

Upregulated protein coding genes_DeSeq2, FDR cutoff, 0.01 Fold difference, 2

Regulation	Ensembl ID	log2 Fold Change	Adj.Pval	Symbol	Type	RiboMutINPUT1	RiboMutINPUT2	RiboMutINPUT3	RiboMutINPUT4	RiboMutIP1	RiboMutIP2	RiboMutIP3	RiboMutIP4
Up	ENSMUSG000000031955	4.24	0.00E+00	Ecar1	protein_coding	8.18	8.15	8.40	8.20	12.42	12.39	12.50	12.50
Up	ENSMUSG000000007877	4.15	1.02E-32	Tcap	protein_coding	3.25	2.43	3.43	3.15	6.18	6.44	6.73	6.31
Up	ENSMUSG000000026452	4.02	9.72E-228	Sy2	protein_coding	7.84	7.59	7.50	7.32	11.68	11.63	11.70	11.70
Up	ENSMUSG000000037771	2.94	0.00E+00	Sic3a1	protein_coding	7.87	7.83	7.82	7.84	11.81	11.71	11.88	11.80
Up	ENSMUSG000000021680	3.91	1.14E-122	Chrbp	protein_coding	6.45	6.03	6.46	6.21	10.31	9.76	10.54	9.80
Up	ENSMUSG000000026890	3.86	0.00E+00	Lhx6	protein_coding	7.19	7.06	7.00	7.19	10.96	11.03	10.90	10.83
Up	ENSMUSG000000049659	3.80	0.00E+00	Aftph	protein_coding	9.38	9.34	9.39	9.34	13.03	13.17	13.22	13.18
Up	ENSMUSG000000070880	3.79	1.29E-93	Gad1	protein_coding	10.01	9.96	9.91	9.69	13.63	13.73	13.86	13.45
Up	ENSMUSG000000028971	3.77	1.13E-42	Cort	protein_coding	4.45	4.05	4.97	4.22	7.47	7.48	8.62	7.63
Up	ENSMUSG000000030785	3.72	2.03E-83	Cox6a2	protein_coding	4.57	4.20	5.04	4.85	8.15	7.80	8.53	8.19
Up	ENSMUSG000000060735	3.70	1.82E-108	Rxfp3	protein_coding	5.33	4.89	5.13	5.19	8.63	8.93	8.69	8.46
Up	ENSMUSG00000004366	3.69	1.28E-41	Sst	protein_coding	10.23	9.96	10.32	10.17	13.91	13.64	14.15	13.69
Up	ENSMUSG000000005716	3.68	2.95E-56	Pvalb	protein_coding	7.83	7.67	7.83	7.31	11.38	11.46	11.46	10.95
Up	ENSMUSG000000048776	3.64	3.34E-50	Pthlh	protein_coding	4.03	4.13	4.20	3.74	7.01	7.36	7.31	7.48
Up	ENSMUSG000000027859	3.62	4.02E-59	Ngf	protein_coding	4.51	4.37	4.17	4.60	7.92	8.05	7.55	7.50
Up	ENSMUSG000000020442	3.60	3.79E-249	Btbd11	protein_coding	7.19	7.18	7.14	6.79	10.69	10.76	10.66	10.45
Up	ENSMUSG000000061762	3.50	1.27E-98	Tac1	protein_coding	5.17	5.30	5.32	5.25	8.45	8.78	8.79	8.43
Up	ENSMUSG000000006218	3.49	1.24E-49	Fam131c	protein_coding	4.29	4.13	3.84	4.28	7.41	7.31	7.34	7.13
Up	ENSMUSG000000046178	3.47	4.10E-237	Nxph1	protein_coding	7.43	7.55	7.25	7.59	10.86	11.00	10.90	10.84
Up	ENSMUSG000000045246	3.46	1.78E-52	Kcng4	protein_coding	5.42	4.97	5.00	4.87	8.66	8.32	8.50	7.91
Up	ENSMUSG000000035946	3.45	1.13E-04	Gsx2	protein_coding	2.16	2.16	2.93	2.59	4.56	4.47	4.77	3.89
Up	ENSMUSG000000021214	3.44	1.56E-30	Akr1c18	protein_coding	4.45	4.20	3.63	4.22	7.44	7.24	7.25	7.06
Up	ENSMUSG000000003411	3.42	8.18E-82	Rab3b	protein_coding	7.92	7.78	8.08	7.86	11.29	11.23	11.59	11.10
Up	ENSMUSG000000074622	3.34	1.90E-153	Ma1b	protein_coding	6.89	6.59	6.42	6.76	9.99	9.86	10.15	9.85
Up	ENSMUSG000000035277	3.32	1.21E-131	Arx	protein_coding	7.12	6.79	6.75	6.89	10.33	10.15	10.11	10.08
Up	ENSMUSG000000021365	3.32	9.08E-157	Nedd9	protein_coding	6.51	6.34	6.84	6.48	9.84	9.74	9.81	9.87
Up	ENSMUSG000000045731	3.31	7.94E-42	Pnoc	protein_coding	4.82	5.41	5.57	5.37	8.44	8.35	8.84	8.26
Up	ENSMUSG000000024990	3.29	1.13E-58	Rbp4	protein_coding	5.21	5.44	4.68	5.30	8.21	8.71	8.11	8.14
Up	ENSMUSG000000028594	3.28	1.59E-32	Lrrc38	protein_coding	4.39	3.63	3.80	3.90	7.04	6.56	7.00	6.81
Up	ENSMUSG000000029419	3.26	0.00E+00	E2f4	protein_coding	9.26	9.20	9.30	9.25	12.52	12.57	12.37	12.37
Up	ENSMUSG000000026333	3.25	1.54E-25	Shh	protein_coding	3.81	3.11	3.65	3.50	6.84	6.53	6.40	6.20
Up	ENSMUSG000000031543	3.25	3.12E-199	Ank1	protein_coding	8.70	8.83	8.68	8.55	12.05	11.88	12.11	11.63
Up	ENSMUSG000000010066	3.18	4.40E-117	Cacna2d2	protein_coding	7.45	7.68	7.05	7.37	10.65	10.66	10.44	10.46
Up	ENSMUSG000000018470	3.17	3.29E-222	Kcnab3	protein_coding	7.28	7.09	7.22	6.87	10.35	10.27	10.31	10.06
Up	ENSMUSG000000069132	3.16	1.72E-24	Nxph2	protein_coding	4.22	3.83	4.09	4.15	6.69	6.69	6.29	7.35
Up	ENSMUSG000000068615	3.16	5.35E-66	Gjd2	protein_coding	4.91	4.77	5.00	5.31	7.82	7.92	8.30	7.95
Up	ENSMUSG000000031932	3.14	1.22E-87	Gpr83	protein_coding	6.48	6.03	6.52	6.21	9.17	9.34	9.16	8.93
Up	ENSMUSG000000050511	3.11	8.75E-136	Oprd1	protein_coding	6.51	5.99	6.27	6.24	9.26	9.43	9.40	9.13
Up	ENSMUSG000000026787	3.10	3.13E-203	Gad2	protein_coding	9.82	9.79	9.54	9.78	12.73	12.88	13.00	12.67
Up	ENSMUSG000000030098	3.06	4.28E-99	Grip2	protein_coding	6.08	6.01	6.14	6.29	8.96	9.27	9.29	8.93
Up	ENSMUSG000000020000	3.05	3.39E-77	Moxd1	protein_coding	5.42	5.04	5.44	5.67	8.35	8.28	8.14	8.14
Up	ENSMUSG000000034324	3.02	2.50E-43	Tmem132c	protein_coding	5.83	5.72	5.59	5.91	8.57	8.80	8.78	8.60
Up	ENSMUSG000000026819	3.01	3.10E-16	Npy	protein_coding	7.69	7.34	8.10	7.63	10.69	10.21	11.25	10.33
Up	ENSMUSG000000020814	2.99	9.51E-181	Mxra7	protein_coding	6.99	6.71	6.86	6.83	9.84	9.89	9.88	9.63
Up	ENSMUSG000000068220	2.99	1.05E-39	Lgals1	protein_coding	5.21	4.56	5.40	5.37	8.08	7.63	8.49	7.71
Up	ENSMUSG000000038319	2.98	1.50E-150	Kcnh2	protein_coding	6.92	6.89	6.96	6.92	9.98	9.86	10.05	9.76
Up	ENSMUSG000000062309	2.97	4.86E-70	Rpp25	protein_coding	5.60	5.80	5.63	5.66	8.53	8.61	8.61	8.38
Up	ENSMUSG000000023391	2.95	1.66E-25	Dlx2	protein_coding	4.84	5.17	4.49	5.34	7.74	7.87	7.81	7.81
Up	ENSMUSG000000030310	2.93	0.00E+00	Sic6a1	protein_coding	10.04	10.05	10.07	10.01	12.88	13.03	13.06	12.87
Up	ENSMUSG000000018126	2.89	2.07E-20	Baiap2l2	protein_coding	3.61	3.73	3.89	3.82	5.81	6.30	6.70	5.88
Up	ENSMUSG000000062694	2.89	2.50E-04	Cav3	protein_coding	2.65	3.26	2.00	3.21	4.56	4.89	5.40	4.27
Up	ENSMUSG000000050830	2.87	1.15E-63	Vwc2	protein_coding	5.81	5.59	5.75	5.42	8.41	8.33	8.67	8.13
Up	ENSMUSG000000033453	2.86	1.13E-78	Adamts15	protein_coding	5.08	4.93	5.31	5.35	7.89	7.72	8.12	7.84
