK083041	171167	Fut10; fucosyltransferase 10	-2.12	0.42	0.29	-1.06	0.68	1.01
A_51_P309220	NM_011274	19777	C80913; expressed sequence C80913	-2.60	0.42	0.14	-1.45	0.64	0.21
A_51_P107433	NM_053162	94065	Mrpl34; mitochondrial ribosomal protein L34	-2.72	0.42	0.14	-1.64	0.62	0.05
A_51_P319879	NM_007382	11364	Acadm; acetyl-Coenzyme A dehydrogenase, medium chain	-2.54	0.42	0.14	-1.67	0.60	0.05
A_51_P221972	BC051078	70511	5730409G15Rik; RIKEN cDNA 5730409G15 gene	-2.56	0.42	0.14	-1.32	0.62	0.33

A_51_P101621	NM_025702	66683	3526402H21Rik; RIKEN cDNA 3526402H21 gene	-2.50	0.42	0.13	-1.74	0.60	0.06
A_51_P518747	NM_008845	18718	Pip5k2a; phosphatidylinositol-4-phosphate 5-kinase, type II, alpha	-2.09	0.41	0.37	-2.07	0.56	0.00
A_51_P255271	NM_019821	56356	MGI:1929253; glycolipid transfer protein	-2.42	0.41	0.13	-1.51	0.65	0.18
A_51_P440487	NM_015791	50753	Fbxo8; F-box only protein 8	-2.16	0.41	0.29	-1.85	0.57	0.06
A_51_P269546	NM_031254			-2.10	0.41	0.38	-1.72	0.58	0.06
A_51_P296129	NM_009154	20356	Sema5a; sema domain, seven thrombospondin repeats (type 1 and type 1- like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A	-2.06	0.41	0.44	-1.48	0.63	0.22
A_51_P135092	NM_134471	73804	Kif2c; kinesin family member 2C	-1.99	0.40	1.11	1.73	1.82	0.00
A_51_P136014	S79780			-2.50	0.40	0.13	-2.13	0.53	0.00
A_51_P486738	NM_010247	14375	G22p1; thyroid autoantigen	-2.35	0.40	0.23	-1.58	0.60	0.10
A_51_P458748	NM_013552	15366	Hmmr; hyaluronan mediated motility receptor (RHAMM)	-2.14	0.40	0.29	-1.66	0.61	0.05
A_51_P485740	NM_026086	67311	Hdhd4; haloacid dehalogenase-like hydrolase domain containing 4	-2.57	0.40	0.14	-1.93	0.55	0.00
A_51_P248387	NM_172832	240334	C630049M13; hypothetical protein C630049M13	-2.33	0.39	0.23	-1.22	0.69	0.45
A_51_P405776	NM_175658			-2.41	0.39	0.12	-1.42	0.59	0.24
A_51_P299309	NM_024465	76192	6330583M11Rik; RIKEN cDNA 6330583M11 gene	-2.05	0.39	0.69	-1.89	0.59	0.00
A_51_P330589	NM_145509	226421	5430435G22Rik; RIKEN cDNA 5430435G22 gene	-2.14	0.39	0.29	-2.16	0.53	0.00
A_51_P175891	NM_023680	79202	Tnfrsf22; tumor necrosis factor receptor superfamily, member 22	-2.82	0.39	0.16	-1.23	0.66	0.45
A_51_P262759	NM_007631	12443	Ccnd1; cyclin D1	-2.65	0.38	0.14	-2.01	0.57	0.00
A_51_P398967	NM_010517	16010	Igfbp4; insulin-like growth factor binding protein 4	-2.76	0.38	0.14	-2.05	0.52	0.00
A_51_P421244	NM_026662	110639	Prps2; phosphoribosyl pyrophosphate synthetase 2	-2.15	0.37	0.29	-1.66	0.57	0.05
A_51_P110189	NM_053273	117160	Ttyh2; tweety homolog 2 (Drosophila)	-2.35	0.37	0.23	-1.28	0.64	0.38
A_51_P297071	NM_021883	21916	Tmod1; tropomodulin 1	-2.73	0.36	0.14	-1.53	0.64	0.18

A_51_P431531	NM_001013368	108961	4432406C08Rik; RIKEN cDNA 4432406C08 gene	-2.67	0.36	0.14	-1.95	0.52	0.00
A_51_P427674	NM_013495	12894	Cpt1a; carnitine palmitoyltransferase 1a, liver	-2.15	0.36	0.29	-1.22	0.68	0.45
A_51_P465492	AK048908	232539	Klhdc5; kelch domain containing 5	-3.26	0.36	0.00	-1.97	0.54	0.00
A_51_P156108	NM_018827	12931	Crlf1; cytokine receptor-like factor 1	-2.36	0.36	0.23	-1.24	0.68	0.43
A_51_P106259	NM_133926	52163	Camk1; calcium/calmodulin-dependent protein kinase I	-2.51	0.35	0.14	-1.50	0.60	0.18
A_51_P394833	BC058264	110796	Sdccag33; serologically defined colon cancer antigen 33	-2.63	0.35	0.14	-1.68	0.60	0.05
A_51_P260954	NM_175696	319352	C530028O21Rik; RIKEN cDNA C530028O21 gene	-2.50	0.35	0.13	-1.92	0.58	0.00
A_51_P490305	NM_023065	65972	Ifi30; interferon gamma inducible protein 30	-2.45	0.34	0.13	-1.07	0.65	0.93
A_51_P385450	NM_198607	223626	4930572J05Rik; RIKEN cDNA 4930572J05 gene	-2.82	0.34	0.16	-1.77	0.54	0.06
A_51_P217616	NM_016803	53374	Chst3; carbohydrate (chondroitin 6/keratan) sulfotransferase 3	-2.02	0.34	0.91	-1.76	0.54	0.06
A_51_P427674	NM_013495	12894	Cpt1a; carnitine palmitoyltransferase 1a, liver	-2.44	0.33	0.13	-1.08	0.74	0.93
A_51_P427674	NM_013495	12894	Cpt1a; carnitine palmitoyltransferase 1a, liver	-2.45	0.32	0.13	-1.22	0.68	0.45
A_51_P289423	NAP057047-1			-2.70	0.31	0.14	-2.15	0.55	0.00
A_51_P427674	NM_013495	12894	Cpt1a; carnitine palmitoyltransferase 1a, liver	-2.71	0.31	0.14	-1.08	0.74	0.93
A_51_P427674	NM_013495	12894	Cpt1a; carnitine palmitoyltransferase 1a, liver	-2.64	0.30	0.14	-1.22	0.68	0.45
A_51_P427674	NM_013495	12894	Cpt1a; carnitine palmitoyltransferase 1a, liver	-2.34	0.30	0.23	-1.08	0.74	0.93
A_51_P184261	NM_133832	98711	Rdh10; retinol dehydrogenase 10 (all-trans)	-2.93	0.30	0.18	-1.50	0.58	0.18
A_51_P332303	NM_007901	13609	Edg1; endothelial differentiation sphingolipid G-protein-coupled receptor 1	-3.39	0.29	0.00	-1.54	0.63	0.14
A_51_P427674	NM_013495	12894	Cpt1a; carnitine palmitoyltransferase 1a, liver	-2.54	0.29	0.14	-1.22	0.68	0.45
A_51_P133936	NM_013598	17311	Kitl; kit ligand	-3.45	0.25	0.00	-1.78	0.53	0.06

A_51_P134468	NM_033075	110956	D17H6S56E-5; DNA segment, Chr 17, human D6S56E 5	-3.64	0.24	0.00	-1.46	0.64	0.21
A_51_P117865	NM_030565	80752	BC004044; cDNA sequence BC004044	-2.28	0.39	0.22	-2.13	0.51	0.00
A_51_P149291	NM_146211	234407	Glt25d1; glycosyltransferase 25 domain containing 1	-2.17	0.43	0.29	-2.27	0.51	0.00
A_51_P256957	NM_146033	217473	Ankmy2; ankyrin repeat and MYND domain containing 2	-2.13	0.41	0.29	-2.12	0.51	0.00
A_51_P441469	NM_021310	57748	MGI:1913096; junction-mediating and regulatory protein	-3.03	0.30	0.00	-2.32	0.51	0.00
A_51_P459661	NM_021460	16889	Lip1; lysosomal acid lipase 1	-2.71	0.35	0.14	-2.15	0.51	0.00
A_51_P141970	NM_023431	68114	Mum1; melanoma associated antigen (mutated) 1	-2.02	0.45	0.92	-2.15	0.50	0.00
A_51_P341918	NM_009366	21807	Tgfb1i4; transforming growth factor beta 1 induced transcript 4	-3.34	0.25	0.00	-2.19	0.50	0.00
A_51_P424221	XM_284454	270110	Irf2bp2; interferon regulatory factor 2 binding protein 2	-2.56	0.29	0.14	-2.19	0.50	0.00
A_51_P218372	NM_011584	353187	Nr1d2; nuclear receptor subfamily 1, group D, member 2	-2.33	0.40	0.23	-2.04	0.49	0.00
A_51_P227564	NM_027411	70385	2600001J17Rik; RIKEN cDNA 2600001J17 gene	-2.34	0.37	0.23	-2.19	0.49	0.00
A_51_P155094	NM_026412	51944	D2Ert750e; DNA segment, Chr 2, ERATO Doi 750, expressed	-2.56	0.41	0.14	-2.73	0.48	0.00
A_51_P242733	NM_009357	21766	Tex261; testis expressed gene 261	-2.30	0.48	0.22	-1.89	0.48	0.00
A_51_P365019	NM_010295	14629	Gclc; glutamate-cysteine ligase, catalytic subunit	-2.63	0.39	0.14	-2.67	0.48	0.00
A_51_P433026	BC052412	381218	4430402I18Rik; RIKEN cDNA 4430402I18 gene	-2.81	0.40	0.16	-2.12	0.48	0.00
A_51_P135186	NM_028777	74136	Sec14l1; SEC14-like 1 (S. cerevisiae)	-2.41	0.42	0.12	-2.02	0.47	0.00
A_51_P204031	NM_024124			-2.16	0.40	0.29	-2.61	0.47	0.00
A_51_P292745	NM_007654	12517	Cd72; CD72 antigen	-2.54	0.29	0.14	-2.52	0.47	0.00
A_51_P358112	NM_146094	76267	Fads1; fatty acid desaturase 1	-2.02	0.43	0.91	-2.36	0.47	0.00
A_51_P437737	NM_020046	56749	Dhodh; dihydroorotate dehydrogenase	-2.73	0.36	0.14	-2.34	0.47	0.00
A_51_P464021	NM_021528	59031	Chst12; carbohydrate sulfotransferase 12	-3.72	0.25	0.00	-2.38	0.47	0.00
A_51_P501656	NM_212445	68304	Kdelc2; KDEL (Lys-Asp-Glu-Leu) containing 2	-2.07	0.35	0.44	-2.48	0.47	0.00

A_51_P155152	NM_020332	11732	Ank; progressive ankylosis	-2.00	0.43	1.11	-2.31	0.46	0.00
A_51_P269687	NM_011133	18974	Pole2; polymerase (DNA directed), epsilon 2 (p59 subunit)	-2.00	0.44	1.11	-2.57	0.46	0.00
A_51_P339898	NM_027435	70472	Atad2; ATPase family, AAA domain containing 2	-2.92	0.37	0.18	-2.52	0.46	0.00
A_51_P350853	NM_009987	13051	Cx3cr1; chemokine (C-X3-C) receptor 1	-2.17	0.41	0.29	-2.29	0.45	0.00
A_51_P398596	NM_144812	213988	Tnrc6b; trinucleotide repeat containing 6b	-2.78	0.33	0.14	-2.43	0.45	0.00
A_51_P479408	NM_008317	15586	Hyal1; hyaluronidase 1	-2.46	0.35	0.13	-2.62	0.45	0.00
A_51_P499551	NM_133983	102657	Cd276; CD276 antigen	-2.18	0.37	0.29	-2.77	0.45	0.00
A_51_P140331	NM_152808	68682	1110028E10Rik; RIKEN cDNA 1110028E10 gene	-2.16	0.50	0.29	-2.94	0.44	0.00
A_51_P237383	NM_021472	58809	Rnase4; ribonuclease, RNase A family 4	-2.68	0.24	0.14	-2.88	0.44	0.00
A_51_P283292	NM_029813	76958	2210418O10Rik; RIKEN cDNA 2210418O10 gene	-2.08	0.31	0.37	-2.46	0.44	0.00
A_51_P135802	NM_025282	17260	Mef2c; myocyte enhancer factor 2C	-2.16	0.35	0.29	-3.01	0.43	0.00
A_51_P138185	NM_134083	105670	Chc1l; chromosome condensation 1-like	-3.68	0.24	0.00	-2.91	0.43	0.00
A_51_P148865	NM_010753	17122	Mxd4; Max dimerization protein 4	-2.53	0.39	0.14	-2.93	0.43	0.00
A_51_P329332	NM_054087	116914	Slc19a2; solute carrier family 19 (thiamine transporter), member 2	-2.30	0.43	0.22	-2.58	0.43	0.00
A_51_P223092	NM_028106	72114	Zbed3; zinc finger, BED domain containing 3	-2.64	0.35	0.14	-2.95	0.42	0.00
A_51_P370600	NM_008026	14247	Fli1; Friend leukemia integration 1	-3.15	0.31	0.00	-2.40	0.42	0.00
A_51_P381373	AK033138	107568	Wwp1; WW domain containing E3 ubiquitin protein ligase 1	-2.25	0.42	0.29	-2.68	0.42	0.00
A_51_P487788	AK080276	11555	Adrb2; adrenergic receptor, beta 2	-2.23	0.36	0.29	-2.87	0.40	0.00
A_51_P305311	NM_008873	18792	Plau; plasminogen activator, urokinase	-4.89	0.14	0.00	-3.30	0.39	0.00
A_51_P324287	NM_024245	71819	Kif23; kinesin family member 23	-2.72	0.31	0.14	-2.94	0.39	0.00
A_51_P443569	NM_023431	68114	Mum1; melanoma associated antigen (mutated) 1	-2.46	0.44	0.13	-3.51	0.39	0.00
A_51_P101573	NM_029091	74764	1200014P03Rik; RIKEN cDNA 1200014P03 gene	-2.00	0.40	1.11	-2.58	0.38	0.00
A_51_P129826	NM_009830	12448	Ccne2; cyclin E2	-3.30	0.33	0.00	-3.03	0.38	0.00
A_51_P140460	NM_029394	69226	Snx24; sorting nexin 24	-2.56	0.37	0.14	-3.04	0.38	0.00
A_51_P223143	AF100425	27360	Add3; adducin 3 (gamma)	-3.21	0.31	0.00	-3.21	0.38	0.00
A_51_P365885	NM_007779	12978	Csf1r; colony stimulating factor 1 receptor	-2.53	0.28	0.14	-2.85	0.38	0.00

A_51_P457107	NM_011250	19651	Rbl2; retinoblastoma-like 2	-3.38	0.15	0.00	-2.87	0.38	0.00
A_51_P167048	NM_015818	50785	Hs6st1; heparan sulfate 6-O-sulfotransferase 1	-3.23	0.33	0.00	-3.31	0.37	0.00
A_51_P294765	NM_026321	67698	2310044D20Rik; RIKEN cDNA 2310044D20 gene	-2.45	0.37	0.13	-2.85	0.37	0.00
A_51_P324546	NM_175511	241303	A130092J06Rik; RIKEN cDNA A130092J06 gene	-2.53	0.40	0.14	-3.35	0.36	0.00
A_51_P326994	NM_133746	72691	2810048G17Rik; RIKEN cDNA 2810048G17 gene	-2.53	0.38	0.14	-3.06	0.36	0.00
A_51_P455897	NM_144526	109212	6720460F02Rik; RIKEN cDNA 6720460F02 gene	-2.78	0.35	0.14	-3.33	0.36	0.00
A_51_P481920	NM_009828	12428	Ccna2; cyclin A2	-2.55	0.41	0.14	-3.40	0.36	0.00
A_51_P494481	NM_172468	209131	4732481H14Rik; RIKEN cDNA 4732481H14 gene	-2.32	0.44	0.22	-2.95	0.36	0.00
A_51_P220135	NM_016791	18018	Nfatc1; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	-2.40	0.39	0.12	-3.08	0.35	0.00
A_51_P283774	NM_028199	72324	Plxdc1; plexin domain containing 1	-3.63	0.20	0.00	-3.59	0.35	0.00
A_51_P444696	NM_175384	108912	Cdca2; cell division cycle associated 2	-2.09	0.40	0.37	-3.39	0.35	0.00
A_51_P312979	BC026601	233235	Nav2; neuron navigator 2	-2.25	0.42	0.29	-3.51	0.34	0.00
A_51_P383301	NM_009516	22390	Wee1; wee 1 homolog (S. pombe)	-3.69	0.29	0.00	-3.38	0.34	0.00
A_51_P201982	NM_007426	11601	Angpt2; angiopoietin 2	-2.45	0.34	0.13	-3.39	0.33	0.00
A_51_P222467	NM_009593	11307	Abcg1; ATP-binding cassette, sub-family G (WHITE), member 1	-4.60	0.15	0.00	-3.23	0.33	0.00
A_51_P266949	NM_027495	70652	5730537D05Rik; RIKEN cDNA 5730537D05 gene	-2.62	0.32	0.14	-2.79	0.33	0.00
A_51_P358683	NM_183031	321019	Ebi2; Epstein-Barr virus induced gene 2	-2.12	0.27	0.29	-3.96	0.30	0.00
A_51_P176522	NM_019574	56218	Zfp278; zinc finger protein 278	-3.40	0.29	0.00	-3.81	0.28	0.00
A_51_P266644	NM_001013370	140742	Sesn1; sestrin 1	-5.25	0.16	0.00	-4.44	0.28	0.00
A_51_P445562	NM_145142	98388	Chst10; carbohydrate sulfotransferase 10	-2.87	0.20	0.16	-4.36	0.28	0.00
A_51_P143190	NM_008535	17095	Lyl1; lymphoblastic leukemia	-2.06	0.37	0.44	-3.73	0.27	0.00
A_51_P224517	NM_172303	269424	Phf17; PHD finger protein 17	-3.97	0.17	0.00	-4.13	0.24	0.00
A_51_P178063	NM_009025	19414	Rasa3; RAS p21 protein activator 3	-3.20	0.25	0.00	-5.66	0.19	0.00
A_51_P156538	XM_486083	74901	4930465M17Rik; RIKEN cDNA 4930465M17 gene	-2.67	0.28	0.14	-7.27	0.09	0.00

A_51_P162794	NM_010370	14938	Gzma; granzyme A	2.41	36.97	0.00			
A_51_P107652	NM_023557	70129	2210409B01Rik; RIKEN cDNA 2210409B01 gene	2.30	24.35	0.00			
A_51_P190509	NM_145369	209232	Wfdc5; WAP four-disulfide core domain 5	2.49	16.14	0.00			
A_51_P378079	NM_008031	14265	Fmr1; fragile X mental retardation syndrome 1 homolog	1.64	5.85	0.29			
A_51_P461429	NM_007825	13123	Cyp7b1; cytochrome P450, family 7, subfamily b, polypeptide 1	2.58	5.71	0.00			
A_51_P225832	NM_028314	72658	2700097O09Rik; RIKEN cDNA 2700097O09 gene	1.63	5.38	0.29			
A_51_P352462	XM_148974	207792	BC034090; cDNA sequence BC034090	3.76	5.23	0.00			
A_51_P221814	NM_027216	69806	Slc39a11; solute carrier family 39 (metal ion transporter), member 11	3.34	5.01	0.00			
A_51_P178815	NM_138311	171506	H1foo; H1 histone family, member O, oocyte-specific	2.45	4.99	0.00			
A_51_P439803	NM_013798	11465	Actg1; actin, gamma, cytoplasmic 1	4.11	4.94	0.00			
A_51_P447248	NM_175105	66333	Aqp11; aquaporin 11	1.60	4.84	0.45			
A_51_P386214	NM_015783	53606	G1p2; interferon, alpha-inducible protein	4.04	4.82	0.00			
A_51_P514623	NM_025422	66205	Cd302; CD302 antigen	3.36	4.73	0.00			
A_51_P451974	NM_010416			1.59	4.71	0.45			
A_51_P173563	NM_146036	217737	Ahsa1; AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast)	2.48	4.70	0.00			
A_51_P209782	NM_001001446	226143	Cyp2c44; cytochrome P450, family 2, subfamily c, polypeptide 44	1.60	4.69	0.45			
A_51_P358765	NM_009263	20750	Spp1; secreted phosphoprotein 1	3.85	4.68	0.00			
A_51_P200262	NM_010278	14581	Gfi1; growth factor independent 1	1.56	4.64	0.93			
A_51_P193808	NM_178241	227288	Il8ra; interleukin 8 receptor, alpha	1.59	4.62	0.45			
A_51_P197596	NM_146102	226250	AU041783; expressed sequence AU041783	1.60	4.62	0.45			
A_51_P368151	BC016616	76022	5830417110Rik; RIKEN cDNA 5830417110 gene	1.59	4.59	0.45			
A_51_P255126	AK016928	74464	Zswim5; zinc finger, SWIM domain containing 5	1.58	4.57	0.44			
A_51_P265057	NAP057048-1			1.58	4.55	0.69			

A_51_P101975	NM_010205	14179	Fgf8; fibroblast growth factor 8	2.33	4.54	0.00			
A_51_P392837	BC063103	231162	Cyt1; cytokine like 1	1.56	4.53	0.93			
A_51_P125346	NM_026822	68720	Spr15; small proline rich-like 5	1.58	4.51	0.69			
A_51_P255304	NM_007617	12391	Cav3; caveolin 3	1.57	4.47	0.93			
A_51_P238933	NM_010948	18221	Nudc; nuclear distribution gene C homolog (Aspergillus)	2.23	4.43	0.00			
A_51_P153805	BC026852	74133	1200011M11Rik; RIKEN cDNA 1200011M11 gene	2.33	4.32	0.00			
A_51_P227392	NM_133955	69581	Rhou; ras homolog gene family, member U	1.57	4.28	0.93			
A_51_P429032	NM_146119	227737	9130404D14Rik; RIKEN cDNA 9130404D14 gene	2.46	4.26	0.00			
A_51_P151579	NM_001001999	14724	Gp1bb; glycoprotein Ib, beta polypeptide	2.93	4.25	0.00			
A_51_P177897	NM_011665	22196	Ube2i; ubiquitin-conjugating enzyme E2I	2.03	4.16	0.00			
A_51_P448987	NM_021714	60321	Wbp11; WW domain binding protein 11	1.95	4.08	0.17			
A_51_P406077	NM_025363	66117	1110001J03Rik; RIKEN cDNA 1110001J03 gene	2.91	4.02	0.00			
A_51_P306839	NM_025465	66282	1810029B16Rik; RIKEN cDNA 1810029B16 gene	3.56	3.94	0.00			
A_51_P305262	XM_485782	384422	Igk-V8; immunoglobulin kappa chain variable 8 (V8)	3.43	3.89	0.00			
A_51_P478326	NM_026270	67605	Akt1s1; AKT1 substrate 1 (proline-rich)	2.60	3.83	0.00			
A_51_P258150	NM_007408	11520	Adfp; adipose differentiation related protein	2.82	3.66	0.00			
A_51_P427926	NM_008542	17130	Smad6; MAD homolog 6 (Drosophila)	2.83	3.64	0.00			
A_51_P451574	NM_012006	26897	Cte1; cytosolic acyl-CoA thioesterase 1	2.14	3.61	0.00			
A_51_P291361	NM_001013365	18413	Osm; oncostatin M	3.45	3.54	0.00			
A_51_P148032	NM_177364	268396	G431001E03Rik; RIKEN cDNA G431001E03 gene	1.98	3.51	0.18			
A_51_P173086	NM_145139	223691	Eif3s6ip; eukaryotic translation initiation factor 3, subunit 6 interacting protein	1.72	3.37	0.23			
A_51_P150841	AK005972	98910	Usp6nl; USP6 N-terminal like	2.13	3.31	0.00			
A_51_P151828	BC038478	192176	Flna; filamin, alpha	2.88	3.25	0.00			

A_51_P362429	NM_013607	17880	Myh11; myosin, heavy polypeptide 11, smooth muscle	2.46	3.25	0.00			
A_51_P134816	NM_026929	69065	1810008K03Rik; RIKEN cDNA 1810008K03 gene	2.83	3.23	0.00			
A_51_P343787	NM_024431	210126	Lpp; LIM domain containing preferred translocation partner in lipoma	1.53	3.21	1.11			
A_51_P103396	NM_016879	53622	Krt2-18; keratin complex 2, basic, gene 18	2.39	3.19	0.00			
A_51_P253151	NM_011407	20555	Slfn1; schlafen 1	2.69	3.19	0.00			
A_51_P241853	NM_016921	27060	Tcirg1; T-cell, immune regulator 1	2.19	3.14	0.00			
A_51_P313096	NM_015820	50787	Hs6st3; heparan sulfate 6-O-sulfotransferase 3	2.87	3.13	0.00			
A_51_P341949	NM_007749	12867	Cox7c; cytochrome c oxidase, subunit VIIc	1.74	3.11	0.24			
A_51_P402760	NM_008869	18783	Pla2g4a; phospholipase A2, group IVA (cytosolic, calcium-dependent)	2.38	3.06	0.00			
A_51_P505803	NM_144891	228858	Gdap11l; ganglioside-induced differentiation-associated protein 1-like 1	2.20	3.04	0.00			
A_51_P195066	NM_013658	20351	Sema4a; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	2.93	3.02	0.00			
A_51_P336471	NM_013842	22433	Xbp1; X-box binding protein 1	1.91	3.02	0.16			
A_51_P155522	NM_008945	19172	Psm4; proteasome (prosome, macropain) subunit, beta type 4	1.76	3.01	0.12			
A_51_P514958	NM_178892	99929	Tiparp; TCDD-inducible poly(ADP-ribose) polymerase	2.01	2.99	0.00			
A_51_P267239	NM_019980	56722	Litaf; LPS-induced TN factor	1.85	2.96	0.15			
A_51_P187018	NM_025564	66441	2010012C16Rik; RIKEN cDNA 2010012C16 gene	2.55	2.96	0.00			
A_51_P196895	NM_028018	71955	2400003C14Rik; RIKEN cDNA 2400003C14 gene	2.13	2.95	0.00			
A_51_P144783	NM_007637	12465	Cct5; chaperonin subunit 5 (epsilon)	1.61	2.95	0.38			
A_51_P457734	NM_010332	13617	Ednra; endothelin receptor type A	2.84	2.90	0.00			
A_51_P127545	NM_011300	20115	Rps7; ribosomal protein S7	1.56	2.90	0.93			
A_51_P515349	AK049359	74451	4933424M23Rik; RIKEN cDNA 4933424M23 gene	2.23	2.89	0.00			

A_51_P305061	AK002842	26943	Tde1; tumor differentially expressed 1	2.03	2.89	0.00			
A_51_P265405	NM_053194	101489	AI114950; expressed sequence AI114950	1.71	2.88	0.23			
A_51_P453475	NM_009201	20514	Slc1a5; solute carrier family 1 (neutral amino acid transporter), member 5	1.62	2.87	0.38			
A_51_P173311	NAP057128-1			2.30	2.83	0.00			
A_51_P106873	NM_013901	30791	Slc39a1; solute carrier family 39 (zinc transporter), member 1	2.09	2.82	0.00			
A_51_P488739	NM_030701	80885	Gpr109b; G protein-coupled receptor 109B	2.88	2.80	0.00			
A_51_P490795	AK031169	17119	Mad; Max dimerization protein	2.01	2.80	0.00			
A_51_P280984	TC1484154			2.44	2.80	0.00			
A_51_P428244	NM_183392	269113	Nup54; nucleoporin 54	1.83	2.75	0.14			
A_51_P222993	NM_001007569	71691	0710005I19Rik; RIKEN cDNA 0710005I19 gene	1.79	2.75	0.13			
A_51_P171726	NM_011926	26365	Ceacam1; CEA-related cell adhesion molecule 1	1.91	2.74	0.16			
A_51_P173343	NM_029545	328092	6530401N04Rik; RIKEN cDNA 6530401N04 gene	1.83	2.71	0.14			
A_51_P170647	S79463			2.03	2.70	0.00			
A_51_P359636	NM_011150	19039	Lgals3bp; lectin, galactoside-binding, soluble, 3 binding protein	2.20	2.68	0.00			
A_51_P343727	XM_359330	214922	Slc39a2; solute carrier family 39 (zinc transporter), member 2	2.27	2.68	0.00			
A_51_P311990	NM_011032	18453	P4hb; prolyl 4-hydroxylase, beta polypeptide	1.68	2.67	0.22			
A_51_P330331	NM_007807	13058	Cybb; cytochrome b-245, beta polypeptide	1.74	2.67	0.24			
A_51_P513191	AF436846	191578	MGI:2176740; helicase, mus308-like (Drosophila)	1.94	2.66	0.17			
A_51_P174728	NM_019388	12524	Cd86; CD86 antigen	2.44	2.65	0.00			
A_51_P389664	AK090280	383757	LOC383757; similar to Transcriptional repressor scratch 2 (Scratch homolog 2 zinc finger protein)	2.56	2.65	0.00			
A_51_P330736	AK049252			2.46	2.64	0.00			
A_51_P390538	L20315	17476	Mpeg1; macrophage expressed gene 1	1.77	2.60	0.12			
A_51_P347332	AK012530	319520	Dusp4; dual specificity phosphatase 4	1.81	2.59	0.13			

A_51_P245796	NM_029083	74747	Ddit4; DNA-damage-inducible transcript 4	1.66	2.59	0.21			
A_51_P159711	NM_053070	12354	Car7; carbonic anhydrase 7	1.65	2.59	0.21			
A_51_P260511	NM_009087	20018	Rpo1-3; RNA polymerase 1-3	1.65	2.58	0.21			
A_51_P169750	NM_011653	22142	Tuba1; tubulin, alpha 1	1.65	2.58	0.21			
A_51_P349777	NM_001029978	66104	Tceal3; transcription elongation factor A (SII)-like 3	2.16	2.58	0.00			
A_51_P394383	BC004722	54409	Ramp2; receptor (calcitonin) activity modifying protein 2	1.56	2.55	0.93			
A_51_P248547	NM_011865	23983	Pcbp1; poly(rC) binding protein 1	1.54	2.53	0.91			
A_51_P119077	NM_011018	18412	Sqstm1; sequestosome 1	1.63	2.53	0.29			
A_51_P326091	BC023121			1.88	2.53	0.16			
A_51_P328760	NM_027470	70584	Pak4; p21 (CDKN1A)-activated kinase 4	1.66	2.52	0.21			
A_51_P108108	NM_153074	211228	Lrrc25; leucine rich repeat containing 25	2.62	2.51	0.00			
A_51_P442655	NM_026191	67487	Dhx40; DEAH (Asp-Glu-Ala-His) box polypeptide 40	1.70	2.50	0.22			
A_51_P297679	NM_008225	15163	Hcls1; hematopoietic cell specific Lyn substrate 1	1.77	2.50	0.12			
A_51_P253547	NM_009984	13039	Ctsl; cathepsin L	2.01	2.48	0.00			
A_51_P118765	NM_010106	13627	Eef1a1; eukaryotic translation elongation factor 1 alpha 1	1.64	2.46	0.29			
A_51_P355912	A_51_P355912	270210	BC030045; cDNA sequence BC030045	1.83	2.46	0.14			
A_51_P220889	NM_030705	80889	Mesdc1; mesoderm development candidate 1	2.24	2.45	0.00			
A_51_P433450	NM_010663	16667	Krt1-17; keratin complex 1, acidic, gene 17	1.77	2.45	0.12			
A_51_P208390	NM_019674	56420	Ppp4c; protein phosphatase 4, catalytic subunit	2.09	2.45	0.00			
A_51_P361478	NM_011116	18807	Pld3; phospholipase D3	1.96	2.43	0.17			
A_51_P478498	NM_146584			1.65	2.43	0.29			
A_51_P473252	NM_011777	22793	Zyx; zyxin	2.16	2.42	0.00			
A_51_P511199	NM_027015	57294	Rps27; ribosomal protein S27	1.77	2.42	0.12			
A_51_P479715	NM_012011	26908	Eif2s3y; eukaryotic translation initiation factor 2, subunit 3, structural gene Y-linked	1.69	2.42	0.22			
A_51_P381749	NM_025531	66390	2310042G06Rik; RIKEN cDNA 2310042G06 gene	1.60	2.41	0.45			

A_51_P224023	NM_144846	223601	0910001A06Rik; RIKEN cDNA 0910001A06 gene	1.77	2.41	0.12			
A_51_P187839	NM_146383			2.06	2.41	0.00			
A_51_P124568	NM_008621	17524	Mpp1; membrane protein, palmitoylated	1.76	2.40	0.12			
A_51_P270339	AK007777	83490	Pik3ap1; phosphoinositide-3-kinase adaptor protein 1	1.73	2.40	0.24			
A_51_P277216	NM_027836	109225	Ms4a7; membrane-spanning 4-domains, subfamily A, member 7	2.06	2.39	0.00			
A_51_P195054	NM_178627	73826	Poldip3; polymerase (DNA-directed), delta interacting protein 3	1.62	2.39	0.38			
A_51_P148122	NM_027910	71765	Klhdc3; kelch domain containing 3	1.52	2.38	1.11			
A_51_P216145	NM_007927	13726	Emd; emerlin	1.52	2.38	1.54			
A_51_P211943	NM_023742	74198	Dtx2; deltex 2 homolog (Drosophila)	1.94	2.38	0.17			
A_51_P234985	NM_146828			2.03	2.37	0.00			
A_51_P224592	NM_026823	68724	Arl10b; ADP-ribosylation factor-like 10B	1.52	2.37	1.11			
A_51_P265906	BC066035	226409	Zranb3; zinc finger, RAN-binding domain containing 3	2.09	2.37	0.00			
A_51_P345298	AK017962	67765	5830432E09Rik; RIKEN cDNA 5830432E09 gene	1.94	2.37	0.17			
A_51_P319031	NM_009945	12866	Cox7a2; cytochrome c oxidase, subunit VIIa 2	1.52	2.37	1.11			
A_51_P294505	NM_025658	66607	Ms4a4d; membrane-spanning 4-domains, subfamily A, member 4D	2.46	2.36	0.00			
A_51_P521346	XM_356827			1.64	2.36	0.29			
A_51_P472249	NM_011405	20540	Slc7a7; solute carrier family 7 (cationic amino acid transporter, y+ system), member 7	1.83	2.35	0.14			
A_51_P128945	NM_024277	75782	4930431B11Rik; RIKEN cDNA 4930431B11 gene	1.56	2.35	0.93			
A_51_P294555	AI386420	213002	Ifitm6; interferon induced transmembrane protein 6	1.75	2.35	0.24			
A_51_P129502	NM_011990	26570	Slc7a11; solute carrier family 7 (cationic amino acid transporter, y+ system), member 11	2.00	2.35	0.18			

A_51_P213666	AK010717	73677	Psm8; proteasome (prosome, macropain) subunit, alpha type, 8	1.95	2.35	0.17			
A_51_P291948	NM_010266	14544	Gda; guanine deaminase	2.35	2.34	0.00			
A_51_P337675	NM_007651	12508	Cd53; CD53 antigen	2.45	2.33	0.00			
A_51_P375698	BC029030	225358	2610024E20Rik; RIKEN cDNA 2610024E20 gene	2.01	2.33	0.00			
A_51_P362531	NM_144835	217995	B130016L12Rik; RIKEN cDNA B130016L12 gene	1.95	2.33	0.17			
A_51_P407904	NM_021789	60409	Trappc4; trafficking protein particle complex 4	1.55	2.33	0.92			
A_51_P416387	NM_019768	56397	Morf4l2; mortality factor 4 like 2	1.52	2.32	1.11			
A_51_P384584	NM_026042	67224	Ixl; intersex-like (Drosophila)	1.97	2.31	0.18			
A_51_P507970	NM_025686	66653	Brf2; BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like	1.83	2.31	0.14			
A_51_P373573	NM_174988	104010	Cdh22; cadherin 22	1.67	2.30	0.22			
A_51_P486810	NM_030677	70974	Pgm2l1; phosphoglucomutase 2-like 1	1.85	2.30	0.14			
A_51_P396141	NM_134247	171282	MGI:2159621; peroxisomal acyl-CoA thioesterase 2B	1.69	2.30	0.22			
A_51_P182828	NM_008828	18655	Pgk1; phosphoglycerate kinase 1	1.57	2.29	0.93			
A_51_P328613	NM_010188	14131	Fcgr3; Fc receptor, IgG, low affinity III	1.68	2.29	0.22			
A_51_P463775	NM_024431	21761	Morf4l1; mortality factor 4 like 1	1.52	2.29	1.11			
A_51_P494675	NM_028071	72042	Cotl1; coactosin-like 1 (Dictyostelium)	1.83	2.28	0.14			
A_51_P106859	NM_138721	116748	Lsm10; U7 snRNP-specific Sm-like protein LSM10	1.89	2.27	0.16			
A_51_P245055	NM_030059	78240	Cst11; cystatin 11	1.86	2.26	0.15			
A_51_P421140	NM_026473	67951	Tubb6; tubulin, beta 6	1.56	2.26	0.93			
A_51_P246653	NM_020008	56644	Clec7a; C-type lectin domain family 7, member a	1.79	2.25	0.13			
A_51_P472219	NM_199301	212508	Gm169; gene model 169, (NCBI)	1.73	2.25	0.24			
A_51_P517423	AK019388	77134	Hnrpa0; heterogeneous nuclear ribonucleoprotein A0	1.97	2.25	0.18			
A_51_P159655	NM_029741	76787	2410127E16Rik; RIKEN cDNA 2410127E16 gene	1.97	2.24	0.17			
A_51_P279571	NM_025932	67043	Syap1; synapse associated protein 1	1.55	2.24	0.92			
A_51_P122723	NM_024478	17713	Grpel1; GrpE-like 1, mitochondrial	1.84	2.24	0.14			

A_51_P413539	NM_021606	59126	Nek6; NIMA (never in mitosis gene a)-related expressed kinase 6	1.74	2.23	0.24			
A_51_P440440	NM_009235	20670	Sox15; SRY-box containing gene 15	1.72	2.22	0.23			
A_51_P218814	NM_026517	68028	3110001N18Rik; RIKEN cDNA 3110001N18 gene	1.57	2.21	0.93			
A_51_P140731	NM_013715	26754	Cops5; COP9 (constitutive photomorphogenic) homolog, subunit 5 (Arabidopsis thaliana)	2.01	2.21	0.00			
A_51_P183971	NM_019446	54422	Barhl1; BarH-like 1 (Drosophila)	1.52	2.21	1.11			
A_51_P203800	NM_172691	230088	B230312A22Rik; RIKEN cDNA B230312A22 gene	2.26	2.20	0.00			
A_51_P473980	TC1482479	60345	Nrip2; nuclear receptor interacting protein 2	1.72	2.20	0.23			
A_51_P136810	NM_001004025			1.72	2.19	0.23			
A_51_P446469	NM_010071	13449	Dok2; docking protein 2	1.98	2.18	0.18			
A_51_P341789	NM_027481	70616	Sf4; splicing factor 4	1.72	2.18	0.23			
A_51_P401471	AK011951	67160	Eef1g; eukaryotic translation elongation factor 1 gamma	1.86	2.17	0.15			
A_51_P424828	NM_026425	67877	Nat5; N-acetyltransferase 5 (ARD1 homolog, S. cerevisiae)	1.60	2.16	0.45			
A_51_P209261	NM_021507	59010	Sqrdl; sulfide quinone reductase-like (yeast)	1.70	2.16	0.22			
A_51_P144148	TC1516250	12983	Csf2rb1; colony stimulating factor 2 receptor, beta 1, low-affinity (granulocyte-macrophage)	1.83	2.15	0.14			
A_51_P142080	NM_016920	11975	Atp6v0a1; ATPase, H ⁺ transporting, lysosomal V0 subunit a isoform 1	2.26	2.15	0.00			
A_51_P119965	NM_013831	19201	Pstpip2; proline-serine-threonine phosphatase-interacting protein 2	1.87	2.15	0.16			
A_51_P417854	NM_011227	19332	Rab20; RAB20, member RAS oncogene family	2.08	2.14	0.00			
A_51_P419293	NM_030060	381319	9130211I03Rik; RIKEN cDNA 9130211I03 gene	1.60	2.14	0.45			
A_51_P209280	NM_133685	106572	1700093E07Rik; RIKEN cDNA 1700093E07 gene	1.78	2.14	0.13			

A_51_P435023	NM_019713	56289	Rassf1; Ras association (RalGDS/AF-6) domain family 1	1.66	2.13	0.22			
A_51_P386069	NM_176971	319642	Rab9b; RAB9B, member RAS oncogene family	2.30	2.12	0.00			
A_51_P239386	NM_133485	76142	Ppp1r14c; protein phosphatase 1, regulatory (inhibitor) subunit 14c	1.71	2.11	0.23			
A_51_P520616	BI100634			1.73	2.11	0.24			
A_51_P294979	NM_013602	17748	Mt1; metallothionein 1	2.20	2.10	0.00			
A_51_P251154	BC016624	75693	3010001F23Rik; RIKEN cDNA 3010001F23 gene	2.16	2.10	0.00			
A_51_P405423	BC094221	20425	Shmt1; serine hydroxymethyl transferase 1 (soluble)	1.69	2.10	0.22			
A_51_P327290	NM_021473	58810	Akr1a4; aldo-keto reductase family 1, member A4 (aldehyde reductase)	1.52	2.10	1.54			
A_51_P388580	AY036118			1.66	2.10	0.22			
A_51_P169730	NM_008218	15122	Hba-a1; hemoglobin alpha, adult chain 1	1.58	2.09	0.69			
A_51_P413359	NM_183201	327978	Slfn5; schlafen 5	1.82	2.08	0.13			
A_51_P212682	NM_027290	70024	Mcm10; minichromosome maintenance deficient 10 (S. cerevisiae)	1.67	2.08	0.22			
A_51_P389479	AK004470	76974	1190003J15Rik; RIKEN cDNA 1190003J15 gene	2.04	2.06	0.00			
A_51_P131661	NM_024182	66878	Riok3; RIO kinase 3 (yeast)	1.86	2.06	0.15			
A_51_P265545	NM_025382	66146	1110007C24Rik; RIKEN cDNA 1110007C24 gene	1.59	2.06	0.45			
A_51_P449048	NM_023149	66054	Cndp2; CNDP dipeptidase 2 (metallopeptidase M20 family)	1.69	2.06	0.22			
A_51_P281593	BC062173	71910	Ppapdc1; phosphatidic acid phosphatase type 2 domain containing 1	1.62	2.06	0.38			
A_51_P170371	NM_031165	15481	Hspa8; heat shock protein 8	1.73	2.06	0.24			
A_51_P119066	NM_010953	18256	Oc90; otoconin 90	1.53	2.06	1.11			
A_51_P442366	AK083254	54004	Diap2; diaphanous homolog 2 (Drosophila)	1.82	2.05	0.13			
A_51_P180862	NM_144892	228869	Ncoa5; nuclear receptor coactivator 5	1.73	2.05	0.24			
A_51_P326015	NM_153287	215418	Axud1; AXIN1 up-regulated 1	1.52	2.05	1.54			