Up	ENSMUSG000000001496	2.85	2.00E-26	Nix2-1	protein_coding	4.29	4.13	4.43	4.48	7.20	6.54	6.74	7.12
Up	ENSMUSG000000033278	2.85	3.27E-131	Ptprm	protein_coding	6.93	7.46	7.29	6.96	9.97	10.01	10.20	9.77
Up	ENSMUSG000000045034	2.82	3.35E-232	Ankrd34b	protein_coding	7.65	7.59	7.39	7.61	10.30	10.45	10.36	10.32
Up	ENSMUSG000000035681	2.82	0.00E+00	Kcnc2	protein_coding	9.43	9.30	9.34	9.35	12.11	12.26	12.17	12.10
Up	ENSMUSG000000021613	2.81	9.44E-130	Hapln1	protein_coding	7.43	7.44	7.62	7.81	10.16	10.46	10.45	10.40
Up	ENSMUSG000000020396	2.80	5.24E-123	Nefh	protein_coding	8.92	8.86	8.98	8.69	11.87	11.62	11.76	11.32
Up	ENSMUSG000000029754	2.79	1.72E-43	Dlx6	protein_coding	5.08	5.68	5.53	5.86	8.23	8.50	8.08	8.14
Up	ENSMUSG000000047344	2.77	4.74E-30	Land3	protein_coding	5.15	5.63	6.03	5.24	8.04	8.53	8.12	8.14
Up	ENSMUSG000000037653	2.77	9.59E-45	Kctd8	protein_coding	5.12	5.60	5.94	5.75	8.32	8.32	8.43	8.12
Up	ENSMUSG000000032020	2.76	1.18E-202	Ubash3b	protein_coding	7.89	7.72	7.96	7.82	10.67	10.52	10.72	10.43
Up	ENSMUSG000000068859	2.75	3.58E-21	Sp9	protein_coding	5.87	6.31	5.70	6.39	8.60	8.78	8.80	8.91
Up	ENSMUSG000000048988	2.75	2.03E-124	Elf1	protein_coding	8.08	7.79	7.71	7.85	10.73	10.50	10.63	10.46
Up	ENSMUSG000000053626	2.74	7.94E-43	Tll1	protein_coding	5.26	5.75	6.00	5.73	8.35	8.20	8.73	8.01
Up	ENSMUSG000000043673	2.73	2.43E-85	Kcnc3	protein_coding	6.34	6.33	6.73	6.19	9.21	9.00	9.18	8.93
Up	ENSMUSG000000029755	2.73	1.34E-27	Dlx5	protein_coding	4.87	5.63	5.04	5.58	7.84	8.29	7.65	7.80
Up	ENSMUSG000000031994	2.72	6.43E-38	Adamts8	protein_coding	5.50	5.12	5.17	5.22	7.27	8.07	7.88	8.04
Up	ENSMUSG000000039966	2.69	3.95E-33	Crt	protein_coding	6.86	4.56	6.73	6.78	9.79	6.78	6.84	6.88
Up	ENSMUSG000000098606	2.67	1.19E-38	Tptgl	protein_coding	5.19	5.21	5.57	5.42	7.68	7.78	8.15	7.98
Up	ENSMUSG000000031772	2.65	5.82E-124	Cntnap4	protein_coding	7.41	7.61	7.37	7.57	10.17	9.96	10.27	10.01
Up	ENSMUSG000000038370	2.63	2.91E-40	Pcp4l1	protein_coding	8.38	8.27	8.06	8.65	11.07	11.09	11.00	10.73
Up	ENSMUSG000000020810	2.62	2.59E-205	Cygb	protein_coding	8.31	8.34	8.21	8.28	10.98	10.92	10.89	10.79
Up	ENSMUSG000000011148	2.61	6.38E-80	Adssl1	protein_coding	6.13	5.67	5.92	6.16	8.50	8.54	8.55	8.49
Up	ENSMUSG000000038068	2.61	1.70E-156	Rnf144b	protein_coding	6.66	6.67	6.52	6.74	9.07	9.32	9.26	9.19
Up	ENSMUSG000000029875	2.61	8.41E-85	Ccdc184	protein_coding	6.81	6.75	6.22	6.27	9.21	9.21	9.02	8.90
Up	ENSMUSG000000037610	2.61	1.84E-21	Kcnmb2	protein_coding	5.42	5.53	5.60	5.59	8.21	8.21	8.27	7.97
Up	ENSMUSG000000038766	2.61	2.31E-143	Dner	protein_coding	8.72	8.65	8.62	8.82	11.21	11.36	11.45	11.16
Up	ENSMUSG000000005052	2.61	3.07E-274	Zfp385a	protein_coding	8.34	8.22	8.24	8.18	10.88	10.94	10.86	10.64
Up	ENSMUSG000000055471	2.60	1.50E-47	Alk	protein_coding	5.34	5.59	5.78	5.16	8.14	8.14	7.90	7.60
Up	ENSMUSG000000020610	2.60	5.20E-194	Esrng	protein_coding	7.37	7.32	7.47	7.64	9.90	10.17	10.02	10.02
Up	ENSMUSG000000019878	2.59	1.01E-113	Hsf2	protein_coding	7.16	7.20	7.21	7.46	9.79	9.82	9.79	9.82
Up	ENSMUSG000000027820	2.59	9.56E-47	Mme	protein_coding	6.25	6.52	6.59	6.28	8.70	8.62	8.67	8.59
Up	ENSMUSG000000028023	2.58	3.28E-12	Cdk15	protein_coding	4.32							

Up	ENSMUSG00000033063	2.55	1.25E-71	Cntnap3	protein_coding	5.79	5.82	5.48	5.99	8.06	8.37	8.13	8.60
Up	ENSMUSG00000053216	2.55	1.83E-20	Btn2a2	protein_coding	4.15	4.01	4.01	3.98	6.51	5.82	6.33	6.31
Up	ENSMUSG00000055435	2.55	2.76E-146	Maf	protein_coding	7.54	7.37	7.44	7.64	10.20	10.09	9.95	9.82
Up	ENSMUSG00000026765	2.54	9.61E-23	Lypd6b	protein_coding	5.44	5.41	5.55	5.75	7.90	7.89	8.30	7.76
Up	ENSMUSG00000032271	2.53	8.19E-08	Nnmt	protein_coding	2.94	2.95	2.74	3.15	4.82	4.76	4.45	4.68
Up	ENSMUSG00000046997	2.48	3.51E-32	Spsb4	protein_coding	4.62	4.84	4.43	4.91	7.08	6.67	7.14	7.05
Up	ENSMUSG00000032864	2.47	5.95E-33	Tpm2	protein_coding	5.06	4.93	4.79	4.96	7.46	7.36	7.19	6.92
Up	ENSMUSG00000020836	2.47	5.73E-31	Coro6	protein_coding	5.44	5.66	5.66	5.37	8.82	7.50	8.11	7.68
Up	ENSMUSG00000025207	2.46	3.77E-107	Sema4g	protein_coding	6.92	6.96	6.77	7.02	9.37	9.39	9.46	9.09
Up	ENSMUSG00000046546	2.46	2.20E-89	Fam43a	protein_coding	6.19	6.05	6.24	6.11	8.61	8.51	8.61	8.41
Up	ENSMUSG00000050711	2.44	2.25E-43	Scg2	protein_coding	9.24	9.19	9.40	8.99	11.62	11.35	12.04	11.45
Up	ENSMUSG00000021194	2.44	8.32E-171	Chga	protein_coding	9.30	9.39	9.20	9.12	11.74	11.62	11.86	11.51
Up	ENSMUSG00000017493	2.43	4.75E-138	Igf1bp4	protein_coding	8.92	8.53	8.91	8.69	11.36	11.17	11.07	11.15
Up	ENSMUSG00000096914	2.42	1.67E-105	Galnt16	protein_coding	7.80	7.96	7.87	7.64	10.06	10.34	10.34	10.14
Up	ENSMUSG00000050447	2.42	1.16E-92	Lypd6	protein_coding	7.24	7.20	7.37	7.62	9.67	9.73	9.88	9.72
Up	ENSMUSG00000002771	2.41	1.38E-131	Grin2d	protein_coding	7.38	7.13	7.14	7.03	9.51	9.72	9.53	9.40
Up	ENSMUSG00000008318	2.40	1.77E-37	Relt	protein_coding	5.57	5.28	5.91	5.20	7.70	8.03	7.61	7.85
Up	ENSMUSG00000029054	2.39	1.45E-46	Gabrd	protein_coding	5.94	6.06	6.56	5.88	8.47	8.42	8.75	8.13
Up	ENSMUSG00000039601	2.39	5.33E-222	Rcan2	protein_coding	10.17	10.18	10.01	9.92	12.52	12.39	12.60	12.33
Up	ENSMUSG00000079694	2.39	4.07E-07	Gm14862	protein_coding	3.38	3.03	4.17	3.50	5.22	5.81	5.39	5.58
Up	ENSMUSG00000039384	2.39	3.31E-55	Dusp10	protein_coding	5.82	5.93	5.59	5.38	8.14	8.10	8.02	7.66
Up	ENSMUSG00000025892	2.38	1.60E-221	Gria4	protein_coding	8.84	9.15	8.69	8.96	11.24	11.37	11.32	11.23
Up	ENSMUSG00000074607	2.38	1.30E-162	Tox2	protein_coding	7.76	7.70	7.55	7.67	10.06	10.07	10.08	9.98
Up	ENSMUSG00000030137	2.38	1.46E-45	Tuba8	protein_coding	5.97	5.98	6.05	5.70	8.21	8.31	8.36	8.00
Up	ENSMUSG00000044834	2.38	6.80E-211	Vstm2a	protein_coding	9.49	9.50	9.40	9.62	11.82	11.89	11.94	11.84
Up	ENSMUSG00000030790	2.37	8.10E-08	Adm	protein_coding	2.94	3.97	3.60	3.65	5.67	5.67	5.11	5.47
Up	ENSMUSG00000022935	2.37	1.37E-102	Grik1	protein_coding	6.88	6.93	7.02	7.11	9.08	9.38	9.38	9.41
Up	ENSMUSG00000029516	2.36	8.60E-178	Cit	protein_coding	9.75	9.71	9.62	9.58	12.12	12.06	12.04	11.86
Up	ENSMUSG00000031841	2.36	1.26E-150	Cdh13	protein_coding	7.95	7.83	7.88	8.14	10.23	10.49	10.26	10.20
Up	ENSMUSG00000026393	2.36	5.21E-130	Nek7	protein_coding	8.36	8.37	8.46	8.50	10.73	10.57	11.06	10.67
Up	ENSMUSG00000027834	2.35	2.07E-139	Serpini1	protein_coding	9.79	9.96	9.68	9.97	12.16	12.26	12.29	12.07
Up	ENSMUSG000000448616	2.35	1.69E-23	Nog	protein_coding	5.02	4.79	4.91	5.07	7.25	6.93	7.43	6.89
Up	ENSMUSG00000033615	2.34	4.45E-109	Cptx1	protein_coding	11.82	11.81	11.81	11.63	14.23	14.20	13.94	13.94
Up	ENSMUSG00000043822	2.34	2.78E-29	Adamts5	protein_coding	5.34	5.35	5.28	5.04	7.28	7.40	7.43	7.00
Up	ENSMUSG00000041911	2.34	9.14E-92	Dlx1	protein_coding	8.13	8.09	8.02	8.14	10.42	10.40	10.50	10.35
Up	ENSMUSG00000006270	2.33	2.66E-05	Vax1	protein_coding	3.25	2.66	3.25	2.94	4.59	3.80	4.75	4.17
Up	ENSMUSG00000039057	2.33	1.41E-58	Myo16	protein_coding	7.77	7.72	7.69	7.67	9.87	10.09	10.23	9.95
Up	ENSMUSG00000043648	2.32	2.62E-06	Pld6	protein_coding	2.43	2.66	3.01	3.01	4.68	4.68	3.67	4.08
Up	ENSMUSG00000040133	2.32	1.08E-84	Gpr176	protein_coding	6.92	6.38	6.67	6.66	8.95	8.97	8.98	8.88
Up	ENSMUSG00000027996	2.31	6.28E-09	Sfrp2	protein_coding	3.44	3.88	4.52	4.19	5.79	6.66	5.71	5.86
Up	ENSMUSG00000039252	2.30	3.45E-126	Lgi2	protein_coding	8.91	9.04	9.09	8.84	11.16	11.21	11.58	11.06
Up	ENSMUSG00000054204	2.30	2.92E-13	Alkal2	protein_coding	5.04	4.56	4.65	4.39	6.70	6.50	7.31	6.48
Up	ENSMUSG00000030337	2.30	5.77E-110	Vamp1	protein_coding	8.70	8.69	8.88	8.71	11.05	11.03	11.22	10.83
Up	ENSMUSG00000062252	2.27	2.97E-12	Lhfp15	protein_coding	4.11	3.52	3.93	4.09	5.66	6.44	5.67	5.46
Up	ENSMUSG00000043668	2.26	8.80E-43	Tox3	protein_coding	6.30	6.26	6.31	6.43	8.33	8.75	8.61	8.41
Up	ENSMUSG00000035891	2.26	1.29E-149	CerK	protein_coding	8.66	8.74	8.65	8.50	10.92	10.94	11.00	10.67
Up	ENSMUSG00000057890	2.25	2.18E-221	Abat	protein_coding	9.98	9.95	9.73	9.86	12.13	12.20	12.18	12.00
Up	ENSMUSG00000049866	2.25	1.05E-122	Arl4c	protein_coding	8.40	8.44	8.37	8.37	10.49	10.73	10.71	10.58
Up	ENSMUSG00000022558	2.23	1.04E-79	Mroh1	protein_coding	7.61	7.52	7.49	7.59	9.85	9.74	9.93	9.48
Up	ENSMUSG00000034993	2.22	3.50E-83	Vat1	protein_coding	6.61	6.66	6.38	6.83	8.76	8.75	8.98	8.72
Up	ENSMUSG00000034773	2.21	2.08E-03	BC030867	protein_coding	2.65	2.95	3.01	3.21	4.16	3.65	5.14	4.43
Up	ENSMUSG00000029769	2.21	1.59E-150	Ccdc136	protein_coding	9.13	9.16	9.17	9.06	11.41	11.18	11.51	11.23
Up	ENSMUSG00000020891	2.21	3.21E-17	Alox8	protein_coding	5.31	5.02	5.78	5.34	7.40	7.37	7.82	7.30
Up	ENSMUSG00000049985	2.21	3.08E-26	Ankrd55	protein_coding	4.84	5.52	5.42	5.42	7.45	7.23	7.10	7.22
Up	ENSMUSG00000043670	2.20	3.33E-155	Diras1	protein_coding	9.15	9.15	9.08	9.05	11.28	11.33	11.42	11.14
Up	ENSMUSG00000042761	2.20	1.48E-15	Mrap2	protein_coding	4.77	4.27	5.07	4.67	6.43	6.90	6.37	7.12
Up	ENSMUSG00000047959	2.19	2.66E-53	Kcna3	protein_coding	6.06	6.09	6.39	6.23	8.47	8.24	8.24	8.24
Up	ENSMUSG00000034570	2.18	2.61E-27	Inpp5j	protein_coding	7.65	7.73	7.94	7.52	9.92	10.03	9.76	9.78
Up	ENSMUSG00000034728	2.18	2.64E-105	Pf1c3d3	protein_coding	6.84	6.76	6.69	6.75	8.91	8.92	8.93	8.62
Up	ENSMUSG00000043456	2.18	4.20E-220	Zfp536	protein_coding	8.53	8.43	8.43	8.47	10.74	10.58	10.51	10.51
Up	ENSMUSG00000036817	2.18	2.43E-180	Eih4	protein_coding	9.96	10.14	10.12	10.00	12.18	12.25	12.28	12.22
Up	ENSMUSG00000049265	2.17	1.85E-80	Kcnk3	protein_coding	6.68	6.71	6.75	6.55	8.85	8.77	8.88	8.71
Up	ENSMUSG00000021647	2.17	2.75E-16	Carpt1	protein_coding	3.99	4.61	4.65	4.96	6.10	6.68	6.47	6.92
Up	ENSMUSG00000005447	2.17	5.25E-20	Pafah1b3	protein_coding	4.59	4.31	3.80	4.60	6.39	6.17	6.40	6.20
Up	ENSMUSG00000032033	2.17	4.14E-12	Barx2	protein_coding	4.07	4.17	3.75	3.86	5.82	5.58	5.63	6.17
Up	ENSMUSG00000028373	2.16	6.33E-119	Astn2	protein_coding	7.34	7.36	7.45	7.35	9.39	9.48	9.79	9.33
Up	ENSMUSG00000020019	2.15	1.90E-30	Ntn4	protein_coding	5.65	5.60	5.31	5.53	7.44	7.99	7.30	7.47
Up	ENSMUSG000000064179	2.15	2.20E-08	Tnnt1	protein_coding	5.58	4.44	4.30	4.12	6.65	6.47	7.07	6.56
Up	ENSMUSG00000029560	2.13	4.90E-32	Snx8	protein_coding	5.10	5.10	5.67	5.72	7.15	7.49	7.54	7.61
Up	ENSMUSG00000075270	2.12	1.03E-40	Pde11a	protein_coding	6.77	6.97	7.24	6.78	8.92	9.21	8.96	9.04
Up	ENSMUSG00000035407	2.12	7.31E-22	Kank4	protein_coding	5.60	5.38	4.93	5.00	7.40	6.95	7.29	7.32
Up	ENSMUSG00000034728	2.11	1.97E-45	Vgf	protein_coding	8.70	8.64	8.94	8.48	10.77	10.63	11.29	10.34
Up	ENSMUSG00000025044	2.11	3.81E-93	Slc3a3r2	protein_coding	6.82	6.83	6.74	6.79	8.97	8.90	8.87	8.82
Up	ENSMUSG00000029674	2.11	4.65E-138	Limk1	protein_coding	8.59	8.66	8.62	8.51	10.76	10.72	10.77	10.42
Up	ENSMUSG00000042589	2.11	8.19E-98	Cux2	protein_coding	8.22	8.39	8.24	8.42	10.30	10.52	10.53	10.28
Up	ENSMUSG00000031139	2.10	4.57E-29	Mcf2	protein_coding	5.23	4.79	5.45	5.41	7.26	7.33	7.37	6.90
Up	ENSMUSG00000021255	2.10	6.01E-09	Esrrb	protein_coding	4.77	3.83	3.75	4.53	6.40	6.21	6.47	6.18
Up	ENSMUSG00000059493	2.10	6.92E-24	Nhs	protein_coding	5.85	5.97	5.43	6.17	7.66	8.13	7.71	8.04
Up	ENSMUSG00000045613	2.08	3.12E-40	Chrm2	protein_coding	6.67	6.62	6.40	6.61	8.61	8.64	8.71	8.50
Up	ENSMUSG00000018339	2.08	1.09E-28	Gpx3	protein_coding	5.70	5.87	5.52	5.81	7.32	8.04	7.59	7.86
Up	ENSMUSG00000055430	2.08	9.44E-178	Nap115	protein_coding	10.91	10.89	10.83	11.02	13.04	12.96	12.97	13.01