A_51_P269464	D37791	72145	Wdfy3; WD repeat and FYVE domain containing 3	1.86	2.04	0.15			
A_51_P114714	NM_023233	66597	Trim13; tripartite motif protein 13	2.00	2.04	0.18			
A_51_P244213	NM_178255	67666	Hapln3; hyaluronan and proteoglycan link protein 3	1.54	2.03	0.91			
A_51_P214977	NM_013454	11303	Abca1; ATP-binding cassette, sub-family A (ABC1), member 1	2.05	2.02	0.00			
A_51_P295586	NM_026480	67968	2410146L05Rik; RIKEN cDNA 2410146L05 gene	1.62	2.00	0.38			
A_51_P437247	NM_027180	69710	Centd2; centaurin, delta 2	1.60	1.99	0.45			
A_51_P371162	NM_133916	27979	Eif3s9; eukaryotic translation initiation factor 3, subunit 9 (eta)	1.65	1.99	0.29			
A_51_P348280	NM_008359	16172	Il17r; interleukin 17 receptor	1.79	1.98	0.13			
A_51_P265869	NM_010481	15526	Hspa9a; heat shock protein 9A	1.59	1.98	0.45			
A_51_P277503	NM_017382	53869	Rab11a; RAB11a, member RAS oncogene family	1.77	1.98	0.12			
A_51_P412297	NM_023625	71772	1300012G16Rik; RIKEN cDNA 1300012G16 gene	1.55	1.98	0.92			
A_51_P172513	NM_011364	20400	Sh2d1a; SH2 domain protein 1A	1.58	1.97	0.69			
A_51_P105322	NM_029632	76497	Ppp1r11; protein phosphatase 1, regulatory (inhibitor) subunit 11	1.67	1.95	0.22			
A_51_P317076	NM_025917	67023	2010315L10Rik; RIKEN cDNA 2010315L10 gene	-2.15	0.49	0.29			
A_51_P236160	NM_172392	268670	BC028265; cDNA sequence BC028265	-2.07	0.49	0.44			
A_51_P445841	NM_145470	97998	Depdc6; DEP domain containing 6	-2.04	0.48	0.93			
A_51_P462448	NM_008162	14779	Gpx4; glutathione peroxidase 4	-2.14	0.48	0.29			
A_51_P507401	AK005193	68972	1500010M24Rik; RIKEN cDNA 1500010M24 gene	-2.25	0.48	0.29			
A_51_P166783	NM_138681	192197	Bcas3; breast carcinoma amplified sequence 3	-2.27	0.47	0.21			
A_51_P361049	NM_025370	66129	1110018J18Rik; RIKEN cDNA 1110018J18 gene	-2.18	0.46	0.29			
A_51_P311938	NM_013835	20822	Ssa2; Sjogren syndrome antigen A2	-2.22	0.46	0.29			
A_51_P479590	BC037006	211652	BC037006; cDNA sequence BC037006	-2.38	0.46	0.24			

A_51_P401668	NM_010686	16792	Laptm5; lysosomal-associated protein transmembrane 5	-2.27	0.45	0.21			
A_51_P276235	NM_146251	241274	BC027342; cDNA sequence BC027342	-2.01	0.45	0.91			
A_51_P464821	NM_015787	50709	Hist1h1e; histone 1, H1e	-2.06	0.45	0.44			
A_51_P160202	NM_008740	18195	Nsf; N-ethylmaleimide sensitive fusion protein	-2.06	0.45	0.44			
A_51_P503345	NM_022986	65099	Irak1bp1; interleukin-1 receptor-associated kinase 1 binding protein 1	-2.07	0.45	0.45			
A_51_P307792	NM_026034	67211	2810037C14Rik; RIKEN cDNA 2810037C14 gene	-2.13	0.44	0.29			
A_51_P508289	NM_010145	13849	Ephx1; epoxide hydrolase 1, microsomal	-1.99	0.44	1.11			
A_51_P252677	NM_026738	68480	1110007C09Rik; RIKEN cDNA 1110007C09 gene	-2.13	0.44	0.29			
A_51_P390389	AK086718	67187	Zmynd19; zinc finger, MYND domain containing 19	-2.58	0.43	0.14			
A_51_P371311	NM_018861	55963	Slc1a4; solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	-2.65	0.43	0.14			
A_51_P110529	NM_008882	18845	Plxna2; plexin A2	-2.19	0.41	0.29			
A_51_P211880	BC027640	78038	Mccc2; methylcrotonoyl-Coenzyme A carboxylase 2 (beta)	-2.31	0.40	0.22			
A_51_P138128	AK076900	69020	1500031N24Rik; RIKEN cDNA 1500031N24 gene	-2.45	0.38	0.13			
A_51_P414305	NM_028790	74156	MGI:1921406; cytosolic acetyl-CoA hydrolase	-2.22	0.37	0.29			
A_51_P510893	NM_007423	11576	Afp; alpha fetoprotein	-2.48	0.37	0.13			
A_51_P164606	NM_010311	14687	Gnaz; guanine nucleotide binding protein, alpha z subunit	-2.68	0.36	0.14			
A_51_P134627	NM_178283	142688	Asb13; ankyrin repeat and SOCS box-containing protein 13	-2.45	0.36	0.13			
A_51_P265696	NM_008085	14447	Gapds; glyceraldehyde-3-phosphate dehydrogenase, spermatogenic	-2.25	0.34	0.29			
A_51_P108678	U12889	16639	Klra8; killer cell lectin-like receptor, subfamily A, member 8	-2.56	0.33	0.14			
A_51_P351956	BC031470			-2.48	0.30	0.13			

A_51_P210901	NM_183146			-2.12	0.29	0.29			
A_51_P405397	NM_007899	13601	Ecm1; extracellular matrix protein 1	-2.16	0.28	0.29			
A_51_P262670	NM_019547	56190	Rnpc1; RNA-binding region (RNP1, RRM) containing 1	-2.39	0.25	0.24			
A_51_P158388	NM_198164	78334	Cdc2l6; cell division cycle 2-like 6 (CDK8-like)	-3.48	0.25	0.00			
A_51_P355062	AJ223070	21416	Tcf7l2; transcription factor 7-like 2, T-cell specific, HMG-box	-3.49	0.19	0.00			
A_51_P383662	AK035027	66520	2610001J05Rik; RIKEN cDNA 2610001J05 gene	-2.34	0.07	0.23			
A_51_P501720	AK042850	269019	Stk32a; serine/threonine kinase 32A	-2.28	0.04	0.22			
A_51_P429212	NM_028749	74091	Npl; N-acetylneuraminate pyruvate lyase	-2.03	0.04	0.92			
A_51_P112456	AK029592			-2.16	0.04	0.29			
A_51_P317176	NM_009971	12985	Csf3; colony stimulating factor 3 (granulocyte)				5.50	56.81	0.00
A_51_P101149	NM_011111	18788	"Serpib2; serine (or cysteine) proteinase inhibitor, clade B, member 2"				7.18	28.57	0.00
A_51_P148216	NM_020025	26878	"B3galt2; UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2"				6.39	17.76	0.00
A_51_P420338	AK029018	13512	Dsg3; desmoglein 3				7.31	17.17	0.00
A_51_P508959	AJ132433	78004	E130201N16Rik; RIKEN cDNA E130201N16 gene				8.48	16.67	0.00
A_51_P153624	AK047356	224224	Impg2; interphotoreceptor matrix proteoglycan 2				7.66	14.92	0.00
A_51_P463559	NM_008620	17472	Mpa2; macrophage activation 2				8.50	12.64	0.00
A_51_P197344	AK016562						7.77	12.33	0.00
A_51_P491240	AK011092						7.04	11.95	0.00
A_51_P394635	AK032549	74438	4933402J24Rik; RIKEN cDNA 4933402J24 gene				4.37	11.57	0.00
A_51_P444216	AK016612	74426	4933402D24Rik; RIKEN cDNA 4933402D24 gene				5.80	11.00	0.00
A_51_P253715	AK047846	216285	Cart1; cartilage homeo protein 1				5.93	9.81	0.00
A_51_P143893	NM_054098	117167	"Tnfaip9; tumor necrosis factor, alpha-induced protein 9"				7.31	9.42	0.00

A_51_P288138	NM_008039	14289	"Fpr-rs2; formyl peptide receptor, related sequence 2"				7.47	8.89	0.00
A_51_P423668	BC018464	74349	4632419K20Rik; RIKEN cDNA 4632419K20 gene				6.01	7.95	0.00
A_51_P171075	X02333	12981	Csf2; colony stimulating factor 2 (granulocyte-macrophage)				4.25	7.86	0.00
A_51_P400160	AK013705	70954	4922502B01Rik; RIKEN cDNA 4922502B01 gene				4.65	7.69	0.00
A_51_P170476	NM_008435	16538	"Kcns1; K ⁺ voltage-gated channel, subfamily S, 1"				5.24	7.59	0.00
A_51_P372550	BC023116	68567	Cgref1; cell growth regulator with EF hand domain 1				5.76	7.59	0.00
A_51_P406604	BC006779	229003	BC006779; cDNA sequence BC006779				3.40	7.49	0.00
A_51_P232530	NM_013665	20429	Shox2; short stature homeobox 2				5.42	7.17	0.00
A_51_P277994	AB067535	246728	Oas2; 2'-5' oligoadenylate synthetase 2				4.56	7.15	0.00
A_51_P317661	NG_002104.1						5.33	6.72	0.00
A_51_P514776	NM_009771	12234	Btrc; beta-transducin repeat containing protein				5.81	6.51	0.00
A_51_P512387	NM_011593	21857	Timp1; tissue inhibitor of metalloproteinase 1				5.70	6.25	0.00
A_51_P193379	AF073882	54384	Mtmr7; myotubularin related protein 7				3.65	6.03	0.00
A_51_P162272	NM_009524	22418	Wnt5a; wntless-related MMTV integration site 5A				4.40	5.76	0.00
A_51_P259152	NM_030684	94094	Trim34; tripartite motif protein 34				3.45	5.70	0.00
A_51_P321158	NM_017372	17105	Lyzs; lysozyme				5.55	5.69	0.00
A_51_P464530	AF033350	18951	Sept5; septin 5				5.01	5.60	0.00
A_51_P283954	AK087754	233204	"Tbc1d17; TBC1 domain family, member 17"				4.48	5.49	0.00
A_51_P104768	BY352313.1	16061	Igh-VJ558; immunoglobulin heavy chain (J558 family)				5.09	5.39	0.00
A_51_P513776	CA579461	380823	LOC380823; similar to anti-poly(dC) monoclonal antibody heavy chain				4.11	5.18	0.00
A_51_P444555	AK043971	244653	Hydin; hydrocephalus inducing				3.83	5.09	0.00
A_51_P379873	NM_033145	78076	9230106L18Rik; RIKEN cDNA 9230106L18 gene				4.91	4.99	0.00

A_51_P169374	NM_027172	69698	2310046K01Rik; RIKEN cDNA 2310046K01 gene				3.98	4.90	0.00
A_51_P303583	BU744153	18720	"Pip5k1b; phosphatidylinositol-4- phosphate 5-kinase, type 1 beta"				1.05	4.85	0.84
A_51_P335729	AK039370						3.27	4.83	0.00
A_51_P336480	AK029978	73422	1700058C01Rik; RIKEN cDNA 1700058C01 gene				3.93	4.75	0.00
A_51_P107807	NG_001690.1						4.18	4.74	0.00
A_51_P476829	AK052945	228859	D930001I22Rik; RIKEN cDNA D930001I22 gene				3.87	4.73	0.00
A_51_P221755	M17962	13648	Klk9; kallikrein 9				4.19	4.72	0.00
A_51_P291438	NM_011607	21923	Tnc; tenascin C				5.09	4.66	0.00
A_51_P203706	AK014555						4.16	4.62	0.00
A_51_P305583	NM_013673	20684	Sp100; nuclear antigen Sp100				4.28	4.61	0.00
A_51_P465436	NM_008336.1						4.13	4.58	0.00
A_51_P406193	AK020389	68132	9330179O15Rik; RIKEN cDNA 9330179O15 gene				4.25	4.53	0.00
A_51_P162852	ENSMUST00000044820						3.92	4.52	0.00
A_51_P273044	AJ309544	116848	"Baz2a; bromodomain adjacent to zinc finger domain, 2A"				3.61	4.46	0.00
A_51_P206153	D13903	19266	"Ptprd; protein tyrosine phosphatase, receptor type, D"				4.63	4.42	0.00
A_51_P486091	AK088467	245866	BC037708; cDNA sequence BC037708				3.38	4.41	0.00
A_51_P489720	AB041591	216867	"Slc16a11; solute carrier family 16 (monocarboxylic acid transporters), member 11"				3.37	4.41	0.00
A_51_P285659	NM_013611	18119	Nodal; nodal				3.05	4.39	0.00
A_51_P410219	AK016461	70979	4931417G12Rik; RIKEN cDNA 4931417G12 gene				3.90	4.38	0.00
A_51_P210270	NM_146739.1						4.48	4.37	0.00
A_51_P460739	AK047144	218038	Amph; amphiphysin				3.42	4.36	0.00

A_51_P146063	AK016662	66244	Sdccag1; serologically defined colon cancer antigen 1				4.14	4.27	0.00
A_51_P232655	ENSMUST00000052535						3.60	4.27	0.00
A_51_P484698	AF296412	114230	Aipl1; aryl hydrocarbon receptor-interacting protein-like 1				3.21	4.27	0.00
A_51_P150354	BC020180	76804	Jmjd2c; jumonji domain containing 2C				4.62	4.26	0.00
A_51_P183165	NM_146129.1	228866	F730014I05Rik; RIKEN cDNA F730014I05 gene				3.58	4.25	0.00
A_51_P426555	NM_133991	54632	Ftsj1; Ftsj homolog 1 (E. coli)				3.81	4.24	0.00
A_51_P254608	AK084178	208076	Pknox2; Pbx/knotted 1 homeobox 2				3.93	4.23	0.00
A_51_P287577	NG_001698.1						4.45	4.21	0.00
A_51_P515446	NM_018887	56050	"Cyp39a1; cytochrome P450, family 39, subfamily a, polypeptide 1"				3.29	4.19	0.00
A_51_P136441	NM_026497	67993	Nudt12; nudix (nucleoside diphosphate linked moiety X)-type motif 12				4.17	4.18	0.00
A_51_P280657	AK002857	432778	LOC432778; similar to Sodium/hydrogen exchanger 3 (Na(+)/H(+) exchanger 3) (NHE-3)				3.68	4.14	0.00
A_51_P109268	NM_134202.1						3.45	4.13	0.00
A_51_P194823	NM_008355	16163	Il13; interleukin 13				3.65	4.13	0.00
A_51_P463034	AK015293	74666	4930432K21Rik; RIKEN cDNA 4930432K21 gene				3.47	4.12	0.00
A_51_P394172	NM_007954	13884	Es1; esterase 1				3.57	4.10	0.00
A_51_P223498	AK049099	227059	"Slc39a10; solute carrier family 39 (zinc transporter), member 10"				4.34	4.09	0.00
A_51_P144543	AK006869	74269	1700063H04Rik; RIKEN cDNA 1700063H04 gene				3.58	4.08	0.00
A_51_P142450	AK090375	71687	Tmem25; transmembrane protein 25				3.36	4.07	0.00
A_51_P270005	AK014976	74354	4921528H16Rik; RIKEN cDNA 4921528H16 gene				3.21	4.07	0.00
A_51_P428013	AK005562	72205	Eml2; echinoderm microtubule associated protein like 2				3.83	4.06	0.00
A_51_P123510	NM_030739	81014	"V1rd4; vomeronasal 1 receptor, D4"				3.95	4.04	0.00

A_51_P509264	NM_010455	15404	Hoxa7; homeo box A7				4.03	4.03	0.00
A_51_P288649	NM_009184	20459	Ptk6; PTK6 protein tyrosine kinase 6				2.83	3.98	0.00
A_51_P232384	BC003330	231801	Hrbl; HIV-1 Rev binding protein-like				3.10	3.97	0.00
A_51_P378006	NM_026449	67909	Galnt15; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglactosaminyltransferase 15				3.71	3.97	0.00
A_51_P441894	NM_133730	70810	4631426H08Rik; RIKEN cDNA 4631426H08 gene				3.60	3.96	0.00
A_51_P467029	NG_001771.1						3.52	3.96	0.00
A_51_P390804	NM_016873	22403	Wisp2; WNT1 inducible signaling pathway protein 2				3.82	3.94	0.00
A_51_P294176	BC017132	408064	BC064078; cDNA sequence BC064078				3.75	3.93	0.00
A_51_P394612	AK015851	21844	Tiam1; T-cell lymphoma invasion and metastasis 1				3.44	3.88	0.00
A_51_P467598	AK081461	52563	"Cdc23; CDC23 (cell division cycle 23, yeast, homolog)"				3.82	3.87	0.00
A_51_P408595	NM_016960	20297	Ccl20; chemokine (C-C motif) ligand 20				4.20	3.86	0.00
A_51_P199778	AK015078						3.27	3.85	0.00
A_51_P286996	NM_019503	56188	Fxyd1; FXYP domain-containing ion transport regulator 1				3.27	3.85	0.00
A_51_P404687	BQ879403	239796	A430031N04; hypothetical protein A430031N04				3.30	3.84	0.00
A_51_P234843	AK005609	69315	1700001L19Rik; RIKEN cDNA 1700001L19 gene				2.76	3.81	0.00
A_51_P430417	NM_146299.1						3.17	3.81	0.00
A_51_P339803	AK045168	235631	Tsp50; testes-specific protease 50				4.10	3.80	0.00
A_51_P502835	AK005179	22214	Ube2h; ubiquitin-conjugating enzyme E2H				3.50	3.80	0.00
A_51_P110199	AK042036	227638	Qscn6l1; quiescin Q6-like 1				2.64	3.79	0.00
A_51_P116636	NM_025752						3.31	3.78	0.00
A_51_P195506	NM_007778	12977	Csf1; colony stimulating factor 1 (macrophage)				4.03	3.78	0.00
A_51_P202911	BC021879	67198	2810022L02Rik; RIKEN cDNA 2810022L02 gene				4.19	3.78	0.00

A_51_P470989	BC019726	218693	Paip1; polyadenylate binding protein-interacting protein 1				4.23	3.77	0.00
A_51_P268193	NM_017394	53896	"Slc7a10; solute carrier family 7 (cationic amino acid transporter, y+ system), member 10"				4.43	3.76	0.00
A_51_P234274	BC013672	75111	4930512H18Rik; RIKEN cDNA 4930512H18 gene				3.40	3.75	0.00
A_51_P424959	NM_007528	12029	"Bcl6b; B-cell CLL/lymphoma 6, member B"				4.15	3.74	0.00
A_51_P483617	NM_029554	76261	0610040J01Rik; RIKEN cDNA 0610040J01 gene				4.00	3.73	0.00
A_51_P512997	AK046218	215446	Entpd3; ectonucleoside triphosphate diphosphohydrolase 3				3.00	3.73	0.00
A_51_P107520	NG_001801.1						3.29	3.69	0.00
A_51_P494293	AK020268	329160	B530002L08; hypothetical protein B530002L08				3.94	3.69	0.00
A_51_P288406	NM_010589	16453	Jak3; Janus kinase 3				3.81	3.68	0.00
A_51_P168239	ENSMUST00000051943						3.38	3.67	0.00
A_51_P401628	NM_026367.1	67769	Gpatc2; G patch domain containing 2				3.73	3.65	0.00
A_51_P179933	BE654873	66398	Commmd5; COMM domain containing 5				2.88	3.64	0.00
A_51_P306689	NM_054048	104383	Rcor2; REST co-repressor 2				3.83	3.63	0.00
A_51_P417918	BC023181	269608	BC023181; cDNA sequence BC023181				2.92	3.62	0.00
A_51_P391926	NM_024432	66530	Ubx1; UBX domain containing 1				3.47	3.59	0.00
A_51_P439932	AK045522	207259	B230208J24Rik; RIKEN cDNA B230208J24 gene				3.90	3.59	0.00
A_51_P173197	AK033413	70231	Gorasp2; golgi reassembly stacking protein 2				3.46	3.57	0.00
A_51_P114693	BC006604	231440	9130213B05Rik; RIKEN cDNA 9130213B05 gene				3.53	3.56	0.00
A_51_P434776	NM_028101	72106	2610003J06Rik; RIKEN cDNA 2610003J06 gene				3.86	3.56	0.00
A_51_P282983	BC026868	213053	"Slc39a14; solute carrier family 39 (zinc transporter), member 14"				3.06	3.55	0.00
A_51_P342106	AK016064						3.12	3.55	0.00

A_51_P348624	NM_013899	30059	Timm13a; translocase of inner mitochondrial membrane 13 homolog a (yeast)				2.90	3.54	0.00
A_51_P395164	BC010822	18633	Pex16; peroxisome biogenesis factor 16				3.07	3.54	0.00
A_51_P130995	NM_010369.1	14934	Gypa; glycophorin A				3.11	3.53	0.00
A_51_P243808	AK031400	215243	6030423D04Rik; RIKEN cDNA 6030423D04 gene				2.78	3.53	0.00
A_51_P424868	NM_026524	68041	Mid1ip1; Mid1 interacting protein 1 (gastrulation specific G12-like (zebrafish))				3.45	3.51	0.00
A_51_P434689	AK033827	321017	9230116L04Rik; RIKEN cDNA 9230116L04 gene				3.43	3.50	0.00
A_51_P232921	AK006831						3.60	3.47	0.00
A_51_P381618	NM_134102	85031	Pla1a; phospholipase A1 member A				3.28	3.47	0.00
A_51_P116326	BC023089	228139	"P2rx3; purinergic receptor P2X, ligand-gated ion channel, 3"				3.08	3.46	0.00
A_51_P108910	NM_011445	20679	Sox6; SRY-box containing gene 6				1.78	3.44	0.00
A_51_P208891	NG_001509.1						3.21	3.44	0.00
A_51_P377789	NM_009582	26404	Map3k12; mitogen activated protein kinase kinase kinase 12				3.17	3.44	0.00
A_51_P464308	NM_013531	14696	"Gnb4; guanine nucleotide binding protein, beta 4"				2.55	3.44	0.00
A_51_P434637	AY033771	320524	9630026M06Rik; RIKEN cDNA 9630026M06 gene				3.72	3.41	0.00
A_51_P223994	AK013574	327954	D130094J20; hypothetical protein D130094J20				3.63	3.38	0.00
A_51_P402805	AK029263	268721	2310021P13Rik; RIKEN cDNA 2310021P13 gene				3.46	3.38	0.00
A_51_P374869	NM_013850	27403	"Abca7; ATP-binding cassette, sub-family A (ABC1), member 7"				2.66	3.35	0.00
A_51_P403749	NM_021360	18011	Neurl; neuralized-like homolog (Drosophila)				3.23	3.35	0.00
A_51_P476820	AK046081	73316	Calr3; calreticulin 3				3.38	3.33	0.00
A_51_P134052	AK049105	227327	"B3gnt7; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7"				2.97	3.32	0.00

A_51_P393518	BC016539	240793	"Gm201; gene model 201, (NCBI)"				2.89	3.31	0.00
A_51_P161323	AK034909	245527	Eda2r; ectodysplasin A2 isoform receptor				3.22	3.30	0.00
A_51_P223033	AK083479	71865	Fbxo30; F-box protein 30				3.18	3.30	0.00
A_51_P231687	AK087976	24010	Ik; IK cytokine				3.52	3.30	0.00
A_51_P419439	NM_010321	14711	Gnmt; glycine N-methyltransferase				2.81	3.26	0.00
A_51_P217218	NM_031168	16193	Il6; interleukin 6				2.78	3.24	0.00
A_51_P442759	AK053075	213649	Arhgef19; Rho guanine nucleotide exchange factor (GEF) 19				3.31	3.22	0.00
A_51_P244950	NM_022722	64705	Dpys; dihydropyrimidinase				2.93	3.21	0.00
A_51_P425010	NM_146702.1	258697	Olfr1444; olfactory receptor 1444				3.08	3.21	0.00
A_51_P253883	AK048902	76820	"D12Ert553e; DNA segment, Chr 12, ERATO Doi 553, expressed"				2.19	3.20	0.00
A_51_P290191	NM_008243	15235	Mst1; macrophage stimulating 1 (hepatocyte growth factor-like)				2.95	3.19	0.00
A_51_P180904	D50060	18553	Pace4; paired basic amino acid cleaving system 4				3.59	3.13	0.00
A_51_P309208	AK005186						2.30	3.13	0.00
A_51_P366132	AF248056						3.02	3.13	0.00
A_51_P418526	NM_027324	14057	Sfxn1; sideroflexin 1				3.04	3.12	0.00
A_51_P204795	BC011066	67236	2810452K22Rik; RIKEN cDNA 2810452K22 gene				3.07	3.11	0.00
A_51_P102790	NM_007574	12262	"C1qg; complement component 1, q subcomponent, gamma polypeptide"				2.60	3.07	0.00
A_51_P364250	AK087428	209378	Itih5; inter-alpha (globulin) inhibitor H5				3.42	3.06	0.00
A_51_P204160	AK028653	233826	BC066140; cDNA sequence BC066140				3.35	3.05	0.00
A_51_P394474	NM_008806	18587	"Pde6b; phosphodiesterase 6B, cGMP, rod receptor, beta polypeptide"				2.92	3.05	0.00
A_51_P247928	NM_053155	94040	Clmn; calmin				2.45	3.03	0.00
A_51_P192474	NM_134054	104725	1110002B05Rik; RIKEN cDNA 1110002B05 gene				2.83	3.01	0.00
A_51_P315964	NM_008050						3.02	3.01	0.00
A_51_P500356	AK007086	74286	1700095K08Rik; RIKEN cDNA 1700095K08 gene				2.57	3.01	0.00

A_51_P228732	NM_011368	20416	Shc1; src homology 2 domain-containing transforming protein C1				3.02	3.00	0.00
A_51_P470715	NM_009895	12700	Cish; cytokine inducible SH2-containing protein				2.18	2.98	0.00
A_51_P196718	BI729923	52867	"D11Bwg1392e; DNA segment, Chr 11, Brigham & Women's Genetics 1392 expressed"				3.50	2.95	0.00
A_51_P203277	NM_134230.1	171264	"V1re11; vomeronasal 1 receptor, E11"				2.95	2.95	0.00
A_51_P223412	NM_015733	12371	Casp9; caspase 9				3.55	2.94	0.00
A_51_P441736	NM_007514	11988	"Slc7a2; solute carrier family 7 (cationic amino acid transporter, y+ system), member 2"				2.66	2.94	0.00
A_51_P287496	AK031294	236193	BC021921; cDNA sequence BC021921				3.19	2.93	0.00
A_51_P459787	AK048518	277396	C130068N17Rik; RIKEN cDNA C130068N17 gene				3.00	2.93	0.00
A_51_P221938	BI737551.1	208647	Creb3l2; cAMP responsive element binding protein 3-like 2				2.45	2.91	0.00
A_51_P195930	NM_009313	21336	Tacr1; tachykinin receptor 1				2.12	2.89	0.00
A_51_P411842	NG_002071.1						1.78	2.87	0.00
A_51_P155972	AK045596	66864	1200003C23Rik; RIKEN cDNA 1200003C23 gene				2.98	2.83	0.00
A_51_P202292	NM_008358	16169	"Il15ra; interleukin 15 receptor, alpha chain"				2.54	2.83	0.00
A_51_P354307	AK077599	209195	Clic6; chloride intracellular channel 6				2.48	2.83	0.00
A_51_P478593	NM_008678	17978	Ncoa2; nuclear receptor coactivator 2				3.20	2.82	0.00
A_51_P274006	AK082931	242960	Fbxl5; F-box and leucine-rich repeat protein 5				2.98	2.79	0.00
A_51_P272363	NM_134160	171166	Mcoln3; mucolipin 3				2.61	2.78	0.00
A_51_P295389	BC019714	100910	2010209O12Rik; RIKEN cDNA 2010209O12 gene				2.94	2.78	0.00
A_51_P506899	AK087732	73442	Hspa12a; heat shock 70kDa protein 12A				3.45	2.78	0.00
A_51_P508956	NM_053244	114229	Gpr54; G protein-coupled receptor 54				3.20	2.77	0.00
A_51_P391754	NM_009230	20652	Soat1; sterol O-acyltransferase 1				3.01	2.75	0.00
A_51_P498205	NM_008402	16410	Itgav; integrin alpha V				3.50	2.74	0.00

A_51_P121485	ENSMUST00000055068						2.95	2.73	0.00
A_51_P187748	AK008501	214854	LincR; lung-inducible neuralized-related C3HC4 RING domain protein				3.24	2.72	0.00
A_51_P381209	NM_013609	18049	"Ngfb; nerve growth factor, beta"				3.00	2.72	0.00
A_51_P168016	NM_019949	56791	Ube2l6; ubiquitin-conjugating enzyme E2L6				2.83	2.69	0.00
A_51_P131653	AK006195	76927	1700021C14Rik; RIKEN cDNA 1700021C14 gene				2.64	2.66	0.00
A_51_P389636	NM_008433	16534	"Kcnn4; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4"				2.85	2.64	0.00
A_51_P483690	NM_019627						2.75	2.64	0.00
A_51_P149531	NM_146890.1						2.73	2.62	0.00
A_51_P204442	NM_028716	74016	Phf19; PHD finger protein 19				2.83	2.62	0.00
A_51_P227742	NG_002041.1						3.32	2.61	0.00
A_51_P335969	L22550	13346	Des; desmin				2.93	2.61	0.00
A_51_P479698	BC027556	227627	BC027556; cDNA sequence BC027556				2.79	2.60	0.00
A_51_P503407	NM_146298.1						2.71	2.60	0.00
A_51_P201971	AK030904	67956	2410195B05Rik; RIKEN cDNA 2410195B05 gene				2.61	2.58	0.00
A_51_P252565	NM_009660	11687	Alox15; arachidonate 15-lipoxygenase				2.45	2.57	0.00
A_51_P280055	NG_001692.1						2.55	2.57	0.00
A_51_P484880	NM_009754	12125	Bcl2l11; BCL2-like 11 (apoptosis facilitator)				2.84	2.57	0.00
A_51_P271012	AK015350	75500	1700010H22Rik; RIKEN cDNA 1700010H22 gene				2.76	2.56	0.00
A_51_P155196	AK042322	99382	AW539457; expressed sequence AW539457				2.53	2.55	0.00
A_51_P339843	NM_008571	17225	Mcpt2; mast cell protease 2				3.18	2.55	0.00
A_51_P424438	NG_002009.1						2.71	2.55	0.00
A_51_P126275	NM_010669	16688	"Krt2-6b; keratin complex 2, basic, gene 6b"				2.23	2.54	0.00
A_51_P243294	BQ920291	380912	Zfp395; zinc finger protein 395				1.99	2.54	0.00

A_51_P122321	NM_133775	77125	9230117N10Rik; RIKEN cDNA 9230117N10 gene				2.09	2.52	0.00
A_51_P166990	AK052451	231991	Creb5; cAMP responsive element binding protein 5				2.29	2.52	0.00
A_51_P191100	AK017008	436455	LOC436455; similar to Rhabdoid tumor deletion region protein 1				2.68	2.52	0.00
A_51_P332628	NM_016776	18432	Mybbp1a; MYB binding protein (P160) 1a				2.60	2.52	0.00
A_51_P427412	NM_147035.1	259037	Olfr711; olfactory receptor 711				1.95	2.52	0.00
A_51_P448741	NM_009425	22035	"Tnfsf10; tumor necrosis factor (ligand) superfamily, member 10"				2.64	2.52	0.00
A_51_P236846	NM_010171	14066	F3; coagulation factor III				2.37	2.51	0.00
A_51_P345248	NM_053196	94279	Sfxn2; sideroflexin 2				2.97	2.50	0.00
A_51_P413853	AK046065	234076	B230339H12Rik; RIKEN cDNA B230339H12 gene				2.13	2.50	0.00
A_51_P518621	AK006742	360198	"Hist1h3a; histone 1, H3a"				2.57	2.49	0.00
A_51_P142153	AK019472	78749	4631422O05Rik; RIKEN cDNA 4631422O05 gene				2.05	2.48	0.00
A_51_P272563	AK049325	231713	C330023M02Rik; RIKEN cDNA C330023M02 gene				3.07	2.48	0.00
A_51_P416689	NM_010162	14042	Ext1; exostoses (multiple) 1				2.89	2.46	0.00
A_51_P136742	NM_008364	16180	Il1rap; interleukin 1 receptor accessory protein				2.63	2.45	0.00
A_51_P145404	NM_009446	22144	"Tuba3; tubulin, alpha 3"				2.76	2.44	0.00
A_51_P156253	NM_010167	14051	Eya4; eyes absent 4 homolog (Drosophila)				2.24	2.44	0.00
A_51_P380633	AK015455	74688	4930453L07Rik; RIKEN cDNA 4930453L07 gene				2.90	2.44	0.00
A_51_P420774	AK033160	238386	Btbd7; BTB (POZ) domain containing 7				1.94	2.44	0.00
A_51_P106169	NM_011829	23917	Impdh1; inosine 5'-phosphate dehydrogenase 1				2.58	2.43	0.00
A_51_P413866	NM_008198	14962	"H2-Bf; histocompatibility 2, complement component factor B"				2.72	2.43	0.00
A_51_P478610	NM_133346	72323	Asb6; ankyrin repeat and SOCS box- containing protein 6				2.03	2.43	0.00
A_51_P174591	NM_012021	54683	Prdx5; peroxiredoxin 5				2.32	2.42	0.00

A_51_P352875	NM_010696	16822	Lcp2; lymphocyte cytosolic protein 2				2.72	2.42	0.00
A_51_P196213	NM_147105.1						2.43	2.41	0.00
A_51_P450682	AK006802	73407	1700055M20Rik; RIKEN cDNA 1700055M20 gene				2.98	2.41	0.00
A_51_P214786	NM_053079	56643	"Slc15a1; solute carrier family 15 (oligopeptide transporter), member 1"				2.83	2.40	0.00
A_51_P402416	NM_025504	66349	2310004L02Rik; RIKEN cDNA 2310004L02 gene				2.59	2.40	0.00
A_51_P415126	NM_031199	21802	Tgfa; transforming growth factor alpha				2.30	2.40	0.00
A_51_P361613	BC016434	16658	"Mafk; v-maf musculoaponeurotic fibrosarcoma oncogene family, protein B (avian)"				2.52	2.39	0.00
A_51_P286496	NM_008368	16185	"Il2rb; interleukin 2 receptor, beta chain"				2.10	2.38	0.00
A_51_P436717	NM_011431	20624	Snrp116; U5 small nuclear ribonucleoprotein				2.05	2.38	0.00
A_51_P124315	AK083701	227712	BC034076; cDNA sequence BC034076				2.95	2.37	0.00
A_51_P154586	NM_134223.1						2.37	2.37	0.00
A_51_P107302	NM_007616	12389	"Cav1; caveolin, caveolae protein 1"				2.44	2.36	0.00
A_51_P247963	AK005878	69299	Asb9; ankyrin repeat and SOCS box- containing protein 9				2.67	2.36	0.00
A_51_P255016	BC028649	20684	Sp100; nuclear antigen Sp100				2.87	2.36	0.00
A_51_P219527	NM_025308	53906	1810007E14Rik; RIKEN cDNA 1810007E14 gene				2.93	2.35	0.00
A_51_P356582	NM_147031.1						3.11	2.35	0.00
A_51_P370341	NM_133879	100090	Hkr3; GLI-Kruppel family member HKR3				2.46	2.35	0.00
A_51_P455326	NM_011345	20339	"Sele; selectin, endothelial cell"				2.21	2.35	0.00
A_51_P275174	AK046510	269610	Chd5; chromodomain helicase DNA binding protein 5				2.52	2.34	0.00
A_51_P362009	NM_025852	66932	Tceb3bp1; transcription elongation factor B polypeptide 3 binding protein 1				2.53	2.34	0.00
A_51_P362828	BU612245.1	79361	Stx1b1; syntaxin 1B1				2.58	2.33	0.00
A_51_P405668	BY507687	69104	Rnf153; ring finger protein 153				2.41	2.33	0.00

A_51_P259459	NM_010908	18036	"Nfkbib; nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, beta"				2.12	2.32	0.00
A_51_P301804	NM_009177	20442	"Siat4a; sialyltransferase 4A (beta-galactoside alpha-2,3-sialyltransferase)"				2.56	2.32	0.00
A_51_P344308	NM_008071	14402	"Gabrb3; gamma-aminobutyric acid (GABA-A) receptor, subunit beta 3"				2.60	2.32	0.00
A_51_P380991	NM_027563	16672	"Krt1-4; keratin complex 1, acidic, gene 4"				2.49	2.32	0.00
A_51_P169908	AK037442	67138	Herc5; hect domain and RLD 5				2.76	2.31	0.00
A_51_P444795	BU605312.1						2.63	2.31	0.00
A_51_P124886	BC010841	320811	9430034N14Rik; RIKEN cDNA 9430034N14 gene				2.31	2.30	0.00
A_51_P188111	NM_007945	13860	Eps8; epidermal growth factor receptor pathway substrate 8				2.43	2.30	0.00
A_51_P225761	AK031537	214290	"Zcchc6; zinc finger, CCHC domain containing 6"				2.33	2.30	0.00
A_51_P127681	NM_013885	29876	Clic4; chloride intracellular channel 4 (mitochondrial)				2.92	2.29	0.00
A_51_P262366	BF721230						2.30	2.29	0.00
A_51_P236480	NM_172338.1	214063	4732437J24Rik; RIKEN cDNA 4732437J24 gene				2.02	2.28	0.00
A_51_P267159	AK035942	19671	Rce1; Ras and a-factor-converting enzyme 1 homolog (S. cerevisiae)				2.81	2.28	0.00
A_51_P316981	NM_018886	56048	"Lgals8; lectin, galactose binding, soluble 8"				2.37	2.28	0.00
A_51_P244820	AK037350	384309	Trim56; tripartite motif-containing 56				2.65	2.27	0.00
A_51_P375660	NG_001825.1						1.85	2.27	0.00
A_51_P242634	NM_130447	70686	Dusp16; dual specificity phosphatase 16				2.40	2.26	0.00
A_51_P354062	NM_011197	19221	Ptgfrn; prostaglandin F2 receptor negative regulator				2.33	2.26	0.00
A_51_P118605	NM_009868	12562	Cdh5; cadherin 5				2.38	2.25	0.00
A_51_P438479	BC003243	226442	Zfp281; zinc finger protein 281				2.16	2.25	0.00
A_51_P474187	NM_028835	74244	Apg7l; autophagy 7-like (S. cerevisiae)				2.53	2.25	0.00
A_51_P361184	NM_026612	68198	"Ndufb2; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2"				2.26	2.24	0.00
A_51_P119932	AK052502						2.45	2.23	0.00

A_51_P120008	AK033628	72404	Wdr44; WD repeat domain 44				1.57	2.23	0.06
A_51_P305320	AK050347	108902	"B3gnt6; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6"				2.22	2.23	0.00
A_51_P379905	NM_009651	11643	Akap4; A kinase (PRKA) anchor protein 4				2.27	2.23	0.00
A_51_P183439	BC031163	97130	C77080; expressed sequence C77080				1.96	2.21	0.00
A_51_P344407	NM_013543	14979	H2-Ke6; H2-K region expressed gene 6				2.05	2.21	0.00
A_51_P407371	AF020338						2.68	2.21	0.00
A_51_P157185	AK034663	225152	9430022F06Rik; RIKEN cDNA 9430022F06 gene				2.49	2.20	0.00
A_51_P241995	NM_016919	53867	"Col5a3; procollagen, type V, alpha 3"				2.22	2.20	0.00
A_51_P370073	AK052881						2.47	2.20	0.00
A_51_P472867	AB067534	246727	Oas3; 2'-5' oligoadenylate synthetase 3				1.83	2.20	0.00
A_51_P434497	BC020149	69185	1810033A06Rik; RIKEN cDNA 1810033A06 gene				2.11	2.19	0.00
A_51_P160393	NM_028523	73379	"Dcbld2; discoidin, CUB and LCCL domain containing 2"				2.02	2.18	0.00
A_51_P186798	AK076764	14173	Fgf2; fibroblast growth factor 2				2.72	2.18	0.00
A_51_P392560	NG_001806.1						2.34	2.18	0.00
A_51_P519646	AK048201	194401	Mical3; flavoprotein oxidoreductase MICAL3				2.26	2.18	0.00
A_51_P251184	NM_009100	20129	Rptn; repetin				2.32	2.17	0.00
A_51_P363218	NM_030150	80861	"D11Lgp2e; DNA segment, Chr 11, Lothar Hennighausen 2, expressed"				2.46	2.17	0.00
A_51_P432229	NM_029472	75886	4930583C14Rik; RIKEN cDNA 4930583C14 gene				2.25	2.17	0.00
A_51_P193146	NM_028595	73656	"Ms4a6c; membrane-spanning 4-domains, subfamily A, member 6C"				1.97	2.16	0.00
A_51_P189773	U70139	12457	Ccrn4l; CCR4 carbon catabolite repression 4-like (S. cerevisiae)				1.99	2.15	0.00
A_51_P269721	NM_027778						2.57	2.15	0.00
A_51_P366513	NM_011864	23972	Papss2; 3'-phosphoadenosine 5'-phosphosulfate synthase 2				2.55	2.15	0.00
A_51_P516526	AK041804	116873	Stim2; stromal interaction molecule 2				1.85	2.15	0.00
A_51_P354961	AK017568	11735	"Ank3; ankyrin 3, epithelial"				1.14	2.13	0.45
A_51_P162207	NM_011627	21983	Tpbp; trophoblast glycoprotein				2.47	2.12	0.00

A_51_P222013	AK036528	213391	Rassf4; Ras association (RalGDS/AF-6) domain family 4				2.20	2.11	0.00
A_51_P483324	NM_008979	19260	"Ptpn8; protein tyrosine phosphatase, non-receptor type 8"				2.22	2.11	0.00
A_51_P300434	AK051626	13518	Dst; dystonin				2.53	2.10	0.00
A_51_P354262	NM_009256	20723	"Serpib9; serine (or cysteine) proteinase inhibitor, clade B, member 9"				2.33	2.10	0.00
A_51_P376577	AW545867	208650	Cblb; Casitas B-lineage lymphoma b				1.29	2.10	0.25
A_51_P473086	NM_009325	21390	Tbxa2r; thromboxane A2 receptor				2.38	2.10	0.00
A_51_P483231	NM_008413	16452	Jak2; Janus kinase 2				2.49	2.10	0.00
A_51_P241551	BF168098	207615	Wdr37; WD repeat domain 37				2.62	2.09	0.00
A_51_P255764	NM_026424.2	67876	1500041J02Rik; RIKEN cDNA 1500041J02 gene				2.62	2.09	0.00
A_51_P358416	NM_053193	94230	Cpsf1; cleavage and polyadenylation specific factor 1				2.31	2.09	0.00
A_51_P450952	AK029271	66180	1110036O03Rik; RIKEN cDNA 1110036O03 gene				2.39	2.07	0.00
A_51_P462751	M79314	215449	Rap1b; RAS related protein 1b				2.62	2.07	0.00
A_51_P468329	NM_011187	19177	"Psmb7; proteasome (prosome, macropain) subunit, beta type 7"				2.07	2.07	0.00
A_51_P504237	NM_023220	66552	2010106G01Rik; RIKEN cDNA 2010106G01 gene				2.39	2.07	0.00
A_51_P202633	NM_015766	50498	Ebi3; Epstein-Barr virus induced gene 3				1.94	2.06	0.00
A_51_P207919	AV134815	66235	"Eif1ay; eukaryotic translation initiation factor 1A, Y-linked"				2.21	2.06	0.00
A_51_P274789	NM_030690	75646	Rai14; retinoic acid induced 14				2.29	2.06	0.00
A_51_P514982	NM_013674	16364	Irf4; interferon regulatory factor 4				2.20	2.06	0.00
A_51_P284891	NM_011373	20448	"Siat7d; sialyltransferase 7 ((alpha-N-acetylneuraminyl 2,3-betagalactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) D"				2.22	2.05	0.00
A_51_P381584	NM_021433	58244	Stx6; syntaxin 6				2.08	2.04	0.00
A_51_P469048	AK044667	213006	A930031D07Rik; RIKEN cDNA A930031D07 gene				2.11	2.04	0.00