Up	ENSMUSG00000029822	2.08	1.15E-86	Osbpl3	protein_coding	6.99	6.79	6.97	6.91	9.14	8.98	8.82	8.89
Up	ENSMUSG00000030607	2.08	3.47E-10	Acan	protein_coding	5.17	4.84	5.27	5.19	7.35	7.26	6.96	6.19
Up	ENSMUSG00000070287	2.08	7.75E-55	Slc35g2	protein_coding	6.10	5.96	6.02	5.88	7.96	8.02	8.11	7.88
Up	ENSMUSG000000064329	2.08	1.41E-152	Scn1a	protein_coding	9.64	9.51	9.70	9.44	11.62	11.61	11.79	11.57
Up	ENSMUSG00000054196	2.08	4.56E-19	Cthrc1	protein_coding	4.48	4.86	4.34	4.87	6.53	6.64	6.16	6.78
Up	ENSMUSG00000045932	2.07	7.30E-68	Ifi2	protein_coding								

Up	ENSMUSG00000030246	2.05	1.46E-113	Ldhd	protein_coding	10.28	10.14	10.14	10.02	12.15	12.29	12.27	12.04
Up	ENSMUSG00000038486	2.04	2.67E-150	Sv2a	protein_coding	10.62	10.52	10.55	10.35	12.56	12.47	12.74	12.40
Up	ENSMUSG00000029228	2.04	4.80E-88	Lnx1	protein_coding	6.87	7.02	7.11	7.25	8.89	9.14	9.22	9.05
Up	ENSMUSG00000063626	2.04	1.42E-63	Unc5d	protein_coding	7.81	8.10	7.98	8.46	9.92	10.25	10.20	10.15
Up	ENSMUSG00000010803	2.04	7.82E-134	Gabra1	protein_coding	10.85	10.93	10.84	10.83	12.93	12.86	13.06	12.73
Up	ENSMUSG00000039154	2.04	3.29E-25	Shd	protein_coding	6.43	6.40	6.77	6.27	8.20	8.57	8.70	8.54
Up	ENSMUSG00000016664	2.04	5.99E-78	Pacsl1	protein_coding	8.54	8.40	8.20	8.37	10.56	10.30	10.59	10.12
Up	ENSMUSG00000038172	2.02	8.61E-93	Tlc39b	protein_coding	8.39	8.47	8.16	8.31	10.24	10.37	10.60	10.14
Up	ENSMUSG00000037892	2.02	3.71E-22	Pcdh18	protein_coding	4.72	4.72	4.63	5.16	6.60	6.79	6.57	6.75
Up	ENSMUSG00000058897	2.02	2.34E-90	Col25a1	protein_coding	8.17	8.07	8.27	8.21	10.10	10.08	10.41	10.12
Up	ENSMUSG00000032625	2.01	2.24E-117	Thsd7a	protein_coding	8.77	8.59	8.57	8.65	10.60	10.60	10.77	10.62
Up	ENSMUSG00000030268	2.01	1.56E-251	Bcat1	protein_coding	9.15	9.13	8.92	9.04	11.06	11.05	11.07	11.06
Up	ENSMUSG00000022257	2.00	1.65E-99	Laptn4b	protein_coding	8.18	8.03	7.78	8.06	10.09	9.98	10.13	9.80
Up	ENSMUSG00000022353	2.00	4.60E-102	Mss1	protein_coding	8.10	8.06	8.13	8.16	10.13	10.02	10.13	10.11
Up	ENSMUSG00000038305	1.99	2.55E-88	Spats2l	protein_coding	6.70	7.16	7.25	7.17	9.11	9.01	9.11	8.94
Up	ENSMUSG00000026932	1.99	4.18E-153	Nacc2	protein_coding	9.26	9.27	9.16	9.24	11.13	11.22	11.36	11.11
Up	ENSMUSG00000037306	1.98	6.99E-105	Man1c1	protein_coding	7.43	7.42	7.27	7.48	9.33	9.51	9.39	9.20
Up	ENSMUSG00000041046	1.98	1.46E-13	Ramp3	protein_coding	4.42	4.09	4.47	4.25	5.79	5.71	6.18	6.32
Up	ENSMUSG00000028051	1.97	9.87E-33	Hcn3	protein_coding	5.85	6.42	5.80	6.10	7.78	8.23	7.87	7.94
Up	ENSMUSG00000059713	1.96	6.93E-85	Rcan3	protein_coding	7.55	7.69	7.41	7.93	9.55	9.59	9.58	9.68
Up	ENSMUSG00000028161	1.96	2.29E-40	Cgrrf1	protein_coding	6.23	6.62	6.69	7.04	8.60	8.57	8.58	8.62
Up	ENSMUSG00000004791	1.96	5.33E-11	Pgf	protein_coding	4.70	3.88	4.57	4.37	6.51	6.13	6.13	5.75
Up	ENSMUSG00000044646	1.96	2.55E-16	Zbtb7c	protein_coding	4.54	4.53	4.40	4.78	6.13	6.15	6.64	6.38
Up	ENSMUSG00000062300	1.95	2.18E-12	Nectin2	protein_coding	4.98	4.34	5.52	5.33	6.75	7.23	6.73	6.93
Up	ENSMUSG00000024063	1.94	1.51E-58	Lbh	protein_coding	7.94	8.01	7.94	7.76	9.96	9.85	9.98	9.53
Up	ENSMUSG00000036699	1.94	1.64E-27	Zcchc12	protein_coding	6.79	7.06	6.28	7.38	8.72	9.07	8.70	8.84
Up	ENSMUSG00000054162	1.94	4.87E-108	Spock3	protein_coding	8.74	8.85	8.87	9.00	10.80	10.75	10.79	10.85
Up	ENSMUSG00000029094	1.94	2.49E-129	Afap1	protein_coding	7.71	7.62	7.64	7.49	9.65	9.61	9.44	9.41
Up	ENSMUSG00000030170	1.94	7.39E-14	Wnt5b	protein_coding	4.57	4.82	4.27	4.19	6.22	6.31	6.12	6.18
Up	ENSMUSG00000053141	1.93	1.66E-286	Ptpr	protein_coding	9.95	9.99	10.02	10.07	11.90	11.90	12.03	11.92
Up	ENSMUSG00000024991	1.93	2.63E-32	Eif3a	protein_coding	10.49	10.38	10.51	10.43	12.48	12.31	12.39	12.33
Up	ENSMUSG00000053519	1.93	6.20E-31	Kcnip1	protein_coding	6.98	6.99	6.67	6.76	8.79	8.92	8.71	8.54
Up	ENSMUSG00000022465	1.96	6.93E-06	Tnfr5a	protein_coding	5.74	5.96	5.74	6.05	7.40	7.52	7.30	7.30
Up	ENSMUSG00000039910	1.92	3.24E-48	Ctse2	protein_coding	7.27	7.32	7.25	6.98	8.89	9.33	9.14	8.98
Up	ENSMUSG00000025141	1.92	8.37E-09	Myadml2	protein_coding	4.18	3.88	4.09	4.78	5.94	6.44	5.47	5.81
Up	ENSMUSG00000043388	1.91	1.47E-96	Tmem130	protein_coding	9.33	9.30	9.02	9.18	11.13	11.28	11.01	11.05
Up	ENSMUSG00000032946	1.91	1.12E-35	Rasgrp2	protein_coding	5.55	5.91	5.80	5.67	7.84	7.45	7.60	7.36
Up	ENSMUSG00000045314	1.91	5.56E-27	Sowahb	protein_coding	5.64	5.78	5.54	5.55	7.39	7.33	7.57	7.43
Up	ENSMUSG00000039954	1.91	3.30E-35	Stk32a	protein_coding	6.03	5.49	5.83	6.19	7.73	7.82	7.80	7.63
Up	ENSMUSG00000032714	1.91	1.08E-16	Syde1	protein_coding	5.92	5.46	5.65	5.57	7.59	6.98	7.86	7.36
Up	ENSMUSG00000015653	1.90	1.09E-26	Steap2	protein_coding	6.72	6.54	6.14	7.12	8.49	8.52	8.53	8.59
Up	ENSMUSG00000030043	1.90	1.27E-13	Tacr1	protein_coding	4.51	5.04	4.91	5.00	6.59	6.79	6.41	6.68
Up	ENSMUSG00000004637	1.90	1.47E-64	Wwox	protein_coding	6.86	7.05	6.94	6.93	8.89	8.63	8.96	8.75
Up	ENSMUSG00000026672	1.89	1.06E-64	Optn	protein_coding	7.07	7.03	7.14	7.27	8.92	8.67	9.27	8.89
Up	ENSMUSG00000020067	1.89	9.96E-14	Mypn	protein_coding	4.65	4.47	4.65	5.14	6.23	6.53	6.74	6.37
Up	ENSMUSG00000020205	1.89	4.74E-78	Phlda1	protein_coding	7.35	7.26	7.32	7.45	9.10	9.44	9.17	9.10
Up	ENSMUSG00000034161	1.89	4.25E-07	Sox	protein_coding	3.02	3.63	3.68	3.98	4.54	4.66	4.54	5.32
Up	ENSMUSG00000076441	1.88	1.11E-46	Ass1	protein_coding	6.34	6.41	6.49	6.74	8.25	8.17	8.62	8.29
Up	ENSMUSG00000048899	1.88	4.74E-35	Rimk1a	protein_coding	6.54	6.56	6.20	6.50	8.03	8.37	8.61	8.09
Up	ENSMUSG00000031824	1.87	1.89E-83	6430548M08Rik	protein_coding	10.23	10.09	10.18	9.95	11.96	12.06	12.11	11.78
Up	ENSMUSG00000047250	1.87	1.29E-29	Ptgs1	protein_coding	5.57	5.89	5.73	5.70	7.75	7.73	7.54	7.14
Up	ENSMUSG00000049946	1.87	3.14E-37	BC030500	protein_coding	6.63	6.67	6.61	6.47	8.25	8.45	8.55	8.43
Up	ENSMUSG00000025190	1.87	4.65E-134	Got1	protein_coding	9.83	9.80	9.73	9.76	11.67	11.72	11.77	11.39
Up	ENSMUSG00000032648	1.87	3.45E-17	Pygm	protein_coding	6.39	6.05	5.97	5.91	7.82	7.98	7.97	7.81
Up	ENSMUSG00000032172	1.87	9.97E-63	Olfm2	protein_coding	7.80	7.80	7.69	7.81	9.83	9.58	9.55	9.51
Up	ENSMUSG00000071531	1.87	2.11E-08	Gprin2	protein_coding	4.72	5.19	4.82	5.24	6.60	6.79	7.06	6.44
Up	ENSMUSG00000020099	1.86	1.30E-23	Unc5b	protein_coding	7.09	7.07	7.23	7.37	9.34	8.50	9.16	8.93
Up	ENSMUSG00000048138	1.86	9.36E-11	Dmrt2	protein_coding	4.89	4.58	4.27	4.31	6.47	6.26	5.81	6.20
Up	ENSMUSG00000027238	1.86	3.08E-84	Frmf5	protein_coding	7.80	7.99	7.85	7.95	9.62	9.90	9.71	9.71
Up	ENSMUSG00000035936	1.86	6.57E-146	Alth5a1	protein_coding	8.94	8.90	8.70	8.84	10.65	10.84	10.74	10.54
Up	ENSMUSG00000031364	1.86	2.60E-07	Gpr	protein_coding	4.11	4.01	4.30	4.02	5.77	5.69	5.66	5.70
Up	ENSMUSG00000041000	1.86	4.93E-42	Trim62	protein_coding	6.65	6.58	6.99	6.75	8.37	8.78	8.78	8.26
Up	ENSMUSG00000034312	1.85	6.15E-144	Iqsec1	protein_coding	11.07	11.05	11.04	10.89	12.91	12.84	13.02	12.66
Up	ENSMUSG00000020732	1.85	9.00E-05	Rab37	protein_coding	3.95	4.31	4.43	4.48	5.64	6.45	6.00	5.84
Up	ENSMUSG00000042485	1.85	2.57E-03	Mustn1	protein_coding	3.86	3.88	3.65	3.08	5.36	3.22	5.79	5.05
Up	ENSMUSG00000047507	1.84	6.16E-09	Baiap3	protein_coding	4.51	5.52	5.37	5.70	6.71	7.54	6.24	7.44
Up	ENSMUSG00000036862	1.84	3.16E-43	Dchs1	protein_coding	6.85	6.67	6.89	6.69	8.63	8.57	8.88	8.16
Up	ENSMUSG00000042129	1.84	1.48E-19	Rassf4	protein_coding	5.69	6.25	6.59	5.90	7.65	7.93	7.86	7.48
Up	ENSMUSG00000026335	1.84	5.91E-168	Pam	protein_coding	10.28	10.24	10.36	10.21	12.06	12.05	12.29	12.01
Up	ENSMUSG00000032763	1.83	3.43E-13	Ilvl1	protein_coding	5.41	5.00	5.68	5.82	7.14	7.25	7.52	7.06
Up	ENSMUSG00000019865	1.83	2.93E-09	Nmbr	protein_coding	4.67	5.02	3.89	4.28	5.97	6.49	6.09	5.97
Up	ENSMUSG00000054667	1.83	5.63E-03	Irs4	protein_coding	3.91	3.46	4.24	3.86	5.44	5.86	3.00	5.93
Up	ENSMUSG00000035226	1.83	4.55E-119	Rims4	protein_coding	8.89	8.94	8.85	8.68	10.94	10.75	10.52	10.52
Up	ENSMUSG00000037946	1.83	9.43E-28	Fxyd3	protein_coding	5.80	6.22	5.80	5.22	7.33	7.24	7.08	7.49
Up	ENSMUSG00000020258	1.83	1.07E-48	Unc119	protein_coding	6.63	6.52	6.59	6.38	8.31	8.21	8.09	8.24
Up	ENSMUSG00000074228	1.83	1.64E-45	Gm10645	protein_coding	5.78	5.46	5.63	5.64	7.31	7.48	7.36	7.31
Up	ENSMUSG00000039607	1.82	6.10E-89	Rbms3	protein_coding	7.87	8.02	7.95	7.96	9.79	9.73	9.96	9.58
Up	ENSMUSG00000020834	1.82	1.36E-10	Dhrs13	protein_coding	4.65	4.82	4.37	4.50	6.00	6.03	6.68	6.09
Up	ENSMUSG00000020098	1.82	2.41E-08	Pcbd1	protein_coding	4.22	4.95	4.46	4.39	5.67	6.61	6.15	5.75
Up	ENSMUSG00000054423	1.82	2.73E-151	Cadps	protein_coding	10.51	10.52	10.51	10.39	12.35	12.29	12.44	12.08
Up	ENSMUSG00000020324	1.81	1.33E-09	Rec8	protein_coding	3.86	4.24	4.20	4.51	5.72	5.71	5.61	5.85
Up	ENSMUSG00000007594	1.81	1.28E-34	Hapln4	protein_coding	8.53	8.43	8.51	8.09	10.05	10.25	10.42	10.01
Up	ENSMUSG00000016552	1.80	4.07E-31	Foxrd2	protein_coding	6.36	6.56	6.27	6.38	7.98	8.13	8.55	7.76
Up	ENSMUSG00000042514	1.80	2.32E-09	Klh14	protein_coding	4.51	4.50	3.80	4.09	5.63	5.61	5.85	6.12
Up	ENSMUSG00000023328	1.80	3.17E-68	Ache	protein_coding	7.39	7.46	7.36	7.38	9.11	9.10	9.31	9.18
Up	ENSMUSG00000036564	1.80	8.57E-133	Ndrq4	protein_coding	11.92	11.94	11.95	11.84	13.70	13.76	13.81	13.55
Up	ENSMUSG00000034295	1.80	6.69E-72	Fthsd3	protein_coding								

Up	ENSMUSG00000032908	1.78	1.46E-21	Sgpp2	protein_coding	6.12	6.28	5.83	5.83	7.94	7.88	7.61	7.50
Up	ENSMUSG00000019146	1.78	1.32E-80	Cacng2	protein_coding	9.08	9.18	9.23	9.22	10.97	10.96	11.12	10.73
Up	ENSMUSG00000027965	1.78	7.86E-74	Olfm3	protein_coding	7.04	7.25	6.99	7.37	8.94	9.03	8.87	8.85
Up	ENSMUSG00000020218	1.78	7.14E-03	Wif1	protein_coding	3.50	2.95	3.93	3.60	4.84	4.68	4.52	5.43
Up	ENSMUSG00000055026	1.78	5.11E-78	Gabrg3	protein_coding	7.83	7.95	7.73	7.97	9.50	9.89	9.59	9.59
Up	ENSMUSG00000034037	1.78	2.00E-13	Fgf5	protein_coding	5.15	5.26	4.93	5.45	6.37	7.27	6.39	7.22
Up	ENSMUSG00000023697	1.78	1.27E-04	Gna14	protein_coding	3.50	3.03	3.36	3.92	4.94	4.94	4.92	5.00
Up	ENSMUSG00000023084	1.77	2.20E-39	Lrrc71	protein_coding	6.95	6.67	6.64	6.63	8.39	8.59	8.60	8.26
Up	ENSMUSG00000067578	1.77	5.42E-17	Cbln4	protein_coding	5.96	6.59	5.94	6.23	7.82	7.69	8.18	7.95
Up	ENSMUSG00000030844	1.77	2.48E-37	Rgs10	protein_coding	7.51	7.56	7.66	9.40	9.14	9.58	9.22	9.22
Up	ENSMUSG00000038112	1.77	7.59E-13	AW551984	protein_coding	5.26	5.25	4.85	5.72	7.05	7.12	6.67	7.00
Up	ENSMUSG00000010553	1.77	1.06E-28	N4bp3	protein_coding	6.13	6.28	6.35	6.55	8.14	7.88	8.29	7.87
Up	ENSMUSG00000044864	1.77	5.23E-118	Ankrd50	protein_coding	8.52	8.39	8.41	8.38	10.24	10.27	10.27	9.95
Up	ENSMUSG00000032220	1.77	4.16E-52	Myo1e	protein_coding	6.49	6.54	6.59	6.35	8.35	8.12	8.32	8.06
Up	ENSMUSG00000031790	1.77	3.63E-24	Mmp15	protein_coding	6.18	6.09	5.91	6.56	8.21	7.76	7.90	7.76
Up	ENSMUSG00000058006	1.77	1.70E-63	Mdn1	protein_coding	9.14	9.32	9.35	9.48	11.09	11.09	10.80	11.32
Up	ENSMUSG00000020321	1.77	2.56E-83	Mdh1	protein_coding	10.74	10.76	10.78	10.76	12.48	12.57	12.63	12.41
Up	ENSMUSG00000009951	1.77	8.00E-11	6330409D20Rik	protein_coding	3.95	3.73	3.93	4.05	5.09	5.56	5.56	5.31
Up	ENSMUSG00000039943	1.76	1.49E-78	Plcb4	protein_coding	8.22	8.16	7.85	7.85	9.87	9.83	9.73	9.65
Up	ENSMUSG00000040710	1.76	3.12E-46	Sf6a4	protein_coding	6.89	7.17	7.33	7.27	8.71	8.17	8.73	8.98