A_51_P146837	AK044171	242443	"Grin3a; glutamate receptor ionotropic, NMDA3A"				1.59	2.03	0.06
A_51_P247799	BC006737	12370	Casp8; caspase 8				2.29	2.03	0.00
A_51_P335702	NM_029070	74720	4930511J11Rik; RIKEN cDNA 4930511J11 gene				2.40	2.03	0.00
A_51_P390917	NM_009465	26362	Axl; AXL receptor tyrosine kinase				2.02	2.03	0.00
A_51_P283037	BC027695	244895	C230081A13Rik; RIKEN cDNA C230081A13 gene				1.80	2.02	0.00
A_51_P398342	AK015685	75015	4930503B20Rik; RIKEN cDNA 4930503B20 gene				1.90	2.02	0.00
A_51_P520936	NM_013867	29815	Bcar3; breast cancer anti-estrogen resistance 3				2.32	2.02	0.00
A_51_P205155	NM_147013.1	259015	Olfr1038; olfactory receptor 1038				2.06	2.01	0.00
A_51_P207237	AK029748	16678	"Krt2-1; keratin complex 2, basic, gene 1"				2.18	2.01	0.00
A_51_P430014	AK032547	19204	Ptafr; platelet-activating factor receptor				1.69	2.01	0.00
A_51_P452625	NM_019911	56720	"Tdo2; tryptophan 2,3-dioxygenase"				2.37	2.01	0.00
A_51_P125629	AK014569	71729	Rgs12; regulator of G-protein signaling 12				2.29	2.00	0.00
A_51_P432199	NM_021788	60406	Sap30; sin3 associated polypeptide				2.16	2.00	0.00
A_51_P485990	AK030341	20776	Tmie; transmembrane inner ear				2.38	2.00	0.00
A_51_P226834	AK017887	74735	Trim14; tripartite motif-containing 14				1.44	1.99	0.05
A_51_P267303	BC011429	75608	2010012F05Rik; RIKEN cDNA 2010012F05 gene				2.29	1.99	0.00
A_51_P325318	AK075863	230779	Tde2l; tumor differentially expressed 2-like				1.75	1.99	0.00
A_51_P354706	NM_010094	13590	Lefty1; left right determination factor 1				2.07	1.99	0.00
A_51_P406165	NM_030069	78252	4432416J03Rik; RIKEN cDNA 4432416J03 gene				1.68	1.99	0.00
A_51_P409694	NM_019976	56742	5430413I02Rik; RIKEN cDNA 5430413I02 gene				1.85	1.99	0.00
A_51_P516955	AI836376	100737	AI836376; expressed sequence AI836376				1.32	1.99	0.22
A_51_P521161	NM_007596	12328	Caml; calcium modulating ligand				2.21	1.99	0.00
A_51_P157994	NM_023118	13132	Dab2; disabled homolog 2 (Drosophila)				2.40	1.98	0.00
A_51_P177744	AK004770	78781	"Zc3hav1; zinc finger CCCH type, antiviral 1"				2.13	1.98	0.00

A_51_P269356	NM_146282.1						2.04	1.98	0.00
A_51_P312328	NM_022415	64292	Ptges; prostaglandin E synthase				2.13	1.98	0.00
A_51_P371001	BC010814	229302	Tm4sf4; transmembrane 4 superfamily member 4				1.94	1.98	0.00
A_51_P414548	NM_007611	12369	Casp7; caspase 7				1.07	1.98	0.78
A_51_P453826	NM_146967.1	258969	Olfr1226; olfactory receptor 1226				1.98	1.98	0.00
A_51_P168768	AI481735	269881	Map3k10; mitogen activated protein kinase kinase kinase 10				2.03	1.97	0.00
A_51_P257065	NM_018786	54614	2610317D23Rik; RIKEN cDNA 2610317D23 gene				2.34	1.97	0.00
A_51_P426214	NM_009271	20779	Src; Rous sarcoma oncogene				1.91	1.97	0.00
A_51_P488411	NM_022028	64010	Sav1; salvador homolog 1 (Drosophila)				1.95	1.97	0.00
A_51_P350155	NM_010531	16068	Il18bp; interleukin 18 binding protein				1.65	1.96	0.00
A_51_P218682	AK087319	75860	4930588N13Rik; RIKEN cDNA 4930588N13 gene				1.79	1.95	0.00
A_51_P312885	NM_027898	52857	"D7Bwg0611e; DNA segment, Chr 7, Brigham & Women's Genetics 0611 expressed"				1.21	1.95	0.33
A_51_P336070	AK053515	235435	Lctl; lactase-like				2.09	1.95	0.00
A_51_P462798	AK009861	71918	2310047A01Rik; RIKEN cDNA 2310047A01 gene				2.08	1.95	0.00
A_51_P509083	NM_010214	14202	Fhl4; four and a half LIM domains 4				1.82	1.95	0.00
A_51_P171872	NM_025341	66082	Abhd6; abhydrolase domain containing 6				-2.02	0.51	0.00
A_51_P190740	NM_007421	11565	Adssl1; adenylosuccinate synthetase like 1				-2.19	0.51	0.00
A_51_P253117	NM_009166	20411	Sorbs1; sorbin and SH3 domain containing 1				-2.21	0.51	0.00
A_51_P261428	NM_011050	18569	Pdcd4; programmed cell death 4				-1.84	0.51	0.06
A_51_P268331	NM_023270	66889	Rnf128; ring finger protein 128				-2.10	0.51	0.00
A_51_P286460	AK028026	319166	"Hist1h2ae; histone 1, H2ae"				-1.59	0.51	0.10
A_51_P306446	AK033001	211378	6720489N17Rik; RIKEN cDNA 6720489N17 gene				-2.16	0.51	0.00
A_51_P351923	NM_020591	80515	A030009H04Rik; RIKEN cDNA A030009H04 gene				-1.94	0.51	0.00

A_51_P399433	ENSMUST00000022067						-2.17	0.51	0.00
A_51_P416509	NM_030609.1						-2.01	0.51	0.00
A_51_P469285	NM_008737	18186	Nrp1; neuropilin 1				-2.01	0.51	0.00
A_51_P482071	NM_175654.1	319156	"Hist1h4d; histone 1, H4d"				-2.11	0.51	0.00
A_51_P504582	BC026789	69742	2410018G23Rik; RIKEN cDNA 2410018G23 gene				-2.04	0.51	0.00
A_51_P182359	BY089283	319178	"Hist1h2bb; histone 1, H2bb"				-1.85	0.50	0.06
A_51_P266668	AK031525	109154	2410014A08Rik; RIKEN cDNA 2410014A08 gene				-2.28	0.50	0.00
A_51_P319843	AK020445						-1.75	0.50	0.06
A_51_P407647	NM_029436.2	75785	4930429H24Rik; RIKEN cDNA 4930429H24 gene				-2.38	0.50	0.00
A_51_P473888	AK017211	16195	Il6st; interleukin 6 signal transducer				-2.46	0.50	0.00
A_51_P502957	NM_011505	20913	Stxbp4; syntaxin binding protein 4				-2.04	0.50	0.00
A_51_P513682	NM_023284	66977	Cdca1; cell division cycle associated 1				-2.47	0.50	0.00
A_51_P137111	NM_016681	50883	Chek2; CHK2 checkpoint homolog (S. pombe)				-2.17	0.49	0.00
A_51_P138923	NM_013788	27412	Peg12; paternally expressed 12				-2.22	0.49	0.00
A_51_P151628	NM_030717	80907	"Lactb; lactamase, beta"				-2.27	0.49	0.00
A_51_P194695	BC024991	109270	Arhgap8; Rho GTPase activating protein 8				-1.75	0.49	0.06
A_51_P208511	NM_009924	12802	Cnr2; cannabinoid receptor 2 (macrophage)				-2.44	0.49	0.00
A_51_P237512	NM_025377	66140	1110001A07Rik; RIKEN cDNA 1110001A07 gene				-1.71	0.49	0.05
A_51_P238244	AK078154	105220	AI841971; expressed sequence AI841971				-2.01	0.49	0.00
A_51_P286748	NM_011356	20378	Frzb; frizzled-related protein				-2.04	0.49	0.00
A_51_P352339	AK015324	73975	4930435H24Rik; RIKEN cDNA 4930435H24 gene				-2.49	0.49	0.00
A_51_P174415	AK034667	227298	BC038286; cDNA sequence BC038286				-2.74	0.48	0.00
A_51_P270894	NM_009561	22719	Zfp61; zinc finger protein 61				-2.23	0.48	0.00
A_51_P296773	NM_130883	170717	AF119384; cDNA sequence AF119384				-2.22	0.48	0.00

A_51_P302222	NM_026174	67464	Entpd4; ectonucleoside triphosphate diphosphohydrolase 4				-1.94	0.48	0.00
A_51_P328489	BC034723	69399	1700025G04Rik; RIKEN cDNA 1700025G04 gene				-2.57	0.48	0.00
A_51_P352738	NM_033564	93734	"Mpv17l; Mpv17 transgene, kidney disease mutant-like"				-2.17	0.48	0.00
A_51_P391380	AK046403	235461	B230380D07Rik; RIKEN cDNA B230380D07 gene				-2.17	0.48	0.00
A_51_P422625	AK050053	219144	Arl11; ADP-ribosylation factor-like 11				-2.33	0.48	0.00
A_51_P489560	AK043956	229776	Cdc14a; CDC14 cell division cycle 14 homolog A (<i>S. cerevisiae</i>)				-1.88	0.48	0.00
A_51_P127590	BC026728						-2.19	0.47	0.00
A_51_P129464	NM_009128	20250	Scd2; stearyl-Coenzyme A desaturase 2				-1.79	0.47	0.06
A_51_P161131	AK050906	382713	LOC382713; similar to RIKEN cDNA 6030426L16				-2.47	0.47	0.00
A_51_P197763	AK042448	68549	Sgol2; shugoshin-like 2 (<i>S. pombe</i>)				-2.57	0.47	0.00
A_51_P233267	AK017735	70604	5730496F10Rik; RIKEN cDNA 5730496F10 gene				-2.46	0.47	0.00
A_51_P240269	AK039695	245622	BC031748; cDNA sequence BC031748				-2.15	0.47	0.00
A_51_P324045	BB277657	98732	1110059F07Rik; RIKEN cDNA 1110059F07 gene				-2.66	0.47	0.00
A_51_P352180	NM_138956	192678	Rassf3; Ras association (RalGDS/AF-6) domain family 3				-2.25	0.47	0.00
A_51_P452875	NM_025457	66268	1810008A14Rik; RIKEN cDNA 1810008A14 gene				-2.52	0.47	0.00
A_51_P496057	NM_080855	142682	"Zcchc14; zinc finger, CCHC domain containing 14"				-2.59	0.47	0.00
A_51_P149013	AK049032	98952	C230093N12Rik; RIKEN cDNA C230093N12 gene				-2.02	0.46	0.00
A_51_P195034	AK010391	71988	2410004I17Rik; RIKEN cDNA 2410004I17 gene				-2.51	0.46	0.00
A_51_P220314	BC006933	217946	BC006933; cDNA sequence BC006933				-2.81	0.46	0.00
A_51_P260478	AK035838	71795	"Pitpnc1; phosphatidylinositol transfer protein, cytoplasmic 1"				-1.73	0.46	0.06
A_51_P459679	NM_007978	14070	F8a; factor 8-associated gene A				-2.59	0.46	0.00

A_51_P493627	AK089175	67016	1810061M12Rik; RIKEN cDNA 1810061M12 gene				-2.44	0.46	0.00
A_51_P111049	AK082330	235527	Plscr4; phospholipid scramblase 4				-2.34	0.45	0.00
A_51_P119670	NM_010265	14537	"Gcnt1; glucosaminyl (N-acetyl) transferase 1, core 2"				-2.42	0.45	0.00
A_51_P158210	NM_008564	17216	Mcm2; minichromosome maintenance deficient 2 mitotin (S. cerevisiae)				-1.86	0.45	0.06
A_51_P325124	AK049828	208117	4632417K02; hypothetical protein 4632417K02				-2.67	0.45	0.00
A_51_P337065	AK086050	319518	4930402E16Rik; RIKEN cDNA 4930402E16 gene				-2.45	0.45	0.00
A_51_P369862	AK045363	320024	B230106I24Rik; RIKEN cDNA B230106I24 gene				-2.27	0.45	0.00
A_51_P370315	NM_011937	26384	Gnpda1; glucosamine-6-phosphate deaminase 1				-2.34	0.45	0.00
A_51_P380271	BQ900601	69167	"Ppp1r12b; protein phosphatase 1, regulatory (inhibitor) subunit 12B"				-2.30	0.45	0.00
A_51_P171149	NM_007872	13435	Dnmt3a; DNA methyltransferase 3A				-2.73	0.44	0.00
A_51_P190425	BC025182	327762	Dna2l; DNA2 DNA replication helicase 2- like (yeast)				-2.54	0.44	0.00
A_51_P367416	AK052638	213056	BC049806; cDNA sequence BC049806				-2.35	0.44	0.00
A_51_P408569	NM_009127	20249	Scd1; stearyl-Coenzyme A desaturase 1				-2.62	0.44	0.00
A_51_P410918	AK043559	227612	A830007P12Rik; RIKEN cDNA A830007P12 gene				-2.79	0.44	0.00
A_51_P479818	AK016522	74365	Rnf127; ring finger protein 127				-2.17	0.44	0.00
A_51_P486257	BC029127	214368	BC029127; cDNA sequence BC029127				-2.54	0.44	0.00
A_51_P513059	AK046767	102941	B630019K06Rik; RIKEN cDNA B630019K06 gene				-2.07	0.44	0.00
A_51_P270951	AK020117	56702	"Hist1h1b; histone 1, H1b"				-2.19	0.43	0.00
A_51_P308397	AK006714	319475	4930488P06Rik; RIKEN cDNA 4930488P06 gene				-1.95	0.43	0.00
A_51_P378371	AV154279	22003	"Tpm1; tropomyosin 1, alpha"				-2.78	0.43	0.00
A_51_P389539	AK028147						-1.98	0.43	0.00
A_51_P410949	NM_026190						-2.70	0.43	0.00

A_51_P503797	BC025901	52855	Lair1; leukocyte-associated Ig-like receptor 1				-2.49	0.43	0.00
A_51_P132978	NM_010497	15926	"Idh1; isocitrate dehydrogenase 1 (NADP+), soluble"				-2.55	0.42	0.00
A_51_P179907	BC002232	216190	Dip3b; Dip3 beta				-2.45	0.42	0.00
A_51_P408989	AK018449	67217	2810055F11Rik; RIKEN cDNA 2810055F11 gene				-2.37	0.42	0.00
A_51_P511112	NM_008197	14958	"H1f0; H1 histone family, member 0"				-3.02	0.42	0.00
A_51_P282706	AK088844	15510	Hspd1; heat shock protein 1 (chaperonin)				-1.21	0.41	0.47
A_51_P445765	BQ178455	16975	"Lrp8; low density lipoprotein receptor-related protein 8, apolipoprotein e receptor"				-2.46	0.41	0.00
A_51_P186735	AK031814	230661	Tesk2; testis-specific kinase 2				-2.16	0.40	0.00
A_51_P377760	AF281045	24014	"Rnasel; ribonuclease L (2', 5'-oligoadenylate synthetase-dependent)"				-2.68	0.40	0.00
A_51_P461228	AK054412	76843	2810047L02Rik; RIKEN cDNA 2810047L02 gene				-2.86	0.40	0.00
A_51_P163034	AK033598	108115	"Slco4a1; solute carrier organic anion transporter family, member 4a1"				-2.41	0.39	0.00
A_51_P180140	NM_175663.1						-2.33	0.39	0.00
A_51_P274576	AK053755	232440	E130307C13; hypothetical protein E130307C13				-2.44	0.39	0.00
A_51_P313896	AK013624	68743	"Anln; anillin, actin binding protein (scraps homolog, Drosophila)"				-3.09	0.39	0.00
A_51_P416209	NM_015759	30938	"Fgd3; FYVE, RhoGEF and PH domain containing 3"				-2.85	0.38	0.00
A_51_P462393	NM_010267	14545	Gdap1; ganglioside-induced differentiation-associated-protein 1				-2.75	0.38	0.00
A_51_P464769	AK052326	12316	Calmbp1; calmodulin binding protein 1				-3.04	0.38	0.00
A_51_P302450	AK087506	218454	Lhfp12; lipoma HMGIC fusion partner-like 2				-3.22	0.36	0.00
A_51_P317193	NM_026189	67484	2310005P05Rik; RIKEN cDNA 2310005P05 gene				-2.80	0.36	0.00
A_51_P408430	AK017266	71355	"Col24a1; procollagen, type XXIV, alpha 1"				-2.96	0.35	0.00

A_51_P190671	AK080862	210582	"Gm1; gene model 1, (NCBI)"				-2.99	0.34	0.00
A_51_P424338	NM_008706	18104	"Nqo1; NAD(P)H dehydrogenase, quinone 1"				-3.10	0.34	0.00
A_51_P250583	NM_146042.1	218215	Ibrdc2; IBR domain containing 2				-3.62	0.33	0.00
A_51_P352431	AK035494	347722	"Centg2; centaurin, gamma 2"				-4.05	0.33	0.00
A_51_P100856	X93167	14268	Fn1; fibronectin 1				-1.32	0.31	0.36
A_51_P508029	NM_025823	66881	Pcyox1; prenylcysteine oxidase 1				-3.48	0.31	0.00
A_51_P314285	NM_026436	67893	1810054O13Rik; RIKEN cDNA 1810054O13 gene				-3.34	0.30	0.00
A_51_P409452	NM_008770	18417	Cldn11; claudin 11				-2.95	0.29	0.00
A_51_P112762	NM_017391	53881	"Slc5a3; solute carrier family 5 (inositol transporters), member 3"				-3.81	0.28	0.00
A_51_P415220	NM_009517	22401	Wig1; wild-type p53-induced gene 1				-4.45	0.24	0.00
A_51_P496569	AF144628	20563	Slit2; slit homolog 2 (Drosophila)				-4.44	0.23	0.00
A_51_P253451	NM_009846	12484	Cd24a; CD24a antigen				-4.53	0.21	0.00
A_51_P420726	AK046032	72852	2900024O10Rik; RIKEN cDNA 2900024O10 gene				-5.44	0.21	0.00
A_51_P478952	NM_133898	70229	2410024N18Rik; RIKEN cDNA 2410024N18 gene				-5.60	0.18	0.00

Supplemental table 3. Differentially expressed genes in RAW264.7 macrophages 24 hours post LPS treatment. Differentially expressed genes are defined as those significant at 1% FDR by SAM and with >2 fold up- or down-regulation.

Probe ID	GenBank Accession	Entrez Gene ID	Gene Symbol & Name	Sigma score (d)	Sigma fold	Sigma q value	LIST score (d)	LIST fold	LIST q value
A_51_P254855	NM_011198	19225	Ptgs2; prostaglandin-endoperoxide synthase 2	17.80	168.00	0.00	12.67	41.11	0.00
A_51_P317176	NM_009971	12985	Csf3; colony stimulating factor 3 (granulocyte)	14.98	103.74	0.00	13.02	85.01	0.00
A_51_P212782	BC013644			13.51	67.73	0.00	12.32	40.69	0.00
A_51_P510152	BC020275	16819	Lcn2; lipocalin 2	5.12	60.32	0.00	15.80	57.41	0.00
A_51_P438283	NM_010554	16175	Il1a; interleukin 1 alpha	11.88	34.09	0.00	9.36	7.57	0.00
A_51_P337308	NM_011315	20210	Saa3; serum amyloid A 3	10.23	23.47	0.00	19.38	58.61	0.00
A_51_P436646	NM_013654	20306	Ccl7; chemokine (C-C motif) ligand 7	10.30	20.21	0.00	5.67	3.86	0.00
A_51_P437309	AK078690	231655	Oasl1; 2'-5' oligoadenylate synthetase-like 1	11.36	17.40	0.00	7.20	10.64	0.00
A_51_P505134	NM_021384	58185	Rsad2; radical S-adenosyl methionine domain containing 2	8.48	16.26	0.00	8.99	14.81	0.00
A_51_P217218	NM_031168	16193	Il6; interleukin 6	9.19	15.86	0.00	2.22	2.18	0.02
A_51_P474459	NM_007707	12702	Socs3; suppressor of cytokine signaling 3	9.97	13.82	0.00	2.80	2.96	0.00
A_51_P485312	NM_013653	20304	Ccl5; chemokine (C-C motif) ligand 5	6.89	13.42	0.00	7.41	6.68	0.00
A_51_P123630	L38281	16365	Irg1; immunoresponsive gene 1	5.34	13.35	0.00	3.52	3.31	0.00
A_51_P401907	AK089257	433016	LOC433016; similar to RIKEN cDNA 2010005H15	7.05	12.33	0.00	1.38	1.59	0.15
A_51_P217463	NM_009140	20310	Cxcl2; chemokine (C-X-C motif) ligand 2	2.60	11.73	0.00	9.25	14.57	0.00
A_51_P382152	NM_011171	19124	"Procr; protein C receptor, endothelial"	8.47	10.59	0.00	7.73	7.06	0.00
A_51_P385099	NM_013693	21926	Tnf; tumor necrosis factor	8.08	10.01	0.00	7.41	5.09	0.00
A_51_P280323	AK030135	75345	Slamf7; SLAM family member 7	6.93	9.48	0.00	5.25	3.84	0.00

A_51_P259927	NM_023044	65221	"Slc15a3; solute carrier family 15, member 3"	8.45	9.24	0.00	5.94	5.59	0.00
A_51_P286737	NM_011333	20296	Ccl2; chemokine (C-C motif) ligand 2	7.11	9.04	0.00	3.89	4.15	0.00
A_51_P256827	NM_013650	20201	S100a8; S100 calcium binding protein A8 (calgranulin A)	6.84	9.01	0.00	5.11	17.41	0.00
A_51_P101149	NM_011111	18788	"Serpib2; serine (or cysteine) proteinase inhibitor, clade B, member 2"	3.36	8.20	0.00	2.67	3.84	0.00
A_51_P158538	NM_011756	22695	Zfp36; zinc finger protein 36	7.99	7.85	0.00	7.75	5.90	0.00
A_51_P514776	NM_009771	12234	Btrc; beta-transducin repeat containing protein	7.74	7.76	0.00	8.19	4.64	0.00
A_51_P387591	NM_030612	80859	"Nfkbiz; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta"	7.15	7.58	0.00	5.56	3.68	0.00
A_51_P344113	NM_053202	108655	Foxp1; forkhead box P1	7.23	7.49	0.00	3.80	2.98	0.00
A_51_P444216	AK016612	74426	4933402D24Rik; RIKEN cDNA 4933402D24 gene	5.08	7.30	0.00	2.79	5.32	0.00
A_51_P441736	NM_007514	11988	"Slc7a2; solute carrier family 7 (cationic amino acid transporter, y+ system), member 2"	7.67	7.10	0.00	5.80	3.46	0.00
A_51_P195958	NM_009344	21664	"Phlda1; pleckstrin homology-like domain, family A, member 1"	6.43	6.71	0.00	6.09	3.87	0.00
A_51_P483617	NM_029554	76261	0610040J01Rik; RIKEN cDNA 0610040J01 gene	6.31	6.61	0.00	6.26	4.33	0.00
A_51_P151182	NM_008327	26388	Ifi202b; interferon activated gene 202B	6.84	6.51	0.00	4.01	5.51	0.00
A_51_P493085	BI409613	240672	"Gm337; gene model 337, (NCBI)"	7.60	6.33	0.00	8.33	6.02	0.00
A_51_P394635	AK032549	74438	4933402J24Rik; RIKEN cDNA 4933402J24 gene	5.18	6.23	0.00	4.76	12.00	0.00
A_51_P290576	M96163	20620	Plk2; polo-like kinase 2 (Drosophila)	6.07	6.21	0.00	5.64	4.16	0.00
A_51_P500984	NM_008655	17873	Gadd45b; growth arrest and DNA-damage-inducible 45 beta	6.73	6.14	0.00	3.08	3.23	0.00
A_51_P421876	AK079685	54123	Irf7; interferon regulatory factor 7	7.78	6.05	0.00	11.29	13.23	0.00
A_51_P135944	M92418	20862	Stfa2; stefin A2	3.59	5.92	0.00	5.52	3.14	0.00
A_51_P361657	NM_009117	20208	Saa1; serum amyloid A 1	5.59	5.78	0.00	6.80	8.82	0.00
A_51_P304170	NM_023386	67775	5830458K16Rik; RIKEN cDNA 5830458K16 gene	6.67	5.77	0.00	6.69	5.14	0.00

A_51_P520459	NM_010329	14726	Gp38; glycoprotein 38	6.88	5.76	0.00	5.83	4.96	0.00
A_51_P352968	NM_008538	17118	Marcks; myristoylated alanine rich protein kinase C substrate	5.52	5.69	0.00	2.67	3.29	0.00
A_51_P148216	NM_020025	26878	"B3galt2; UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2"	3.70	5.66	0.00	3.61	9.09	0.00
A_51_P382781	NM_007837	13198	Ddit3; DNA-damage inducible transcript 3	5.36	5.63	0.00	6.81	3.99	0.00
A_51_P223412	NM_015733	12371	Casp9; caspase 9	3.88	5.54	0.00	8.12	5.40	0.00
A_51_P494403	AK046736	327959	LOC327959; similar to F-box protein 39	6.49	5.53	0.00	11.42	10.88	0.00
A_51_P400190	NM_020557	22169	Tyki; thymidylate kinase family LPS-inducible member	5.12	5.19	0.00	7.95	9.34	0.00
A_51_P248665	NM_021893	60533	Pdcd1lg1; programmed cell death 1 ligand 1	5.91	5.08	0.00	1.23	1.59	0.21
A_51_P327751	NM_008331	15957	Ifit1; interferon-induced protein with tetratricopeptide repeats 1	4.85	5.06	0.00	7.63	7.92	0.00
A_51_P183815	AF099976	20558	Slfn4; schlafen 4	5.34	5.06	0.00	6.44	6.01	0.00
A_51_P161021	NM_008332	15958	Ifit2; interferon-induced protein with tetratricopeptide repeats 2	4.96	5.06	0.00	8.23	13.79	0.00
A_51_P321158	NM_017372	17105	Lyzs; lysozyme	6.38	4.72	0.00	10.76	8.65	0.00
A_51_P334785	AK080371	236312	AI447904; expressed sequence AI447904	5.26	4.69	0.00	4.80	3.25	0.00
A_51_P448094	NM_153106	242726	"Padi6; peptidyl arginine deiminase, type VI"	5.17	4.69	0.00	7.52	4.29	0.00
A_51_P395098	NM_022310	14828	Hspa5; heat shock 70kD protein 5 (glucose-regulated protein)	5.16	4.69	0.00	3.16	2.42	0.00
A_51_P162272	NM_009524	22418	Wnt5a; wingless-related MMTV integration site 5A	6.09	4.43	0.00	5.02	4.96	0.00
A_51_P197910	AK036495	75111	4930512H18Rik; RIKEN cDNA 4930512H18 gene	6.12	4.32	0.00	5.90	3.68	0.00
A_51_P228765	NM_011409	20557	Slfn3; schlafen 3	4.23	4.27	0.00	5.86	5.98	0.00
A_51_P278282	NM_011610	21938	"Tnfrsf1b; tumor necrosis factor receptor superfamily, member 1b"	5.24	4.26	0.00	8.13	6.45	0.00
A_51_P196718	BI729923	52867	"D11Bwg1392e; DNA segment, Chr 11, Brigham & Women's Genetics 1392 expressed"	3.66	4.23	0.00	2.10	1.57	0.02

A_51_P519251	AK009572	56312	Nupr1; nuclear protein 1	5.39	4.22	0.00	9.01	6.68	0.00
A_51_P173281	NM_008700	18091	"Nkx2-5; NK2 transcription factor related, locus 5 (Drosophila)"	4.51	4.21	0.00	4.80	3.49	0.00
A_51_P164219	NM_011909	24110	Usp18; ubiquitin specific protease 18	5.51	4.16	0.00	8.78	5.82	0.00
A_51_P102096	NM_010849	17869	Myc; myelocytomatosis oncogene	5.58	4.13	0.00	1.01	1.31	0.71
A_51_P195506	NM_007778	12977	Csf1; colony stimulating factor 1 (macrophage)	4.69	4.09	0.00	2.20	1.69	0.02
A_51_P219074	NM_010496	15902	Idb2; inhibitor of DNA binding 2	5.29	3.95	0.00	1.62	1.42	0.07
A_51_P165244	NM_018734	55932	Gbp4; guanylate nucleotide binding protein 4	4.20	3.91	0.00	2.20	1.89	0.02
A_51_P508959	AJ132433	78004	E130201N16Rik; RIKEN cDNA E130201N16 gene	3.91	3.86	0.00	10.27	11.34	0.00
A_51_P370341	NM_133879	100090	Hkr3; GLI-Kruppel family member HKR3	4.03	3.80	0.00	3.81	2.50	0.00
A_51_P207153	BC024615	73737	1110008P14Rik; RIKEN cDNA 1110008P14 gene	4.99	3.72	0.00	2.55	1.83	0.00
A_51_P203955	NM_010260	14469	Gbp2; guanylate nucleotide binding protein 2	5.23	3.68	0.00	6.66	7.28	0.00
A_51_P232889	NM_023324	67245	Peli1; pellino 1	4.86	3.67	0.00	2.07	1.85	0.02
A_51_P156253	NM_010167	14051	Eya4; eyes absent 4 homolog (Drosophila)	2.44	3.66	0.00	4.01	2.43	0.00
A_51_P400160	AK013705	70954	4922502B01Rik; RIKEN cDNA 4922502B01 gene	4.54	3.66	0.00	5.54	4.62	0.00
A_51_P172573	NM_013671	20656	"Sod2; superoxide dismutase 2, mitochondrial"	5.46	3.66	0.00	5.99	3.77	0.00
A_51_P491240	AK011092			4.98	3.53	0.00	8.43	4.84	0.00
A_51_P169693	BC027328	69550	Bst2; bone marrow stromal cell antigen 2	3.72	3.45	0.00	6.99	6.63	0.00
A_51_P280055	NG_001692			2.42	3.45	0.00	4.50	3.88	0.00
A_51_P340078	NM_009397	21929	"Tnfaip3; tumor necrosis factor, alpha-induced protein 3"	4.44	3.41	0.00	5.86	4.65	0.00
A_51_P275454	NM_009099	20128	Trim30; tripartite motif protein 30	2.83	3.39	0.00	3.32	5.68	0.00
A_51_P361348	NG_001761			2.97	3.39	0.00	1.60	1.76	0.08
A_51_P293789	NM_007498	11910	Atf3; activating transcription factor 3	3.89	3.36	0.00	2.69	1.90	0.00
A_51_P290191	NM_008243	15235	Mst1; macrophage stimulating 1 (hepatocyte growth factor-like)	2.33	3.32	0.00	6.06	4.47	0.00
A_51_P375111	NM_007602	12337	Capn5; calpain 5	2.26	3.29	0.00	1.52	1.75	0.09

A_51_P439085	NM_023516	69573	2310016C08Rik; RIKEN cDNA 2310016C08 gene	3.40	3.26	0.00	1.58	1.55	0.08
A_51_P307166	NM_031167	16181	Il1rn; interleukin 1 receptor antagonist	4.44	3.25	0.00	9.47	9.92	0.00
A_51_P140639	AW557995			4.35	3.21	0.00	2.96	1.93	0.00
A_51_P464530	AF033350	18951	Sept5; septin 5	3.72	3.16	0.00	3.18	3.34	0.00
A_51_P423578	NM_011408	20556	Slfn2; schlafen 2	4.22	3.15	0.00	6.17	3.60	0.00
A_51_P461618	NM_133500	171171	Ntng2; netrin G2	4.07	3.13	0.00	1.72	1.43	0.05
A_51_P410219	AK016461	70979	4931417G12Rik; RIKEN cDNA 4931417G12 gene	4.19	3.12	0.00	3.48	2.78	0.00
A_51_P198664	AY042194	235854	"Mrgpra4; MAS-related GPR, member A4"	3.02	3.12	0.00	1.17	1.35	0.27
A_51_P257549	NM_010807	17357	Mlp; MARCKS-like protein	3.48	3.12	0.00	7.68	5.32	0.00
A_51_P175681	AK041647	244193	A630026L20; hypothetical protein A630026L20	4.29	3.11	0.00	3.19	2.12	0.00
A_51_P363657	NM_028800	74178	2310004N11Rik; RIKEN cDNA 2310004N11 gene	3.35	3.10	0.00	4.07	2.53	0.00
A_51_P406638	NM_011258	19687	Recc1; replication factor C 1	1.89	3.08	0.00	4.00	2.29	0.00
A_51_P129502	NM_011990	26570	"Slc7a11; solute carrier family 7 (cationic amino acid transporter, y+ system), member 11"	4.44	3.06	0.00	2.58	1.65	0.00
A_51_P231820	AK047983	75307	4930565N07Rik; RIKEN cDNA 4930565N07 gene	4.10	3.06	0.00	2.18	1.99	0.02
A_51_P359570	NM_010501	15959	Ifit3; interferon-induced protein with tetratricopeptide repeats 3	4.19	3.05	0.00	5.16	4.06	0.00
A_51_P136441	NM_026497	67993	Nudt12; nudix (nucleoside diphosphate linked moiety X)-type motif 12	3.48	3.02	0.00	2.12	2.00	0.02
A_51_P297579	NM_008102	14528	Gch1; GTP cyclohydrolase 1	3.85	3.00	0.00	3.79	2.24	0.00
A_51_P372099	AK036904	245126	9930022N03Rik; RIKEN cDNA 9930022N03 gene	4.08	2.99	0.00	2.57	1.93	0.00
A_51_P432641	NM_021274	15945	Cxcl10; chemokine (C-X-C motif) ligand 10	3.01	2.95	0.00	10.96	17.71	0.00
A_51_P388607	NM_010751	17119	Mad; Max dimerization protein	3.27	2.94	0.00	6.68	4.26	0.00
A_51_P163942	NM_010927	18126	"Nos2; nitric oxide synthase 2, inducible, macrophage"	4.27	2.92	0.00	7.07	3.93	0.00

A_51_P259459	NM_010908	18036	"Nfkbib; nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, beta"	3.85	2.90	0.00	4.42	2.93	0.00
A_51_P367060	NM_013562	15982	Ifrd1; interferon-related developmental regulator 1	3.95	2.90	0.00	2.25	1.82	0.03
A_51_P377620	NM_172648	226695	Ifi205; interferon activated gene 205	4.33	2.89	0.00	8.42	6.42	0.00
A_51_P296764	NM_010186	14129	"Fcgr1; Fc receptor, IgG, high affinity I"	3.51	2.84	0.00	6.87	6.36	0.00
A_51_P420338	AK029018	13512	Dsg3; desmoglein 3	3.77	2.83	0.00	8.30	9.78	0.00
A_51_P258279	NM_010253	14419	Gal; galanin	2.96	2.80	0.00	2.99	2.16	0.00
A_51_P202408	D26157	19222	Ptgir; prostaglandin I receptor (IP)	3.46	2.80	0.00	-2.50	0.47	0.01
A_51_P149714	NM_026835	68774	"Ms4a6d; membrane-spanning 4-domains, subfamily A, member 6D"	4.07	2.79	0.00	1.67	1.92	0.07
A_51_P463846	AK036666	229900	9830147J24Rik; RIKEN cDNA 9830147J24 gene	3.59	2.77	0.00	3.57	2.02	0.00
A_51_P371912	AK049420	239217	Kctd12; potassium channel tetramerisation domain containing 12	3.77	2.76	0.00	2.72	1.80	0.00
A_51_P100327	NM_013683	21354	"Tap1; transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)"	3.77	2.75	0.00	4.45	2.41	0.00
A_51_P124315	AK083701	227712	BC034076; cDNA sequence BC034076	3.31	2.75	0.00	6.73	5.99	0.00
A_51_P242634	NM_130447	70686	Dusp16; dual specificity phosphatase 16	3.43	2.74	0.00	1.32	1.41	0.19
A_51_P153624	AK047356	224224	Impg2; interphotoreceptor matrix proteoglycan 2	3.71	2.74	0.00	9.50	9.53	0.00
A_51_P224592	BC018479	68724	Arl10b; ADP-ribosylation factor-like 10B	2.32	2.74	0.00	-2.93	0.34	0.00
A_51_P115005	NM_010104	13614	Edn1; endothelin 1	3.68	2.73	0.00	2.75	2.20	0.00
A_51_P380541	NM_013911	30843	Fbxl12; F-box and leucine-rich repeat protein 12	3.71	2.72	0.00	3.05	1.81	0.00
A_51_P401935	NM_008764	18383	"Tnfrsf11b; tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)"	1.74	2.70	0.03	3.22	3.27	0.00
A_51_P352068	NM_008849	18736	Pit1; pituitary specific transcription factor 1	1.35	2.70	0.28	1.59	1.71	0.08
A_51_P125629	AK014569	71729	Rgs12; regulator of G-protein signaling 12	2.79	2.70	0.00	3.36	2.15	0.00
A_51_P408340	NM_008329	15951	"Ifi16; interferon, gamma-inducible protein 16"	3.89	2.69	0.00	3.21	2.24	0.00

A_51_P408116	AK081783	215257	"Il1f9; interleukin 1 family, member 9"	3.74	2.68	0.00	2.08	1.51	0.02
A_51_P497295	AK045974	70536	Qpct; glutaminyl-peptide cyclotransferase (glutaminyl cyclase)	1.83	2.68	0.03	1.60	1.82	0.08
A_51_P520198	AK048942	52348	"D8Ert531e; DNA segment, Chr 8, ERATO Doi 531, expressed"	3.09	2.68	0.00	1.05	1.26	0.52
A_51_P298266	NM_025681	66643	Lix1; limb expression 1 homolog (chicken)	3.68	2.66	0.00	0.95	1.22	0.80
A_51_P239750	NM_008380	16323	Inhba; inhibin beta-A	3.83	2.63	0.00	1.84	1.63	0.03
A_51_P483231	NM_008413	16452	Jak2; Janus kinase 2	4.11	2.62	0.00	1.29	1.40	0.20
A_51_P206053	NM_010577	16402	Itga5; integrin alpha 5 (fibronectin receptor alpha)	3.62	2.62	0.00	0.98	1.24	0.71
A_51_P309208	AK005186			2.45	2.62	0.00	1.37	1.92	0.15
A_51_P143893	NM_054098	117167	"Tnfaip9; tumor necrosis factor, alpha-induced protein 9"	3.77	2.61	0.00	7.68	4.48	0.00
A_51_P347945	NM_146705	258700	Olfr1451; olfactory receptor 1451	2.34	2.61	0.00	2.99	2.29	0.00
A_51_P302503	NM_008654	17872	Myd116; myeloid differentiation primary response gene 116	3.52	2.61	0.00	2.36	1.89	0.01
A_51_P344308	NM_008071	14402	"Gabbrb3; gamma-aminobutyric acid (GABA-A) receptor, subunit beta 3"	2.27	2.60	0.00	4.33	2.49	0.00
A_51_P266311	AK046674	74558	Iigs1; interferon inducible GTPase 1	3.14	2.58	0.00	1.77	1.65	0.05
A_51_P254656	NM_008230	15186	Hdc; histidine decarboxylase	3.37	2.58	0.00	6.68	4.07	0.00
A_51_P364694	AK080076			3.33	2.58	0.00	1.46	1.54	0.12
A_51_P154842	AK037025	243262	Oas1f; 2'-5' oligoadenylate synthetase 1F	2.21	2.57	0.00	3.20	2.41	0.00
A_51_P111094	AK040156	329919	A430070M19; hypothetical protein A430070M19	2.28	2.56	0.00	1.10	1.47	0.42
A_51_P146837	AK044171	242443	"Grin3a; glutamate receptor ionotropic, NMDA3A"	2.14	2.56	0.00	1.33	1.70	0.17
A_51_P474078	NM_009156	20364	"Sepw1; selenoprotein W, muscle 1"	2.42	2.56	0.00	0.88	1.29	0.94
A_51_P461678	BY389845	232431	Rai3; retinoic acid induced 3	3.61	2.55	0.00	2.22	1.75	0.02
A_51_P428013	AK005562	72205	Eml2; echinoderm microtubule associated protein like 2	3.14	2.53	0.00	1.49	1.58	0.10
A_51_P184108	AK014983	77058	4921530D09Rik; RIKEN cDNA 4921530D09 gene	3.71	2.52	0.00	5.95	3.69	0.00
A_51_P369221	AK019785	77630	Prdm8; PR domain containing 8	2.93	2.52	0.00	4.38	2.90	0.00

A_51_P325941	NM_010603	16515	"Kcnj12; potassium inwardly-rectifying channel, subfamily J, member 12"	1.75	2.52	0.03	1.60	1.53	0.08
A_51_P372826	BC004831	228608	Smox; spermine oxidase	3.61	2.52	0.00	1.65	1.48	0.07
A_51_P253074	AK009012	71884	Chit1; chitinase 1 (chitotriosidase)	3.33	2.52	0.00	6.62	4.13	0.00
A_51_P427383	AK035419	209086	AA175286; EST AA175286	3.16	2.52	0.00	2.34	1.81	0.01
A_51_P126998	NM_009621	11504	"Adams1; a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 1"	3.84	2.50	0.00	2.86	1.83	0.00
A_51_P513776	CA579461	380823	LOC380823; similar to anti-poly(dC) monoclonal antibody heavy chain	3.20	2.50	0.00	2.21	2.00	0.02
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.34	2.50	0.00	4.17	2.48	0.00
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.34	2.50	0.00	3.69	2.28	0.00
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.34	2.50	0.00	3.35	2.15	0.00
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.34	2.50	0.00	2.58	2.00	0.00
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.34	2.50	0.00	2.52	1.86	0.00
A_51_P292513	NM_053223			3.21	2.49	0.00	2.18	1.76	0.02
A_51_P193146	NM_028595	73656	"Ms4a6c; membrane-spanning 4-domains, subfamily A, member 6C"	2.90	2.49	0.00	3.95	2.46	0.00
A_51_P362182				2.27	2.49	0.00	1.05	1.40	0.52
A_51_P291347	NM_013614	18263	"Odc1; ornithine decarboxylase, structural 1"	3.09	2.47	0.00	5.46	4.29	0.00
A_51_P197344	AK016562			3.05	2.46	0.00	8.99	6.30	0.00
A_51_P188614	X55982	23961	Oas1b; 2'-5' oligoadenylate synthetase 1B	3.66	2.46	0.00	5.23	3.26	0.00
A_51_P343833	NM_009421	22029	Traf1; Tnf receptor-associated factor 1	3.27	2.45	0.00	2.32	1.62	0.03