Up	ENSMUSG00000048395	1.76	1.27E-58	Scrl1	protein_coding	9.65	9.45	9.50	9.24	11.24	11.24	11.24	10.93
Up	ENSMUSG00000036815	1.76	1.62E-57	Dpp10	protein_coding	8.55	8.72	8.48	9.02	10.20	10.61	10.48	10.52
Up	ENSMUSG00000032890	1.76	1.67E-145	Rims3	protein_coding	9.01	8.95	8.86	8.86	10.62	10.67	10.75	10.63
Up	ENSMUSG00000029167	1.75	3.48E-110	Ppargc1a	protein_coding	9.12	9.35	9.20	9.05	10.78	10.90	11.10	10.90
Up	ENSMUSG000000110086	1.75	6.84E-06	Gm45623	protein_coding	3.10	3.83	3.65	3.50	5.02	4.64	4.57	5.24
Up	ENSMUSG00000018659	1.75	1.01E-53	Pnpo	protein_coding	6.78	6.98	7.19	7.19	8.73	8.65	8.85	8.82
Up	ENSMUSG00000022537	1.75	2.71E-132	Tmem44	protein_coding	8.43	8.45	8.47	8.34	10.29	10.11	10.14	10.09
Up	ENSMUSG00000048281	1.75	4.82E-10	Dleu7	protein_coding	4.42	5.19	5.00	5.17	6.38	6.62	6.52	6.79
Up	ENSMUSG00000004085	1.75	1.17E-48	Map3k20	protein_coding	7.03	7.11	7.05	6.91	8.80	8.72	8.62	8.61
Up	ENSMUSG00000019820	1.74	6.15E-86	Utm	protein_coding	8.73	9.04	8.67	8.96	10.52	10.75	10.54	10.55
Up	ENSMUSG00000021730	1.74	1.02E-107	Hcn1	protein_coding	10.36	10.31	10.39	10.29	12.07	12.07	12.20	11.95
Up	ENSMUSG00000021200	1.74	4.49E-06	Asb2	protein_coding	4.39	3.78	4.40	4.02	5.75	5.89	5.58	5.41
Up	ENSMUSG00000024245	1.74	3.49E-116	Frm3d3	protein_coding	8.49	8.25	8.47	8.25	10.21	10.21	10.21	9.98
Up	ENSMUSG00000032312	1.74	5.34E-41	Csc1	protein_coding	7.22	7.31	6.85	6.93	9.06	8.76	9.02	8.61
Up	ENSMUSG00000062380	1.73	1.09E-105	Tubb3	protein_coding	9.42	9.40	9.38	9.52	11.09	11.16	11.29	11.09
Up	ENSMUSG00000055612	1.73	1.54E-09	Dcca7	protein_coding	4.93	4.13	4.27	4.60	5.83	6.40	5.95	6.01
Up	ENSMUSG00000041977	1.72	6.90E-108	Arhgef11	protein_coding	9.43	9.35	9.34	9.22	11.02	11.07	11.14	10.97
Up	ENSMUSG00000028780	1.72	1.30E-44	Sema3c	protein_coding	6.95	6.97	6.89	6.74	8.43	8.76	8.73	8.32
Up	ENSMUSG00000024940	1.72	2.81E-25	Ltbp3	protein_coding	6.85	6.41	6.54	6.80	8.01	8.53	8.40	8.36
Up	ENSMUSG00000037568	1.72	3.23E-09	Vash2	protein_coding	4.51	4.64	4.75	4.92	5.82	6.40	6.50	6.28
Up	ENSMUSG00000055214	1.71	1.84E-14	Pld5	protein_coding	5.23	5.63	5.63	5.62	6.53	7.26	7.04	7.61
Up	ENSMUSG00000027716	1.71	6.60E-37	Trpc3	protein_coding	5.78	5.72	5.70	6.11	7.57	7.81	7.30	7.61
Up	ENSMUSG00000059013	1.71	3.74E-28	Sh2d3c	protein_coding	6.47	6.48	6.47	6.22	7.99	8.09	8.15	8.05
Up	ENSMUSG00000028974	1.70	6.12E-76	Dffa	protein_coding	7.60	7.69	7.78	7.50	9.36	9.36	9.41	9.17
Up	ENSMUSG00000040265	1.70	7.33E-117	Dnm3	protein_coding	9.90	9.87	9.67	9.81	11.48	11.59	11.55	11.43
Up	ENSMUSG000000115293	1.70	1.50E-33	Gm49333	protein_coding	6.72	6.80	6.70	7.10	8.56	8.55	8.48	8.43
Up	ENSMUSG00000024241	1.69	4.45E-08	Npcx	protein_coding	4.64	4.64	4.64	4.15	5.78	5.88	5.78	5.50
Up	ENSMUSG00000039313	1.69	3.95E-22	Minar1	protein_coding	5.86	6.15	6.20	6.40	8.04	7.82	7.54	7.75
Up	ENSMUSG00000033707	1.69	5.08E-23	Lrrc24	protein_coding	6.31	5.97	6.17	5.83	7.61	7.79	7.93	7.47
Up	ENSMUSG00000024084	1.69	1.11E-12	Opc1	protein_coding	5.31	5.70	5.46	5.52	7.09	6.79	7.46	6.98
Up	ENSMUSG00000045875	1.69	2.27E-38	Adra1a	protein_coding	6.35	6.50	6.48	6.47	8.00	8.25	8.19	7.89
Up	ENSMUSG00000066036	1.69	2.61E-67	Ubr4	protein_coding	10.66	10.54	10.40	10.40	12.30	12.20	11.96	12.27
Up	ENSMUSG00000030361	1.69	7.28E-21	Resp18	protein_coding	6.85	7.42	7.05	7.52	9.00	8.86	9.06	8.62
Up	ENSMUSG00000027381	1.68	7.25E-26	Bcl2l11	protein_coding	5.64	5.50	5.64	5.64	7.49	7.24	7.08	6.96
Up	ENSMUSG00000022842	1.68	1.85E-32	Ece2	protein_coding	6.70	6.85	6.70	7.14	8.57	8.55	8.49	8.42
Up	ENSMUSG00000008489	1.68	1.56E-74	Elavl2	protein_coding	8.60	8.90	8.59	8.64	10.41	10.31	10.45	10.25
Up	ENSMUSG00000040907	1.68	1.38E-73	Alp1a3	protein_coding	13.14	12.92	12.96	12.80	14.75	14.56	14.78	14.44
Up	ENSMUSG00000002068	1.68	1.63E-23	Ccne1	protein_coding	5.80	5.77	5.61	5.83	7.63	7.20	7.26	7.31
Up	ENSMUSG00000004672	1.68	2.89E-03	Tmem53	protein_coding	3.99	3.68	3.23	3.78	4.82	4.99	5.17	5.11
Up	ENSMUSG00000040606	1.68	7.62E-148	Kazn	protein_coding	8.86	8.87	8.87	8.74	10.49	10.59	10.54	10.38
Up	ENSMUSG00000060240	1.68	2.41E-60	Cend1	protein_coding	10.14	10.12	10.17	10.07	11.73	11.84	11.93	11.69
Up	ENSMUSG00000025579	1.66	1.07E-82	Gaa	protein_coding	10.19	10.07	9.86	9.92	11.70	11.64	11.72	11.63
Up	ENSMUSG00000021253	1.66	1.13E-36	Tgfb3	protein_coding	6.65	6.48	6.44	6.25	8.29	7.91	8.09	7.99
Up	ENSMUSG00000026792	1.66	8.32E-32	Lrsam1	protein_coding	7.09	7.27	7.01	6.93	8.95	8.50	8.73	8.62
Up	ENSMUSG00000025268	1.66	3.42E-18	Maged2	protein_coding	6.75	6.61	6.74	6.86	8.35	8.15	8.58	8.36
Up	ENSMUSG00000053965	1.66	4.73E-52	Pde5a	protein_coding	7.17	7.38	7.17	7.16	8.94	8.62	8.97	8.80
Up	ENSMUSG00000047953	1.66	7.58E-05	Gp5	protein_coding	3.38	3.97	3.97	3.74	5.55	4.19	5.07	5.35
Up	ENSMUSG00000057967	1.65	3.59E-07	Fgf18	protein_coding	4.45	4.24	4.40	4.96	6.44	6.12	5.19	6.05
Up	ENSMUSG00000050063	1.65	1.31E-03	Klk6	protein_coding	2.94	3.68	3.97	3.15	4.44	4.85	4.50	5.08
Up	ENSMUSG00000041836	1.65	1.51E-97	Ptpre	protein_coding	8.78	8.90	8.76	8.63	10.49	10.42	10.49	10.24
Up	ENSMUSG00000029408	1.65	1.59E-37	Abcb9	protein_coding	6.94	6.71	6.85	6.98	8.59	8.67	8.40	8.25
Up	ENSMUSG00000020363	1.65	6.81E-14	Gfp2	protein_coding	5.19	5.44	5.94	5.53	6.95	7.06	7.26	7.17
Up	ENSMUSG00000024225	1.65	7.17E-22	Imp2	protein_coding	5.79	5.84	5.45	5.22	7.20	7.16	7.33	6.93
Up	ENSMUSG00000024044	1.64	1.53E-103	Epb41f3	protein_coding	10.10	9.92	9.92	9.93	11.77	11.77	11.69	11.49
Up	ENSMUSG00000045094	1.64	8.56E-09	Arhgef37	protein_coding	5.00	5.08	4.65	4.53	6.50	6.08	6.53	6.12
Up	ENSMUSG00000085894	1.64	1.12E-04	Rt9	protein_coding	2.94	4.20	4.46	4.12	5.89	5.24	4.95	5.40