A_51_P400107	NM_011046	18550	Furin; furin (paired basic amino acid cleaving enzyme)	3.41	2.45	0.00	2.31	2.00	0.03
A_51_P261648	NM_020512	57269	Olf1507; olfactory receptor 1507	2.03	2.45	0.00	1.69	1.71	0.05
A_51_P286610	AK018430	78066	5830411O09Rik; RIKEN cDNA 5830411O09 gene	3.19	2.44	0.00	2.58	1.85	0.00
A_51_P400163	NM_011637	22040	Trex1; three prime repair exonuclease 1	3.09	2.43	0.00	3.76	2.06	0.00
A_51_P162326	AK037062			3.30	2.42	0.00	3.40	2.02	0.00
A_51_P430900	NM_013642	19252	Dusp1; dual specificity phosphatase 1	3.29	2.41	0.00	3.02	2.20	0.00
A_51_P309066	NM_008375	16204	"Fabp6; fatty acid binding protein 6, ileal (gastrotropin)"	2.38	2.40	0.00	0.95	1.44	0.80
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.83	2.40	0.00	3.29	2.46	0.00
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.83	2.40	0.00	3.27	2.26	0.00
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.83	2.40	0.00	2.02	2.07	0.02
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.83	2.40	0.00	2.65	1.91	0.00
A_51_P309854	NM_080465	140492	"Kcnn2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2"	2.83	2.40	0.00	1.91	1.66	0.03
A_51_P170476	NM_008435	16538	"Kcns1; K+ voltage-gated channel, subfamily S, 1"	3.14	2.39	0.00	8.33	4.51	0.00
A_51_P196019	NM_011643	22063	"Trpc1; transient receptor potential cation channel, subfamily C, member 1"	2.37	2.38	0.00	1.45	1.41	0.12
A_51_P384584	NM_026042	67224	Ixl; intersex-like (Drosophila)	2.74	2.38	0.00	2.20	1.71	0.02
A_51_P164207	NM_011842	23942	"Mta2; metastasis-associated gene family, member 2"	1.82	2.37	0.03	0.90	1.34	0.94
A_51_P233815	NM_025460	66271	1810020E01Rik; RIKEN cDNA 1810020E01 gene	1.57	2.37	0.09	3.29	2.33	0.00
A_51_P490692	BC026458	71059	4933402L21Rik; RIKEN cDNA 4933402L21 gene	2.79	2.37	0.00	4.14	2.57	0.00

A_51_P460954	NM_009139	20305	Ccl6; chemokine (C-C motif) ligand 6	3.20	2.36	0.00	5.49	4.96	0.00
A_51_P244655	NM_172684	229675	"Rsb1; rosbin, round spermatid basic protein 1"	2.78	2.36	0.00	5.56	4.05	0.00
A_51_P293110	NM_010818	17470	Cd200; Cd200 antigen	3.68	2.36	0.00	2.56	2.08	0.00
A_51_P463559	NM_008620	17472	Mpa2; macrophage activation 2	3.32	2.34	0.00	6.39	5.13	0.00
A_51_P264267	AK034248			2.04	2.34	0.00	2.56	2.00	0.00
A_51_P388498	NM_146592	258585	Olfr1086; olfactory receptor 1086	3.26	2.33	0.00	1.54	1.37	0.08
A_51_P109923	NM_019983	56715	Rabgef1; RAB guanine nucleotide exchange factor (GEF) 1	2.93	2.33	0.00	0.89	1.40	0.94
A_51_P230850	NM_018807	54711	Plagl2; pleiomorphic adenoma gene-like 2	2.92	2.32	0.00	3.93	2.28	0.00
A_51_P263471	NM_020001	56620	"Clec10; C-type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 10"	2.43	2.30	0.00	1.00	1.45	0.71
A_51_P341767	AK089685	224133	"Parp14; poly (ADP-ribose) polymerase family, member 14"	2.97	2.26	0.00	4.05	2.64	0.00
A_51_P171075	X02333	12981	Csf2; colony stimulating factor 2 (granulocyte-macrophage)	2.90	2.25	0.00	1.32	1.41	0.19
A_51_P340601	NM_009770	12228	Btg3; B-cell translocation gene 3	2.72	2.25	0.00	1.38	1.41	0.15
A_51_P372550	BC023116	68567	Cgref1; cell growth regulator with EF hand domain 1	2.43	2.25	0.00	8.74	7.72	0.00
A_51_P202340	NM_013633	18999	"Pou5f1; POU domain, class 5, transcription factor 1"	1.87	2.24	0.03	1.45	1.38	0.12
A_51_P114336	AK018382	195018	"Zzf1; zinc finger, ZZ-type with EF hand domain 1"	1.82	2.23	0.03	4.66	5.18	0.00
A_51_P216593	NM_011716	22393	Wfs1; Wolfram syndrome 1 homolog (human)	2.74	2.23	0.00	1.18	1.40	0.27
A_51_P230509	NM_138953			2.87	2.22	0.00	1.61	1.41	0.08
A_51_P433810	NM_153553	225872	Nxf; bHLH-PAS type transcription factor NXF	1.94	2.22	0.00	2.07	1.68	0.02
A_51_P174591	NM_012021	54683	Prdx5; peroxiredoxin 5	2.86	2.21	0.00	2.76	1.69	0.00
A_51_P377789	NM_009582	26404	Map3k12; mitogen activated protein kinase kinase kinase 12	2.33	2.21	0.00	1.76	1.82	0.05
A_51_P430903	AK029875			1.41	2.21	0.22	1.41	1.62	0.13

A_51_P279955	AK087761	224247	E330017A01Rik; RIKEN cDNA E330017A01 gene	1.99	2.20	0.00	1.56	1.47	0.08
A_51_P272513	U76755	100371	AV103077; expressed sequence AV103077	2.84	2.20	0.00	4.42	2.49	0.00
A_51_P470715	NM_009895	12700	Cish; cytokine inducible SH2-containing protein	2.50	2.19	0.00	2.13	1.56	0.02
A_51_P356582	NM_147031			2.99	2.19	0.00	3.36	1.97	0.00
A_51_P277216	AF237917	109225	"Ms4a7; membrane-spanning 4-domains, subfamily A, member 7"	2.49	2.18	0.00	1.33	1.58	0.17
A_51_P412778	NM_007754	12874	Cpd; carboxypeptidase D	2.49	2.18	0.00	3.47	2.63	0.00
A_51_P253715	AK047846	216285	Cart1; cartilage homeo protein 1	2.32	2.18	0.00	7.76	5.96	0.00
A_51_P352924	NM_010193	14155	Fem1b; feminization 1 homolog b (C. elegans)	2.40	2.17	0.00	1.23	1.27	0.21
A_51_P122055	NM_138582	27762	"D17H6S56E-3; DNA segment, Chr 17, human D6S56E 3"	1.14	2.16	0.73	4.32	3.44	0.00
A_51_P198565	NM_008842	18712	Pim1; proviral integration site 1	2.68	2.16	0.00	4.31	2.26	0.00
A_51_P322677	NM_019819	56405	Dusp14; dual specificity phosphatase 14	3.13	2.15	0.00	4.08	2.11	0.00
A_51_P104768	BY352313	16061	Igh-VJ558; immunoglobulin heavy chain (J558 family)	2.69	2.14	0.00	2.45	2.03	0.01
A_51_P168768	AI481735	269881	Map3k10; mitogen activated protein kinase kinase kinase 10	2.59	2.14	0.00	1.90	1.52	0.03
A_51_P234907	AK084186			1.51	2.14	0.12	5.02	3.08	0.00
A_51_P485260	NM_016846	19731	"Rgl1; ral guanine nucleotide dissociation stimulator,-like 1"	3.08	2.14	0.00	2.11	1.77	0.02
A_51_P410576	AK077130	244608	4933409I22; hypothetical protein 4933409I22	2.70	2.13	0.00	1.56	1.47	0.08
A_51_P393747	BC027369	230073	Ddx58; DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	2.55	2.12	0.00	5.98	3.61	0.00
A_51_P159503	AK077880	268513	"D11ErtD759e; DNA segment, Chr 11, ERATO Doi 759, expressed"	2.67	2.11	0.00	1.77	1.55	0.05
A_51_P232530	NM_013665	20429	Shox2; short stature homeobox 2	2.96	2.11	0.00	6.33	3.84	0.00
A_51_P378173	NM_026787	68618	1110012L19Rik; RIKEN cDNA 1110012L19 gene	2.79	2.11	0.00	2.51	1.79	0.00
A_51_P265444	NM_021520			3.08	2.11	0.00	3.91	3.02	0.00
A_51_P297925	BC006817	230738	BC036563; cDNA sequence BC036563	2.88	2.10	0.00	3.76	2.42	0.00

A_51_P277994	AB067535	246728	Oas2; 2'-5' oligoadenylate synthetase 2	2.38	2.10	0.00	3.67	6.18	0.00
A_51_P193027	NM_011157	19073	"Prg1; proteoglycan 1, secretory granule"	2.83	2.10	0.00	5.03	3.01	0.00
A_51_P201971	AK030904	67956	2410195B05Rik; RIKEN cDNA 2410195B05 gene	2.61	2.10	0.00	1.89	1.82	0.03
A_51_P302188	AK018950	208846	Daam1; dishevelled associated activator of morphogenesis 1	2.56	2.09	0.00	1.49	1.41	0.10
A_51_P345248	NM_053196	94279	Sfxn2; sideroflexin 2	2.41	2.09	0.00	2.05	1.89	0.02
A_51_P262515	AK077176	219131	Phf11; PHD finger protein 11	3.01	2.09	0.00	1.75	1.62	0.05
A_51_P514862	NM_030738	81013	"V1rd6; vomeronasal 1 receptor, D6"	1.36	2.09	0.27	1.96	1.67	0.02
A_51_P259152	NM_030684	94094	Trim34; tripartite motif protein 34	2.66	2.09	0.00	2.03	1.74	0.02
A_51_P339115	AY039218	73660	Cabp4; calcium binding protein 4	2.58	2.09	0.00	2.24	1.87	0.02
A_51_P205271	AK088393	72745	2810446P07Rik; RIKEN cDNA 2810446P07 gene	1.94	2.08	0.00	1.09	1.37	0.42
A_51_P313093	BM935873	56542	Ick; intestinal cell kinase	2.30	2.08	0.00	1.51	1.43	0.09
A_51_P379873	NM_033145	78076	9230106L18Rik; RIKEN cDNA 9230106L18 gene	1.87	2.06	0.00	4.93	3.11	0.00
A_51_P369081	NM_138952	192656	Ripk2; receptor (TNFRSF)-interacting serine-threonine kinase 2	2.23	2.06	0.00	1.03	1.25	0.61
A_51_P301123	M55219			2.93	2.06	0.00	3.32	2.00	0.00
A_51_P123055	NM_019998	56737	"Alg2; asparagine-linked glycosylation 2 homolog (yeast, alpha-1,3-mannosyltransferase)"	2.98	2.05	0.00	2.01	1.60	0.02
A_51_P292146	AK086181	338362	Ust; uronyl-2-sulfotransferase	2.80	2.05	0.00	2.63	1.84	0.00
A_51_P467349	AK048725	67525	6330414G21Rik; RIKEN cDNA 6330414G21 gene	1.99	2.05	0.00	6.31	4.99	0.00
A_51_P283954	AK087754	233204	"Tbc1d17; TBC1 domain family, member 17"	2.70	2.05	0.00	5.91	3.97	0.00
A_51_P138807	AK006001	71856	1700127F16Rik; RIKEN cDNA 1700127F16 gene	2.44	2.05	0.00	4.18	2.09	0.00
A_51_P393654	AK052508	241520	D430039N05Rik; RIKEN cDNA D430039N05 gene	2.64	2.05	0.00	1.05	1.28	0.52
A_51_P189773	U70139	12457	Ccrn4l; CCR4 carbon catabolite repression 4-like (S. cerevisiae)	2.10	2.04	0.00	1.86	1.94	0.03

A_51_P173109	AK007796	69809	1810046K07Rik; RIKEN cDNA 1810046K07 gene	2.43	2.04	0.00	2.37	1.90	0.01
A_51_P268193	NM_017394	53896	"Slc7a10; solute carrier family 7 (cationic amino acid transporter, y+ system), member 10"	1.98	2.04	0.00	3.71	2.53	0.00
A_51_P366867	NM_013525	14455	Gas5; growth arrest specific 5	2.27	2.03	0.00	1.13	1.41	0.33
A_51_P188331	NG_001607			1.44	2.03	0.18	5.68	8.11	0.00
A_51_P117398	AK042739	12648	Chd1; chromodomain helicase DNA binding protein 1	1.88	2.03	0.00	7.77	4.63	0.00
A_51_P169374	NM_027172	69698	2310046K01Rik; RIKEN cDNA 2310046K01 gene	2.84	2.02	0.00	6.15	3.44	0.00
A_51_P133345	NM_013912	30878	Apln; apelin	2.03	2.02	0.00	1.28	1.47	0.20
A_51_P522004	NM_134448	13518	Dst; dystonin	2.30	2.02	0.00	1.17	1.51	0.27
A_51_P114616	NM_016767	53314	"Batf; basic leucine zipper transcription factor, ATF-like"	2.90	2.01	0.00	1.38	1.47	0.15
A_51_P223033	AK083479	71865	Fbxo30; F-box protein 30	2.43	2.01	0.00	3.14	2.06	0.00
A_51_P432229	NM_029472	75886	4930583C14Rik; RIKEN cDNA 4930583C14 gene	2.07	2.01	0.00	3.29	2.59	0.00
A_51_P516125	BC013561			1.90	2.01	0.00	1.20	1.43	0.25
A_51_P288138	NM_008039	14289	"Fpr-rs2; formyl peptide receptor, related sequence 2"	2.48	2.01	0.00	1.73	1.86	0.05
A_51_P483639	AK039115	235472	A230098A12Rik; RIKEN cDNA A230098A12 gene	1.45	2.01	0.18	1.45	1.60	0.12
A_51_P185660	NM_011338	20308	Ccl9; chemokine (C-C motif) ligand 9	1.25	2.01	0.41	2.07	1.85	0.02
A_51_P406604	BC006779	229003	BC006779; cDNA sequence BC006779	2.14	2.00	0.00	1.33	1.54	0.17
A_51_P295192	NM_010907	18035	"Nfkbia; nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, alpha"	2.14	1.99	0.00	3.66	2.12	0.00
A_51_P423668	BC018464	74349	4632419K20Rik; RIKEN cDNA 4632419K20 gene	2.73	1.99	0.00	8.48	5.34	0.00
A_51_P390397	NM_007948	13870	"Ercc1; excision repair cross-complementing rodent repair deficiency, complementation group 1"	2.94	1.99	0.00	3.76	1.94	0.00
A_51_P194249	NM_019675	56471	Stmn4; stathmin-like 4	2.42	1.99	0.00	2.53	1.63	0.00
A_51_P472867	AB067534	246727	Oas3; 2'-5' oligoadenylate synthetase 3	2.76	1.99	0.00	2.82	1.77	0.00

A_51_P489720	AB041591	216867	"Slc16a11; solute carrier family 16 (monocarboxylic acid transporters), member 11"	2.69	1.98	0.00	2.58	1.88	0.00
A_51_P103396	NM_016879			2.60	1.98	0.00	1.77	1.54	0.05
A_51_P141772	NM_144873	109113	"Uhrf2; ubiquitin-like, containing PHD and RING finger domains 2"	2.16	1.98	0.00	1.79	1.91	0.05
A_51_P231099	NM_009996	13081	"Cyp24a1; cytochrome P450, family 24, subfamily a, polypeptide 1"	1.86	1.97	0.03	1.85	1.57	0.03
A_51_P512061	NM_027205	69761	1600015I10Rik; RIKEN cDNA 1600015I10 gene	2.42	1.97	0.00	2.03	1.83	0.02
A_51_P315964	NM_008050			2.34	1.97	0.00	2.54	1.90	0.00
A_51_P154586	NM_134223			2.43	1.97	0.00	3.21	2.08	0.00
A_51_P159225	NM_019664	16516	"Kcnj15; potassium inwardly-rectifying channel, subfamily J, member 15"	1.78	1.97	0.03	1.84	1.61	0.03
A_51_P239737	NM_011082	18703	Pigr; polymeric immunoglobulin receptor	1.16	1.97	0.63	1.80	2.42	0.04
A_51_P192219	NG_002101			2.08	1.95	0.00	1.36	1.47	0.17
A_51_P501315	NM_025294	24083	Gtlf3b; gene trap locus F3b	2.33	1.95	0.00	2.68	1.70	0.00
A_51_P333349	AK028119	215210	Tmpit; transmembrane protein induced by tumor necrosis factor alpha	2.28	1.95	0.00	0.99	1.33	0.71
A_51_P447229	NM_013461	11549	"Adra1a; adrenergic receptor, alpha 1a"	1.89	1.95	0.00	4.30	2.46	0.00
A_51_P142861	NM_009807	12362	Casp1; caspase 1	2.41	1.95	0.00	2.38	1.84	0.01
A_51_P450573	AK046561	21813	"Tgfr2; transforming growth factor, beta receptor II"	-2.60	0.51	0.00	-2.73	0.55	0.00
A_51_P173086	AK075584	223691	"Eif3s6ip; eukaryotic translation initiation factor 3, subunit 6 interacting protein"	-1.63	0.51	0.00	-2.64	0.35	0.00
A_51_P294765	NM_026321	67698	2310044D20Rik; RIKEN cDNA 2310044D20 gene	-2.02	0.51	0.00	-4.07	0.27	0.00
A_51_P171376	AK031041	218503	5832424M12; hypothetical protein 5832424M12	-2.39	0.51	0.00	-6.64	0.21	0.00
A_51_P193249	NM_009226	20641	Snrpd1; small nuclear ribonucleoprotein D1	-2.30	0.51	0.00	-2.16	0.58	0.02
A_51_P355122	NM_009405	21953	"Tnni2; troponin I, skeletal, fast 2"	-2.38	0.51	0.00	-4.60	0.24	0.00
A_51_P139069	AK018409			-2.24	0.51	0.00	-2.99	0.41	0.00
A_51_P194070	AK051649	18484	Pam; peptidylglycine alpha-amidating monooxygenase	-2.39	0.51	0.00	-2.66	0.55	0.00

A_51_P100208	AK048730	102599		-1.63	0.51	0.00	-7.44	0.26	0.00
A_51_P416315	NM_019455	54486	"Ptgds2; prostaglandin D2 synthase 2, hematopoietic"	-2.03	0.51	0.00	-5.55	0.33	0.00
A_51_P172177	BC020098	68944	4930403O06Rik; RIKEN cDNA 4930403O06 gene	-2.03	0.51	0.00	-2.21	0.42	0.02
A_51_P190881	BC003286	68420	1100001D10Rik; RIKEN cDNA 1100001D10 gene	-2.19	0.51	0.00	-2.37	0.57	0.03
A_51_P412947	NM_007968	14030	Ewsr1; Ewing sarcoma breakpoint region 1	-2.03	0.51	0.00	-2.35	0.52	0.03
A_51_P506054	AK038997	353211	A230083H22Rik; RIKEN cDNA A230083H22 gene	-2.40	0.51	0.00	-4.81	0.30	0.00
A_51_P214796	BC003922	52615	"D11Ertd530e; DNA segment, Chr 11, ERATO Doi 530, expressed"	-2.11	0.51	0.00	-3.57	0.30	0.00
A_51_P390496	BC017524	99138	Stard7; START domain containing 7	-2.20	0.51	0.00	-2.18	0.56	0.02
A_51_P278929	AK014905	70892	4921517B04Rik; RIKEN cDNA 4921517B04 gene	-2.17	0.51	0.00	-2.00	0.57	0.04
A_51_P249989	AK041891	211550	T2bp; Traf2 binding protein	-2.51	0.51	0.00	-5.43	0.28	0.00
A_51_P303906	BC027799	66713	Actr2; ARP2 actin-related protein 2 homolog (yeast)	-1.58	0.51	0.03	-1.64	0.51	0.20
A_51_P209280	NM_133685	106572	1700093E07Rik; RIKEN cDNA 1700093E07 gene	-2.36	0.51	0.00	-3.69	0.33	0.00
A_51_P420726	AK046032	72852	2900024O10Rik; RIKEN cDNA 2900024O10 gene	-2.29	0.51	0.00	-5.66	0.30	0.00
A_51_P113395	NM_008710	18115	Nnt; nicotinamide nucleotide transhydrogenase	-2.64	0.51	0.00	-5.32	0.28	0.00
A_51_P428582	NM_009647	11639	Ak4; adenylate kinase 4	-2.56	0.51	0.00	-2.96	0.48	0.00
A_51_P196590	NM_008212	15107	"Hadhsc; L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain"	-2.39	0.51	0.00	-5.59	0.30	0.00
A_51_P441264	AK012655	19981	Rpl37a; ribosomal protein L37a	-1.90	0.50	0.00	-2.55	0.43	0.00
A_51_P265571	NM_009627	11535	Adm; adrenomedullin	-2.22	0.50	0.00	-2.50	0.58	0.01
A_51_P435990	NM_022565	64580	Ndst4; N-deacetylase/N-sulfotransferase (heparin glucosaminyl) 4	-2.16	0.50	0.00	-2.68	0.45	0.00
A_51_P281246	AK019414	74360	3110002L15Rik; RIKEN cDNA 3110002L15 gene	-2.19	0.50	0.00	-3.08	0.38	0.00

A_51_P270324	NM_012040	93843	Pnck; pregnancy upregulated non-ubiquitously expressed CaM kinase	-2.64	0.50	0.00	-1.87	0.68	0.07
A_51_P130395	NM_028402			-2.14	0.50	0.00	-2.17	0.49	0.02
A_51_P424232	NM_010788	17257	Mecp2; methyl CpG binding protein 2	-2.33	0.50	0.00	-4.96	0.32	0.00
A_51_P124748	NM_009368	21809	"Tgfb3; transforming growth factor, beta 3"	-2.24	0.50	0.00	-1.69	0.68	0.17
A_51_P159352	NM_011294	20024	Rpo2tc1; RNA polymerase II transcriptional coactivator	-1.90	0.50	0.00	-1.68	0.66	0.17
A_51_P359333	BC006048	14194	Fh1; fumarate hydratase 1	-2.53	0.50	0.00	-2.15	0.56	0.02
A_51_P445726	U96693	18733	Pirb; paired-Ig-like receptor B	-2.82	0.50	0.00	-7.28	0.14	0.00
A_51_P259130	NM_026126	67391	Fundc2; FUN14 domain containing 2	-2.41	0.50	0.00	-4.00	0.35	0.00
A_51_P425772	NM_021273	12709	"Ckb; creatine kinase, brain"	-2.25	0.50	0.00	-1.75	0.58	0.12
A_51_P401304	NM_029665	76582	Ipo11; importin 11	-2.50	0.50	0.00	-2.86	0.44	0.00
A_51_P275679	NM_018750	54354	Rassf5; Ras association (RalGDS/AF-6) domain family 5	-2.65	0.50	0.00	-5.97	0.33	0.00
A_51_P494229	NM_015737	14426	Galnt4; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 4	-2.21	0.50	0.00	-3.59	0.39	0.00
A_51_P240857	AK032497	212862	Chpt1; choline phosphotransferase 1	-2.50	0.50	0.00	-4.38	0.42	0.00
A_51_P140182	NM_009656	11669	"Aldh2; aldehyde dehydrogenase 2, mitochondrial"	-2.74	0.50	0.00	-4.00	0.41	0.00
A_51_P309589	AK012623	77022	2700099C18Rik; RIKEN cDNA 2700099C18 gene	-2.88	0.50	0.00	-1.63	0.70	0.21
A_51_P483180	AK011015	76561	Snx7; sorting nexin 7	-2.38	0.50	0.00	-3.38	0.38	0.00
A_51_P492070	NM_133953	101943	"Sf3b3; splicing factor 3b, subunit 3"	-2.30	0.50	0.00	-1.80	0.63	0.08
A_51_P374026	AK075724	229521	Syt11; synaptotagmin 11	-2.54	0.50	0.00	-4.82	0.34	0.00
A_51_P417469	NM_026616	68209	1500026D16Rik; RIKEN cDNA 1500026D16 gene	-2.63	0.50	0.00	-1.95	0.65	0.05
A_51_P489909	BC007174	226026	Smc5l1; SMC5 structural maintenance of chromosomes 5-like 1 (yeast)	-2.07	0.50	0.00	-1.63	0.61	0.21
A_51_P337144	AF188008	18810	Plec1; plectin 1	-2.86	0.50	0.00	-3.47	0.51	0.00
A_51_P186735	AK031814	230661	Tesk2; testis-specific kinase 2	-1.87	0.50	0.00	-2.47	0.62	0.01
A_51_P247249	BB079625	232336	F730011J02; hypothetical protein F730011J02	-2.98	0.50	0.00	-9.05	0.15	0.00

A_51_P244617	BC019798	72503	2610507B11Rik; RIKEN cDNA 2610507B11 gene	-2.55	0.49	0.00	-3.31	0.43	0.00
A_51_P333712	NM_013875	29863	Pde7b; phosphodiesterase 7B	-1.68	0.49	0.00	2.66	2.79	0.00
A_51_P224534	CA544143	66395	2310047C17Rik; RIKEN cDNA 2310047C17 gene	-1.98	0.49	0.00	-1.43	0.68	0.94
A_51_P220314	BC006933	217946	BC006933; cDNA sequence BC006933	-2.78	0.49	0.00	-5.14	0.37	0.00
A_51_P379775	NM_134122	106582	Nrm; nurim (nuclear envelope membrane protein)	-2.32	0.49	0.00	-2.78	0.49	0.00
A_51_P247960	NM_007839	13204	Dhx15; DEAH (Asp-Glu-Ala-His) box polypeptide 15	-2.25	0.49	0.00	-1.57	0.64	0.33
A_51_P345139	NM_024194	67144	2610040E16Rik; RIKEN cDNA 2610040E16 gene	-2.35	0.49	0.00	-3.38	0.42	0.00
A_51_P136014	S79780			-2.09	0.49	0.00	-3.86	0.39	0.00
A_51_P317193	NM_026189	67484	2310005P05Rik; RIKEN cDNA 2310005P05 gene	-2.83	0.49	0.00	-3.99	0.25	0.00
A_51_P352850	NM_007909	13637	Efna2; ephrin A2	-2.12	0.49	0.00	-2.99	0.47	0.00
A_51_P196027	NM_009456	22195	Ube2l3; ubiquitin-conjugating enzyme E2L 3	-2.78	0.49	0.00	-3.45	0.47	0.00
A_51_P224300	NM_133352	107358	Smbp; SM-11044 binding protein	-2.63	0.49	0.00	-3.04	0.53	0.00
A_51_P171468	AK030310	73068	Fut11; fucosyltransferase 11	-2.22	0.49	0.00	-1.54	0.70	0.42
A_51_P392928	NM_138745	108156	"Mthfd1; methylenetetrahydrofolate dehydrogenase (NADP+ dependent), methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthase"	-2.79	0.49	0.00	-1.87	0.65	0.07
A_51_P148865	NM_010753	17122	Mxd4; Max dimerization protein 4	-2.90	0.49	0.00	-7.41	0.21	0.00
A_51_P157214	NM_008246	15247	Hiat1; hippocampus abundant gene transcript 1	-2.02	0.48	0.00	-4.88	0.21	0.00
A_51_P515908	AK030708	216197	Ckap4; cytoskeleton-associated protein 4	-2.66	0.48	0.00	-1.81	0.68	0.08
A_51_P210809	AK035273	67561	8430408H12Rik; RIKEN cDNA 8430408H12 gene	-2.71	0.48	0.00	-6.76	0.23	0.00
A_51_P183882	AF030100	21944	"Tnfsf12; tumor necrosis factor (ligand) superfamily, member 12"	-2.58	0.48	0.00	-2.55	0.38	0.00

A_51_P411264	AK046466	70561	5730420B22Rik; RIKEN cDNA 5730420B22 gene	-2.70	0.48	0.00	-4.11	0.36	0.00
A_51_P355301	NM_007818	13112	"Cyp3a11; cytochrome P450, family 3, subfamily a, polypeptide 11"	-2.74	0.48	0.00	-3.30	0.42	0.00
A_51_P330298	NM_031999	83924	Tm7sf1; transmembrane 7 superfamily member 1	-2.60	0.48	0.00	-4.81	0.31	0.00
A_51_P471987	BI106830	78832	2700078E11Rik; RIKEN cDNA 2700078E11 gene	-2.04	0.48	0.00	-4.01	0.34	0.00
A_51_P445562	AK050676	98388	Chst10; carbohydrate sulfotransferase 10	-3.02	0.48	0.00	-5.73	0.34	0.00
A_51_P115159	BC010826	70186	2310056P07Rik; RIKEN cDNA 2310056P07 gene	-2.49	0.48	0.00	-3.69	0.39	0.00
A_51_P501332	NM_020505	57257	Vav3; vav 3 oncogene	-2.65	0.48	0.00	-3.97	0.31	0.00
A_51_P336635	NM_134014	103573	"Xpo1; exportin 1, CRM1 homolog (yeast)"	-2.36	0.48	0.00	-2.10	0.49	0.02
A_51_P156108	NM_018827	12931	Crlf1; cytokine receptor-like factor 1	-2.85	0.48	0.00	-3.53	0.38	0.00
A_51_P151433	NM_026554	68092	Ncbp2; nuclear cap binding protein subunit 2	-2.78	0.48	0.00	-2.14	0.60	0.02
A_51_P244545	X81632	72503	2610507B11Rik; RIKEN cDNA 2610507B11 gene	-2.81	0.48	0.00	-5.10	0.37	0.00
A_51_P261428	NM_011050	18569	Pdcd4; programmed cell death 4	-2.52	0.48	0.00	-6.87	0.22	0.00
A_51_P123297	NM_023200	66385	"Ppp1r7; protein phosphatase 1, regulatory (inhibitor) subunit 7"	-2.62	0.48	0.00	-3.13	0.46	0.00
A_51_P404077	NM_020510	57265	Fzd2; frizzled homolog 2 (Drosophila)	-2.69	0.48	0.00	-1.41	0.70	1.04
A_51_P331507	NM_008322			-2.88	0.47	0.00	-2.88	0.54	0.00
A_51_P300726	NM_011014	18391	"Oprs1; opioid receptor, sigma 1"	-2.52	0.47	0.00	-2.58	0.63	0.00
A_51_P142904	BC018153	67054	"Paics; phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoribosylaminoimidazole, succinocarboxamide synthetase"	-2.78	0.47	0.00	-2.21	0.62	0.02
A_51_P334444	AK028914	77559	"Agl; amylo-1,6-glucosidase, 4-alpha- glucanotransferase"	-2.75	0.47	0.00	-2.51	0.50	0.01
A_51_P433172	NM_019801			-2.56	0.47	0.00	-2.59	0.57	0.00
A_51_P260169	NM_010360	14866	"Gstm5; glutathione S-transferase, mu 5"	-2.02	0.47	0.00	-7.98	0.20	0.00
A_51_P305693	AK088917	51869	Rif1; Rap1 interacting factor 1 homolog (yeast)	-2.78	0.47	0.00	-1.48	0.61	0.71

A_51_P397113	AK016893	71166	4933424G06Rik; RIKEN cDNA 4933424G06 gene	-2.76	0.47	0.00	-2.50	0.55	0.01
A_51_P113144	AK045558	108012	"Ap1s2; adaptor-related protein complex 1, sigma 2 subunit"	-2.59	0.47	0.00	-2.78	0.55	0.00
A_51_P231308	NM_008595	17305	Mfng; manic fringe homolog (Drosophila)	-2.94	0.47	0.00	-4.91	0.30	0.00
A_51_P300446	L36434	432486	MGC79224; basic domain/leucine zipper transcription factor	-3.02	0.47	0.00	-4.41	0.44	0.00
A_51_P106429	AK010349	67872	2410003A14Rik; RIKEN cDNA 2410003A14 gene	-2.75	0.47	0.00	-2.54	0.56	0.00
A_51_P404454	AK003851	68584	1110020C17Rik; RIKEN cDNA 1110020C17 gene	-2.96	0.47	0.00	-2.98	0.51	0.00
A_51_P255545	NM_023517	69583	"Tnfsf13; tumor necrosis factor (ligand) superfamily, member 13"	-2.48	0.47	0.00	-1.88	0.61	0.07
A_51_P106259	NM_133926	52163	Camk1; calcium/calmodulin-dependent protein kinase I	-2.90	0.47	0.00	-4.90	0.32	0.00
A_51_P392684	NM_011701	22352	Vim; vimentin	-2.27	0.46	0.00	-4.90	0.14	0.00
A_51_P322465	AK013334	27993	"D1Wsu40e; DNA segment, Chr 1, Wayne State University 40, expressed"	-2.52	0.46	0.00	-5.15	0.39	0.00
A_51_P413193	NM_133679	66609	"Cryzl1; crystallin, zeta (quinone reductase)- like 1"	-3.10	0.46	0.00	-3.13	0.43	0.00
A_51_P257642	NG_001501			-2.62	0.46	0.00	-2.17	0.58	0.02
A_51_P224517	BC026471	269424	Phf17; PHD finger protein 17	-2.85	0.46	0.00	-1.90	0.64	0.05
A_51_P413315	NM_011655	22154	"Tubb5; tubulin, beta 5"	-2.82	0.46	0.00	0.98	1.20	0.71
A_51_P502184	NM_009211	20588	"Smarcc1; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1"	-2.57	0.46	0.00	-4.19	0.42	0.00
A_51_P255817	NM_016741	20778	"Scarb1; scavenger receptor class B, member 1"	-2.61	0.46	0.00	-2.17	0.58	0.02
A_51_P474518	NM_033588	93724	"Pcdhga12; protocadherin gamma subfamily A, 12"	-2.71	0.46	0.00	-1.79	0.66	0.08
A_51_P154351	AK035987	230316	"Egfl5; EGF-like-domain, multiple 5"	-2.96	0.46	0.00	-5.02	0.42	0.00
A_51_P221441	AK078971	228576	BC012256; cDNA sequence BC012256	-2.91	0.46	0.00	-2.51	0.45	0.01
A_51_P312360	NM_023058	268930	AW209059; expressed sequence AW209059	-2.92	0.46	0.00	1.18	1.31	0.27

A_51_P505493	NM_134255	68801	"Elovl5; ELOVL family member 5, elongation of long chain fatty acids (yeast)"	-2.52	0.46	0.00	-2.19	0.59	0.02
A_51_P448614	AK036743	72472	"Slc16a10; solute carrier family 16 (monocarboxylic acid transporters), member 10"	-2.24	0.46	0.00	-2.86	0.51	0.00
A_51_P465148	AK083393	13030	Ctsb; cathepsin B	-2.16	0.46	0.00	-2.03	0.46	0.03
A_51_P114438	BC007157	71947	2310067B10Rik; RIKEN cDNA 2310067B10 gene	-2.56	0.46	0.00	-1.66	0.67	0.19
A_51_P444052	BC018384	20280	"Scp2; sterol carrier protein 2, liver"	-3.10	0.46	0.00	-4.56	0.45	0.00
A_51_P408989	AK018449	67217	2810055F11Rik; RIKEN cDNA 2810055F11 gene	-2.51	0.46	0.00	-4.23	0.36	0.00
A_51_P299287	NM_053261	114663	Impa2; inositol (myo)-1(or 4)-monophosphatase 2	-2.63	0.46	0.00	-2.23	0.47	0.02
A_51_P143721	NM_134044	104799	AI413782; expressed sequence AI413782	-3.11	0.46	0.00	-3.09	0.49	0.00
A_51_P483511	NM_028785			-2.43	0.46	0.00	-2.32	0.61	0.03
A_51_P477863	NM_012032	26943	Tde1; tumor differentially expressed 1	-2.75	0.46	0.00	-5.41	0.32	0.00
A_51_P364146	NM_010699	16828	"Ldh1; lactate dehydrogenase 1, A chain"	-2.72	0.46	0.00	-2.49	0.54	0.01
A_51_P394515	NM_009388	21881	Tkt; transketolase	-3.01	0.46	0.00	-3.95	0.45	0.00
A_51_P501396	NM_021450	58800	"Trpm7; transient receptor potential cation channel, subfamily M, member 7"	-2.71	0.46	0.00	-3.94	0.40	0.00
A_51_P350005	NM_145834	234836	Il17c; interleukin 17C	-2.82	0.46	0.00	-2.71	0.46	0.00
A_51_P381670	NM_023066	65973	Asph; aspartate-beta-hydroxylase	-2.77	0.46	0.00	-4.09	0.41	0.00
A_51_P420704	NM_023662	18536	Pcm1; pericentriolar material 1	-2.49	0.45	0.00	-3.23	0.41	0.00
A_51_P179907	BC002232	216190	Dip3b; Dip3 beta	-2.30	0.45	0.00	-6.24	0.14	0.00
A_51_P144264	NM_008452	16598	Klf2; Kruppel-like factor 2 (lung)	-2.92	0.45	0.00	-3.28	0.51	0.00
A_51_P388964	NM_009572	22770	Zhx1; zinc fingers and homeoboxes protein 1	-2.80	0.45	0.00	-5.98	0.24	0.00
A_51_P393086	BC011220	68210		-2.93	0.45	0.00	-4.01	0.37	0.00
A_51_P326050	BC016267	66552	2010106G01Rik; RIKEN cDNA 2010106G01 gene	-3.22	0.45	0.00	-2.12	0.61	0.02
A_51_P418765	NM_009266	20768	Sephs2; selenophosphate synthetase 2	-2.47	0.45	0.00	-4.23	0.42	0.00

A_51_P444103	AK079094	94214	"Spock2; spar/osteonectin, cwcv and kazal-like domains proteoglycan 2"	-3.07	0.45	0.00	-3.33	0.44	0.00
A_51_P439803	NM_013798	11465	"Actg1; actin, gamma, cytoplasmic 1"	-2.51	0.45	0.00	1.34	1.33	0.17
A_51_P212700	AK049557	320528	Vps13c; vacuolar protein sorting 13C (yeast)	-3.11	0.45	0.00	-5.17	0.29	0.00
A_51_P288592	BE953138			-2.92	0.45	0.00	-3.16	0.42	0.00
A_51_P205564	AK005258	58521	Cri1; CREBBP/EP300 inhibitory protein 1	-2.84	0.45	0.00	-2.91	0.58	0.00
A_51_P376454	BI646741	17127	Smad3; MAD homolog 3 (Drosophila)	-2.73	0.45	0.00	-3.30	0.51	0.00
A_51_P453111	NM_010422	15212	Hexb; hexosaminidase B	-2.50	0.45	0.00	-1.59	0.61	0.27
A_51_P165210	NM_017402	54126	Arhgef7; Rho guanine nucleotide exchange factor (GEF7)	-2.51	0.45	0.00	-3.11	0.49	0.00
A_51_P240329	AK045401	67048	2610030H06Rik; RIKEN cDNA 2610030H06 gene	-1.85	0.45	0.00	-2.36	0.61	0.03
A_51_P428913	NM_011099	18746	"Pkm2; pyruvate kinase, muscle"	-2.74	0.45	0.00	-2.50	0.50	0.01
A_51_P182471	NM_010160	399590	C230011H18Rik; RIKEN cDNA C230011H18 gene	-2.44	0.45	0.00	-3.32	0.41	0.00
A_51_P273626	NM_012061	27062	Cadps; Ca ²⁺ -dependent activator protein for secretion	-3.02	0.45	0.00	-4.03	0.38	0.00
A_51_P474285	AK006225	76407	Spag4l; sperm associated antigen 4-like	-2.68	0.44	0.00	-2.88	0.48	0.00
A_51_P303739	AK035227	106877	AI173486; expressed sequence AI173486	-2.73	0.44	0.00	-3.20	0.49	0.00
A_51_P268953	AK035894	100201	9630015D15Rik; RIKEN cDNA 9630015D15 gene	-2.98	0.44	0.00	-2.62	0.45	0.00
A_51_P400581	NM_023210	66471	"Anp32e; acidic (leucine-rich) nuclear phosphoprotein 32 family, member E"	-2.89	0.44	0.00	-1.91	0.68	0.05
A_51_P124138	NM_025780	66816	9030625G08Rik; RIKEN cDNA 9030625G08 gene	-2.42	0.44	0.00	-5.43	0.23	0.00
A_51_P144134	AK014809	70840	"Slc22a16; solute carrier family 22 (organic cation transporter), member 16"	-3.34	0.44	0.00	-3.43	0.43	0.00
A_51_P496569	AF144628	20563	Slit2; slit homolog 2 (Drosophila)	-2.35	0.44	0.00	-1.54	0.70	0.42
A_51_P266644	BE913206	140742	Sesn1; sestrin 1	-2.98	0.44	0.00	-4.67	0.33	0.00
A_51_P201709	NM_011820	23887	Ggtla1; gamma-glutamyltransferase-like activity 1	-2.14	0.44	0.00	-2.09	0.51	0.02
A_51_P155482	NM_011132	18973	"Pole; polymerase (DNA directed), epsilon"	-2.71	0.44	0.00	3.53	2.47	0.00

A_51_P182201	M57975	12289	"Cacna1d; calcium channel, voltage-dependent, L type, alpha 1D subunit"	-3.06	0.44	0.00	-2.95	0.52	0.00
A_51_P416766	AK048152	223332	C130037N17Rik; RIKEN cDNA C130037N17 gene	-3.16	0.44	0.00	-6.49	0.26	0.00
A_51_P401921	AF374266	20787	Srebf1; sterol regulatory element binding factor 1	-3.19	0.44	0.00	-3.99	0.47	0.00
A_51_P350748	NM_025893	66995	1500031H04Rik; RIKEN cDNA 1500031H04 gene	-2.65	0.44	0.00	-2.27	0.66	0.02
A_51_P371051	BC025083	73690	Glpr1; GLI pathogenesis-related 1 (glioma)	-3.16	0.44	0.00	-13.08	0.11	0.00
A_51_P513085	NM_024240	109145	2810037C03Rik; RIKEN cDNA 2810037C03 gene	-3.25	0.44	0.00	-2.76	0.49	0.00
A_51_P382188	NM_008980	19262	"Ptpa; protein tyrosine phosphatase, receptor type, A"	-2.81	0.44	0.00	-3.81	0.30	0.00
A_51_P130666	NM_134079	11534	Adk; adenosine kinase	-3.03	0.43	0.00	-1.48	0.69	0.71
A_51_P342871	NM_009112	20194	S100a10; S100 calcium binding protein A10 (calpactin)	-2.67	0.43	0.00	-2.91	0.31	0.00
A_51_P253451	NM_009846	12484	Cd24a; CD24a antigen	-2.75	0.43	0.00	-6.35	0.24	0.00
A_51_P248705	NM_023565	110750	Cse1l; chromosome segregation 1-like (S. cerevisiae)	-2.98	0.43	0.00	-2.27	0.53	0.02
A_51_P433824	NM_009415	21991	Tpi1; triosephosphate isomerase 1	-2.34	0.43	0.00	-1.67	0.67	0.19
A_51_P379801	NM_134469	110196	Fdps; farnesyl diphosphate synthetase	-3.31	0.43	0.00	-3.20	0.55	0.00
A_51_P518488	NM_007512	11983	Atpif1; ATPase inhibitory factor 1	-3.48	0.43	0.00	-2.69	0.51	0.00
A_51_P464490	BG973053	69601	Dab2ip; disabled homolog 2 (Drosophila) interacting protein	-2.47	0.43	0.00	-1.97	0.60	0.04
A_51_P476711	NM_028151	72198	2610528A15Rik; RIKEN cDNA 2610528A15 gene	-3.38	0.43	0.00	-2.92	0.56	0.00
A_51_P187574	M17518			-2.69	0.43	0.00	-1.78	0.63	0.09
A_51_P205820	AK084913	194655	Tieg3; TGFB inducible early growth response 3	-3.01	0.43	0.00	-4.26	0.35	0.00
A_51_P426886	NM_008155	14751	Gpi1; glucose phosphate isomerase 1	-3.11	0.43	0.00	-2.43	0.55	0.01
A_51_P511112	NM_008197	14958	"H1f0; H1 histone family, member 0"	-2.94	0.43	0.00	-1.63	0.69	0.21
A_51_P513254	AK034601	19353	Rac1; RAS-related C3 botulinum substrate 1	-2.26	0.43	0.00	-2.63	0.49	0.00
A_51_P387378	AK041793	243931	Zfp537; zinc finger protein 537	-2.95	0.43	0.00	-3.88	0.40	0.00

A_51_P108757	NM_024243	71665	"Fuca1; fucosidase, alpha-L- 1, tissue"	-3.41	0.43	0.00	-4.24	0.41	0.00
A_51_P315800	NM_009451	22153	"Tubb4; tubulin, beta 4"	-3.15	0.43	0.00	-2.28	0.67	0.02
A_51_P209996	M19413	21769	Tex27; testis expressed gene 27	-2.49	0.43	0.00	-1.53	0.67	0.52
A_51_P283590	NM_010730	16952	Anxa1; annexin A1	-2.79	0.43	0.00	-2.32	0.49	0.03
A_51_P213329	BC016208	232232	Hdac11; histone deacetylase 11	-2.46	0.43	0.00	-2.50	0.59	0.01
A_51_P509012	NM_078479	66292	Mrps21; mitochondrial ribosomal protein S21	-3.44	0.43	0.00	-3.50	0.45	0.00
A_51_P286551	AK050244	237542	Osdbl8; oxysterol binding protein-like 8	-2.83	0.42	0.00	-9.04	0.10	0.00
A_51_P511346	BC004015			-2.52	0.42	0.00	-3.24	0.47	0.00
A_51_P315931	NM_033314	24059	"Slco2a1; solute carrier organic anion transporter family, member 2a1"	-3.07	0.42	0.00	-1.48	0.70	0.71
A_51_P512085	NM_130449	140792	Colec12; collectin sub-family member 12	-2.96	0.42	0.00	-5.71	0.30	0.00
A_51_P299195	NM_021510	59013	Hnrph1; heterogeneous nuclear ribonucleoprotein H1	-2.41	0.42	0.00	-1.77	0.55	0.09
A_51_P292745	NM_007654	12517	Cd72; CD72 antigen	-3.04	0.42	0.00	-4.06	0.32	0.00
A_51_P297108	NM_011671	22228	"Ucp2; uncoupling protein 2, mitochondrial"	-2.87	0.42	0.00	-1.55	0.64	0.42
A_51_P486024	NM_010798	17319	Mif; macrophage migration inhibitory factor	-3.24	0.42	0.00	-1.53	0.70	0.52
A_51_P208767	AK087402	70083	Metrn; meteorin	-3.01	0.42	0.00	-1.91	0.48	0.05
A_51_P329711	AK029302	319554	Idi1; isopentenyl-diphosphate delta isomerase	-2.59	0.42	0.00	-4.59	0.24	0.00
A_51_P324120	AK047688	223697	B230369L08Rik; RIKEN cDNA B230369L08 gene	-2.92	0.42	0.00	-3.99	0.47	0.00
A_51_P363103	AK010847	109778	Blvra; biliverdin reductase A	-3.33	0.42	0.00	-1.91	0.54	0.05
A_51_P361099	NM_007422	11566	"Adss2; adenylosuccinate synthetase 2, non muscle"	-3.41	0.41	0.00	-4.55	0.31	0.00
A_51_P190425	BC025182	327762	Dna2l; DNA2 DNA replication helicase 2-like (yeast)	-2.85	0.41	0.00	-1.94	0.57	0.05
A_51_P393064	AK031638	11781	"Ap4m1; adaptor-related protein complex AP-4, mu 1"	-3.31	0.41	0.00	-5.11	0.31	0.00
A_51_P302921	NM_021449	58799	Crbn; cereblon	-3.77	0.41	0.00	-4.12	0.34	0.00
A_51_P409496	AK032639	228482	Arhgap11a; Rho GTPase activating protein 11A	-2.71	0.41	0.00	-3.38	0.50	0.00
A_51_P178063	NM_009025	19414	Rasa3; RAS p21 protein activator 3	-3.55	0.41	0.00	-3.77	0.41	0.00

A_51_P458384	BC019690	67760	"Slc38a2; solute carrier family 38, member 2"	-2.78	0.41	0.00	-5.77	0.24	0.00
A_51_P210059	AK077155	329972	4933414G08; hypothetical protein 4933414G08	-3.97	0.41	0.00	-3.75	0.42	0.00
A_51_P111049	AK082330	235527	Plscr4; phospholipid scramblase 4	-2.88	0.41	0.00	-7.42	0.22	0.00
A_51_P409452	NM_008770	18417	Cldn11; claudin 11	-3.50	0.41	0.00	-5.18	0.15	0.00
A_51_P462258	NM_009615	11491	Adam17; a disintegrin and metalloproteinase domain 17	-3.13	0.41	0.00	-3.79	0.40	0.00
A_51_P443569	NM_023431	68114	Mum1; melanoma associated antigen (mutated) 1	-3.70	0.41	0.00	-2.33	0.62	0.03
A_51_P398376	NM_021364	23845	"Clecsf5; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 5"	-3.02	0.40	0.00	-3.12	0.48	0.00
A_51_P238786	NM_008562	17210	Mcl1; myeloid cell leukemia sequence 1	-3.44	0.40	0.00	-3.59	0.39	0.00
A_51_P391996	BC011329	110208	Pgd; phosphogluconate dehydrogenase	-3.03	0.40	0.00	-4.21	0.37	0.00
A_51_P312979	BC026601	233235	Nav2; neuron navigator 2	-3.37	0.40	0.00	-6.21	0.26	0.00
A_51_P365980	AK084773	69551	2310022B05Rik; RIKEN cDNA 2310022B05 gene	-3.11	0.40	0.00	-3.27	0.40	0.00
A_51_P503866	AB042828	192193	"Edem1; ER degradation enhancer, mannosidase alpha-like 1"	-3.28	0.40	0.00	-5.27	0.28	0.00
A_51_P223665	NM_007951	13877	Erh; enhancer of rudimentary homolog (Drosophila)	-2.77	0.40	0.00	-1.89	0.62	0.05
A_51_P197509	AK088800	245867	5330414D10Rik; RIKEN cDNA 5330414D10 gene	-3.16	0.40	0.00	-6.11	0.12	0.00
A_51_P185121	NM_026499	67996	"Sfrs6; splicing factor, arginine/serine-rich 6"	-2.77	0.40	0.00	-3.76	0.38	0.00
A_51_P497768	AK040991	215456	A530057A03Rik; RIKEN cDNA A530057A03 gene	-3.13	0.40	0.00	-2.03	0.61	0.03
A_51_P296129	NM_009154	20356	"Sema5a; sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A"	-3.48	0.40	0.00	-2.55	0.49	0.00
A_51_P423981	NM_021281	13040	Ctss; cathepsin S	-3.72	0.40	0.00	-1.94	0.50	0.05

A_51_P311659	AK031823	14682	"Gnaq; guanine nucleotide binding protein, alpha q polypeptide"	-3.47	0.40	0.00	-5.16	0.31	0.00
A_51_P175262	NM_011057	18591	"Pdgfb; platelet derived growth factor, B polypeptide"	-3.10	0.40	0.00	-1.84	0.64	0.08
A_51_P330589	AK030688	226421	5430435G22Rik; RIKEN cDNA 5430435G22 gene	-3.31	0.40	0.00	-4.46	0.39	0.00
A_51_P308362	S64760			-2.42	0.40	0.00	-2.57	0.35	0.00
A_51_P225957	M29395	22247	Umps; uridine monophosphate synthetase	-2.78	0.40	0.00	-2.40	0.53	0.03
A_51_P144825	NM_009906	12751	"Cln2; ceroid-lipofuscinosis, neuronal 2"	-3.43	0.39	0.00	-3.95	0.38	0.00
A_51_P158922	AK081874	105787	"Prkaa1; protein kinase, AMP-activated, alpha 1 catalytic subunit"	-2.97	0.39	0.00	-4.35	0.39	0.00
A_51_P399697	NM_007830	13167	Dbi; diazepam binding inhibitor	-3.96	0.39	0.00	-1.86	0.59	0.07
A_51_P139745	M35797	110460	Acat2; acetyl-Coenzyme A acetyltransferase 2	-3.44	0.39	0.00	-3.44	0.50	0.00
A_51_P294095	BC003461	19084	"Prkar1a; protein kinase, cAMP dependent regulatory, type I, alpha"	-2.98	0.39	0.00	-4.25	0.30	0.00
A_51_P165934	AK010619	18673	Phb; prohibitin	-3.82	0.39	0.00	-2.38	0.54	0.03
A_51_P439857	AK020688	78244	9930116P15Rik; RIKEN cDNA 9930116P15 gene	-3.37	0.39	0.00	-3.60	0.44	0.00
A_51_P358112	AB072976	76267	Fads1; fatty acid desaturase 1	-3.62	0.39	0.00	-4.04	0.44	0.00
A_51_P310896	NM_008826	18641	"Pfkf; phosphofructokinase, liver, B-type"	-3.22	0.39	0.00	-2.28	0.53	0.02
A_51_P220681	AK005077	11676	"Aldoc; aldolase 3, C isoform"	-3.50	0.39	0.00	-6.54	0.26	0.00
A_51_P488399	NM_019811	60525	Acas2; acetyl-Coenzyme A synthetase 2 (ADP forming)	-3.67	0.39	0.00	-6.87	0.24	0.00
A_51_P312482	NM_026613	68201	2810027O19Rik; RIKEN cDNA 2810027O19 gene	-3.37	0.39	0.00	-1.48	0.71	0.71
A_51_P502957	NM_011505	20913	Stxbp4; syntaxin binding protein 4	-3.09	0.39	0.00	-4.82	0.35	0.00
A_51_P499910	NM_010407	15162	Hck; hemopoietic cell kinase	-3.85	0.39	0.00	-8.07	0.23	0.00
A_51_P337089	AK013116	69270	2810418N01Rik; RIKEN cDNA 2810418N01 gene	-3.64	0.38	0.00	-1.75	0.65	0.10
A_51_P466180	NM_010299	14667	Gm2a; GM2 ganglioside activator protein	-3.71	0.38	0.00	-3.51	0.46	0.00
A_51_P236283	AK087504	224903	Safb; scaffold attachment factor B	-3.18	0.38	0.00	-2.43	0.52	0.01

A_51_P273538	NM_027954	71846	1700013H19Rik; RIKEN cDNA 1700013H19 gene	-3.66	0.38	0.00	-2.61	0.59	0.00
A_51_P225668	NM_010784	17242	Mdk; midkine	-3.53	0.38	0.00	-2.96	0.45	0.00
A_51_P196605	AF316872	68943	Pink1; PTEN induced putative kinase 1	-3.26	0.38	0.00	-7.39	0.16	0.00
A_51_P465386	AK008974	70166	2210418G03Rik; RIKEN cDNA 2210418G03 gene	-3.73	0.38	0.00	-3.02	0.47	0.00
A_51_P269687	AF036898	18974	"Pole2; polymerase (DNA directed), epsilon 2 (p59 subunit)"	-3.19	0.38	0.00	-3.41	0.37	0.00
A_51_P398517	NM_021540	59044	Rnf130; ring finger protein 130	-3.90	0.38	0.00	-2.25	0.48	0.02
A_51_P369683	U91922	13211	Dhx9; DEAH (Asp-Glu-Ala-His) box polypeptide 9	-2.83	0.38	0.00	-2.65	0.52	0.00
A_51_P235687	BC026209	11690	Alox5ap; arachidonate 5-lipoxygenase activating protein	-3.58	0.37	0.00	-4.63	0.34	0.00
A_51_P319031	NM_009945	12866	"Cox7a2; cytochrome c oxidase, subunit VIIa 2"	-2.35	0.37	0.00	-2.84	0.29	0.00
A_51_P151271	AK045250	75705	Eif4b; eukaryotic translation initiation factor 4B	-3.47	0.37	0.00	-5.34	0.25	0.00
A_51_P149469	NM_009608	11464	"Actc1; actin, alpha, cardiac"	-2.14	0.37	0.00	2.89	1.80	0.00
A_51_P155094	NM_026412	51944	"D2Ert750e; DNA segment, Chr 2, ERATO Doi 750, expressed"	-3.84	0.37	0.00	-5.14	0.34	0.00
A_51_P205953	NM_010448	15384	Hnrpab; heterogeneous nuclear ribonucleoprotein A/B	-3.13	0.37	0.00	-2.77	0.41	0.00
A_51_P124039	AK078816	108914	2700010L10Rik; RIKEN cDNA 2700010L10 gene	-3.39	0.37	0.00	-2.48	0.56	0.01
A_51_P511861	AK040471	15442	Hpse; heparanase	-3.67	0.37	0.00	-7.17	0.14	0.00
A_51_P198583	NM_008418	16491	"Kcna3; potassium voltage-gated channel, shaker-related subfamily, member 3"	-2.49	0.37	0.00	-1.53	0.69	0.52
A_51_P410927	AW825417	52391	"D9Ert662e; DNA segment, Chr 9, ERATO Doi 662, expressed"	-4.22	0.37	0.00	-5.07	0.33	0.00
A_51_P287329	NM_010161	14017	Evi2a; ecotropic viral integration site 2a	-3.51	0.37	0.00	-2.15	0.57	0.02
A_51_P261495	AK053463	329581	Birc7; baculoviral IAP repeat-containing 7 (livin)	-2.97	0.37	0.00	-1.75	0.63	0.12
A_51_P139364	AK087995	108767	Pnrc1; proline-rich nuclear receptor coactivator 1	-3.53	0.36	0.00	-5.29	0.25	0.00

A_51_P421244	NM_026662	110639	Prps2; phosphoribosyl pyrophosphate synthetase 2	-3.56	0.36	0.00	-6.65	0.22	0.00
A_51_P174192	AB001426	229841	Cenpe; centromere protein E	-3.66	0.36	0.00	-2.15	0.61	0.02
A_51_P180463	NM_007804	13048	Cutl2; cut-like 2 (Drosophila)	-3.05	0.36	0.00	-1.47	0.69	0.80
A_51_P278675	X65157	66395	2310047C17Rik; RIKEN cDNA 2310047C17 gene	-3.78	0.36	0.00	-6.44	0.23	0.00
A_51_P260368	NM_008420	16500	"Kcnb1; potassium voltage gated channel, Shab-related subfamily, member 1"	-3.60	0.36	0.00	-1.61	0.66	0.25
A_51_P333159	NM_026653	68275	Rpa1; replication protein A1	-3.48	0.36	0.00	-1.79	0.60	0.08
A_51_P174961	NM_007972	14058	F10; coagulation factor X	-3.42	0.36	0.00	-2.36	0.51	0.03
A_51_P435821	NM_028603	73680	2410081M15Rik; RIKEN cDNA 2410081M15 gene	-3.96	0.36	0.00	-3.47	0.38	0.00
A_51_P430973	NM_027995	71904	Mpra; membrane progesterin receptor alpha	-3.86	0.36	0.00	-3.62	0.36	0.00
A_51_P123986	AK038579	270685	Fthfsdc1; formyltetrahydrofolate synthetase domain containing 1	-4.00	0.36	0.00	-2.23	0.64	0.02
A_51_P337065	AK086050	319518	4930402E16Rik; RIKEN cDNA 4930402E16 gene	-3.26	0.36	0.00	-4.15	0.29	0.00
A_51_P386122	NM_011459	20725	"Serpina8; serine (or cysteine) proteinase inhibitor, clade B, member 8"	-3.40	0.36	0.00	-4.47	0.33	0.00
A_51_P164425	NM_025440	66242	Mrps16; mitochondrial ribosomal protein S16	-4.24	0.36	0.00	-5.67	0.27	0.00
A_51_P269546	NM_031253			-3.79	0.36	0.00	-3.32	0.46	0.00
A_51_P230878	NM_019499	56150	"Mad2l1; MAD2 (mitotic arrest deficient, homolog)-like 1 (yeast)"	-3.61	0.35	0.00	-1.69	0.65	0.17
A_51_P478061	NM_018770	54725	"Igsh4a; immunoglobulin superfamily, member 4A"	-3.63	0.35	0.00	-8.57	0.23	0.00
A_51_P405776	NM_175658			-3.88	0.35	0.00	-2.01	0.62	0.03
A_51_P490305	NM_023065	65972	Ifi30; interferon gamma inducible protein 30	-4.05	0.35	0.00	-2.22	0.56	0.02
A_51_P487964	NM_147033			-3.52	0.35	0.00	-2.35	0.54	0.03
A_51_P323880	AF378830			-2.64	0.35	0.00	-5.85	0.12	0.00
A_51_P190740	NM_007421	11565	Adssl1; adenylosuccinate synthetase like 1	-4.09	0.35	0.00	-6.15	0.20	0.00

A_51_P495831	AK080433	215387	Brn1; barren homolog (Drosophila)	-3.65	0.35	0.00	-2.69	0.59	0.00
A_51_P354500	NM_025828	66890	"Lman2; lectin, mannose-binding 2"	-4.21	0.34	0.00	-6.22	0.28	0.00
A_51_P281255	NM_016777	50927	Nasp; nuclear autoantigenic sperm protein (histone-binding)	-3.76	0.34	0.00	-2.78	0.45	0.00
A_51_P238523	AK039457	77552	9330132O05Rik; RIKEN cDNA 9330132O05 gene	-3.83	0.34	0.00	-1.46	0.75	0.80
A_51_P385054	NM_011035	18479	Pak1; p21 (CDKN1A)-activated kinase 1	-3.51	0.34	0.00	-2.77	0.47	0.00
A_51_P130994	NM_024473	79555	BC005537; cDNA sequence BC005537	-3.29	0.34	0.00	-2.72	0.38	0.00
A_51_P251736	AK013146	13476	Dp1; deleted in polyposis 1	-3.87	0.34	0.00	-2.14	0.61	0.02
A_51_P320852	NM_007657	12527	Cd9; CD9 antigen	-2.98	0.34	0.00	-3.57	0.28	0.00
A_51_P139096	AK007241	76651	1700122O11Rik; RIKEN cDNA 1700122O11 gene	-2.59	0.34	0.00	-2.76	0.45	0.00
A_51_P484537	NM_008017	14211	Smc2l1; SMC2 structural maintenance of chromosomes 2-like 1 (yeast)	-4.01	0.34	0.00	-3.51	0.50	0.00
A_51_P149291	AK076103	234407	Glt25d1; glycosyltransferase 25 domain containing 1	-4.33	0.33	0.00	-3.49	0.47	0.00
A_51_P298355	AK033451	110052	Dek; DEK oncogene (DNA binding)	-3.74	0.33	0.00	-2.55	0.54	0.00
A_51_P208355	NM_025676	66634	Mcm8; minichromosome maintenance deficient 8 (S. cerevisiae)	-3.87	0.33	0.00	-2.32	0.52	0.03
A_51_P286665	U27177	19650	Rbl1; retinoblastoma-like 1 (p107)	-4.12	0.33	0.00	-1.99	0.55	0.04
A_51_P158210	NM_008564	17216	Mcm2; minichromosome maintenance deficient 2 mitotin (S. cerevisiae)	-3.89	0.33	0.00	-1.45	0.60	0.90
A_51_P505538	NM_010424	15216	Hfe; hemochromatosis	-3.38	0.33	0.00	-2.70	0.53	0.00
A_51_P274363	NM_008660			-4.13	0.33	0.00	-4.25	0.45	0.00
A_51_P468971	NM_033589	93724	"Pcdhga12; protocadherin gamma subfamily A, 12"	-3.80	0.33	0.00	-3.91	0.39	0.00
A_51_P149013	AK049032	98952	C230093N12Rik; RIKEN cDNA C230093N12 gene	-3.83	0.33	0.00	-3.52	0.38	0.00
A_51_P314285	NM_026436	67893	1810054O13Rik; RIKEN cDNA 1810054O13 gene	-4.05	0.33	0.00	-3.86	0.35	0.00
A_51_P467751	NM_133970	52120	"D8Ert354e; DNA segment, Chr 8, ERATO Doi 354, expressed"	-4.08	0.33	0.00	-1.85	0.68	0.07
A_51_P103659	BY272026	22151	"Tubb2; tubulin, beta 2"	-4.07	0.32	0.00	-1.66	0.67	0.19
A_51_P214977	NM_013454	11303	"Abca1; ATP-binding cassette, sub-family A (ABC1), member 1"	-4.38	0.32	0.00	-3.27	0.52	0.00

A_51_P289423	NG_001523			-4.21	0.32	0.00	-3.79	0.44	0.00
A_51_P484959	NM_030566	70314	"Rabep2; rabaptin, RAB GTPase binding effector protein 2"	-3.27	0.32	0.00	-4.68	0.36	0.00
A_51_P383301	NM_009516	22390	Wee1; wee 1 homolog (S. pombe)	-4.37	0.32	0.00	-2.67	0.53	0.00
A_51_P262600	AK014686	330010	4833412E22Rik; RIKEN cDNA 4833412E22 gene	-4.37	0.32	0.00	-2.90	0.53	0.00
A_51_P319070	NM_026159	67442	0610039N19Rik; RIKEN cDNA 0610039N19 gene	-4.32	0.32	0.00	-3.30	0.49	0.00
A_51_P508289	NM_010145	13849	"Ephx1; epoxide hydrolase 1, microsomal"	-4.71	0.32	0.00	-10.27	0.11	0.00
A_51_P179918	AK033563	234673	Ces5; carboxylesterase 5	-4.20	0.32	0.00	-1.76	0.62	0.10
A_51_P319449	AK032097	110446	Acat1; acetyl-Coenzyme A acetyltransferase 1	-3.97	0.32	0.00	-2.15	0.43	0.02
A_51_P411728	AK041243	243219	2900026A02Rik; RIKEN cDNA 2900026A02 gene	-4.26	0.31	0.00	-5.32	0.29	0.00
A_51_P237383	NM_021472	58809	"Rnase4; ribonuclease, RNase A family 4"	-4.41	0.31	0.00	-8.52	0.17	0.00
A_51_P312166	NM_019663	56469	Pias1; protein inhibitor of activated STAT 1	-4.30	0.31	0.00	-2.06	0.57	0.03
A_51_P422625	AK050053	219144	Arl11; ADP-ribosylation factor-like 11	-4.08	0.31	0.00	-7.53	0.16	0.00
A_51_P281089	NM_011313	20200	S100a6; S100 calcium binding protein A6 (calcyclin)	-2.79	0.31	0.00	-1.85	0.61	0.07
A_51_P441387	AK082897	227227	C430010P07Rik; RIKEN cDNA C430010P07 gene	-3.77	0.31	0.00	-1.42	0.70	0.94
A_51_P489285	AK033132	76464	2310043D08Rik; RIKEN cDNA 2310043D08 gene	-4.52	0.31	0.00	-2.30	0.63	0.02
A_51_P176154	AK036935	320832	Sirpb; signal-regulatory protein beta	-4.63	0.30	0.00	-3.27	0.35	0.00
A_51_P240501	NM_026358	67749	4930583H14Rik; RIKEN cDNA 4930583H14 gene	-4.95	0.30	0.00	-4.09	0.38	0.00
A_51_P490509	NM_009773	12236	"Bub1b; budding uninhibited by benzimidazoles 1 homolog, beta (S. cerevisiae)"	-4.16	0.30	0.00	-2.62	0.52	0.00
A_51_P358683	AK087951	321019	Ebi2; Epstein-Barr virus induced gene 2	-4.98	0.30	0.00	-6.24	0.25	0.00
A_51_P137236	NM_019498	56177	Olfm1; olfactomedin 1	-3.78	0.30	0.00	-2.98	0.48	0.00
A_51_P227003	NM_016904	54124	Cks1b; CDC28 protein kinase 1b	-5.12	0.30	0.00	-2.07	0.58	0.03

A_51_P442964	AK017750	76464	2310043D08Rik; RIKEN cDNA 2310043D08 gene	-4.59	0.30	0.00	-2.14	0.58	0.02
A_51_P399825	NM_019391	16985	Lsp1; lymphocyte specific 1	-4.09	0.30	0.00	-3.22	0.28	0.00
A_51_P150648	NM_010684	16783	Lamp1; lysosomal membrane glycoprotein 1	-3.00	0.29	0.00	-1.60	0.53	0.25
A_51_P339898	AK029867	70472	"Atad2; ATPase family, AAA domain containing 2"	-4.70	0.29	0.00	-3.64	0.50	0.00
A_51_P204831	NM_007763	12925	Crip1; cysteine-rich protein 1 (intestinal)	-3.89	0.29	0.00	-4.21	0.37	0.00
A_51_P513530	AK076619	54141	Spag5; sperm associated antigen 5	-4.30	0.29	0.00	-2.09	0.60	0.02
A_51_P425288	AI847350	11676	"Aldoc; aldolase 3, C isoform"	-5.06	0.29	0.00	-5.21	0.23	0.00
A_51_P478952	NM_133898	70229	2410024N18Rik; RIKEN cDNA 2410024N18 gene	-4.54	0.28	0.00	-12.44	0.06	0.00
A_51_P162188	AK032809	218989	6720456H20Rik; RIKEN cDNA 6720456H20 gene	-4.55	0.28	0.00	-5.32	0.27	0.00
A_51_P341918	NM_009366	21807	Tgfb1i4; transforming growth factor beta 1 induced transcript 4	-4.39	0.28	0.00	-3.72	0.35	0.00
A_51_P489738	AK030361	227094	5330401P04Rik; RIKEN cDNA 5330401P04 gene	-3.96	0.28	0.00	-2.29	0.60	0.02
A_51_P309167	AK033604	319792	9130023H24Rik; RIKEN cDNA 9130023H24 gene	-3.88	0.28	0.00	-2.62	0.51	0.00
A_51_P281333	NM_018784	54613	"Siat10; sialyltransferase 10 (alpha-2,3- sialyltransferase VI)"	-4.27	0.28	0.00	-5.50	0.26	0.00
A_51_P349546	AK036799	235505	Cd109; CD109 antigen	-4.42	0.28	0.00	-6.71	0.17	0.00
A_51_P215077	NM_025569	66447	Mgst3; microsomal glutathione S-transferase 3	-5.20	0.28	0.00	-7.49	0.21	0.00
A_51_P408569	NM_009127	20249	Scd1; stearoyl-Coenzyme A desaturase 1	-4.97	0.28	0.00	-3.17	0.48	0.00
A_51_P481592	AK034534	80986	Ckap2; cytoskeleton associated protein 2	-5.24	0.28	0.00	-4.21	0.42	0.00
A_51_P302139	NM_025979	67121	Mastl; microtubule associated serine/threonine kinase-like	-4.98	0.27	0.00	-3.01	0.51	0.00
A_51_P230195	NM_172505	212427	A730008H23; hypothetical protein A730008H23	-4.93	0.27	0.00	-3.06	0.49	0.00
A_51_P197763	AK042448	68549	Sgol2; shugoshin-like 2 (S. pombe)	-4.45	0.27	0.00	-3.05	0.52	0.00
A_51_P481920	NM_009828	12428	Ccna2; cyclin A2	-4.95	0.27	0.00	-4.30	0.38	0.00

A_51_P100746	AK088719	76131	Depdc1a; DEP domain containing 1a	-5.38	0.27	0.00	-2.77	0.57	0.00
A_51_P283774	AF378760	72324	Plxdc1; plexin domain containing 1	-4.39	0.26	0.00	-4.31	0.33	0.00
A_51_P518534	AK031291	244745	1100001I19Rik; RIKEN cDNA 1100001I19 gene	-4.49	0.26	0.00	-4.53	0.33	0.00
A_51_P461319	NM_025961	67092	Gatm; glycine amidinotransferase (L-arginine:glycine amidinotransferase)	-4.22	0.26	0.00	-5.08	0.23	0.00
A_51_P412050	NM_013550	360198	"Hist1h3a; histone 1, H3a"	-2.86	0.26	0.00	-4.74	0.26	0.00
A_51_P502082	NM_009103	20133	Rrm1; ribonucleotide reductase M1	-4.09	0.26	0.00	-2.31	0.61	0.02
A_51_P315595	BC006023			-3.74	0.25	0.00	-6.37	0.16	0.00
A_51_P426975	NM_033596	97122	"Hist2h4; histone 2, H4"	-4.76	0.25	0.00	-4.72	0.26	0.00
A_51_P461228	AK054412	76843	2810047L02Rik; RIKEN cDNA 2810047L02 gene	-5.65	0.25	0.00	-3.23	0.44	0.00
A_51_P353042	AK012040	70466	2610318C08Rik; RIKEN cDNA 2610318C08 gene	-5.44	0.24	0.00	-3.12	0.57	0.00
A_51_P220222	NM_011524	21335	"Tacc3; transforming, acidic coiled-coil containing protein 3"	-4.74	0.24	0.00	-1.74	0.60	0.12
A_51_P314111	NM_133948	101739	Psip1; PC4 and SFRS1 interacting protein 1	-5.20	0.24	0.00	-3.57	0.35	0.00
A_51_P138185	NM_134083	105670	Chc1l; chromosome condensation 1-like	-5.43	0.24	0.00	-7.11	0.11	0.00
A_51_P503797	BC025901	52855	Lair1; leukocyte-associated Ig-like receptor 1	-5.22	0.24	0.00	-5.31	0.22	0.00
A_51_P330133	NM_025682	66645	Pspc1; paraspeckle protein 1	-4.54	0.24	0.00	-4.63	0.30	0.00
A_51_P371710	NM_133211	170743	Tlr7; toll-like receptor 7	-4.78	0.23	0.00	-7.18	0.16	0.00
A_51_P423465	BE572965	235505	Cd109; CD109 antigen	-5.85	0.23	0.00	-8.66	0.19	0.00
A_51_P136088	AK007642			-4.20	0.23	0.00	-2.94	0.48	0.00
A_51_P122582	AK087884	231871	E330036I19Rik; RIKEN cDNA E330036I19 gene	-4.31	0.23	0.00	-3.49	0.34	0.00
A_51_P222467	NM_009593	11307	"Abcg1; ATP-binding cassette, sub-family G (WHITE), member 1"	-4.65	0.22	0.00	-3.88	0.39	0.00
A_51_P195034	AK010391	71988	2410004I17Rik; RIKEN cDNA 2410004I17 gene	-5.22	0.22	0.00	-2.07	0.57	0.03
A_51_P466371	NM_008850	18738	Pitpn; phosphatidylinositol transfer protein	-4.80	0.22	0.00	-1.45	0.65	0.90
A_51_P406429	BC027196	228026	"Pdk1; pyruvate dehydrogenase kinase, isoenzyme 1"	-5.95	0.22	0.00	-7.24	0.22	0.00

A_51_P245532	BC020382			-3.96	0.22	0.00	-4.90	0.20	0.00
A_51_P453475	NM_009201	20514	"Slc1a5; solute carrier family 1 (neutral amino acid transporter), member 5"	-4.68	0.22	0.00	-2.11	0.44	0.02
A_51_P358633	NM_010790	17279	Melk; maternal embryonic leucine zipper kinase	-5.16	0.22	0.00	-2.17	0.57	0.02
A_51_P458149	NM_009445	22137	Ttk; Ttk protein kinase	-4.39	0.21	0.00	1.23	1.39	0.21
A_51_P431669	AK045277	78658	B130055D15Rik; RIKEN cDNA B130055D15 gene	-5.05	0.21	0.00	-3.14	0.36	0.00
A_51_P431531	CA322052	108961	4432406C08Rik; RIKEN cDNA 4432406C08 gene	-4.53	0.21	0.00	-1.70	0.69	0.15
A_51_P243744	NM_012025	26934	Racgap1; Rac GTPase-activating protein 1	-4.64	0.21	0.00	-1.93	0.57	0.05
A_51_P512525	AA239021	381295	LOC381295; similar to complement factor H-related protein	-5.54	0.20	0.00	-6.86	0.12	0.00
A_51_P444696	BC037136	108912	Cdca2; cell division cycle associated 2	-5.53	0.20	0.00	-4.56	0.37	0.00
A_51_P398967	NM_010517	16010	Igfbp4; insulin-like growth factor binding protein 4	-6.41	0.20	0.00	-6.48	0.30	0.00
A_51_P249232	NM_008972	19231	Ptma; prothymosin alpha	-4.68	0.20	0.00	-3.80	0.37	0.00
A_51_P182359	BY089283	319178	"Hist1h2bb; histone 1, H2bb"	-5.86	0.20	0.00	-4.19	0.29	0.00
A_51_P514561	AK038173			-4.87	0.19	0.00	-3.82	0.36	0.00
A_51_P482071	NM_175654	319156	"Hist1h4d; histone 1, H4d"	-4.65	0.19	0.00	-5.85	0.23	0.00
A_51_P123405	U89795	12235	Bub1; budding uninhibited by benzimidazoles 1 homolog (S. cerevisiae)	-5.39	0.18	0.00	-2.78	0.42	0.00
A_51_P401451	NM_009862	12544	Cdc45l; cell division cycle 45 homolog (S. cerevisiae)-like	-6.18	0.18	0.00	-2.69	0.50	0.00
A_51_P464769	AK052326	12316	Calmbp1; calmodulin binding protein 1	-6.07	0.18	0.00	-3.39	0.40	0.00
A_51_P127412	AB001432	209737	Knsl7; kinesin-like 7	-5.31	0.18	0.00	-6.20	0.22	0.00
A_51_P147942	NM_010512	16000	Igf1; insulin-like growth factor 1	-6.86	0.18	0.00	-5.69	0.18	0.00
A_51_P180140	NM_175663			-4.84	0.17	0.00	-3.31	0.43	0.00
A_51_P450033	NM_007659	12534	Cdc2a; cell division cycle 2 homolog A (S. pombe)	-7.51	0.17	0.00	-3.07	0.43	0.00
A_51_P140017	NM_021476	58861	Cysl1r1; cysteinyl leukotriene receptor 1	-2.40	0.17	0.00	-6.86	0.11	0.00
A_51_P262208	NM_008404	16414	Itgb2; integrin beta 2	-7.01	0.17	0.00	-3.57	0.43	0.00

A_51_P326502	NM_007691	12649	Chek1; checkpoint kinase 1 homolog (S. pombe)	-6.28	0.16	0.00	-1.80	0.64	0.08
A_51_P129464	NM_009128	20250	Scd2; stearyl-Coenzyme A desaturase 2	-5.29	0.16	0.00	-4.55	0.28	0.00
A_51_P428345	NM_020007	56758	Mbnl1; muscleblind-like 1 (Drosophila)	-6.36	0.16	0.00	-7.02	0.23	0.00
A_51_P155152	NM_020332	11732	Ank; progressive ankylosis	-6.47	0.16	0.00	-6.93	0.29	0.00
A_51_P337655	NM_025853	66934	1700022L09Rik; RIKEN cDNA 1700022L09 gene	-5.82	0.16	0.00	-4.30	0.40	0.00
A_51_P324934	BC020400	17215	Mcm3; minichromosome maintenance deficient 3 (S. cerevisiae)	-5.84	0.15	0.00	-1.51	0.61	0.61
A_51_P273979	NM_007681	12615	Cenpa; centromere autoantigen A	-6.57	0.14	0.00	-5.44	0.23	0.00
A_51_P230098	NM_023209	52033	Pbk; PDZ binding kinase	-6.88	0.14	0.00	-2.93	0.51	0.00
A_51_P237512	NM_025377	66140	1110001A07Rik; RIKEN cDNA 1110001A07 gene	-6.22	0.14	0.00	-2.92	0.52	0.00
A_51_P252157	NM_011623	21973	Top2a; topoisomerase (DNA) II alpha	-8.18	0.14	0.00	-4.08	0.37	0.00
A_51_P513682	NM_023284	66977	Cdca1; cell division cycle associated 1	-7.59	0.14	0.00	-4.34	0.46	0.00
A_51_P458748	NM_013552	15366	Hmmr; hyaluronan mediated motility receptor (RHAMM)	-5.83	0.13	0.00	-6.66	0.20	0.00
A_51_P313896	AK013624	68743	"Anln; anillin, actin binding protein (scraps homolog, Drosophila)"	-7.63	0.13	0.00	-5.19	0.33	0.00
A_51_P205242	AK049225	240641	Mphosph1; M-phase phosphoprotein 1	-7.01	0.13	0.00	-5.49	0.26	0.00
A_51_P305311	NM_008873	18792	"Plau; plasminogen activator, urokinase"	-7.54	0.13	0.00	-7.23	0.24	0.00
A_51_P327322	NM_021790	60411	Solt; SoxLZ/Sox6 leucine zipper binding protein in testis	-7.81	0.12	0.00	-3.45	0.40	0.00
A_51_P265660	BG915576	14211	Smc2l1; SMC2 structural maintenance of chromosomes 2-like 1 (yeast)	-6.97	0.12	0.00	-4.72	0.32	0.00
A_51_P415905	NM_008892	18968	"Pola1; polymerase (DNA directed), alpha 1"	-7.30	0.11	0.00	-3.80	0.38	0.00
A_51_P497332	NM_008709	18109	Nmyc1; neuroblastoma myc-related oncogene 1	-6.17	0.11	0.00	-6.42	0.26	0.00
A_51_P365885	NM_007779	12978	Csf1r; colony stimulating factor 1 receptor	-7.36	0.10	0.00	-7.67	0.15	0.00
A_51_P287093	NM_007629			-6.71	0.10	0.00	-3.41	0.44	0.00
A_51_P134468	NM_033075	110956	"D17H6S56E-5; DNA segment, Chr 17, human D6S56E 5"	-6.01	0.09	0.00	-6.77	0.22	0.00
A_51_P495641	AK012231	16765	Stmn1; stathmin 1	-7.87	0.08	0.00	-4.15	0.31	0.00

A_51_P324287	BC028559	71819	Kif23; kinesin family member 23	-9.91	0.07	0.00	-6.67	0.24	0.00
A_51_P110689	NM_009104	20135	Rrm2; ribonucleotide reductase M2	-6.96	0.06	0.00	-1.51	0.50	0.61
A_51_P246166	NM_007969	14038	Expi; extracellular proteinase inhibitor	8.60	14.46	0.00			
A_51_P119077	NM_011018	18412	Sqstm1; sequestosome 1	5.04	5.47	0.00			
A_51_P132185	M92417	20861	Stfa1; stefin A1	4.46	4.34	0.00			
A_51_P326439	NM_009802	12353	Car6; carbonic anhydrase 6	5.63	4.10	0.00			
A_51_P511787	NM_007609	12363	"Casp4; caspase 4, apoptosis-related cysteine protease"	5.14	3.95	0.00			
A_51_P288193	BC018309	12226	"Btg1; B-cell translocation gene 1, anti-proliferative"	4.19	3.59	0.00			
A_51_P462311	NM_023422	68024	"Hist1h2bc; histone 1, H2bc"	3.68	3.48	0.00			
A_51_P374489	NM_031252	83430	"Il23a; interleukin 23, alpha subunit p19"	4.15	3.34	0.00			
A_51_P286488	NM_133662	15937	Ier3; immediate early response 3	3.79	3.33	0.00			
A_51_P246317	AK002567	17750	Mt2; metallothionein 2	2.62	3.25	0.00			
A_51_P225186	NM_018782	54598	Calcrl; calcitonin receptor-like	3.58	2.94	0.00			
A_51_P296608	NM_007836	13197	Gadd45a; growth arrest and DNA-damage-inducible 45 alpha	4.67	2.91	0.00			
A_51_P296682	NM_010098	13603	Opn3; opsin (encephalopsin)	3.70	2.89	0.00			
A_51_P494241	NM_007534	12045	Bcl2a1b; B-cell leukemia/lymphoma 2 related protein A1b	3.73	2.80	0.00			
A_51_P375201	U21392	12795	Plk3; polo-like kinase 3 (Drosophila)	3.66	2.79	0.00			
A_51_P207403	NM_133993	103136	2310058A11Rik; RIKEN cDNA 2310058A11 gene	4.02	2.77	0.00			
A_51_P445392	AK076211	67948	Fbxo28; F-box protein 28	1.75	2.65	0.03			
A_51_P265685	NM_026673	68316	0610008C08Rik; RIKEN cDNA 0610008C08 gene	2.85	2.59	0.00			
A_51_P300630	AK048731	209212	BC010311; cDNA sequence BC010311	2.67	2.56	0.00			
A_51_P258150	NM_007408	11520	Adfp; adipose differentiation related protein	3.21	2.52	0.00			
A_51_P434301	NM_026656	68279	Mcoln2; mucolipin 2	2.72	2.49	0.00			
A_51_P379660	NM_019914	56772	AI839562; expressed sequence AI839562	2.07	2.42	0.00			
A_51_P209261	NM_021507	59010	Sqrdl; sulfide quinone reductase-like (yeast)	3.16	2.42	0.00			
A_51_P141560	NG_001886			1.79	2.34	0.03			

A_51_P387810	BC004031	71586	Ifih1; interferon induced with helicase C domain 1	2.83	2.33	0.00			
A_51_P281593	AK007542	71910	Ppapdc1; phosphatidic acid phosphatase type 2 domain containing 1	2.82	2.31	0.00			
A_51_P455647	NM_009801	12349	Car2; carbonic anhydrase 2	2.22	2.28	0.00			
A_51_P414396	AK078470	105450	Mmrn2; multimerin 2	2.28	2.27	0.00			
A_51_P348492	NM_009121	20229	Sat1; spermidine/spermine N1-acetyl transferase 1	2.59	2.25	0.00			
A_51_P245960	NM_009883	12608	"Cebpb; CCAAT/enhancer binding protein (C/EBP), beta"	2.42	2.24	0.00			
A_51_P329243	AK016295	99887	4930577M16Rik; RIKEN cDNA 4930577M16 gene	1.99	2.19	0.00			
A_51_P443403	NM_022316	64075	Smoc1; SPARC related modular calcium binding 1	2.45	2.13	0.00			
A_51_P186469	NM_027498	70661	BC033915; cDNA sequence BC033915	3.05	2.13	0.00			
A_51_P289131	NM_010059	13404	Dmc1h; disrupted meiotic cDNA 1 homolog	1.73	2.08	0.03			
A_51_P156857	NM_134133	106878	2010002N04Rik; RIKEN cDNA 2010002N04 gene	2.54	2.07	0.00			
A_51_P469008	NM_010119	13660	Ehd1; EH-domain containing 1	2.35	2.07	0.00			
A_51_P149025	AK032094	319535	6330583I20Rik; RIKEN cDNA 6330583I20 gene	1.49	2.07	0.15			
A_51_P254034	NM_011611	21939	"Tnfrsf5; tumor necrosis factor receptor superfamily, member 5"	2.48	2.04	0.00			
A_51_P222013	AK036528	213391	Rassf4; Ras association (RalGDS/AF-6) domain family 4	2.58	2.04	0.00			
A_51_P185941	NM_019658	56392	Shoc2; soc-2 (suppressor of clear) homolog (C. elegans)	2.34	2.04	0.00			
A_51_P111259	NM_026373	52004	"D19Ert144e; DNA segment, Chr 19, ERATO Doi 144, expressed"	1.22	2.03	0.50			
A_51_P380572	AK016678	108812	4933425F06Rik; RIKEN cDNA 4933425F06 gene	2.03	2.01	0.00			
A_51_P497171	NM_008534	17085	Ly9; lymphocyte antigen 9	2.70	2.00	0.00			
A_51_P459647	AF057285	13854	Epn1; epsin 1	2.47	1.97	0.00			
A_51_P276965	NG_001794			1.74	1.97	0.03			