Up	ENSMUSG00000074001	1.63	8.00E-11	Klh40	protein_coding	4.82	4.72	4.52	5.05	6.15	6.35	6.40	6.20
Up	ENSMUSG00000038777	1.63	2.98E-19	Sema6c	protein_coding	6.50	6.73	6.28	6.10	7.90	7.96	8.11	8.05
Up	ENSMUSG00000036298	1.63	4.67E-82	Slc2a13	protein_coding	9.43	9.54	9.41	9.40	10.97	11.18	11.15	10.98
Up	ENSMUSG00000030089	1.63	1.58E-06	Slc41a3	protein_coding	4.03	3.78	4.57	3.82	5.71	4.97	5.30	5.76
Up	ENSMUSG00000024427	1.63	1.81E-27	Spry4	protein_coding	6.96	7.40	7.12	6.59	8.85	8.55	8.66	8.49
Up	ENSMUSG00000023169	1.62	3.69E-113	Slc38a1	protein_coding	10.22	10.13	10.11	10.04	11.76	11.69	11.91	11.61
Up	ENSMUSG00000021913	1.62	1.50E-53	Ogdh	protein_coding	8.59	8.41	8.31	8.08	9.93	10.05	10.11	9.76
Up	ENSMUSG00000032788	1.62	9.05E-89	Pdxk	protein_coding	9.57	9.59	9.52	9.36	11.14	11.20	11.19	10.97
Up	ENSMUSG00000078963	1.62	1.26E-03	Hsbp111	protein_coding	3.50	3.33	2.74	3.65	4.94	4.37	4.65	3.95
Up	ENSMUSG00000047281	1.62	1.26E-03	Sfn	protein_coding	3.86	3.92	3.84	3.39	5.20	3.43	5.66	5.17
Up	ENSMUSG00000032600	1.61	3.46E-127	Lanc11									

Up	ENSMUSG00000037349	1.60	1.79E-05	Nudt22	protein_coding	3.91	3.83	4.09	3.50	5.58	4.68	5.45	4.63
Up	ENSMUSG00000039485	1.60	1.60E-171	Tsply4	protein_coding	11.02	10.88	10.90	10.88	12.48	12.61	12.55	12.44
Up	ENSMUSG00000023905	1.60	9.74E-06	Tnfrsf12a	protein_coding	4.39	3.78	3.70	4.15	4.63	5.74	5.73	5.11
Up	ENSMUSG00000056656	1.60	2.61E-10	Apol8	protein_coding	4.98	4.69	4.63	5.11	6.33	6.56	6.11	6.26
Up	ENSMUSG00000029507	1.60	7.03E-20	Pus1	protein_coding	6.24	6.36	6.15	6.19	7.80	7.81	7.83	7.69
Up	ENSMUSG00000041351	1.60	2.25E-67	Rap1gap	protein_coding	9.57	9.42	9.37	9.09	10.96	11.03	11.05	10.78
Up	ENSMUSG00000042817	1.59	6.05E-30	Flt3	protein_coding	5.54	6.05	5.94	5.81	7.45	7.34	7.47	7.21
Up	ENSMUSG00000065776	1.59	1.75E-67	Slc4a3	protein_coding	9.00	9.00	8.86	8.90	10.64	10.58	10.48	10.38
Up	ENSMUSG00000022523	1.59	5.95E-75	Fgf12	protein_coding	9.77	9.98	9.70	10.01	11.41	11.51	11.52	11.40
Up	ENSMUSG00000024219	1.59	9.00E-80	Anks1	protein_coding	7.37	7.44	7.41	7.28	8.86	9.04	8.96	8.90
Up	ENSMUSG00000032590	1.58	3.48E-13	Apeh	protein_coding	5.80	5.28	5.74	5.63	6.62	7.42	7.20	7.17
Up	ENSMUSG00000037188	1.58	7.68E-06	Grih3	protein_coding	4.29	3.88	3.70	4.31	4.84	5.18	5.78	5.62
Up	ENSMUSG00000061046	1.58	9.44E-52	Haghl	protein_coding	7.42	7.62	7.76	7.49	9.04	9.15	9.33	8.99
Up	ENSMUSG00000039046	1.57	1.05E-08	Usp6nl	protein_coding	4.26	3.73	3.97	4.60	5.76	5.52	5.39	5.42
Up	ENSMUSG00000024887	1.57	2.58E-33	Asah2	protein_coding	6.57	6.99	6.92	6.96	8.53	8.26	8.48	8.35
Up	ENSMUSG00000009292	1.57	7.39E-33	Trpm2	protein_coding	7.40	7.67	7.21	7.41	8.98	9.03	8.95	8.94
Up	ENSMUSG00000075405	1.57	2.48E-03	9430097D07Rik	protein_coding	2.85	3.11	2.64	3.27	4.31	3.80	3.35	4.25
Up	ENSMUSG00000033083	1.57	2.38E-23	Tbct1d4	protein_coding	6.16	5.76	5.81	5.85	7.40	7.64	7.49	7.03
Up	ENSMUSG00000034997	1.57	3.62E-21	Hlr2a	protein_coding	7.01	6.92	6.73	6.65	8.30	8.63	8.20	8.29
Up	ENSMUSG00000067399	1.56	3.95E-24	Ttrml3	protein_coding	6.00	6.40	6.04	6.20	7.57	7.61	8.02	7.88
Up	ENSMUSG00000041741	1.56	2.63E-16	Pde3a	protein_coding	6.46	6.28	6.30	6.05	7.86	7.71	7.86	7.54
Up	ENSMUSG00000029168	1.56	7.03E-42	Dpysl5	protein_coding	6.98	7.05	7.13	7.09	8.40	8.69	8.81	8.47
Up	ENSMUSG00000040811	1.56	1.19E-52	Emi2	protein_coding	8.92	8.90	9.21	9.05	10.55	10.42	10.74	10.57
Up	ENSMUSG00000073705	1.56	7.11E-04	Cenps	protein_coding	3.50	4.09	4.24	3.94	5.86	5.39	4.38	5.02
Up	ENSMUSG00000033910	1.56	4.94E-63	Gucy1a1	protein_coding	7.56	7.84	7.41	7.91	9.10	9.31	9.25	9.27
Up	ENSMUSG00000002105	1.56	2.19E-32	Slc39a13	protein_coding	6.82	6.61	6.77	6.73	8.04	8.49	8.22	8.23
Up	ENSMUSG00000026141	1.55	1.11E-27	Col19a1	protein_coding	6.53	6.52	6.65	6.52	8.07	7.63	8.31	8.19
Up	ENSMUSG00000044375	1.55	7.79E-03	Pcare	protein_coding	3.38	2.95	3.54	3.82	3.45	4.99	4.97	4.59
Up	ENSMUSG00000036902	1.55	2.63E-176	Neto2	protein_coding	9.12	9.06	8.93	9.09	10.66	10.58	10.57	10.55
Up	ENSMUSG00000002812	1.55	3.52E-24	Flii	protein_coding	7.94	7.50	7.61	7.32	9.24	8.93	9.26	9.10
Up	ENSMUSG00000034310	1.55	5.96E-43	Tmem132d	protein_coding	7.43	7.84	7.47	7.55	9.23	8.98	9.29	8.90
Up	ENSMUSG00000030689	1.55	1.45E-05	Calca	protein_coding	3.77	3.97	3.60	3.86	5.20	5.07	5.10	4.81
Up	ENSMUSG00000064254	1.55	3.95E-47	Npp13	protein_coding	7.64	7.97	7.88	7.77	9.57	9.51	9.36	9.19
Up	ENSMUSG00000074231	1.55	2.59E-18	Gn10642	protein_coding	6.02	6.10	6.29	5.88	7.84	7.39	7.28	7.11
Up	ENSMUSG00000020090	1.54	3.41E-06	Npff1	protein_coding	5.31	5.06	5.02	4.74	5.80	6.73	6.73	6.42
Up	ENSMUSG00000024376	1.54	2.93E-10	Epb414a	protein_coding	5.68	6.00	5.94	5.94	7.59	7.04	7.54	7.26
Up	ENSMUSG00000043843	1.54	1.82E-20	Tmem145	protein_coding	5.91	5.68	5.98	6.28	7.39	7.28	7.55	7.62
Up	ENSMUSG00000031133	1.54	3.08E-17	Arhgef6	protein_coding	7.17	6.78	6.98	6.94	8.42	8.53	8.69	8.28
Up	ENSMUSG00000042035	1.54	8.32E-23	Igsf3	protein_coding	6.47	6.79	6.94	6.77	8.01	8.35	8.46	8.18
Up	ENSMUSG00000037747	1.54	8.31E-109	Phyhlpl	protein_coding	10.01	10.07	10.02	10.19	11.71	11.56	11.61	11.51
Up	ENSMUSG00000020061	1.54	7.89E-09	Mybpc1	protein_coding	5.10	5.95	5.69	5.17	6.99	6.71	7.54	6.40
Up	ENSMUSG00000031529	1.54	9.16E-55	Tnks	protein_coding	9.69	9.62	9.59	9.57	11.34	11.34	11.10	11.04
Up	ENSMUSG00000034813	1.54	4.84E-63	Grip1	protein_coding	7.78	7.62	7.64	7.58	9.15	9.26	9.22	9.05
Up	ENSMUSG00000026475	1.53	1.47E-07	Rgs16	protein_coding	5.45	5.21	5.35	5.22	7.22	6.47	6.82	6.32
Up	ENSMUSG00000047606	1.53	8.00E-27	Ankrd34c	protein_coding	5.73	5.41	5.49	5.86	7.14	7.01	7.11	7.10
Up	ENSMUSG00000064254	1.53	4.57E-16	Ethe1	protein_coding	5.68	5.55	5.60	5.44	6.80	7.27	7.19	6.72