A_51_P144348	BE372171	207521	Dtx4; deltex 4 homolog (Drosophila)	2.86	1.97	0.00			
A_51_P301804	NM_009177	20442	"Siat4a; sialyltransferase 4A (beta-galactoside alpha-2,3-sialyltransferase)"	2.38	1.95	0.00			
A_51_P512801	NM_009667	11717	Ampd3; AMP deaminase 3	1.99	1.95	0.00			
A_51_P486738	NM_010247	14375	G22p1; thyroid autoantigen	-2.62	0.51	0.00			
A_51_P466359	AK044841	71085	Arhgap19; Rho GTPase activating protein 19	-1.84	0.51	0.00			
A_51_P375693	AK028846	72759	2810439K08Rik; RIKEN cDNA 2810439K08 gene	-1.76	0.51	0.00			
A_51_P139864	AK045530	73385	1700047I17Rik; RIKEN cDNA 1700047I17 gene	-2.20	0.51	0.00			
A_51_P186053	NM_026041	67223	2810430M08Rik; RIKEN cDNA 2810430M08 gene	-2.11	0.51	0.00			
A_51_P514300	NM_009447	22145	"Tuba4; tubulin, alpha 4"	-2.19	0.51	0.00			
A_51_P214306	BC011095	219072	"D14Ertd500e; DNA segment, Chr 14, ERATO Doi 500, expressed"	-2.68	0.51	0.00			
A_51_P449624	BC004768	381280	6430706D22Rik; RIKEN cDNA 6430706D22 gene	-1.98	0.51	0.00			
A_51_P294161	AK046429	71643	4930422G04Rik; RIKEN cDNA 4930422G04 gene	-2.76	0.51	0.00			
A_51_P520776	BB475090	12914	Crebbp; CREB binding protein	-2.20	0.51	0.00			
A_51_P241933	NM_013921	30943	"Tmprss8; transmembrane protease, serine 8 (intestinal)"	-2.77	0.51	0.00			
A_51_P257675	AK030740	72480	"D10Bwg0791e; DNA segment, Chr 10, Brigham & Women's Genetics 0791 expressed"	-1.76	0.51	0.00			
A_51_P224216	NM_020582	57423	"Atp5j2; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit f, isoform 2"	-2.20	0.51	0.00			
A_51_P355083	NG_001953			-2.23	0.51	0.00			
A_51_P134816	NM_026929	69065	1810008K03Rik; RIKEN cDNA 1810008K03 gene	-2.34	0.51	0.00			
A_51_P224275	NG_001894			-2.04	0.51	0.00			
A_51_P369200	AK090101	72119	"Tpx2; TPX2, microtubule-associated protein homolog (Xenopus laevis)"	-2.83	0.50	0.00			

A_51_P422839	NM_133888	100340	"Smpdl3b; sphingomyelin phosphodiesterase, acid-like 3B"	-2.29	0.50	0.00			
A_51_P408506	BC008626	15894	Icam1; intercellular adhesion molecule	-2.13	0.50	0.00			
A_51_P409509	AK012491	268373	Ppia; peptidylprolyl isomerase A	-1.76	0.50	0.00			
A_51_P383489	NM_021891	60530	Figl1; fidgetin-like 1	-2.65	0.50	0.00			
A_51_P484802	AK077732	66505	"Zmynd11; zinc finger, MYND domain containing 11"	-1.75	0.50	0.00			
A_51_P455897	NM_144526	109212	6720460F02Rik; RIKEN cDNA 6720460F02 gene	-2.02	0.50	0.00			
A_51_P288026	AK077681	230376	6230416J20Rik; RIKEN cDNA 6230416J20 gene	-2.51	0.50	0.00			
A_51_P170772	AK077918	330554	6030441H18Rik; RIKEN cDNA 6030441H18 gene	-2.74	0.50	0.00			
A_51_P509609	NM_053082	64540	Tm4sf7; transmembrane 4 superfamily member 7	-2.29	0.50	0.00			
A_51_P296796	BC011230	70021	2510015F01Rik; RIKEN cDNA 2510015F01 gene	-2.40	0.50	0.00			
A_51_P266517	NM_016756	12566	Cdk2; cyclin-dependent kinase 2	-2.26	0.49	0.00			
A_51_P469332	AK034607	72668	2810030E01Rik; RIKEN cDNA 2810030E01 gene	-2.52	0.49	0.00			
A_51_P121236	NM_022654	57913	Lrdd; leucine-rich and death domain containing	-2.27	0.49	0.00			
A_51_P346679	E03802			-2.73	0.49	0.00			
A_51_P397363	NM_009196	20501	"Slc16a1; solute carrier family 16 (monocarboxylic acid transporters), member 1"	-2.43	0.49	0.00			
A_51_P351371	M30774	22172	"Tyms-ps; thymidylate synthase, pseudogene"	-2.76	0.49	0.00			
A_51_P114049	NM_134142	68539	1110006I15Rik; RIKEN cDNA 1110006I15 gene	-2.02	0.49	0.00			
A_51_P224445	BC003341	68080	"D5Ert708e; DNA segment, Chr 5, ERATO Doi 708, expressed"	-3.25	0.49	0.00			
A_51_P400784	NM_010447	15382	Hnrpa1; heterogeneous nuclear ribonucleoprotein A1	-2.02	0.48	0.00			

A_51_P285691	AK089989	72568	2700022J23Rik; RIKEN cDNA 2700022J23 gene	-2.98	0.48	0.00			
A_51_P141970	BU706903	68114	Mum1; melanoma associated antigen (mutated) 1	-2.62	0.48	0.00			
A_51_P476334	AK043196	214254	Nudt15; nudix (nucleoside diphosphate linked moiety X)-type motif 15	-2.70	0.48	0.00			
A_51_P348804	NM_019764	56332	Amotl2; angiomin like 2	-2.41	0.48	0.00			
A_51_P366931	AK088576	233406	Prc1; protein regulator of cytokinesis 1	-2.57	0.48	0.00			
A_51_P200477	AA242316	15525	Hspa4; heat shock protein 4	-1.51	0.48	0.03			
A_51_P123047	NM_019710	24061	Smc11; SMC (structural maintenance of chromosomes 1)-like 1 (S. cerevisiae)	-2.99	0.48	0.00			
A_51_P462658	NM_008431	16528	"Kcnk4; potassium channel, subfamily K, member 4"	-2.29	0.48	0.00			
A_51_P262340	NM_016809	19652	Rbm3; RNA binding motif protein 3	-1.98	0.48	0.00			
A_51_P361022	AK075998	107995	Cdc20; cell division cycle 20 homolog (S. cerevisiae)	-2.65	0.47	0.00			
A_51_P127615	NM_009193	20492	Slbp; stem-loop binding protein	-2.54	0.47	0.00			
A_51_P417025	NM_013837	22021	Tpst1; protein-tyrosine sulfotransferase 1	-2.18	0.47	0.00			
A_51_P180761	NM_008651	17864	Mybl1; myeloblastosis oncogene-like 1	-2.76	0.47	0.00			
A_51_P185175	NM_010219	14228	Fkbp4; FK506 binding protein 4	-3.02	0.47	0.00			
A_51_P471689	AK084617	236930	BC004701; cDNA sequence BC004701	-2.66	0.46	0.00			
A_51_P431996	AK033288	238673	Zfp367; zinc finger protein 367	-2.04	0.46	0.00			
A_51_P174314	Y17793	19876	Robo1; roundabout homolog 1 (Drosophila)	-3.07	0.46	0.00			
A_51_P419981	NM_016806	53379	Hnrpa2b1; heterogeneous nuclear ribonucleoprotein A2/B1	-2.60	0.46	0.00			
A_51_P189497	NM_009225	20638	Snrpb; small nuclear ribonucleoprotein B	-3.10	0.46	0.00			
A_51_P514700	NM_025565	66442	2600017H08Rik; RIKEN cDNA 2600017H08 gene	-2.81	0.46	0.00			
A_51_P470242	NM_009028	19428	"Ras12-9; RAS-like, family 2, locus 9"	-2.04	0.46	0.00			
A_51_P247153	NM_008258	15374	Hn1; hematological and neurological expressed sequence 1	-3.04	0.46	0.00			
A_51_P129826	NM_009830	12448	Ccne2; cyclin E2	-2.77	0.46	0.00			
A_51_P419768	NM_009061	19735	Rgs2; regulator of G-protein signaling 2	-2.47	0.46	0.00			

A_51_P489268	AJ237585	69788	1600023N17Rik; RIKEN cDNA 1600023N17 gene	-2.24	0.45	0.00			
A_51_P125467	U04710	16004	Igf2r; insulin-like growth factor 2 receptor	-2.95	0.45	0.00			
A_51_P314931	NM_030597	27756	"Lsm2; LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae)"	-2.09	0.45	0.00			
A_51_P366413	AK033346	320389	8030498J20Rik; RIKEN cDNA 8030498J20 gene	-3.05	0.45	0.00			
A_51_P433467	NM_007965	14026	Evl; Ena-vasodilator stimulated phosphoprotein	-2.80	0.45	0.00			
A_51_P501963	NM_021463	19139	Prps1; phosphoribosyl pyrophosphate synthetase 1	-2.17	0.45	0.00			
A_51_P385450	AK019809	223626	4930572J05Rik; RIKEN cDNA 4930572J05 gene	-3.47	0.45	0.00			
A_51_P271637	AW457339			-2.99	0.45	0.00			
A_51_P300759	BC016565	66101	Ppih; peptidyl prolyl isomerase H	-2.62	0.45	0.00			
A_51_P273556	AK009199	71878	2310007D09Rik; RIKEN cDNA 2310007D09 gene	-2.68	0.45	0.00			
A_51_P427742	NM_133829	98682	2210010L05Rik; RIKEN cDNA 2210010L05 gene	-2.44	0.44	0.00			
A_51_P351970	NM_008234	15201	"Hells; helicase, lymphoid specific"	-2.72	0.44	0.00			
A_51_P308447	AK087556	56459	Uble1a; ubiquitin-like 1 (sentrin) activating enzyme E1A	-2.88	0.44	0.00			
A_51_P120717	NM_010721	16906	Lmnb1; lamin B1	-3.00	0.44	0.00			
A_51_P142465	NM_011239	19385	Ranbp1; RAN binding protein 1	-1.88	0.43	0.00			
A_51_P457528	NM_007630	12442	Ccnb2; cyclin B2	-3.39	0.43	0.00			
A_51_P296416	NM_019716	56452	"Orc6l; origin recognition complex, subunit 6-like (S. cerevisiae)"	-2.94	0.43	0.00			
A_51_P398366	AK035663	22171	Tyms; thymidylate synthase	-2.72	0.43	0.00			
A_51_P378450	BC003335	106344	Rfc4; replication factor C (activator 1) 4	-3.19	0.42	0.00			
A_51_P170371	NM_031165	15481	Hspa8; heat shock protein 8	-2.91	0.42	0.00			
A_51_P448677	NM_008790	18545	Pcp2; Purkinje cell protein 2 (L7)	-2.83	0.42	0.00			
A_51_P239386	NM_133485	76142	"Ppp1r14c; protein phosphatase 1, regulatory (inhibitor) subunit 14c"	-2.69	0.42	0.00			
A_51_P349023	NM_026309	67678	"Lsm3; LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae)"	-3.47	0.42	0.00			

A_51_P175205	AK079278	76892	0610013E23Rik; RIKEN cDNA 0610013E23 gene	-2.53	0.42	0.00			
A_51_P193980	NG_001390			-3.36	0.42	0.00			
A_51_P371194	AK008704	30939	Pttg1; pituitary tumor-transforming 1	-3.70	0.42	0.00			
A_51_P164981	NM_023709	73647	Capn9; calpain 9 (nCL-4)	-3.26	0.42	0.00			
A_51_P204402	NM_011369	20419	Shcbp1; Shc SH2-domain binding protein 1	-2.52	0.41	0.00			
A_51_P419701	AY034062	68478	1110004P21Rik; RIKEN cDNA 1110004P21 gene	-3.28	0.41	0.00			
A_51_P342669	AK009905	18648	Pgam1; phosphoglycerate mutase 1	-2.21	0.41	0.00			
A_51_P483269	AK047463	270906	B930067F20Rik; RIKEN cDNA B930067F20 gene	-3.46	0.41	0.00			
A_51_P204772	BB255294			-2.57	0.41	0.00			
A_51_P262437	U14648			-3.03	0.41	0.00			
A_51_P145230	NG_001394			-3.39	0.41	0.00			
A_51_P425080	NM_008231	15191	Hdgf; hepatoma-derived growth factor	-3.19	0.41	0.00			
A_51_P384091	NM_009009	19357	Rad21; RAD21 homolog (S. pombe)	-2.73	0.40	0.00			
A_51_P338998	NM_008922	19076	"Prim2; DNA primase, p58 subunit"	-3.07	0.40	0.00			
A_51_P360590	NG_001387			-3.37	0.40	0.00			
A_51_P155966	BC027741	76915	2610034E18Rik; RIKEN cDNA 2610034E18 gene	-2.67	0.40	0.00			
A_51_P114385	NM_009031	245688	Rbbp7; retinoblastoma binding protein 7	-3.08	0.40	0.00			
A_51_P438859	NM_025928	67037	Pmf1; polyamine-modulated factor 1	-3.79	0.40	0.00			
A_51_P334199	BC014822	13845	Ephb3; Eph receptor B3	-3.46	0.40	0.00			
A_51_P451106	NM_009765	12190	Brca2; breast cancer 2	-2.70	0.39	0.00			
A_51_P155643	AK002490			-3.93	0.39	0.00			
A_51_P108759	NM_009015	19366	Rad54l; RAD54 like (S. cerevisiae)	-3.84	0.39	0.00			
A_51_P510441	NM_011514	20937	Suv39h1; suppressor of variegation 3-9 homolog 1 (Drosophila)	-2.30	0.39	0.00			
A_51_P291417	NM_009378	21824	Thbd; thrombomodulin	-2.83	0.39	0.00			
A_51_P302651	BC007170	235559	Topbp1; topoisomerase (DNA) II beta binding protein	-4.02	0.39	0.00			
A_51_P275808	NM_025863	66949	Trim59; tripartite motif-containing 59	-3.22	0.38	0.00			
A_51_P255931	BC022919	227613	4930542G03Rik; RIKEN cDNA 4930542G03 gene	-3.06	0.38	0.00			

A_51_P405766	NM_023136	21915	Dtymk; deoxythymidylate kinase	-3.43	0.38	0.00			
A_51_P235415	AK037199	244723	A030009A06Rik; RIKEN cDNA A030009A06 gene	-3.00	0.37	0.00			
A_51_P384318	NM_023143	50909	"C1r; complement component 1, r subcomponent"	-2.28	0.37	0.00			
A_51_P262759	NM_007631	12443	Ccnd1; cyclin D1	-3.36	0.37	0.00			
A_51_P506787	AK050375	53605	Nap1l1; nucleosome assembly protein 1-like 1	-2.77	0.37	0.00			
A_51_P474640	NM_010655	16647	Kpna2; karyopherin (importin) alpha 2	-3.24	0.36	0.00			
A_51_P269553	NM_010439	15289	Hmgb1; high mobility group box 1	-2.75	0.36	0.00			
A_51_P268234	AK008082	76527	2010004A03Rik; RIKEN cDNA 2010004A03 gene	-1.62	0.36	0.00			
A_51_P489935	NM_013627	18508	Pax6; paired box gene 6	-3.05	0.36	0.00			
A_51_P499945	NM_008252			-3.70	0.35	0.00			
A_51_P491742	NM_010931	18140	"Uhrf1; ubiquitin-like, containing PHD and RING finger domains, 1"	-4.02	0.35	0.00			
A_51_P360492	NM_008567	17219	"Mcm6; minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe) (S. cerevisiae)"	-3.64	0.35	0.00			
A_51_P234303	NM_011284	19891	Rpa2; replication protein A2	-3.49	0.35	0.00			
A_51_P359462	NM_019469	319190	"Hist2h2be; histone 2, H2be"	-2.45	0.35	0.00			
A_51_P424810	NM_133762	76044	5830426I05Rik; RIKEN cDNA 5830426I05 gene	-3.56	0.35	0.00			
A_51_P469449	NM_011677	22256	Ung; uracil-DNA glycosylase	-3.24	0.34	0.00			
A_51_P353657	NM_026515	68026	2810417H13Rik; RIKEN cDNA 2810417H13 gene	-3.02	0.34	0.00			
A_51_P227564	NM_027411	70385	2600001J17Rik; RIKEN cDNA 2600001J17 gene	-4.10	0.34	0.00			
A_51_P235775	NM_025979	67121	Mastl; microtubule associated serine/threonine kinase-like	-3.27	0.34	0.00			
A_51_P104789	NM_016957	15331	Hmgn2; high mobility group nucleosomal binding domain 2	-3.71	0.34	0.00			
A_51_P273713	NM_080428	50754	"Fbxw7; F-box and WD-40 domain protein 7, archipelago homolog (Drosophila)"	-2.21	0.32	0.00			

A_51_P456499	AK014697	75766	Tm7sf4; transmembrane 7 superfamily member 4	-4.14	0.31	0.00			
A_51_P437559	NM_011589	21853	Timeless; timeless homolog (Drosophila)	-4.89	0.31	0.00			
A_51_P418469	NM_023595	110074	Dutp; deoxyuridine triphosphatase	-4.08	0.31	0.00			
A_51_P254452	NM_025581	66468	2810433K01Rik; RIKEN cDNA 2810433K01 gene	-4.38	0.30	0.00			
A_51_P416509	NM_030609			-4.50	0.30	0.00			
A_51_P201137	NM_133815	98386	Lbr; lamin B receptor	-3.69	0.29	0.00			
A_51_P468408	NM_027923	71784	1110007C02Rik; RIKEN cDNA 1110007C02 gene	-3.94	0.28	0.00			
A_51_P492488	NM_013548	260423	"Hist1h3f; histone 1, H3f"	-3.26	0.28	0.00			
A_51_P330213	NM_024184	66929	Asf1b; ASF1 anti-silencing function 1 homolog B (S. cerevisiae)	-4.19	0.27	0.00			
A_51_P336721	BC016211	66131	Tipin; timeless interacting protein	-3.45	0.27	0.00			
A_51_P345159	NM_026024	67196	2700084L22Rik; RIKEN cDNA 2700084L22 gene	-2.72	0.27	0.00			
A_51_P481528	AK034156	320560	D030011O10Rik; RIKEN cDNA D030011O10 gene	-4.23	0.26	0.00			
A_51_P253803	X82786	17345	Mki67; antigen identified by monoclonal antibody Ki 67	-5.23	0.24	0.00			
A_51_P195153	NM_013882	29870	Gtse1; G two S phase expressed protein 1	-3.54	0.24	0.00			
A_51_P165704	NM_008568	17220	Mcm7; minichromosome maintenance deficient 7 (S. cerevisiae)	-3.48	0.24	0.00			
A_51_P118070	BQ925747	67048	2610030H06Rik; RIKEN cDNA 2610030H06 gene	-4.69	0.23	0.00			
A_51_P396351	NM_011045	18538	Pcna; proliferating cell nuclear antigen	-4.43	0.22	0.00			
A_51_P214209	AK011728	67629	2410030K01Rik; RIKEN cDNA 2410030K01 gene	-5.53	0.19	0.00			
A_51_P130015	NM_007900	13605	Ect2; ect2 oncogene	-4.05	0.18	0.00			
A_51_P509649	BC031396	74107	1200008O12Rik; RIKEN cDNA 1200008O12 gene	-5.33	0.11	0.00			
A_51_P415059	BC003261	20877	Aurkb; aurora kinase B	-5.66	0.10	0.00			

A_51_P512387	NM_011593	21857	Timp1; tissue inhibitor of metalloproteinase 1				11.32	13.16	0.00
A_51_P347634	AK036522	223433	BC052328; cDNA sequence BC052328				9.14	7.80	0.00
A_51_P442933	AK088051	320844	Amigo3; amphoterin induced gene and ORF 3				8.64	7.18	0.00
A_51_P334449	AF102524	18350	Olf50; olfactory receptor 50				8.31	7.15	0.00
A_51_P113403	AK089182	268512	"Slc26a11; solute carrier family 26, member 11"				4.97	6.69	0.00
A_51_P483499	NM_011453	20707	"Serp9c; serine (or cysteine) proteinase inhibitor, clade B, member 9c"				6.13	6.68	0.00
A_51_P440280	BE571330						7.59	6.23	0.00
A_51_P294849	AK087955	228033	"Atp5g3; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 3"				6.97	6.07	0.00
A_51_P247184	AK046712	319900	B430320C24Rik; RIKEN cDNA B430320C24 gene				6.03	6.03	0.00
A_51_P333697	AK052433	244071	D430020F16; hypothetical protein D430020F16				3.19	6.02	0.00
A_51_P426195	NM_008726	18158	Nppb; natriuretic peptide precursor type B				5.55	6.00	0.00
A_51_P279473	NM_019541	56094	Cts8; cathepsin 8				4.97	5.96	0.00
A_51_P494597	BC013712	230787	BC013712; cDNA sequence BC013712				7.45	5.96	0.00
A_51_P101247	BC006659	106298	Rrn3; RRN3 RNA polymerase I transcription factor homolog (yeast)				4.50	5.79	0.00
A_51_P110409	NM_010419	15208	Hes5; hairy and enhancer of split 5 (Drosophila)				6.52	5.72	0.00
A_51_P464398	AK046394	213084	Cdkl3; cyclin-dependent kinase-like 3				7.11	5.56	0.00
A_51_P422568	NG_001860						3.95	5.47	0.00
A_51_P403806	NM_028279	72560	Naalad2; N-acetylated alpha-linked acidic dipeptidase 2				7.41	5.35	0.00
A_51_P204109							6.90	5.22	0.00
A_51_P430388	NM_025362	66114	Wbscr18; Williams-Beuren syndrome chromosome region 18 homolog (human)				4.72	5.22	0.00

A_51_P171711	NM_020263	56808	"Cacna2d2; calcium channel, voltage-dependent, alpha 2/delta subunit 2"				5.19	5.17	0.00
A_51_P420774	AK033160	238386	Btbd7; BTB (POZ) domain containing 7				3.62	5.11	0.00
A_51_P183087	AK008151	320668	B930042K01Rik; RIKEN cDNA B930042K01 gene				5.26	5.06	0.00
A_51_P215288	AK014534	268400	D930040F23Rik; RIKEN cDNA D930040F23 gene				7.50	5.02	0.00
A_51_P429864	NM_013600	17687	Msh5; mutS homolog 5 (E. coli)				4.02	4.99	0.00
A_51_P495780	NM_020568	57435	"S3-12; plasma membrane associated protein, S3-12"				7.04	4.97	0.00
A_51_P237738	AK019619	384817	4930448N21Rik; RIKEN cDNA 4930448N21 gene				7.42	4.89	0.00
A_51_P248865	NM_010225	14238	Foxf2; forkhead box F2				5.16	4.88	0.00
A_51_P223724	NM_133235	170771	"Khdrbs2; KH domain containing, RNA binding, signal transduction associated 2"				6.37	4.86	0.00
A_51_P125825							4.89	4.80	0.00
A_51_P112407	NM_011113	18793	Plaur; urokinase plasminogen activator receptor				6.81	4.75	0.00
A_51_P399773	AK044448	241919	BC061928; cDNA sequence BC061928				5.87	4.75	0.00
A_51_P230176	NM_007529	12032	Bcan; brevican				7.04	4.75	0.00
A_51_P124388	AK035428	212980	2210413P12Rik; RIKEN cDNA 2210413P12 gene				4.91	4.58	0.00
A_51_P331090	NM_134126						6.20	4.55	0.00
A_51_P150879	NM_133743	72434	2310061G07Rik; RIKEN cDNA 2310061G07 gene				4.95	4.48	0.00
A_51_P463078	NM_025639	66570	2610019I03Rik; RIKEN cDNA 2610019I03 gene				3.77	4.47	0.00
A_51_P331805	AK034731	233107	Kctd15; potassium channel tetramerisation domain containing 15				4.34	4.45	0.00
A_51_P342748	NM_013640	19171	"Psmb10; proteasome (prosome, macropain) subunit, beta type 10"				4.95	4.44	0.00
A_51_P512947	AK042879	209462	"Hace1; HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1"				6.02	4.27	0.00

A_51_P107807	NG_001690						4.77	4.23	0.00
A_51_P209183	NM_019568	57266	Cxcl14; chemokine (C-X-C motif) ligand 14				4.24	4.23	0.00
A_51_P407565	AK049460	59026	Ureb1; upstream regulatory element binding protein 1e				5.56	4.19	0.00
A_51_P384120	BG081911						3.32	4.16	0.00
A_51_P153486	NM_018808	81489	"Dnajb1; DnaJ (Hsp40) homolog, subfamily B, member 1"				5.88	4.10	0.00
A_51_P298325	NM_025820	66877	"Crnkl1; Crn, crooked neck-like 1 (Drosophila)"				4.77	4.08	0.00
A_51_P140607	NM_138757	71177	4933424B01Rik; RIKEN cDNA 4933424B01 gene				6.07	4.06	0.00
A_51_P434928	NM_146287						4.24	4.06	0.00
A_51_P333965	NM_025902	67006	1500009M05Rik; RIKEN cDNA 1500009M05 gene				6.10	4.05	0.00
A_51_P151020	NM_009407	21958	Tnp1; transition protein 1				5.86	3.99	0.00
A_51_P499623	AK020928	77836	Mlana; melan-A				4.59	3.99	0.00
A_51_P220813	NM_010315	14702	"Gng2; guanine nucleotide binding protein (G protein), gamma 2 subunit"				5.53	3.98	0.00
A_51_P161008	BG080322						6.81	3.97	0.00
A_51_P402225	BC023353	104816	A530050D06Rik; RIKEN cDNA A530050D06 gene				4.11	3.97	0.00
A_51_P104409	AK016425	75718	4931403E03Rik; RIKEN cDNA 4931403E03 gene				4.20	3.96	0.00
A_51_P147766	AK042692	211232	A730016F12Rik; RIKEN cDNA A730016F12 gene				4.55	3.93	0.00
A_51_P326555	NM_026105	67358	1700093K21Rik; RIKEN cDNA 1700093K21 gene				5.41	3.90	0.00
A_51_P389597	NM_008387	16334	Ins2; insulin II				4.41	3.90	0.00
A_51_P444927	X68883	18423	Otx1; orthodenticle homolog 1 (Drosophila)				4.13	3.90	0.00
A_51_P378381	AK017076	71296	4933436C20Rik; RIKEN cDNA 4933436C20 gene				5.88	3.90	0.00
A_51_P103946							6.30	3.89	0.00

A_51_P178887	NM_008642	70189	2010015P12Rik; RIKEN cDNA 2010015P12 gene				6.08	3.89	0.00
A_51_P286146	NM_139300	107589	"Mylk; myosin, light polypeptide kinase"				5.89	3.88	0.00
A_51_P167568	NM_133362	170942	Erdr1; erythroid differentiation regulator 1				5.98	3.88	0.00
A_51_P104096	NG_001868						2.45	3.88	0.01
A_51_P436878	NM_018820	55942	Sertad1; SERTA domain containing 1				5.81	3.88	0.00
A_51_P424211	NM_008557	17178	Fxyd3; FXYD domain-containing ion transport regulator 3				6.05	3.86	0.00
A_51_P145948	AK081325	246317	Neto1; neuropilin (NRP) and tolloid (TLL)- like 1				4.83	3.85	0.00
A_51_P159132	AK007743	69191	"Pdip; protein disulfide isomerase, pancreatic"				3.56	3.85	0.00
A_51_P100065	NM_010727	16924	Ln timer; ligand of numb-protein X 1				5.97	3.85	0.00
A_51_P411874	AK042243	108857	Ankhd1; ankyrin repeat and KH domain containing 1				4.83	3.84	0.00
A_51_P102417	NM_019952	56708	Bsf3; B-cell stimulating factor 3				3.77	3.81	0.00
A_51_P492141	NM_029457	75826	Senp2; SUMO/sentrin specific protease 2				5.36	3.81	0.00
A_51_P112322	NM_008316	15574	Hus1; Hus1 homolog (S. pombe)				6.60	3.80	0.00
A_51_P367240	BC024685	232670	1300010A20Rik; RIKEN cDNA 1300010A20 gene				6.84	3.80	0.00
A_51_P116479	AK077863	217707	Coq6; coenzyme Q6 homolog (yeast)				5.99	3.79	0.00
A_51_P474288	NM_029661	76573	1700027D21Rik; RIKEN cDNA 1700027D21 gene				4.72	3.79	0.00
A_51_P314521	NM_138743	68936	1190017O12Rik; RIKEN cDNA 1190017O12 gene				4.40	3.79	0.00
A_51_P486132	BC025479	100336	"Ppp1r8; protein phosphatase 1, regulatory (inhibitor) subunit 8"				5.90	3.79	0.00
A_51_P310307	AK016967						4.42	3.76	0.00
A_51_P204131	AK029534	70950	4921528I01Rik; RIKEN cDNA 4921528I01 gene				5.93	3.74	0.00
A_51_P203062	NM_010135	13800	Enah; enabled homolog (Drosophila)				3.41	3.73	0.00
A_51_P411842	NG_002071						5.49	3.73	0.00
A_51_P320033	AK021412	78547	E130304I02Rik; RIKEN cDNA E130304I02 gene				4.63	3.72	0.00

A_51_P277241	AI851834	56531	Ylpm1; YLP motif containing 1				4.49	3.71	0.00
A_51_P123895	NM_053078	27528	"D0H4S114; DNA segment, human D4S114"				3.22	3.71	0.00
A_51_P226199	NM_029467	75870	Tcam1; testicular cell adhesion molecule 1				6.61	3.69	0.00
A_51_P401504	NM_007741	12840	"Col9a2; procollagen, type IX, alpha 2"				5.50	3.66	0.00
A_51_P420918	AF232024	57248	"Ly6i; lymphocyte antigen 6 complex, locus I"				5.56	3.63	0.00
A_51_P233160	NM_027309	70082	2210402C18Rik; RIKEN cDNA 2210402C18 gene				4.89	3.63	0.00
A_51_P469433	NM_011659	22163	"Tnfrsf4; tumor necrosis factor receptor superfamily, member 4"				4.58	3.62	0.00
A_51_P104162	AK053379						4.44	3.61	0.00
A_51_P403193	AK004706	74762	Mdga1; MAM domain containing glycosylphosphatidylinositol anchor 1				4.08	3.61	0.00
A_51_P116796	NM_007775	12965	"Crygb; crystallin, gamma B"				5.28	3.60	0.00
A_51_P491768	NG_001738						4.59	3.60	0.00
A_51_P470928	BC021461	69772	Dhrs6; dehydrogenase/reductase (SDR family) member 6				5.22	3.60	0.00
A_51_P386090	D50418	20474	Six4; sine oculis-related homeobox 4 homolog (Drosophila)				5.84	3.56	0.00
A_51_P298538	NM_145404	214572	BC006705; cDNA sequence BC006705				5.25	3.55	0.00
A_51_P283224	NM_178260	280287	Kiss1; KiSS-1 metastasis-suppressor				6.28	3.54	0.00
A_51_P332217	BC026453	234395	Ushbp1; Usher syndrome 1C binding protein 1				4.24	3.54	0.00
A_51_P442359	AK078302						5.44	3.53	0.00
A_51_P211526	AK044055	68964	1500010J02Rik; RIKEN cDNA 1500010J02 gene				5.49	3.53	0.00
A_51_P229471	AF182213	17754	Mtap1a; microtubule-associated protein 1 A				3.67	3.53	0.00
A_51_P177071	NM_008734	320290	A830055N07Rik; RIKEN cDNA A830055N07 gene				3.80	3.51	0.00
A_51_P303147	NM_026627	68231	1700113O17Rik; RIKEN cDNA 1700113O17 gene				6.35	3.50	0.00

A_51_P261001	AK087837	73130	4432412D15Rik; RIKEN cDNA 4432412D15 gene				5.53	3.43	0.00
A_51_P518219	NM_133922	77827	A930040G15Rik; RIKEN cDNA A930040G15 gene				5.24	3.41	0.00
A_51_P344565	NM_013568	16494	"Kcna6; potassium voltage-gated channel, shaker-related, subfamily, member 6"				5.35	3.39	0.00
A_51_P172523	AK029960	216274	BC004690; cDNA sequence BC004690				6.58	3.39	0.00
A_51_P460739	AK047144	218038	Amph; amphiphysin				3.84	3.38	0.00
A_51_P415546	NM_054074	116746	Defb6; defensin beta 6				4.66	3.38	0.00
A_51_P218548	AK016943	68292	1300006C19Rik; RIKEN cDNA 1300006C19 gene				3.66	3.37	0.00
A_51_P287606	AK012792	73261	1700037C18Rik; RIKEN cDNA 1700037C18 gene				5.30	3.37	0.00
A_51_P386585	AK048691	67839	"Gpsm1; G-protein signalling modulator 1 (AGS3-like, C. elegans)"				3.42	3.36	0.00
A_51_P303819	NM_029588						5.22	3.35	0.00
A_51_P287286	NM_007903	13616	Edn3; endothelin 3				4.91	3.35	0.00
A_51_P245587	BC027186	69097	Trim15; tripartite motif protein 15				6.07	3.34	0.00
A_51_P469147	NM_008554	17173	Ascl2; achaete-scute complex homolog-like 2 (Drosophila)				4.77	3.34	0.00
A_51_P460302	BC003196	110355	"Adrbk1; adrenergic receptor kinase, beta 1"				3.58	3.34	0.00
A_51_P427156	AI839636						3.29	3.33	0.00
A_51_P327068	NM_174851	242700	Il28ra; interleukin 28 receptor alpha				5.10	3.33	0.00
A_51_P377812	AK005861	75467	1700011E24Rik; RIKEN cDNA 1700011E24 gene				4.77	3.31	0.00
A_51_P124606	NM_010874	17961	Nat2; N-acetyltransferase 2 (arylamine N- acetyltransferase)				5.22	3.31	0.00
A_51_P259118	NM_053105	93688	Klhl1; kelch-like 1 (Drosophila)				4.92	3.30	0.00
A_51_P460578	AK035847	78921	9130019O22Rik; RIKEN cDNA 9130019O22 gene				3.89	3.30	0.00
A_51_P226645	AK047238	12300	"Cacng2; calcium channel, voltage- dependent, gamma subunit 2"				3.41	3.30	0.00

A_51_P180711	AK087493	230098	E130306D19Rik; RIKEN cDNA E130306D19 gene				4.15	3.29	0.00
A_51_P202862	NM_146710						6.01	3.29	0.00
A_51_P163146	NM_009152	20346	"Sema3a; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A"				3.14	3.28	0.00
A_51_P232227	AK046012	69167	"Ppp1r12b; protein phosphatase 1, regulatory (inhibitor) subunit 12B"				3.36	3.27	0.00
A_51_P236588	AK020460	77252	9430038I01Rik; RIKEN cDNA 9430038I01 gene				5.78	3.27	0.00
A_51_P431737	AK002480						4.53	3.25	0.00
A_51_P266624	NM_007857	13363	Dhh; desert hedgehog				3.20	3.24	0.00
A_51_P245055	AF454373	78240	Cst11; cystatin 11				4.49	3.24	0.00
A_51_P135340	NM_019482	55991	Panx1; pannexin 1				3.74	3.24	0.00
A_51_P257709	NG_001836						4.85	3.24	0.00
A_51_P364014	AK083449	212111	Inpp5a; inositol polyphosphate-5- phosphatase A				5.13	3.24	0.00
A_51_P333929	NM_029838	77018	"Col25a1; procollagen, type XXV, alpha 1"				5.78	3.23	0.00
A_51_P308577	NM_021292	59056	Evc; Ellis van Creveld gene homolog (human)				3.72	3.22	0.00
A_51_P506297	NM_009979	13013	Cst9; cystatin 9				3.29	3.22	0.00
A_51_P497402	AK013272	72749	2810439M11Rik; RIKEN cDNA 2810439M11 gene				5.00	3.21	0.00
A_51_P397993	AK012640	70118	Srr1; sensitivity to red light reduced homolog (Arabidopsis)				5.17	3.20	0.00
A_51_P380201	BG518744						4.77	3.19	0.00
A_51_P449329	NM_008206	15001	"H2-Oa; histocompatibility 2, O region alpha locus"				5.13	3.19	0.00
A_51_P474822	AF016695	17831	Muc2; mucin 2				4.13	3.16	0.00
A_51_P309234	AK007165	73569	1700110N18Rik; RIKEN cDNA 1700110N18 gene				3.84	3.15	0.00
A_51_P177691	NM_008075	14408	"Gabrr1; gamma-aminobutyric acid (GABA- C) receptor, subunit rho 1"				5.60	3.15	0.00
A_51_P165021	NM_011336	20301	Ccl27; chemokine (C-C motif) ligand 27				4.39	3.12	0.00

A_51_P157171	BE380360	78926	Gas2l1; growth arrest-specific 2 like 1				4.24	3.12	0.00
A_51_P103179	AK034126	320106	9330158F14Rik; RIKEN cDNA 9330158F14 gene				4.59	3.08	0.00
A_51_P131842	AF440737	69362	1700006F03Rik; RIKEN cDNA 1700006F03 gene				4.98	3.08	0.00
A_51_P145404	NM_009446	22144	"Tuba3; tubulin, alpha 3"				3.80	3.07	0.00
A_51_P346304	BC029763	229004	Gmeb2; glucocorticoid modulatory element binding protein 2				4.23	3.07	0.00
A_51_P504028	NM_011371	20445	"Siat7a; sialyltransferase 7 ((alpha-N- acetylneuraminy 2,3-beta-galactosyl-1,3)-N- acetyl galactosaminde alpha-2,6- sialyltransferase) A"				3.65	3.07	0.00
A_51_P424290	NM_146730						4.29	3.06	0.00
A_51_P441022	NM_016769	17127	Smad3; MAD homolog 3 (Drosophila)				3.77	3.06	0.00
A_51_P462192	NM_138648	108078	Olr1; oxidized low density lipoprotein (lectin-like) receptor 1				2.26	3.05	0.03
A_51_P128696	NM_020516	57274	"Slc16a8; solute carrier family 16 (monocarboxylic acid transporters), member 8"				4.40	3.04	0.00
A_51_P203533	NM_009547	22666	Zfp161; zinc finger protein 161				5.42	3.04	0.00
A_51_P299475	NM_146937						4.87	3.04	0.00
A_51_P251833	NM_130453	170458	Gpha2; glycoprotein hormone alpha 2				5.55	3.03	0.00
A_51_P206153	D13903	19266	"Ptprd; protein tyrosine phosphatase, receptor type, D"				3.74	3.02	0.00
A_51_P392560	NG_001806						4.20	3.02	0.00
A_51_P128774	AK040573	320484	A430107D22Rik; RIKEN cDNA A430107D22 gene				4.90	3.01	0.00
A_51_P254682	AK014852	70893	4921509F24Rik; RIKEN cDNA 4921509F24 gene				4.36	3.01	0.00
A_51_P517012	AK005069	71767	Tysnd1; trypsin domain containing 1				3.62	3.01	0.00
A_51_P488362	NM_147119						4.72	3.00	0.00
A_51_P284108	AK005799	75471	1700009N14Rik; RIKEN cDNA 1700009N14 gene				5.10	2.99	0.00
A_51_P507709	AK034236	241159	Neu4; sialidase 4				4.42	2.98	0.00

A_51_P161323	AK034909	245527	Eda2r; ectodysplasin A2 isoform receptor				4.99	2.98	0.00
A_51_P453555							5.29	2.98	0.00
A_51_P287496	AK031294	236193	BC021921; cDNA sequence BC021921				5.19	2.98	0.00
A_51_P303308	NM_008236	15206	Hes2; hairy and enhancer of split 2 (Drosophila)				3.37	2.97	0.00
A_51_P214122	NM_007718	12770	Ccr11; chemokine (C-C motif) receptor 1-like 1				4.32	2.96	0.00
A_51_P432504	NM_024229	68671	"Pcyt2; phosphate cytidyltransferase 2, ethanolamine"				4.87	2.96	0.00
A_51_P250590	AK080963	319934	Mtmr13; myotubularin related protein 13				4.70	2.96	0.00
A_51_P466279	NM_008263	15395	Hoxa10; homeo box A10				3.01	2.96	0.00
A_51_P347206	NM_147088						5.07	2.95	0.00
A_51_P288336	BC013343	15445	Hpd; 4-hydroxyphenylpyruvic acid dioxygenase				3.72	2.94	0.00
A_51_P156944	NG_001797						4.92	2.93	0.00
A_51_P111434	BF578372	240672	"Gm337; gene model 337, (NCBI)"				5.04	2.93	0.00
A_51_P496490	NM_028031	243983	"Zdhhc13; zinc finger, DHHC domain containing 13"				2.28	2.92	0.03
A_51_P375558	NM_010865	17926	Myoc; myocilin				4.56	2.92	0.00
A_51_P120356	NM_025637	73170	Rwdd3; RWD domain containing 3				3.35	2.92	0.00
A_51_P103027	BM119226	17263	"Gtl2; GTL2, imprinted maternally expressed untranslated mRNA"				4.07	2.90	0.00
A_51_P301052	NM_133998	108707	1810008A18Rik; RIKEN cDNA 1810008A18 gene				3.10	2.90	0.00
A_51_P351312	AK015008						2.44	2.89	0.01
A_51_P349961	BC010762	14473	Gc; group specific component				4.17	2.88	0.00
A_51_P149257	AJ457190	237928	"Phospho1; phosphatase, orphan 1"				3.16	2.88	0.00
A_51_P495379	BC017144	234686	Fhod1; formin homology 2 domain containing 1				4.45	2.88	0.00
A_51_P419439	NM_010321	14711	Gnmt; glycine N-methyltransferase				3.39	2.88	0.00
A_51_P454726	BC048705	235459	"Gtf2a2; general transcription factor II A, 2"				5.20	2.88	0.00
A_51_P331044	NM_021380	58181	Il20; interleukin 20				3.93	2.88	0.00
A_51_P177323							5.83	2.88	0.00

A_51_P388432	NM_130889	67628	"Anp32b; acidic nuclear phosphoprotein 32 family, member B"				3.65	2.87	0.00
A_51_P296878	AK048604	208820	C130086A10; hypothetical protein C130086A10				5.69	2.86	0.00
A_51_P468294	NM_017462	18975	"Polg; polymerase (DNA directed), gamma"				4.52	2.86	0.00
A_51_P110199	AK042036	227638	Qscn6l1; quiescin Q6-like 1				3.36	2.84	0.00
A_51_P354094	BC006868	67299	Dock7; dedicator of cytokinesis 7				3.66	2.84	0.00
A_51_P396635	AK037839	66881	Pcyox1; prenylcysteine oxidase 1				2.04	2.81	0.02
A_51_P195215	AK038552	212326	BC035537; cDNA sequence BC035537				5.09	2.81	0.00
A_51_P440936	NM_013581	16834	Cog1; component of oligomeric golgi complex 1				3.23	2.81	0.00
A_51_P172842	NM_025885	381379	"Med19; mediator of RNA polymerase II transcription, subunit 19 homolog (yeast)"				3.90	2.81	0.00
A_51_P327539	NM_146950						4.01	2.80	0.00
A_51_P482464	NM_009352	21749	Terf1; telomeric repeat binding factor 1				4.61	2.80	0.00
A_51_P404565	AK028013	252903	"Ap1s3; adaptor-related protein complex AP-1, sigma 3"				4.04	2.80	0.00
A_51_P327511	NM_008013	14190	Fgl2; fibrinogen-like protein 2				2.83	2.79	0.00
A_51_P393288	NM_146988						3.32	2.79	0.00
A_51_P136250	NM_021381	58182	Gpr73; G protein-coupled receptor 73				3.21	2.79	0.00
A_51_P204160	AK028653	233826	BC066140; cDNA sequence BC066140				3.94	2.79	0.00
A_51_P305681	NM_017389						2.80	2.78	0.00
A_51_P241808	BC024722	11775	"Ap3b2; adaptor-related protein complex 3, beta 2 subunit"				3.82	2.77	0.00
A_51_P230142	NM_026634	68243	A930018P22Rik; RIKEN cDNA A930018P22 gene				3.87	2.77	0.00
A_51_P488888	NM_013632	18950	Pnp; purine-nucleoside phosphorylase				4.70	2.77	0.00
A_51_P234864	AK082073	94282	Sfxn5; sideroflexin 5				4.08	2.76	0.00
A_51_P463034	AK015293	74666	4930432K21Rik; RIKEN cDNA 4930432K21 gene				3.23	2.76	0.00
A_51_P439932	AK045522	207259	B230208J24Rik; RIKEN cDNA B230208J24 gene				2.85	2.76	0.00

A_51_P219938	AF059176	13869	ErbB4; v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian)				4.20	2.76	0.00
A_51_P479865	BC021773	52231	"D1ErtD161e; DNA segment, Chr 1, ERATO Doi 161, expressed"				2.73	2.75	0.00
A_51_P385892	AK029364	320581	4833405L16Rik; RIKEN cDNA 4833405L16 gene				4.75	2.75	0.00
A_51_P202911	BC021879	67198	2810022L02Rik; RIKEN cDNA 2810022L02 gene				3.34	2.75	0.00
A_51_P317141	NM_031163	12824	"Col2a1; procollagen, type II, alpha 1"				2.19	2.74	0.02
A_51_P312061	AK033104	269947	BC028450; cDNA sequence BC028450				4.72	2.73	0.00
A_51_P110814	AK004444	74167	Nudt9; nudix (nucleoside diphosphate linked moiety X)-type motif 9				3.73	2.73	0.00
A_51_P307739	NM_009827	12425	Cckar; cholecystokinin A receptor				2.97	2.72	0.00
A_51_P332169	BC013565	215819	Nhsl1; NHS-like 1				3.99	2.72	0.00
A_51_P318381	NM_008827	18654	Pgf; placental growth factor				4.94	2.71	0.00
A_51_P448427	NM_133216	170750	"Xpnpep1; X-prolyl aminopeptidase (aminopeptidase P) 1, soluble"				4.76	2.71	0.00
A_51_P331059	NM_031374	104271	Tex15; testis expressed gene 15				3.99	2.70	0.00
A_51_P147933	BG088109	353504	"Dio3as; deiodinase, iodothyronine type III, antisense"				4.29	2.70	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				3.34	2.70	0.00
A_51_P359046	NM_020519	57277	Slurp1; secreted Ly6/Plaur domain containing 1				4.55	2.69	0.00
A_51_P167963	NM_011792	23821	Bace1; beta-site APP cleaving enzyme 1				3.27	2.69	0.00
A_51_P264399	NM_173428	243369	Scospondin; subcommissural organ spondin				4.57	2.69	0.00
A_51_P431976	AK036079	328232	AI850995; expressed sequence AI850995				4.60	2.69	0.00
A_51_P514623	NM_025422	66205	1110055L24Rik; RIKEN cDNA 1110055L24 gene				4.46	2.68	0.00
A_51_P198336	NM_008068	14399	"Gabra6; gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 6"				4.52	2.67	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				3.09	2.67	0.00

A_51_P105877	NM_008661						5.32	2.67	0.00
A_51_P325165	NM_145636	246779	Il27; interleukin 27				5.09	2.66	0.00
A_51_P147846	NM_010402	15111	Hand2; heart and neural crest derivatives expressed transcript 2				4.49	2.65	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				3.28	2.65	0.00
A_51_P430766	NM_010548	16153	Il10; interleukin 10				4.35	2.64	0.00
A_51_P224564	AK048669	68606	Ppm1f; protein phosphatase 1F (PP2C domain containing)				2.93	2.64	0.00
A_51_P152203	NM_019565	56220	Zfp386; zinc finger protein 386 (Kruppel-like)				4.01	2.63	0.00
A_51_P404755	NM_027870	71703	"Armcx3; armadillo repeat containing, X-linked 3"				4.51	2.63	0.00
A_51_P392147	NM_026156	67439	Xab2; XPA binding protein 2				4.18	2.63	0.00
A_51_P289828	AK080572	76138	6230424H07Rik; RIKEN cDNA 6230424H07 gene				3.38	2.63	0.00
A_51_P177141	AK049620	231912	Katnal1; katanin p60 subunit A-like 1				4.75	2.63	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				3.06	2.62	0.00
A_51_P373004	AK077068	328019	4933400C05Rik; RIKEN cDNA 4933400C05 gene				4.32	2.61	0.00
A_51_P214745	AK036886	243771	Zc3hdc1; zinc finger CCCH type domain containing 1				2.84	2.60	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				2.91	2.60	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				3.01	2.59	0.00
A_51_P469203	NM_146355						4.05	2.59	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				2.97	2.58	0.00
A_51_P280657	AK002857	432778	LOC432778; similar to Sodium/hydrogen exchanger 3 (Na(+)/H(+) exchanger 3) (NHE-3)				2.61	2.58	0.00
A_51_P141180	AK083596	228361	D030051N19Rik; RIKEN cDNA D030051N19 gene				4.87	2.58	0.00

A_51_P390804	NM_016873	22403	Wisp2; WNT1 inducible signaling pathway protein 2				2.68	2.58	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				3.11	2.58	0.00
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				3.66	2.58	0.00
A_51_P373043	NM_013898	30058	Timm8a; translocase of inner mitochondrial membrane 8 homolog a (yeast)				3.79	2.57	0.00
A_51_P232921	AK006831						3.09	2.57	0.00
A_51_P309715	NM_021352	12962	"Crybb3; crystallin, beta B3"				4.12	2.57	0.00
A_51_P357890	BC016274	226928	C030033M19Rik; RIKEN cDNA C030033M19 gene				3.52	2.56	0.00
A_51_P411926	NM_007559	12164	Bmp8b; bone morphogenetic protein 8b				3.80	2.56	0.00
A_51_P222843	AK046974	215693	B930008K04Rik; RIKEN cDNA B930008K04 gene				4.15	2.55	0.00
A_51_P429602	NM_026204	67503	1700001G17Rik; RIKEN cDNA 1700001G17 gene				2.49	2.55	0.02
A_51_P356335	BY289545	231532	Arhgap24; Rho GTPase activating protein 24				4.47	2.55	0.00
A_51_P187625	NM_013878	29866	Cabp2; calcium binding protein 2				4.81	2.54	0.00
A_51_P358012	NM_009253	20714	"Serpina3k; serine (or cysteine) proteinase inhibitor, clade A, member 3K"				4.35	2.54	0.00
A_51_P372702	NM_010551	16170	Il16; interleukin 16				3.60	2.54	0.00
A_51_P176504	AK075974	66538	2510038A11Rik; RIKEN cDNA 2510038A11 gene				2.76	2.53	0.00
A_51_P193192	BC027076	224661	"Slc26a8; solute carrier family 26, member 8"				4.25	2.53	0.00
A_51_P437088	NM_026136	67410	4930449I24Rik; RIKEN cDNA 4930449I24 gene				4.34	2.52	0.00
A_51_P464808	AK006807	74271	"Mageb5; melanoma antigen, family B, 5"				3.97	2.52	0.00
A_51_P345560	NM_028238	72433	"Rab38; Rab38, member of RAS oncogene family"				3.16	2.52	0.00

A_51_P445882	AK018014						3.71	2.52	0.00
A_51_P151722	AK086241	319967	9630019E01Rik; RIKEN cDNA 9630019E01 gene				3.00	2.52	0.00
A_51_P209914	NM_011285	19893	Rpgr; retinitis pigmentosa GTPase regulator				3.55	2.52	0.00
A_51_P164645	BC021759	78912	Sp2; Sp2 transcription factor				4.97	2.51	0.00
A_51_P521346							3.90	2.51	0.00
A_51_P419078	NM_133874						3.76	2.51	0.00
A_51_P455657	AK014551	353205	4930467M19Rik; RIKEN cDNA 4930467M19 gene				3.20	2.51	0.00
A_51_P205042	NM_133353	170834	Oosp1; oocyte secreted protein 1				2.16	2.51	0.02
A_51_P465141	NM_026142	67419	3632451O06Rik; RIKEN cDNA 3632451O06 gene				3.17	2.51	0.00
A_51_P234893	NM_021306	13599	Ecel1; endothelin converting enzyme-like 1				3.03	2.51	0.00
A_51_P265016	NM_023249	106369	Ypel1; yippee-like 1 (Drosophila)				2.17	2.50	0.02
A_51_P324992	AK048765	21923	Tnc; tenascin C				4.01	2.50	0.00
A_51_P455776	NM_026177	67467	1200011I18Rik; RIKEN cDNA 1200011I18 gene				3.62	2.49	0.00
A_51_P288649	NM_009184	20459	Ptk6; PTK6 protein tyrosine kinase 6				3.44	2.49	0.00
A_51_P392514	AK032078	233802	Thumpd1; THUMP domain containing 1				3.99	2.49	0.00
A_51_P186564	BC027157	218811	"Sec24c; SEC24 related gene family, member C (S. cerevisiae)"				4.09	2.49	0.00
A_51_P483557							3.20	2.49	0.00
A_51_P243641	BC012717	223887	BC032281; cDNA sequence BC032281				4.33	2.49	0.00
A_51_P498191	NM_011097	18740	Pitx1; paired-like homeodomain transcription factor 1				4.25	2.49	0.00
A_51_P195124	NM_015756	27428	Shrm; shroom				4.32	2.48	0.00
A_51_P246854	BC014877	11459	"Acta1; actin, alpha 1, skeletal muscle"				2.87	2.48	0.00
A_51_P157118	AI115771	16625	"Serpina3c; serine (or cysteine) proteinase inhibitor, clade A, member 3C"				3.89	2.48	0.00
A_51_P282101	AK006650	73296	Rhobtb3; Rho-related BTB domain containing 3				3.84	2.48	0.00

A_51_P357533	AK045675	224090	9330161C17Rik; RIKEN cDNA 9330161C17 gene				3.81	2.48	0.00
A_51_P474158	AK013251	28126	"D13Wsu177e; DNA segment, Chr 13, Wayne State University 177, expressed"				4.12	2.47	0.00
A_51_P253163	NM_013738	27260	Plek2; pleckstrin 2				4.04	2.47	0.00
A_51_P133012	AK016870	71176	Fbxo24; F-box only protein 24				2.34	2.47	0.03
A_51_P163444	NM_025821	52502	Carhsp1; calcium regulated heat stable protein 1				3.18	2.47	0.00
A_51_P351217	AK049038	270160	"Rab39; RAB39, member RAS oncogene family"				2.52	2.46	0.00
A_51_P255541	AK036996						4.09	2.46	0.00
A_51_P470589	CA573293						4.04	2.46	0.00
A_51_P385086	NM_009379	21832	Thpo; thrombopoietin				4.07	2.45	0.00
A_51_P327206	NM_011839	23937	Mab21l2; mab-21-like 2 (C. elegans)				2.63	2.45	0.00
A_51_P363258	NM_133731	70835	"Prss22; protease, serine, 22"				3.68	2.45	0.00
A_51_P226594	AK020732	77773	A330103N21Rik; RIKEN cDNA A330103N21 gene				2.88	2.44	0.00
A_51_P103229	AK011349	19712	Rest; RE1-silencing transcription factor				2.85	2.44	0.00
A_51_P430263	NM_133900	100678	Psph; phosphoserine phosphatase				1.94	2.43	0.03
A_51_P446143	AK017136	74675	4930451E13Rik; RIKEN cDNA 4930451E13 gene				3.84	2.43	0.00
A_51_P457467	AK039558	216858	Kctd11; potassium channel tetramerisation domain containing 11				3.61	2.43	0.00
A_51_P170610	BM199894	194744	"Gm8; gene model 8, (NCBI)"				3.53	2.43	0.00
A_51_P115205	NM_054072	12936	Pcdha4; protocadherin alpha 4				4.13	2.43	0.00
A_51_P355753	NM_010430	15248	Hic1; hypermethylated in cancer 1				2.33	2.43	0.03
A_51_P318577	AK010729	73671	2410078J06Rik; RIKEN cDNA 2410078J06 gene				3.76	2.43	0.00
A_51_P365992	AK034894	231093	9430057O19Rik; RIKEN cDNA 9430057O19 gene				4.46	2.42	0.00
A_51_P256549	AK015138	66328	1700010M22Rik; RIKEN cDNA 1700010M22 gene				3.71	2.42	0.00
A_51_P414971	AK031177	103836	AI839920; expressed sequence AI839920				4.18	2.41	0.00
A_51_P407811	NM_020515	57272	Olfir140; olfactory receptor 140				4.01	2.41	0.00

A_51_P204442	NM_028716	74016	Phf19; PHD finger protein 19				2.49	2.41	0.02
A_51_P405496	NM_133241	170790	Mlc1; megalencephalic leukoencephalopathy with subcortical cysts 1 homolog (human)				2.79	2.40	0.00
A_51_P155323	NM_010406	15139	Hc; hemolytic complement				4.04	2.40	0.00
A_51_P445487	NM_026629	68235	2410066E13Rik; RIKEN cDNA 2410066E13 gene				2.75	2.39	0.00
A_51_P259009	NM_007581	12297	"Cacnb3; calcium channel, voltage-dependent, beta 3 subunit"				2.85	2.39	0.00
A_51_P168072	AK083916	20927	"Abcc8; ATP-binding cassette, sub-family C (CFTR/MRP), member 8"				3.67	2.39	0.00
A_51_P442759	AK053075	213649	Arhgef19; Rho guanine nucleotide exchange factor (GEF) 19				4.15	2.39	0.00
A_51_P395877	NM_007721	12777	Gpr2; G protein-coupled receptor 2				4.11	2.38	0.00
A_51_P350311	BC015275						2.93	2.37	0.00
A_51_P253195	AK035031	320189	9430076C15Rik; RIKEN cDNA 9430076C15 gene				2.89	2.37	0.00
A_51_P314143	NM_134045						3.82	2.36	0.00
A_51_P376227	NM_007532	12035	"Bcat1; branched chain aminotransferase 1, cytosolic"				2.85	2.36	0.00
A_51_P454575	AK037532	216080	"Ube2d1; ubiquitin-conjugating enzyme E2D 1, UBC4/5 homolog (yeast)"				3.28	2.36	0.00
A_51_P207781	NM_146888	258890	Olfr1297; olfactory receptor 1297				2.86	2.36	0.00
A_51_P105755	NM_027264	69930	2610041B18Rik; RIKEN cDNA 2610041B18 gene				2.73	2.36	0.00
A_51_P479618	NM_134006	19682	Rdh5; retinol dehydrogenase 5				3.20	2.36	0.00
A_51_P120295	NM_029562	76279	"Cyp2d26; cytochrome P450, family 2, subfamily d, polypeptide 26"				4.34	2.35	0.00
A_51_P181826	AK005692	71830	1700007B13Rik; RIKEN cDNA 1700007B13 gene				2.00	2.35	0.02
A_51_P459508	NM_053136	93882	Pcdhb11; protocadherin beta 11				3.81	2.35	0.00
A_51_P326191	M64085	20715	"Serpina3g; serine (or cysteine) proteinase inhibitor, clade A, member 3G"				3.44	2.34	0.00

A_51_P162805	AF064874	15167	"Hcn4; hyperpolarization-activated, cyclic nucleotide-gated K ⁺ 4"				3.68	2.34	0.00
A_51_P180159	BQ960852	16061	Igh-VJ558; immunoglobulin heavy chain (J558 family)				3.15	2.34	0.00
A_51_P329003	AK006599	73333	1700034J06Rik; RIKEN cDNA 1700034J06 gene				3.14	2.34	0.00
A_51_P118539	AK012399	76967	2700049A03Rik; RIKEN cDNA 2700049A03 gene				3.35	2.34	0.00
A_51_P406090	AK020899	229780	A330067P21; hypothetical protein A330067P21				3.66	2.34	0.00
A_51_P424352	AK031997	381218	4430402I18Rik; RIKEN cDNA 4430402I18 gene				2.55	2.34	0.00
A_51_P438028	BY557587	68152	5830415L20Rik; RIKEN cDNA 5830415L20 gene				3.32	2.34	0.00
A_51_P288447	AK029317	234865	Nup133; nucleoporin 133				3.27	2.34	0.00
A_51_P230347	AK046869	272009	Srrp; serine-arginine repressor protein				2.78	2.34	0.00
A_51_P136181	AK047573						3.81	2.33	0.00
A_51_P464238	NM_009716	11911	Atf4; activating transcription factor 4				3.69	2.33	0.00
A_51_P130405	U58881	21981	"Ppp1r13b; protein phosphatase 1, regulatory (inhibitor) subunit 13B"				3.04	2.32	0.00
A_51_P232655							2.45	2.32	0.01
A_51_P225920	U66668	436468	LOC436468; similar to TRADV15D-1				3.73	2.32	0.00
A_51_P330016	AK004853	50781	Dkk3; dickkopf homolog 3 (Xenopus laevis)				3.14	2.32	0.00
A_51_P284849	AK034430	99633	Lphn2; latrophilin 2				2.01	2.31	0.02
A_51_P413088							2.88	2.31	0.00
A_51_P426555	NM_133991	54632	Ftsj1; Ftsj homolog 1 (E. coli)				2.74	2.31	0.00
A_51_P301277	NM_080856	142687	Asb14; ankyrin repeat and SOCS box-containing protein 14				3.49	2.31	0.00
A_51_P315941	BB016195	75292	"Prkcν; protein kinase C, ν"				3.51	2.31	0.00
A_51_P306017	NM_007865	13388	Dll1; delta-like 1 (Drosophila)				1.83	2.31	0.04
A_51_P194823	NM_008355	16163	Il13; interleukin 13				2.53	2.30	0.00
A_51_P402805	AK029263	268721	2310021P13Rik; RIKEN cDNA 2310021P13 gene				3.21	2.30	0.00
A_51_P325135	NM_011570	21753	Tes; testis derived transcript				3.43	2.30	0.00

A_51_P130995	NM_010369	14934	Gypa; glycophorin A				3.37	2.30	0.00
A_51_P189544							3.67	2.29	0.00
A_51_P504101	AK052806	237256	D730019B10Rik; RIKEN cDNA D730019B10 gene				3.80	2.29	0.00
A_51_P318051	NM_146316	258313	Olfir726; olfactory receptor 726				3.95	2.29	0.00
A_51_P367720	NM_013492	12759	Clu; clusterin				4.18	2.29	0.00
A_51_P497350	AF099016	20733	"Spint2; serine protease inhibitor, Kunitz type 2"				2.87	2.29	0.00
A_51_P301549	AK089790	224648	F830021D11Rik; RIKEN cDNA F830021D11 gene				3.91	2.29	0.00
A_51_P512120	AF067064	380878	AF067063; cDNA sequence AF067063				3.69	2.29	0.00
A_51_P412920	NM_010139	13836	Epha2; Eph receptor A2				3.43	2.28	0.00
A_51_P506866	BG084416	73336	1700036D21Rik; RIKEN cDNA 1700036D21 gene				3.79	2.28	0.00
A_51_P495194	AK044239	238384	"Slc24a4; solute carrier family 24 (sodium/potassium/calcium exchanger), member 4"				3.04	2.28	0.00
A_51_P290249	BG080431						2.48	2.28	0.02
A_51_P408932	NM_024186	66970	Ssbp2; single-stranded DNA binding protein 2				3.50	2.28	0.00
A_51_P149531	NM_146890						4.35	2.28	0.00
A_51_P410516	AK015114	73928	4930408O17Rik; RIKEN cDNA 4930408O17 gene				3.08	2.27	0.00
A_51_P203706	AK014555						3.34	2.27	0.00
A_51_P109268	NM_134202						2.86	2.27	0.00
A_51_P404846	NM_031195	20288	Msr1; macrophage scavenger receptor 1				3.91	2.27	0.00
A_51_P118210	AK051750	68617	1110012J17Rik; RIKEN cDNA 1110012J17 gene				2.72	2.27	0.00
A_51_P254946	BC021919	216726					2.49	2.26	0.02
A_51_P195775	NM_019724	17389	Mmp16; matrix metalloproteinase 16				3.82	2.26	0.00
A_51_P118203	BF135103						3.25	2.26	0.00
A_51_P510096	AK083929	218613	D130064H19Rik; RIKEN cDNA D130064H19 gene				3.48	2.26	0.00
A_51_P405397	NM_007899	13601	Ecm1; extracellular matrix protein 1				1.99	2.26	0.02

A_51_P215005	NM_029531	76165	6330516O17Rik; RIKEN cDNA 6330516O17 gene				3.30	2.26	0.00
A_51_P269721	NM_027778						2.85	2.26	0.00
A_51_P313761	BC004825	108037	Shmt2; serine hydroxymethyl transferase 2 (mitochondrial)				3.08	2.25	0.00
A_51_P116318	BF714700	329908	Usp24; ubiquitin specific protease 24				3.10	2.25	0.00
A_51_P462018	AK048695						3.60	2.25	0.00
A_51_P417918	BC023181	269608	BC023181; cDNA sequence BC023181				3.31	2.25	0.00
A_51_P509137	NM_007545	12123	"Bid3; BH3 interacting (with BCL2 family) domain, apoptosis agonist"				3.40	2.24	0.00
A_51_P327585	AF464943	14865	"Gstm4; glutathione S-transferase, mu 4"				3.15	2.24	0.00
A_51_P519295	BC010603	12380	Cast; calpastatin				3.94	2.24	0.00
A_51_P512859	NM_007496	11906	Atbf1; AT motif binding factor 1				1.85	2.24	0.03
A_51_P407832	BY297270	269846	"Tcrb-V13; T-cell receptor beta, variable 13"				3.20	2.23	0.00
A_51_P190291	NG_001793						2.69	2.23	0.00
A_51_P448712	AK012951						3.00	2.23	0.00
A_51_P166360	NM_025519	66371	2310010I16Rik; RIKEN cDNA 2310010I16 gene				3.27	2.23	0.00
A_51_P335000	NM_010211	14199	Fhl1; four and a half LIM domains 1				3.64	2.22	0.00
A_51_P390181	AK040105	319285	A430061O12Rik; RIKEN cDNA A430061O12 gene				2.42	2.22	0.01
A_51_P303516	NM_008983	19272	"Ptpkr; protein tyrosine phosphatase, receptor type, K"				2.31	2.22	0.03
A_51_P107520	NG_001801						3.11	2.22	0.00
A_51_P210956	NM_011693	22329	Vcam1; vascular cell adhesion molecule 1				2.62	2.22	0.00
A_51_P406184	NM_080444	117590	Asb10; ankyrin repeat and SOCS box- containing protein 10				3.85	2.21	0.00
A_51_P301487	NM_010485	15568	"Elavl1; ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R)"				3.89	2.21	0.00
A_51_P368300	NM_130448	73173	Pcdh18; protocadherin 18				1.95	2.21	0.02
A_51_P419940							3.88	2.21	0.00
A_51_P335729	AK039370						2.84	2.20	0.00

A_51_P485161	BQ928340	12890	Cplx2; complexin 2				1.80	2.20	0.04
A_51_P379837	NM_053259	114661	Isp1; implantation serine protease 1				3.36	2.20	0.00
A_51_P333923	NM_133681	66805	9030418M05Rik; RIKEN cDNA 9030418M05 gene				2.27	2.20	0.03
A_51_P253151	NM_011407	20555	Slfn1; schlafen 1				3.59	2.20	0.00
A_51_P434041	NM_021426	58237	C030019F02Rik; RIKEN cDNA C030019F02 gene				3.07	2.20	0.00
A_51_P272539	AK089224	210145	Iigp5; interferon inducible GTPase family member 5				3.12	2.20	0.00
A_51_P476377	NM_007756	12889	Cplx1; complexin 1				3.53	2.20	0.00
A_51_P391466	NM_019410	18645	Pfn2; profilin 2				3.12	2.20	0.00
A_51_P394339	BC003426	209354	"Eif2b1; eukaryotic translation initiation factor 2B, subunit 1 (alpha)"				2.96	2.20	0.00
A_51_P174181	BQ176664	241447	Lass6; longevity assurance homolog 6 (S. cerevisiae)				2.82	2.20	0.00
A_51_P187432	AI854308						3.35	2.19	0.00
A_51_P214423	AK011524	269987	2610024B07Rik; RIKEN cDNA 2610024B07 gene				2.80	2.18	0.00
A_51_P208891	NG_001509						3.22	2.18	0.00
A_51_P366513	NM_011864	23972	Papss2; 3'-phosphoadenosine 5'- phosphosulfate synthase 2				2.76	2.18	0.00
A_51_P503722	NM_010488	15572	"Elavl4; ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)"				2.62	2.18	0.00
A_51_P179523	NM_026599						2.83	2.18	0.00
A_51_P490999	M89786	78926	Gas2l1; growth arrest-specific 2 like 1				2.00	2.18	0.02
A_51_P155909	AK007195	76640	1700113H08Rik; RIKEN cDNA 1700113H08 gene				2.93	2.18	0.00
A_51_P231587	AK036270	269233	9630050M13Rik; RIKEN cDNA 9630050M13 gene				2.71	2.18	0.00
A_51_P174081	AK046719	224454	"Zdhhc14; zinc finger, DHHC domain containing 14"				3.06	2.18	0.00
A_51_P487048	NM_008955	19202	Psx1; placenta specific homeobox 1				3.90	2.18	0.00
A_51_P221263	NM_028710	74008	6330406P08Rik; RIKEN cDNA 6330406P08 gene				2.33	2.17	0.03

A_51_P106269	NM_021349	57916	"Tnfrsf13b; tumor necrosis factor receptor superfamily, member 13b"				2.74	2.17	0.00
A_51_P514070	AK013855	70417	3000002B06Rik; RIKEN cDNA 3000002B06 gene				2.35	2.17	0.01
A_51_P506899	AK087732	73442	Hspa12a; heat shock 70kDa protein 12A				4.23	2.17	0.00
A_51_P165027	AK011208	72135	Pygo1; pygopus 1				2.13	2.17	0.02
A_51_P404447	AK085209	226407	4732493F09Rik; RIKEN cDNA 4732493F09 gene				2.90	2.17	0.00
A_51_P375660	NG_001825						3.66	2.17	0.00
A_51_P490734	NM_010570	16367	Irs1; insulin receptor substrate 1				2.98	2.16	0.00
A_51_P423308	NM_008342	16008	Igfbp2; insulin-like growth factor binding protein 2				3.81	2.16	0.00
A_51_P104718	NM_008151	14738	Gpr12; G-protein coupled receptor 12				3.37	2.16	0.00
A_51_P461364	NM_024198	67305	Gpx7; glutathione peroxidase 7				2.99	2.15	0.00
A_51_P444555	AK043971	244653	Hydin; hydrocephalus inducing				2.14	2.15	0.02
A_51_P355765	AK019479						2.92	2.15	0.00
A_51_P336897	NM_008056	14368	Fzd6; frizzled homolog 6 (Drosophila)				2.93	2.15	0.00
A_51_P492535	NM_080510	70928	Rnf36; ring finger protein 36				2.96	2.14	0.00
A_51_P389435	AF448788	241516	Fsip2; fibrous sheath-interacting protein 2				2.21	2.14	0.02
A_51_P339661	NM_027041	69329	1700003M02Rik; RIKEN cDNA 1700003M02 gene				2.71	2.14	0.00
A_51_P401791	AK009648	22138	Ttn; titin				3.91	2.14	0.00
A_51_P278519	NM_023268	104009	Qscn6; quiescin Q6				2.96	2.14	0.00
A_51_P487298	AK083684	246154	Slitl2; Slit-like 2 (Drosophila)				2.38	2.14	0.01
A_51_P245503	AK050435	71773	1300012D20Rik; RIKEN cDNA 1300012D20 gene				2.62	2.14	0.00
A_51_P311227	AK077549	14000	Etohi2; ethanol induced 2				2.61	2.14	0.00
A_51_P360658	NG_001795						3.63	2.14	0.00
A_51_P500814	NM_010708	16859	"Lgals9; lectin, galactose binding, soluble 9"				3.48	2.13	0.00
A_51_P274685	AK088243	68730	1110032N12Rik; RIKEN cDNA 1110032N12 gene				3.44	2.13	0.00
A_51_P492687	AI836795						2.87	2.13	0.00
A_51_P179663	NM_008185	14871	"Gstt1; glutathione S-transferase, theta 1"				3.58	2.13	0.00

A_51_P207936	AK090098	224794	Enpp4; ectonucleotide pyrophosphatase/phosphodiesterase 4				2.90	2.13	0.00
A_51_P154987	NM_022409	63872	Zfp296; zinc finger protein 296				3.93	2.13	0.00
A_51_P248846	AK018831	381149	LOC381149; similar to NTAK alpha2-1p				2.73	2.13	0.00
A_51_P196695	NM_008372	16197	Il7r; interleukin 7 receptor				2.87	2.13	0.00
A_51_P390950							3.80	2.13	0.00
A_51_P353183	AK083243	18477	Prdx1; peroxiredoxin 1				2.74	2.12	0.00
A_51_P209258	AK080354	245902	A630039F14Rik; RIKEN cDNA A630039F14 gene				2.65	2.12	0.00
A_51_P113462	NG_001905						2.47	2.12	0.01
A_51_P103901	NM_058212	70127	"Dpf3; D4, zinc and double PHD fingers, family 3"				3.86	2.12	0.00
A_51_P139437	NM_080464	140491	"Ppp1r3a; protein phosphatase 1, regulatory (inhibitor) subunit 3A"				3.11	2.12	0.00
A_51_P271394	NM_146894						3.78	2.12	0.00
A_51_P493865	AF064749	12835	"Col6a3; procollagen, type VI, alpha 3"				2.95	2.12	0.00
A_51_P339724	AK010217	69699	2310079G19Rik; RIKEN cDNA 2310079G19 gene				3.78	2.12	0.00
A_51_P417952	NM_013662	20359	"Sema6b; sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6B"				2.35	2.11	0.01
A_51_P223776	AK041047	217166	"Nr1d1; nuclear receptor subfamily 1, group D, member 1"				3.21	2.11	0.00
A_51_P518340	Z71189	11370	"Acadvl; acyl-Coenzyme A dehydrogenase, very long chain"				3.42	2.11	0.00
A_51_P296528	NM_026058	67260	Lass4; longevity assurance homolog 4 (S. cerevisiae)				3.38	2.11	0.00
A_51_P315411	NM_013813	13823	Epb4.1l3; erythrocyte protein band 4.1-like 3				1.95	2.11	0.02
A_51_P326281	NG_001796						2.27	2.11	0.03
A_51_P297802	BI410159	380711	Garnl4; GTPase activating RANGAP domain-like 4				2.11	2.11	0.02
A_51_P415306	AK029653	75328	4930563D23Rik; RIKEN cDNA 4930563D23 gene				2.59	2.11	0.00

A_51_P381086	AK047240	230991	B930041F14Rik; RIKEN cDNA B930041F14 gene				2.09	2.11	0.02
A_51_P204387	AK034410	217733	9330187M14Rik; RIKEN cDNA 9330187M14 gene				3.73	2.11	0.00
A_51_P249363	AK015160	73887	4930417O22Rik; RIKEN cDNA 4930417O22 gene				3.92	2.10	0.00
A_51_P285864	NM_029131	73415	1700049E17Rik; RIKEN cDNA 1700049E17 gene				3.32	2.10	0.00
A_51_P211519	NM_030728	80982	9930013L23Rik; RIKEN cDNA 9930013L23 gene				3.44	2.10	0.00
A_51_P496031	NM_013476	11835	Ar; androgen receptor				2.90	2.10	0.00
A_51_P226465	AF364868	232934	P42pop; Myb protein P42POP				2.82	2.10	0.00
A_51_P329750	C85395						1.45	2.10	0.12
A_51_P431329	NM_007606	12350	Car3; carbonic anhydrase 3				3.25	2.10	0.00
A_51_P373777	AK032635	66854	Trim35; tripartite motif-containing 35				4.25	2.10	0.00
A_51_P338377	AK032370	67228	2810443J12Rik; RIKEN cDNA 2810443J12 gene				2.40	2.10	0.01
A_51_P123320	AK019493						3.44	2.10	0.00
A_51_P439413	NG_001975						1.57	2.09	0.08
A_51_P459974	AK053129	380928	Lmo7; LIM domain only 7				1.10	2.09	0.42
A_51_P365790	AK043052	104625	A230103N10Rik; RIKEN cDNA A230103N10 gene				2.52	2.09	0.00
A_51_P327778	NM_011070	18637	Pfdn2; prefoldin 2				3.37	2.09	0.00
A_51_P492676	NM_138665	192166	Sardh; sarcosine dehydrogenase				3.44	2.09	0.00
A_51_P369373	AK078479	226122	Ubtd1; ubiquitin domain containing 1				3.35	2.09	0.00
A_51_P227275	NM_007786	12994	Csnk; casein kappa				2.03	2.09	0.02
A_51_P363303	AB049453	71003	4931440B09Rik; RIKEN cDNA 4931440B09 gene				3.79	2.09	0.00
A_51_P489289	BC040409	74734	"Rho; ras homolog gene family, member H"				2.09	2.09	0.02
A_51_P470214	AI844789						1.42	2.09	0.13
A_51_P101879	AK003402	67738	Ppid; peptidylprolyl isomerase D (cyclophilin D)				2.92	2.09	0.00
A_51_P185765	NM_021053	30936	Tscot; thymic stromal cotransporter				1.44	2.08	0.12
A_51_P291438	NM_011607	21923	Tnc; tenascin C				2.88	2.08	0.00

A_51_P481978	NM_023852	67295	"Rab3c; RAB3C, member RAS oncogene family"				1.42	2.08	0.13
A_51_P162852							2.58	2.08	0.00
A_51_P512997	AK046218	215446	Entpd3; ectonucleoside triphosphate diphosphohydrolase 3				3.03	2.08	0.00
A_51_P126476	NM_010863	17912	Myo1b; myosin IB				2.03	2.08	0.02
A_51_P112308	NM_026931	69068	1810011O10Rik; RIKEN cDNA 1810011O10 gene				2.93	2.08	0.00
A_51_P244950	NM_022722	64705	Dpys; dihydropyrimidinase				2.73	2.08	0.00
A_51_P428661	NM_009707	11856	Arhgap6; Rho GTPase activating protein 6				3.20	2.08	0.00
A_51_P342688	NM_010583	16428	Itk; IL2-inducible T-cell kinase				1.46	2.08	0.10
A_51_P300395	AK005730	69318	1700007K09Rik; RIKEN cDNA 1700007K09 gene				3.00	2.08	0.00
A_51_P462556	AK085949						2.65	2.08	0.00
A_51_P388450	X74335	13510	Dsg1a; desmoglein 1 alpha				2.88	2.07	0.00
A_51_P275123	NM_030263	80295	BC003498; cDNA sequence BC00398				2.13	2.07	0.02
A_51_P136588	NM_146931						3.66	2.07	0.00
A_51_P441120	NM_146942						2.43	2.07	0.01
A_51_P270650	NG_001685						3.66	2.07	0.00
A_51_P277445	NM_013923	30945	Rnf19; ring finger protein (C3HC4 type) 19				1.97	2.07	0.02
A_51_P343437							2.66	2.07	0.00
A_51_P435731	AK053592	268739	E130112L23Rik; RIKEN cDNA E130112L23 gene				3.77	2.07	0.00
A_51_P184447	AF424804	171463	Il17rd; interleukin 17 receptor D				3.27	2.07	0.00
A_51_P234233	AK029742	238405	4930523C11Rik; RIKEN cDNA 4930523C11 gene				3.34	2.06	0.00
A_51_P455128	AK016201	71227	4930563E19Rik; RIKEN cDNA 4930563E19 gene				3.57	2.06	0.00
A_51_P116137	NM_008377	16206	Lrig1; leucine-rich repeats and immunoglobulin-like domains 1				2.55	2.06	0.00
A_51_P427412	NM_147035	259037	Olfr711; olfactory receptor 711				2.46	2.06	0.01
A_51_P291501	AK053890	218630	C86987; expressed sequence C86987				2.93	2.06	0.00
A_51_P496905	NM_007686	12630	Cfi; complement component factor i				2.36	2.06	0.01
A_51_P418644	AK087566	217138	BC022765; cDNA sequence BC022765				2.97	2.06	0.00

A_51_P494293	AK020268	329160	B530002L08; hypothetical protein B530002L08				2.96	2.06	0.00
A_51_P487308	AK077585	214580	Pstk; phosphoseryl-tRNA kinase				3.50	2.06	0.00
A_51_P226417	AK004955	68441	Rraga; Ras-related GTP binding A				2.86	2.05	0.00
A_51_P515828	AK045099	72007	1600019O04Rik; RIKEN cDNA 1600019O04 gene				2.17	2.05	0.02
A_51_P354757	AK009888	69655	2310047N01Rik; RIKEN cDNA 2310047N01 gene				3.09	2.05	0.00
A_51_P292221	AF065162	16527	"Kcnk3; potassium channel, subfamily K, member 3"				3.43	2.05	0.00
A_51_P248335	AK012848	72701	2810031P15Rik; RIKEN cDNA 2810031P15 gene				3.11	2.05	0.00
A_51_P252725	NM_008150	14735	Gpc4; glypican 4				2.39	2.05	0.01
A_51_P505738	AY092026	246747	BC054059; cDNA sequence BC054059				3.29	2.05	0.00
A_51_P110629	NM_009001	19339	"Rab3a; RAB3A, member RAS oncogene family"				1.44	2.05	0.12
A_51_P137184	AK006503	76426	1700029J11Rik; RIKEN cDNA 1700029J11 gene				2.97	2.05	0.00
A_51_P411061	U37501	16776	"Lama5; laminin, alpha 5"				2.57	2.05	0.00
A_51_P445173	NM_020496	57246	Tbx20; T-box 20				3.01	2.05	0.00
A_51_P223085	AK014830	80708	Pacsin3; protein kinase C and casein kinase substrate in neurons 3				2.68	2.05	0.00
A_51_P455371	BC016493	245886	Ankrd27; ankyrin repeat domain 27 (VPS9 domain)				2.44	2.05	0.01
A_51_P421525	AA408654						3.40	2.04	0.00
A_51_P238455	NM_009867	99327	AW120700; expressed sequence AW120700				3.43	2.04	0.00
A_51_P260889	NM_009850	12502	"Cd3g; CD3 antigen, gamma polypeptide"				3.33	2.04	0.00
A_51_P515149	BQ443391	214897	"Csnk1g1; casein kinase 1, gamma 1"				2.33	2.04	0.03
A_51_P285256	AA596594	432729	MGC6230; similar to T-cell receptor gamma chain C region 5/10-13				3.08	2.04	0.00
A_51_P110699	AK051741	263876	Spata2; spermatogenesis associated 2				3.28	2.03	0.00
A_51_P285725	NM_009309	20997	T; brachyury				1.98	2.03	0.02

A_51_P517075	NM_011340	20317	"Serpinf1; serine (or cysteine) proteinase inhibitor, clade F, member 1"				2.45	2.03	0.01
A_51_P433083	AK015742	74695	4930510E17Rik; RIKEN cDNA 4930510E17 gene				2.06	2.03	0.02
A_51_P178903	NM_029911	72258	1700024D23Rik; RIKEN cDNA 1700024D23 gene				2.23	2.03	0.02
A_51_P126584	NG_001891						3.16	2.03	0.00
A_51_P232384	BC003330	231801	Hrbl; HIV-1 Rev binding protein-like				2.72	2.02	0.00
A_51_P149155	AK036017	215008	AI854408; expressed sequence AI854408				3.06	2.02	0.00
A_51_P142621	AK052456	320183	Msrb3; methionine sulfoxide reductase B3				2.84	2.02	0.00
A_51_P501248	BC011432	20698	Sphk1; sphingosine kinase 1				3.41	2.02	0.00
A_51_P226866	NM_022411	20500	"Slc13a2; solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 2"				1.68	2.02	0.05
A_51_P108226	AK003352	66107	1100001G20Rik; RIKEN cDNA 1100001G20 gene				3.43	2.02	0.00
A_51_P489578	AV085946	231093	9430057O19Rik; RIKEN cDNA 9430057O19 gene				2.26	2.02	0.03
A_51_P222535	NG_002110						3.04	2.02	0.00
A_51_P158305	M29242						1.75	2.02	0.05
A_51_P264235	AK007077	73572	1700095D23Rik; RIKEN cDNA 1700095D23 gene				2.64	2.02	0.00
A_51_P197965	AK037086	11765	"Ap1g1; adaptor protein complex AP-1, gamma 1 subunit"				3.16	2.02	0.00
A_51_P375328	NM_147087						2.69	2.02	0.00
A_51_P102106	NM_146364	258361	Olf495; olfactory receptor 495				2.62	2.01	0.00
A_51_P258698	BC026881	320595	Phf8; PHD finger protein 8				2.89	2.01	0.00
A_51_P473195	NM_011678	22258	Usp4; ubiquitin specific protease 4 (proto-oncogene)				3.22	2.01	0.00
A_51_P266024	BC006644	103677	AI317223; expressed sequence AI317223				1.82	2.01	0.04
A_51_P345396	BE634940	230119	Zbtb5; zinc finger and BTB domain containing 5				2.35	2.01	0.01

A_51_P468478	BC031143	72090	Entpd8; ectonucleoside triphosphate diphosphohydrolase 8				2.49	2.01	0.02
A_51_P135517	NM_007728	12810	Coch; coagulation factor C homolog (Limulus polyphemus)				2.13	2.01	0.02
A_51_P272493	AK048853	227693	C230075L19Rik; RIKEN cDNA C230075L19 gene				2.99	2.01	0.00
A_51_P478458	NM_133239	170788	Crb1; crumbs homolog 1 (Drosophila)				2.63	2.01	0.00
A_51_P204801	NM_009920	12794	Cnil; cornichon-like (Drosophila)				3.67	2.01	0.00
A_51_P222380	AJ400622	230157	Tmeff1; transmembrane protein with EGF-like and two follistatin-like domains 1				3.37	2.01	0.00
A_51_P136084	AK036136	103098	"Slc6a15; solute carrier family 6 (neurotransmitter transporter), member 15"				2.72	2.01	0.00
A_51_P491227	NM_019879	56451	"Succlg1; succinate-CoA ligase, GDP-forming, alpha subunit"				2.77	2.01	0.00
A_51_P438713	NM_023814	76365	Tbx18; T-box18				2.68	2.01	0.00
A_51_P276517	AK006964	73523	1700081D17Rik; RIKEN cDNA 1700081D17 gene				1.65	2.01	0.07
A_51_P135982	NG_001904						2.17	2.00	0.02
A_51_P396852	NM_026619	68214	1700020F09Rik; RIKEN cDNA 1700020F09 gene				2.60	2.00	0.00
A_51_P428162	NG_002019						1.87	2.00	0.03
A_51_P118885	NM_008537	17117	Amacr; alpha-methylacyl-CoA racemase				3.53	2.00	0.00
A_51_P489755	NM_010781	17229	Mcpt6; mast cell protease 6				2.42	2.00	0.01
A_51_P317272	AK009485	69556	2310022M17Rik; RIKEN cDNA 2310022M17 gene				2.97	2.00	0.00
A_51_P132150	AK088972	21406	Tcf12; transcription factor 12				2.75	2.00	0.00
A_51_P430259	NM_029301	75472	1700009P17Rik; RIKEN cDNA 1700009P17 gene				2.86	2.00	0.00
A_51_P144024	AK045771	277328	Anktm1; ANKTM1				3.38	2.00	0.00
A_51_P380991	NM_027563	16672	"Krt1-4; keratin complex 1, acidic, gene 4"				2.77	2.00	0.00
A_51_P326043	AK030144	244653	Hydin; hydrocephalus inducing				2.88	2.00	0.00
A_51_P471238	NG_002037						2.46	2.00	0.01

A_51_P221677	AK018173	67525	6330414G21Rik; RIKEN cDNA 6330414G21 gene				3.51	2.00	0.00
A_51_P137675	AF357361						3.28	1.99	0.00
A_51_P197292	AK082620						3.21	1.99	0.00
A_51_P210155	AK005939	76399	1700013B14Rik; RIKEN cDNA 1700013B14 gene				3.45	1.99	0.00
A_51_P243294	BQ920291	380912	Zfp395; zinc finger protein 395				3.12	1.99	0.00
A_51_P511329	AK087833	19220	Ptgfr; prostaglandin F receptor				3.11	1.99	0.00
A_51_P155875	AK005570	76487	1600032L17Rik; RIKEN cDNA 1600032L17 gene				3.62	1.99	0.00
A_51_P204153	NM_010518	16011	Igfbp5; insulin-like growth factor binding protein 5				2.75	1.99	0.00
A_51_P436429	NM_011104	18754	"Prkce; protein kinase C, epsilon"				1.80	1.99	0.04
A_51_P444041	NM_028604	73681	2410075D05Rik; RIKEN cDNA 2410075D05 gene				2.48	1.99	0.02
A_51_P176352	NM_013864	29811	Ndr2; N-myc downstream regulated gene 2				2.76	1.98	0.00
A_51_P479427	AF265232	246102	Rtnn; rotatin				3.06	1.98	0.00
A_51_P374453	AK088490	209318	Gps1; G protein pathway suppressor 1				1.66	1.98	0.07
A_51_P465331	NM_008008	14178	Fgf7; fibroblast growth factor 7				3.32	1.98	0.00
A_51_P296182	AK090207	215113	BC042513; cDNA sequence BC042513				1.46	1.98	0.10
A_51_P237418	AK014752	74067	4933406G12Rik; RIKEN cDNA 4933406G12 gene				3.46	1.98	0.00
A_51_P480073	NM_007689	12643	Chad; chondroadherin				2.91	1.98	0.00
A_51_P290280	AK087762	71106	4933413J09Rik; RIKEN cDNA 4933413J09 gene				3.30	1.98	0.00
A_51_P284646	AK047188	217265	"Abca5; ATP-binding cassette, sub-family A (ABC1), member 5"				2.50	1.98	0.00
A_51_P363194	AK019693	230861	"Eif4g3; eukaryotic translation initiation factor 4 gamma, 3"				2.52	1.98	0.00
A_51_P466007	BY419928	66225	1190005P17Rik; RIKEN cDNA 1190005P17 gene				3.09	1.98	0.00
A_51_P373112	AK078485	208768	BC031781; cDNA sequence BC031781				3.47	1.97	0.00
A_51_P435809	NM_011787	23802	Amfr; autocrine motility factor receptor				2.93	1.97	0.00
A_51_P297508	NM_080446	117599	Helb; helicase (DNA) B				2.51	1.97	0.00

A_51_P345366	NM_010724	16913	"Psmb8; proteasome (prosome, macropain) subunit, beta type 8 (large multifunctional protease 7)"				2.30	1.97	0.03
A_51_P285906	AK014010	66962	2310047B19Rik; RIKEN cDNA 2310047B19 gene				1.79	1.97	0.04
A_51_P239257	BC024121	75599	2010005A06Rik; RIKEN cDNA 2010005A06 gene				2.98	1.97	0.00
A_51_P432567	NM_008241	15228	Foxg1; forkhead box G1				2.90	1.97	0.00
A_51_P150354	BC020180	76804	Jmjd2c; jumonji domain containing 2C				2.92	1.97	0.00
A_51_P499091	AK049671	208188	Ghsr; growth hormone secretagogue receptor				2.86	1.96	0.00
A_51_P157255	NM_008304	15529	Sdc2; syndecan 2				1.25	1.96	0.21
A_51_P281134	NM_012005	26896	"Crsp2; cofactor required for Sp1 transcriptional activation, subunit 2"				2.60	1.96	0.00
A_51_P422465	NM_134187	171205	"V1rc32; vomeronasal 1 receptor, C32"				2.54	1.96	0.00
A_51_P115376	NG_002054						1.35	1.96	0.17
A_51_P197038	AK035265	216549	9130023F12Rik; RIKEN cDNA 9130023F12 gene				2.29	1.96	0.03
A_51_P494430	NM_031166	15904	Idb4; inhibitor of DNA binding 4				1.46	1.96	0.10
A_51_P364225	AK045158	77300	9430025M21Rik; RIKEN cDNA 9430025M21 gene				2.87	1.96	0.00
A_51_P220343	NM_018865	22402	Wisp1; WNT1 inducible signaling pathway protein 1				2.99	1.96	0.00
A_51_P466288	AK005337	228564	A930004K21Rik; RIKEN cDNA A930004K21 gene				2.67	1.96	0.00
A_51_P477972	NG_001800						2.44	1.96	0.01
A_51_P119942	NM_008430	16525	"Kcnk1; potassium channel, subfamily K, member 1"				3.07	1.96	0.00
A_51_P389317	NM_147095						1.96	1.96	0.02
A_51_P427401	AK016569	74432	4932442L08Rik; RIKEN cDNA 4932442L08 gene				1.40	1.96	0.13
A_51_P191893	AK054069	69755	2410022M11Rik; RIKEN cDNA 2410022M11 gene				2.79	1.96	0.00
A_51_P163901	NM_146899						2.78	1.95	0.00

A_51_P131879	NM_033587	93724	"Pcdhga12; protocadherin gamma subfamily A, 12"				2.90	1.95	0.00
A_51_P181599	AK077088	70896	"Speer1-ps1; spermatogenesis associated glutamate (E)-rich protein 1, pseudogene 1"				3.40	1.95	0.00
A_51_P120017	BC006845	207728	"Pde2a; phosphodiesterase 2A, cGMP-stimulated"				3.28	1.95	0.00
A_51_P347504	NG_001898						2.91	1.95	0.00
A_51_P391829	NM_016699	50912	Exosc10; exosome component 10				1.92	1.95	0.03
A_51_P434745	BC023105	207269	BC023105; cDNA sequence BC023105				2.34	1.95	0.01
A_51_P462102	BC019649	70693	Gpr125; G protein-coupled receptor 125				1.98	1.95	0.02
A_51_P124222	AK082699	11831	Aqp6; aquaporin 6				3.00	1.95	0.00
A_51_P254792	NM_011148	19023	"Ppef2; protein phosphatase, EF hand calcium-binding domain 2"				3.37	1.95	0.00
A_51_P184928	AK076846						2.65	1.95	0.00
A_51_P349132	NM_010737	17057	Klrb1a; killer cell lectin-like receptor subfamily B member 1A				3.43	1.95	0.00
A_51_P172661	NM_016808	53376	Usp2; ubiquitin specific protease 2				3.02	1.95	0.00
A_51_P452601	BC023062	226849	"Ppp2r5a; protein phosphatase 2, regulatory subunit B (B56), alpha isoform"				-1.61	0.51	0.25
A_51_P393768	AK003774	76303	Osbp; oxysterol binding protein				-2.10	0.51	0.02
A_51_P345100	BC051011	240067	BC057593; cDNA sequence BC057593				-3.16	0.51	0.00
A_51_P498863	NM_053168	94091	Trim11; tripartite motif protein 11				-2.53	0.51	0.02
A_51_P280125	AK035764	72828	2810457I06Rik; RIKEN cDNA 2810457I06 gene				-2.69	0.51	0.00
A_51_P364600	AF061744	23880	Fyb; FYN binding protein				-2.69	0.51	0.00
A_51_P227108	AK043288	101013	AW742481; expressed sequence AW742481				-2.26	0.51	0.02
A_51_P298570	NM_013506	13682	Eif4a2; eukaryotic translation initiation factor 4A2				-2.57	0.51	0.00
A_51_P487892	AF237953	104401	Pcnx13; pecanex-like 3 (Drosophila)				-2.65	0.51	0.00
A_51_P154668	BC003217	236604	MGC65558; similar to phosphatidylserine decarboxylase				-2.19	0.51	0.02
A_51_P174953	S64130						-2.50	0.51	0.01

A_51_P102652	NM_023397	67881	1810034K20Rik; RIKEN cDNA 1810034K20 gene				-2.70	0.51	0.00
A_51_P387713	NM_008857	18759	"Prkci; protein kinase C, iota"				-2.29	0.51	0.02
A_51_P180362	NM_007644	12492	"Scarb2; scavenger receptor class B, member 2"				-2.69	0.51	0.00
A_51_P518747	NM_008845	18718	"Pip5k2a; phosphatidylinositol-4-phosphate 5-kinase, type II, alpha"				-3.25	0.51	0.00
A_51_P424448	AK013019	20610	Sumo3; SMT3 suppressor of mif two 3 homolog 3 (yeast)				-2.36	0.51	0.03
A_51_P140171	NM_024173	66290	"Atp6v1g1; ATPase, H+ transporting, V1 subunit G isoform 1"				-1.71	0.51	0.15
A_51_P118417	BC004847	74617	Scpep1; serine carboxypeptidase 1				-2.25	0.51	0.02
A_51_P475249	NM_134064	105239	Rnf44; ring finger protein 44				-2.34	0.51	0.03
A_51_P421882	BC012521	76357	2610027O18Rik; RIKEN cDNA 2610027O18 gene				-2.60	0.51	0.00
A_51_P360836	NM_178604	28062	"D18Wsu98e; DNA segment, Chr 18, Wayne State University 98, expressed"				-2.45	0.51	0.01
A_51_P211108	AK076731	66185	1110037F02Rik; RIKEN cDNA 1110037F02 gene				-2.70	0.51	0.00
A_51_P220893	AK084111	68942	1190006E07Rik; RIKEN cDNA 1190006E07 gene				-2.14	0.51	0.02
A_51_P362566	AK081763	109181	6030460N08Rik; RIKEN cDNA 6030460N08 gene				-3.35	0.51	0.00
A_51_P103320	AK077400	108829	Jmjd1c; jumonji domain containing 1C				-2.59	0.51	0.00
A_51_P326483	NM_023292	67049	Pus3; pseudouridine synthase 3				-3.30	0.51	0.00
A_51_P465512	NM_008708	18108	Nmt2; N-myristoyltransferase 2				-2.23	0.51	0.02
A_51_P453246	BC029863	107197	AI462493; expressed sequence AI462493				-2.95	0.51	0.00
A_51_P452507	AK080983						-2.92	0.51	0.00
A_51_P251754	AK009046	69478	2300009A05Rik; RIKEN cDNA 2300009A05 gene				-3.86	0.51	0.00
A_51_P399000	AK089782	219150	F830020C16Rik; RIKEN cDNA F830020C16 gene				-3.33	0.50	0.00
A_51_P297346	AK015706	107767	Scamp1; secretory carrier membrane protein 1				-3.38	0.50	0.00

A_51_P472369	AK018641	74569	Ttc17; tetratricopeptide repeat domain 17				-3.27	0.50	0.00
A_51_P389421	NM_023480	68636	Fahd1; fumarylacetoacetate hydrolase domain containing 1				-2.38	0.50	0.03
A_51_P318012	BF141179	19328	"Rab12; RAB12, member RAS oncogene family"				-3.03	0.50	0.00
A_51_P284341	AK009866	66395	2310047C17Rik; RIKEN cDNA 2310047C17 gene				-4.01	0.50	0.00
A_51_P196514	NM_008111	14568	Gdi2; guanosine diphosphate (GDP) dissociation inhibitor 2				-1.98	0.50	0.04
A_51_P403762	AK088830	109880	Braf; Braf transforming gene				-3.06	0.50	0.00
A_51_P179686	NM_026327	67708	1810048J11Rik; RIKEN cDNA 1810048J11 gene				-3.10	0.50	0.00
A_51_P240269	AK039695	245622	BC031748; cDNA sequence BC031748				-2.77	0.50	0.00
A_51_P410949	NM_026190						-2.79	0.50	0.00
A_51_P370380	NM_023697	105014	Rdh14; retinol dehydrogenase 14 (all-trans and 9-cis)				-2.34	0.50	0.03
A_51_P395573	AK052684	329679	D630023B12Rik; RIKEN cDNA D630023B12 gene				-2.83	0.50	0.00
A_51_P384618	NM_026144	67422	Dhdds; dehydrolipichyl diphosphate synthase				-2.44	0.50	0.01
A_51_P410260	NM_008846	18719	"Pip5k1a; phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha"				-2.92	0.50	0.00
A_51_P127469	BC004749	14651	Hagh; hydroxyacyl glutathione hydrolase				-1.73	0.50	0.13
A_51_P129937	NM_052973	70656	5730526G10Rik; RIKEN cDNA 5730526G10 gene				-3.30	0.50	0.00
A_51_P492797	BC027309	243371	BC027309; cDNA sequence BC027309				-2.89	0.50	0.00
A_51_P489560	AK043956	229776	Cdc14a; CDC14 cell division cycle 14 homolog A (S. cerevisiae)				-3.54	0.50	0.00
A_51_P463428	AK005141	216505	1500004A08Rik; RIKEN cDNA 1500004A08 gene				-2.79	0.50	0.00
A_51_P190000	BC019509	69606	2310020P08Rik; RIKEN cDNA 2310020P08 gene				-2.72	0.50	0.00
A_51_P468780	NM_025812	66867	Hmg20a; high mobility group 20A				-1.64	0.50	0.20

A_51_P416191	AK077185	207304	Hectd1; HECT domain containing 1				-3.18	0.50	0.00
A_51_P130526	AK037058	331004	"Slc9a9; solute carrier family 9 (sodium/hydrogen exchanger), isoform 9"				-3.16	0.50	0.00
A_51_P518851	AK051071	12914	Crebbp; CREB binding protein				-2.11	0.50	0.02
A_51_P317029	NM_019794	56445	"Dnaja2; DnaJ (Hsp40) homolog, subfamily A, member 2"				-3.61	0.50	0.00
A_51_P485680	NM_025960	67091	1810073E21Rik; RIKEN cDNA 1810073E21 gene				-3.39	0.50	0.00
A_51_P270286	BC023347	235661	"Dncl1; dynein, cytoplasmic, light intermediate chain 1"				-3.80	0.50	0.00
A_51_P160363	Y12229	22288	Utn; utrophin				-3.33	0.49	0.00
A_51_P438967	NM_053110	93695	Gpnmb; glycoprotein (transmembrane) nmb				-1.94	0.49	0.05
A_51_P461947	AK033483	320951	9030221M09Rik; RIKEN cDNA 9030221M09 gene				-2.40	0.49	0.01
A_51_P503368	NM_022997	65114	Vps35; vacuolar protein sorting 35				-2.65	0.49	0.00
A_51_P217616	NM_016803	53374	Chst3; carbohydrate (chondroitin 6/keratan) sulfotransferase 3				-2.64	0.49	0.00
A_51_P136479	AK080767	78394	Ddx52; DEAD (Asp-Glu-Ala-Asp) box polypeptide 52				-3.32	0.49	0.00
A_51_P390586	NM_027478	70612	5730494N06Rik; RIKEN cDNA 5730494N06 gene				-1.79	0.49	0.09
A_51_P147274	NM_153197	73149	3110037K17Rik; RIKEN cDNA 3110037K17 gene				-1.72	0.49	0.13
A_51_P417109	X74855	22709	Zfp51; zinc finger protein 51				-2.60	0.49	0.00
A_51_P328932	NM_011626	21982	Tparl; TPA regulated locus				-2.46	0.49	0.01
A_51_P312217	AK076492	399589	4833428C12Rik; RIKEN cDNA 4833428C12 gene				-2.55	0.49	0.00
A_51_P512591	AK004859	57912	Cdc42se1; CDC42 small effector 1				-2.53	0.49	0.02
A_51_P205545	NM_133930	171508	Creld1; cysteine-rich with EGF-like domains 1				-3.51	0.49	0.00
A_51_P206243	AK004088	229709	Ahcyl1; S-adenosylhomocysteine hydrolase-like 1				-2.58	0.49	0.00

A_51_P314192	AK004151	64657	Mrps10; mitochondrial ribosomal protein S10				-2.21	0.49	0.02
A_51_P156902	NM_025336	66075	Chchd3; coiled-coil-helix-coiled-coil-helix domain containing 3				-2.02	0.49	0.03
A_51_P450871	NM_054050	107746	Rapgef1; Rap guanine nucleotide exchange factor (GEF) 1				-3.34	0.49	0.00
A_51_P158120	AK084275	97884	D230016N13Rik; RIKEN cDNA D230016N13 gene				-2.41	0.48	0.01
A_51_P311990	J05185	18453	"P4hb; prolyl 4-hydroxylase, beta polypeptide"				-2.38	0.48	0.03
A_51_P498558	BC024864	217154	Stac2; SH3 and cysteine rich domain 2				-3.04	0.48	0.00
A_51_P319065	NM_033604	93836	Rnf111; ring finger 111				-2.27	0.48	0.02
A_51_P400527	BC016570	67878	Tmem33; transmembrane protein 33				-2.83	0.48	0.00
A_51_P220799	AK045511	242291	1110001C20Rik; RIKEN cDNA 1110001C20 gene				-2.97	0.48	0.00
A_51_P291764	AK017149	319936	D030074E01Rik; RIKEN cDNA D030074E01 gene				-2.14	0.48	0.02
A_51_P223929	AK031724	192195	"Ash1l; ash1 (absent, small, or homeotic)-like (Drosophila)"				-3.77	0.48	0.00
A_51_P393602	NM_023721	73834	"Atp6v1d; ATPase, H ⁺ transporting, V1 subunit D"				-1.88	0.48	0.07
A_51_P154534	AF426433	17828	Muted; muted				-2.00	0.48	0.03
A_51_P482421	BB161901						-2.06	0.48	0.03
A_51_P193563	X74145	12572	Cdk7; cyclin-dependent kinase 7 (homolog of Xenopus MO15 cdk-activating kinase)				-3.76	0.48	0.00
A_51_P201680	AK015871	75094	4930522N08Rik; RIKEN cDNA 4930522N08 gene				-3.20	0.48	0.00
A_51_P499551	NM_133983	102657	B7h3; B7 homolog 3				-3.23	0.48	0.00
A_51_P333253	AK088011	246177	Myo1g; myosin IG				-2.74	0.47	0.00
A_51_P154469	NM_010761	17151	Ccndbp1; cyclin D-type binding-protein 1				-2.67	0.47	0.00
A_51_P301994	BC023147	52575	Rg9mtd1; RNA (guanine-9-) methyltransferase domain containing 1				-2.44	0.47	0.01
A_51_P234833	BC004025	97387	"Strn4; striatin, calmodulin binding protein 4"				-2.32	0.47	0.03

A_51_P349435	AK002848	107368	Pdzk8; PDZ domain containing 8				-1.90	0.47	0.05
A_51_P119670	NM_010265	14537	"Gcnt1; glucosaminyl (N-acetyl) transferase 1, core 2"				-2.91	0.47	0.00
A_51_P483301	AK029613	320769	"Prdx6-rs1; peroxiredoxin 6, related sequence 1"				-3.09	0.47	0.00
A_51_P504337	NM_009848	12495	Entpd1; ectonucleoside triphosphate diphosphohydrolase 1				-4.27	0.47	0.00
A_51_P343787	NM_024431	210126	Lpp; LIM domain containing preferred translocation partner in lipoma				-2.13	0.47	0.02
A_51_P365226	BC010252	16341	"Eif3s6; eukaryotic translation initiation factor 3, subunit 6"				-2.67	0.47	0.00
A_51_P142989	AK083314	101199	AI929863; expressed sequence AI929863				-3.47	0.47	0.00
A_51_P168708	U29530	11950	"Atp5f1; ATP synthase, H ⁺ transporting, mitochondrial F ₀ complex, subunit b, isoform 1"				-2.13	0.47	0.02
A_51_P352894	AK085726	211673	Arfgef1; ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited)				-2.79	0.47	0.00
A_51_P426274	NM_133667	18604	"Pdk2; pyruvate dehydrogenase kinase, isoenzyme 2"				-3.91	0.47	0.00
A_51_P426014	AK008434	229593	2010204I15Rik; RIKEN cDNA 2010204I15 gene				-3.69	0.46	0.00
A_51_P362209	BC034879	69456	Commd10; COMM domain containing 10				-2.24	0.46	0.02
A_51_P140321	BC016223	68591	Mocos; molybdenum cofactor sulfurase				-2.48	0.46	0.01
A_51_P319213	AK089507	242341	"Atp6v0d2; ATPase, H ⁺ transporting, V ₀ subunit D, isoform 2"				-3.19	0.46	0.00
A_51_P452280	NM_010839	17763	Mtcp1; mature T-cell proliferation 1				-2.83	0.46	0.00
A_51_P434806	NM_009187	20463	Cox7a2l; cytochrome c oxidase subunit VIIa polypeptide 2-like				-2.46	0.46	0.01
A_51_P139244	NM_026055	67248	Rpl39; ribosomal protein L39				-1.64	0.46	0.20
A_51_P330428	NM_007918	13685	Eif4ebp1; eukaryotic translation initiation factor 4E binding protein 1				-3.02	0.46	0.00
A_51_P367434	NM_028876	73130	4432412D15Rik; RIKEN cDNA 4432412D15 gene				-2.40	0.46	0.03

A_51_P183732	AK008489	19983	Rpl5; ribosomal protein L5				-2.42	0.46	0.01
A_51_P381150	AI480685	76901	Phf15; PHD finger protein 15				-2.87	0.46	0.00
A_51_P459679	NM_007978	14070	F8a; factor 8-associated gene A				-3.58	0.46	0.00
A_51_P338317	AB060650	104215	"Rhoq; ras homolog gene family, member Q"				-2.69	0.46	0.00
A_51_P491144	AK078821	99003	4732486I23Rik; RIKEN cDNA 4732486I23 gene				-3.96	0.46	0.00
A_51_P159172	NM_011083	18704	"Pik3c2a; phosphatidylinositol 3-kinase, C2 domain containing, alpha polypeptide"				-3.34	0.46	0.00
A_51_P314186	NM_022027						-3.76	0.46	0.00
A_51_P109508	AF450241	171285	Havcr2; hepatitis A virus cellular receptor 2				-3.45	0.46	0.00
A_51_P166107	AK075904	93696	Chrac1; chromatin accessibility complex 1				-4.11	0.46	0.00
A_51_P338485	NM_134042	104776	"Aldh6a1; aldehyde dehydrogenase family 6, subfamily A1"				-3.00	0.46	0.00
A_51_P332379	BM934889	226499	BC003331; cDNA sequence BC003331				-3.83	0.45	0.00
A_51_P466221	AF503863	110542	Amhr2; anti-Mullerian hormone type 2 receptor				-4.30	0.45	0.00
A_51_P431919	NM_019678	21787	Tfg; Trk-fused gene				-1.88	0.45	0.07
A_51_P450123	NM_053163	94066	Mrpl36; mitochondrial ribosomal protein L36				-2.10	0.45	0.02
A_51_P283807	NM_016795	20815	Srpk1; serine/arginine-rich protein specific kinase 1				-4.12	0.45	0.00
A_51_P429111	AK010199	71938	2310076G13Rik; RIKEN cDNA 2310076G13 gene				-2.59	0.45	0.00
A_51_P336403	NM_133749	73024	2900064A13Rik; RIKEN cDNA 2900064A13 gene				-2.39	0.45	0.03
A_51_P478940	NM_020585	57437	"Golga7; golgi autoantigen, golgin subfamily a, 7"				-2.31	0.45	0.02
A_51_P270350	AK040576	77805	A930014I12Rik; RIKEN cDNA A930014I12 gene				-2.69	0.45	0.00
A_51_P417321	AK041130	329002	Zfp236; zinc finger protein 236				-2.89	0.45	0.00
A_51_P360486	AF332089	171588	Zfp133; zinc finger protein 133				-1.81	0.45	0.08

A_51_P506356	AK005615	67689	"Aldh3b1; aldehyde dehydrogenase 3 family, member B1"				-2.56	0.45	0.00
A_51_P373599	AK085681	110895	"Slc9a4; solute carrier family 9 (sodium/hydrogen exchanger), member 4"				-2.30	0.45	0.02
A_51_P468609	NM_175676						-2.96	0.44	0.00
A_51_P314077	NM_013843	24132	Zfp53; zinc finger protein 53				-3.09	0.44	0.00
A_51_P228086	BC025558	216238	Eea1; early endosome antigen 1				-3.11	0.44	0.00
A_51_P394149	AK035493	69562	Cdc2l5; cell division cycle 2-like 5 (cholinesterase-related cell division controller)				-2.88	0.44	0.00
A_51_P244690	NM_009458	22210	"Ube2b; ubiquitin-conjugating enzyme E2B, RAD6 homology (S. cerevisiae)"				-3.18	0.44	0.00
A_51_P195393	NM_025859	104303	Arl1; ADP-ribosylation factor-like 1				-2.79	0.44	0.00
A_51_P282227	NM_020577	57344	As3mt; arsenic (+3 oxidation state) methyltransferase				-3.05	0.44	0.00
A_51_P250739	NM_009730	11990	Atrn; attractin				-3.01	0.44	0.00
A_51_P435968	NM_134131	106869	"Tnfaip8; tumor necrosis factor, alpha-induced protein 8"				-2.81	0.44	0.00
A_51_P127516	BC026656	268449	Rpl23a; ribosomal protein L23a				-1.86	0.44	0.07
A_51_P399433							-3.76	0.44	0.00
A_51_P502194	AK034959	241075	9430067K14Rik; RIKEN cDNA 9430067K14 gene				-4.30	0.44	0.00
A_51_P200397	AK014991	223453	Dap; death-associated protein				-3.24	0.44	0.00
A_51_P422578	AK053009	381203	"Gm963; gene model 963, (NCBI)"				-3.74	0.44	0.00
A_51_P368343	M28513	238693	A530094I17Rik; RIKEN cDNA A530094I17 gene				-2.72	0.44	0.00
A_51_P398887	AK078511	83429	"Ctns; cystinosis, nephropathic"				-2.37	0.44	0.03
A_51_P205812	BC027541						-3.00	0.44	0.00
A_51_P240019	NM_013755	27357	Gyg1; glycogenin 1				-2.93	0.44	0.00
A_51_P144971	BC012405						-2.58	0.44	0.00
A_51_P165335	NM_007585	12306	Anxa2; annexin A2				-2.50	0.44	0.01
A_51_P502661	BC004727	67776	"Loh11cr2a; loss of heterozygosity, 11, chromosomal region 2, gene A homolog (human)"				-2.82	0.44	0.00

A_51_P280192	AK014035	69186	1810027O10Rik; RIKEN cDNA 1810027O10 gene				-2.94	0.43	0.00
A_51_P334763	AK006255	75558	1700022P22Rik; RIKEN cDNA 1700022P22 gene				-2.35	0.43	0.03
A_51_P141660	AK053672	235380	E130119P06Rik; RIKEN cDNA E130119P06 gene				-3.97	0.43	0.00
A_51_P335900	NM_007747	12858	"Cox5a; cytochrome c oxidase, subunit Va"				-1.80	0.43	0.08
A_51_P146655	AK007522	77219	"Zadh1; zinc binding alcohol dehydrogenase, domain containing 1"				-3.94	0.43	0.00
A_51_P134602	NM_007475	11837	Arbp; acidic ribosomal phosphoprotein P0				-1.77	0.43	0.10
A_51_P175255	NM_031198	21426	Tcfec; transcription factor EC				-3.56	0.43	0.00
A_51_P485655	BQ551277						-3.45	0.43	0.00
A_51_P154679	AK049754	224617	C530046L02Rik; RIKEN cDNA C530046L02 gene				-3.17	0.43	0.00
A_51_P312121	NM_011723	22436	Xdh; xanthine dehydrogenase				-4.39	0.43	0.00
A_51_P108459	NM_008152	14744	Gpr65; G-protein coupled receptor 65				-2.52	0.43	0.02
A_51_P453398	AK076398	217732	2310044G17Rik; RIKEN cDNA 2310044G17 gene				-2.56	0.43	0.00
A_51_P350853	NM_009987	13051	Cx3cr1; chemokine (C-X3-C) receptor 1				-3.39	0.43	0.00
A_51_P298178	NM_016890	53598	Dctn3; dynactin 3				-3.21	0.43	0.00
A_51_P460734	NM_011103	18753	"Prkcd; protein kinase C, delta"				-3.52	0.43	0.00
A_51_P390827	AF060246	20402	Zfp106; zinc finger protein 106				-3.60	0.43	0.00
A_51_P233894	AK008273	11857	"Arhgdib; Rho, GDP dissociation inhibitor (GDI) beta"				-2.27	0.42	0.02
A_51_P211908	NM_013747	27277	"Golga5; golgi autoantigen, golgin subfamily a, 5"				-2.64	0.42	0.00
A_51_P225695	BI791304	18798	"Plcb4; phospholipase C, beta 4"				-4.06	0.42	0.00
A_51_P417855	BC012278						-3.64	0.42	0.00
A_51_P338776	AK003892	68598	"Dnajc8; DnaJ (Hsp40) homolog, subfamily C, member 8"				-3.35	0.42	0.00
A_51_P475580	AK033445	216558	Ugp2; UDP-glucose pyrophosphorylase 2				-2.59	0.42	0.00
A_51_P453810	BQ175897	105689	"Phr1; pam, highwire, rpm 1"				-3.86	0.42	0.00

A_51_P196314	NM_080633	11429	"Aco2; aconitase 2, mitochondrial"				-2.01	0.42	0.03
A_51_P252363	NM_133887	100226	Stx12; syntaxin 12				-3.30	0.41	0.00
A_51_P363791	NM_018829	55946	"Ap3m1; adaptor-related protein complex 3, mu 1 subunit"				-2.77	0.41	0.00
A_51_P184321	NM_007926	13722	"Scye1; small inducible cytokine subfamily E, member 1"				-3.14	0.41	0.00
A_51_P430918	BC006770						-4.38	0.41	0.00
A_51_P101305	NM_011290	19988	Rpl6; ribosomal protein L6				-2.15	0.41	0.02
A_51_P172692	NM_017478	54160	"Copg2; coatomer protein complex, subunit gamma 2"				-3.31	0.41	0.00
A_51_P128725	AF226870	57782	Rbak; RB-associated KRAB repressor				-3.34	0.41	0.00
A_51_P103081	AK050866						-3.02	0.41	0.00
A_51_P230313							-3.63	0.41	0.00
A_51_P119358	AK005633	75480	1700003F12Rik; RIKEN cDNA 1700003F12 gene				-3.98	0.41	0.00
A_51_P268167	AK044563	218850	"D14Abb1e; DNA segment, Chr 14, Abbott 1 expressed"				-4.53	0.41	0.00
A_51_P473758							-2.95	0.41	0.00
A_51_P368097	NM_080558	70599	Ssfa2; sperm specific antigen 2				-3.72	0.41	0.00
A_51_P208511	NM_009924	12802	Cnr2; cannabinoid receptor 2 (macrophage)				-3.89	0.41	0.00
A_51_P278427	AK076182	218734	3830406C13Rik; RIKEN cDNA 3830406C13 gene				-3.52	0.41	0.00
A_51_P163482	AK019943						-3.15	0.41	0.00
A_51_P494589	AJ245569	19347	Rab6ip1; Rab6 interacting protein 1				-3.25	0.40	0.00
A_51_P491355	AK083227	225888	Suv420h1; suppressor of variegation 4-20 homolog 1 (Drosophila)				-3.23	0.40	0.00
A_51_P248959	AK019788	78808	Stxbp5; syntaxin binding protein 5 (tomosyn)				-4.72	0.40	0.00
A_51_P439170	X64069	17114	"M6pr-ps; mannose-6-phosphate receptor, pseudogene"				-2.06	0.40	0.03
A_51_P195066	NM_013658	20351	"Sema4a; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin 4A"				-3.51	0.40	0.00

A_51_P517120	D10627						-3.09	0.40	0.00
A_51_P164400	NM_015728	11416	"Slc33a1; solute carrier family 33 (acetyl-CoA transporter), member 1"				-4.79	0.40	0.00
A_51_P344726	AK050609	20104	Rps6; ribosomal protein S6				-2.15	0.40	0.02
A_51_P465809	NM_178651	109108	"Slc30a9; solute carrier family 30 (zinc transporter), member 9"				-5.12	0.40	0.00
A_51_P376158	NM_024175	66475	Rps23; ribosomal protein S23				-2.53	0.40	0.02
A_51_P370315	NM_011937	26384	Gnpda1; glucosamine-6-phosphate deaminase 1				-3.41	0.40	0.00
A_51_P336149							-3.27	0.40	0.00
A_51_P301785	BC027545						-2.69	0.40	0.00
A_51_P470228	BC008150	223918	BC008150; cDNA sequence BC008150				-2.19	0.39	0.02
A_51_P230808	NM_029583						-2.77	0.39	0.00
A_51_P207849	BC027558	69168	1810037G04Rik; RIKEN cDNA 1810037G04 gene				-3.56	0.39	0.00
A_51_P399373	AK035717	242687	"Wasf2; WAS protein family, member 2"				-2.76	0.39	0.00
A_51_P491095	AK053262	74533	Zfp336; zinc finger protein 336				-4.16	0.39	0.00
A_51_P488673	NM_008143	14694	"Gnb2-rs1; guanine nucleotide binding protein, beta 2, related sequence 1"				-2.40	0.39	0.01
A_51_P372992	NM_028732	74048	4632428N05Rik; RIKEN cDNA 4632428N05 gene				-4.43	0.39	0.00
A_51_P444633	BC021490	69635	Dapk1; death associated protein kinase 1				-4.23	0.39	0.00
A_51_P370960	AK050302	71517	9030624J02Rik; RIKEN cDNA 9030624J02 gene				-4.32	0.39	0.00
A_51_P402994	BC021453	26900	"Ddx3y; DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked"				-3.38	0.39	0.00
A_51_P402909	BB475830						-3.97	0.39	0.00
A_51_P110189	NM_053273	117160	Ttyh2; tweety homolog 2 (Drosophila)				-4.51	0.38	0.00
A_51_P193346	NM_016796	53330	Vamp4; vesicle-associated membrane protein 4				-3.28	0.38	0.00
A_51_P103975	NM_027430	70456	2610205H19Rik; RIKEN cDNA 2610205H19 gene				-2.19	0.38	0.02
A_51_P183205	AK030368	224118	1700021K19Rik; RIKEN cDNA 1700021K19 gene				-2.89	0.38	0.00

A_51_P441426	NM_019932	56744	Cxcl4; chemokine (C-X-C motif) ligand 4				-3.29	0.38	0.00
A_51_P323812	NM_133661	14411	"Slc6a12; solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12"				-3.86	0.38	0.00
A_51_P310040	AK088560	230257	Rod1; ROD1 regulator of differentiation 1 (S. pombe)				-3.49	0.38	0.00
A_51_P200447	NM_008863	18768	"Pkib; protein kinase inhibitor beta, cAMP dependent, testis specific"				-4.72	0.38	0.00
A_51_P291922	NM_015731	11981	"Atp9a; ATPase, class II, type 9A"				-5.02	0.38	0.00
A_51_P303583	BU744153	18720	"Pip5k1b; phosphatidylinositol-4-phosphate 5-kinase, type 1 beta"				-2.15	0.37	0.02
A_51_P511734	AK049254	76793	Snip1; Smad nuclear interacting protein 1				-3.97	0.37	0.00
A_51_P273326	BC004094	69162	Sec31l1; SEC31-like 1 (S. cerevisiae)				-3.52	0.37	0.00
A_51_P356705	NM_145516	226971	"Plekhb2; pleckstrin homology domain containing, family B (evectins) member 2"				-4.46	0.37	0.00
A_51_P195622	AK034836	67154	Mtdh; Metadherin				-4.00	0.37	0.00
A_51_P357114	NM_011765						-3.80	0.37	0.00
A_51_P209441	NM_025589	66483	Rpl36a; ribosomal protein L36a-like				-2.20	0.36	0.02
A_51_P479715	NM_012011	26908	"Eif2s3y; eukaryotic translation initiation factor 2, subunit 3, structural gene Y-linked"				-2.83	0.36	0.00
A_51_P309534	NM_019781	56273	Pex14; peroxisomal biogenesis factor 14				-3.29	0.36	0.00
A_51_P435348	AK078811	233806	8430420C20Rik; RIKEN cDNA 8430420C20 gene				-3.74	0.36	0.00
A_51_P460626	BG916975						-3.32	0.36	0.00
A_51_P180001	BC024857	239528	"Eif2c2; eukaryotic translation initiation factor 2C, 2"				-5.21	0.36	0.00
A_51_P499369	AK033404	234463	Tmem34; transmembrane protein 34				-3.50	0.36	0.00
A_51_P407371	AF020338						-5.25	0.35	0.00
A_51_P469188	BC024681	230595	LOC230595; hypothetical protein LOC230595				-2.61	0.35	0.00
A_51_P128945	NM_024277	78294	Rps27a; ribosomal protein S27a				-3.11	0.35	0.00
A_51_P264554	NM_019780	56433	Vps29; vacuolar protein sorting 29 (S. pombe)				-2.90	0.35	0.00

A_51_P354744	AK048099	226139	"Cox15; COX15 homolog, cytochrome c oxidase assembly protein (yeast)"				-3.16	0.35	0.00
A_51_P506683	AF391192	50754	"Fbxw7; F-box and WD-40 domain protein 7, archipelago homolog (Drosophila)"				-4.91	0.35	0.00
A_51_P371841							-4.06	0.35	0.00
A_51_P121861	BC002059						-4.29	0.35	0.00
A_51_P341871	AK032362	237898	Usp32; ubiquitin specific protease 32				-3.68	0.34	0.00
A_51_P256798	BB276916						-4.12	0.34	0.00
A_51_P414110	NM_011210	19264	"Ptpcr; protein tyrosine phosphatase, receptor type, C"				-4.77	0.34	0.00
A_51_P322542	AK017436	70508	Bbx; bobby sox homolog (Drosophila)				-2.90	0.34	0.00
A_51_P423456	AI852375	20661	Sort1; sortilin 1				-4.26	0.34	0.00
A_51_P330615	NM_146249						-3.74	0.34	0.00
A_51_P337125	NM_010566	16331	Inpp5d; inositol polyphosphate-5-phosphatase D				-3.45	0.34	0.00
A_51_P176054	AK047166	101490	Inpp5f; inositol polyphosphate-5-phosphatase F				-3.18	0.34	0.00
A_51_P440885	AI787603	99889	Arfip1; ADP-ribosylation factor interacting protein 1				-3.49	0.33	0.00
A_51_P125338	AK045991	218461	Pde8b; phosphodiesterase 8B				-4.85	0.33	0.00
A_51_P383032	NM_010819	17474	"Clecsf8; C-type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 8"				-3.21	0.33	0.00
A_51_P311125	NM_024250	72057	Phf10; PHD finger protein 10				-3.09	0.33	0.00
A_51_P377390	NM_010811	17423	Ndst2; N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2				-3.85	0.33	0.00
A_51_P177552	AK004522	66218	"Ndufb9; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9"				-3.31	0.32	0.00
A_51_P191611	NM_009804	12359	Cat; catalase				-6.08	0.32	0.00
A_51_P417236	AK049162	75612	Gns; glucosamine (N-acetyl)-6-sulfatase				-3.49	0.32	0.00
A_51_P451346	AV025472	23849	Copeb; core promoter element binding protein				-3.98	0.31	0.00

A_51_P285137	BC023075	235380	E130119P06Rik; RIKEN cDNA E130119P06 gene				-3.53	0.31	0.00
A_51_P111762	NM_011804	433375	Creg1; cellular repressor of E1A-stimulated genes 1				-5.77	0.31	0.00
A_51_P118765	AK083361	13627	Eef1a1; eukaryotic translation elongation factor 1 alpha 1				-2.61	0.30	0.00
A_51_P139490	BC026864	217615	Mgea6; meningioma expressed antigen 6 (coiled-coil proline-rich)				-2.89	0.30	0.00
A_51_P199505	AF357393						-3.84	0.29	0.00
A_51_P278305	AK078928	73124	Golph4; golgi phosphoprotein 4				-5.39	0.28	0.00
A_51_P298846	AK012465	72562	2700061N24Rik; RIKEN cDNA 2700061N24 gene				-3.94	0.27	0.00
A_51_P171936	AK041740	213438	A630033H20Rik; RIKEN cDNA A630033H20 gene				-3.66	0.26	0.00
A_51_P471057	AF357403	320808	Wdr22; WD repeat domain 22				-2.07	0.26	0.03
A_51_P141274	BC026624	69608	"Sec24d; SEC24 related gene family, member D (S. cerevisiae)"				-6.10	0.25	0.00
A_51_P161574	BC012522	66841	"Etf1; electron transferring flavoprotein, dehydrogenase"				-3.96	0.25	0.00
A_51_P302222	NM_026174	67464	Entpd4; ectonucleoside triphosphate diphosphohydrolase 4				-6.54	0.24	0.00
A_51_P481821	AK048051	76687	1810011E08Rik; RIKEN cDNA 1810011E08 gene				-3.54	0.24	0.00
A_51_P424338	NM_008706	18104	"Nqo1; NAD(P)H dehydrogenase, quinone 1"				-5.02	0.23	0.00
A_51_P511199	AK014294	57294	Rps27; ribosomal protein S27				-3.87	0.23	0.00
A_51_P347332	AK012530	319520	Dusp4; dual specificity phosphatase 4				-4.43	0.22	0.00
A_51_P448056	BC026425	76763	Mospd2; motile sperm domain containing 2				-6.06	0.22	0.00
A_51_P221730	U35310						-4.75	0.21	0.00
A_51_P336471	NM_013842	22433	Xbp1; X-box binding protein 1				-4.90	0.18	0.00
A_51_P352431	AK035494	347722	"Centg2; centaurin, gamma 2"				-5.64	0.15	0.00