Up	ENSMUSG00000031996	1.52	1.52E-124	Ajap2	protein_coding	10.91	10.83	10.85	10.71	12.30	12.45	12.23	12.11
Up	ENSMUSG00000039512	1.52	2.55E-38	Uhrf1bp1	protein_coding	7.02	6.99	6.78	6.99	8.23	8.72	8.46	8.30
Up	ENSMUSG00000045777	1.52	7.51E-39	Ifitm10	protein_coding	6.85	6.83	6.85	6.49	8.16	8.22	8.16	8.16
Up	ENSMUSG00000037419	1.52	1.50E-54	Endod1	protein_coding	9.66	9.54	9.40	9.47	11.18	10.93	11.16	10.86
Up	ENSMUSG00000019885	1.52	9.12E-94	Grik3	protein_coding	8.89	9.09	8.79	8.85	10.47	10.39	10.41	10.42
Up	ENSMUSG0000001270	1.52	3.08E-59	Ckb	protein_coding	11.05	10.92	11.00	10.77	12.51	12.38	12.57	12.36
Up	ENSMUSG00000032259	1.51	3.31E-16	Drd2	protein_coding	4.59	4.31	4.43	4.78	6.17	5.77	5.98	5.58
Up	ENSMUSG00000062373	1.51	1.79E-71	Tmem65	protein_coding	8.70	8.71	8.71	8.89	10.12	10.43	10.29	10.18
Up	ENSMUSG00000029608	1.51	4.17E-77	Rph3a	protein_coding	10.95	10.85	10.97	12.45	12.37	12.45	12.40	12.27
Up	ENSMUSG00000039103	1.51	8.99E-09	Nexn	protein_coding	5.36	4.72	4.30	4.87	6.37	5.60	6.74	5.99
Up	ENSMUSG00000029777	1.51	4.26E-88	Gars	protein_coding	9.26	9.05	9.04	9.11	10.53	10.69	10.78	10.46
Up	ENSMUSG00000039257	1.51	4.06E-69	Vstm2b	protein_coding	8.04	7.90	7.95	8.00	9.46	9.66	9.41	9.31
Up	ENSMUSG00000010297	1.51	5.51E-57	Podrac2	protein_coding	9.61	9.44	9.27	9.41	10.91	11.08	10.96	10.77
Up	ENSMUSG00000030357	1.50	3.32E-42	Fkbp4	protein_coding	8.89	8.55	8.80	8.62	10.51	10.07	10.23	9.98
Up	ENSMUSG00000039481	1.50	4.32E-05	Nrn1	protein_coding	5.03	3.57	3.43	3.65	4.84	5.17	5.22	3.85
Up	ENSMUSG00000028977	1.50	4.42E-19	Cas21	protein_coding	4.39	5.95	5.75	5.71	7.12	7.32	6.73	7.30
Up	ENSMUSG00000027313	1.50	1.46E-08	Chac1	protein_coding	4.45	4.79	4.17	4.34	6.08	5.58	5.80	5.56
Up	ENSMUSG00000021708	1.49	5.01E-75	Rasgrf2	protein_coding	9.13	9.20	9.07	9.11	10.59	10.66	10.67	10.55
Up	ENSMUSG00000058297	1.49	1.67E-115	Spock2	protein_coding	11.87	11.81	11.82	11.77	13.37	13.32	13.40	13.15
Up	ENSMUSG000000110358	1.49	5.80E-03	A730009L09Rik	protein_coding	3.38	3.19	3.49	3.94	4.80	4.85	4.27	4.61
Up	ENSMUSG00000060594	1.49	6.41E-13	Layn	protein_coding	5.19	5.10	5.46	4.85	6.45	6.69	6.63	6.36
Up	ENSMUSG00000096014	1.49	1.16E-25	Sox1	protein_coding	7.09	7.30	7.33	7.42	8.53	8.85	8.85	8.74
Up	ENSMUSG00000032679	1.48	6.65E-10	Cd59a	protein_coding	6.47	5.92	5.72	6.77	7.66	7.61	7.96	7.60
Up	ENSMUSG00000036622	1.48	1.10E-54	Atp13a2	protein_coding	9.19	9.04	9.15	9.09	10.65	10.54	10.70	10.45
Up	ENSMUSG00000075592	1.48	5.86E-13	Nynrin	protein_coding	6.11	5.96	5.68	5.77	7.59	7.58	7.29	7.21
Up	ENSMUSG00000036782	1.48	2.10E-20	Klhl13	protein_coding	6.77	6.84	6.57	7.03	8.05	8.42	8.13	8.37
Up	ENSMUSG00000039203	1.47	7.79E-10	Ilfra2	protein_coding	4.62	5.56	5.42	5.73	7.34	6.53	6.71	6.48
Up	ENSMUSG00000031636	1.47	4.73E-06	Ildim3	protein_coding	4.15	4.31	4.31	4.39	5.72	5.05	5.27	5.86
Up	ENSMUSG00000050910	1.47	2.23E-47	Cdr2l	protein_coding	7.93	7.60	7.66	7.66	9.26	9.08	9.28	9.06
Up	ENSMUSG00000005583	1.47	1.70E-60	Mef2c	protein_coding	10.14	10.41	10.03	10.34	11.72	11.76	11.70	11.64
Up	ENSMUSG00000024053	1.47	1.03E-07	Emilin2	protein_coding	5.45	5.06	4.89	4.96	6.79	6.74	6.92	6.22
Up	ENSMUSG00000036634	1.46	2.86E-11	Mag	protein_coding	8.53	8.43	8.63	8.40	10.37	9.12	9.96	10.09
Up	ENSMUSG00000039838	1.46	4.21E-39	Slc45a1	protein_coding	7.96	7.77	8.10	7.80	9.23	9.43	9.59	9.13
Up	ENSMUSG00000020919	1.46	2.90E-31	Stat5b	protein_coding	7.09	6.82	6.82	7.14	8.41	8.19	8.68	8.31
Up	ENSMUSG00000032101	1.46	2.51E-30	Ddx25	protein_coding	8.29	8.38	8.38	8.28	9.89	9.89	9.88	9.80
Up	ENSMUSG00000020232	1.46	1.18E-36	Tmem25	protein_coding	7.18	7.16	7.09	6.77	8.33	8.57	8.64	8.39
Up	ENSMUSG00000026312	1.46	3.01E-23	Cdh7	protein_coding	6.29	6.59	7.91	6.79	7.97	8.39	7.78	7.75
Up	ENSMUSG00000002984	1.45	5.26E-69	Tormm40	protein_coding	8.11	7.95	8.02	7.89	9.41	9.45	9.57	9.29
Up	ENSMUSG00000036611	1.45	7.63E-13	Eepd1	protein_coding	5.88	6.08	5.92	6.19	7.43	7.45	7.61	7.19
Up	ENSMUSG00000027293	1.45	5.13E-12	Ehd4	protein_coding	5.69	5.74	5.26	5.77	6.88	6.75	7.51	6.72
Up	ENSMUSG00000038077	1.45	7.40E-68	Kcna6b	protein_coding								

Up	ENSMUSG00000072966	1.44	1.50E-54	Gprasp2	protein_coding	8.50	8.54	8.25	8.33	9.92	9.82	9.99	9.61
Up	ENSMUSG00000025651	1.44	3.40E-58	Uqorc1	protein_coding	9.36	9.32	9.45	9.36	10.86	10.76	10.93	10.66
Up	ENSMUSG00000020262	1.44	1.87E-68	Adarb1	protein_coding	10.56	10.44	10.42	10.27	11.92	11.99	11.90	11.63
Up	ENSMUSG00000028937	1.44	1.27E-92	Aco7	protein_coding	9.89	9.76	9.72	9.71	11.19	11.30	11.27	11.05
Up	ENSMUSG00000009621	1.44	3.08E-18	Vav2	protein_coding	6.48	6.42	6.29	6.53	8.03	7.95	7.71	7.57
Up	ENSMUSG000000051343	1.44	2.24E-62	Rab11fip5	protein_coding	8.88	8.89	8.92	8.71	10.32	10.35	10.31	10.13
Up	ENSMUSG000000234891	1.44	6.44E-45	Sncb	protein_coding	11.32	11.23	11.33	11.48	11.28	12.85	12.74	12.85
Up	ENSMUSG00000025192	1.44	1.12E-52	Entpd7	protein_coding	7.21	7.19	7.30	7.18	8.75	8.59	8.77	8.40
Up	ENSMUSG00000018707	1.44	6.20E-46	Dync1h1	protein_coding	11.09	10.83	10.82	10.87	12.42	12.21	12.22	12.22
Up	ENSMUSG00000021235	1.43	1.37E-18	Coq6	protein_coding	5.26	5.02	5.19	5.19	6.31	6.69	6.62	6.50
Up	ENSMUSG00000015745	1.43	1.43E-35	Plekho1	protein_coding	7.53	7.51	7.48	7.10	8.97	8.86	8.89	8.55
Up	ENSMUSG00000029036	1.43	8.48E-45	Atad3a	protein_coding	6.97	6.79	7.03	6.84	8.22	8.29	8.50	8.23
Up	ENSMUSG00000034226	1.43	9.05E-14	Rhov	protein_coding	5.38	5.41	5.45	4.87	6.70	6.66	6.57	6.57
Up	ENSMUSG00000000766	1.43	1.00E-17	Oprm1	protein_coding	6.15	5.83	6.07	6.57	7.69	7.77	7.28	7.45
Up	ENSMUSG00000108011	1.43	8.56E-09	Gm44596	protein_coding	5.23	5.46	5.29	5.37	6.70	6.66	6.83	6.47
Up	ENSMUSG00000032554	1.42	7.36E-38	Trf	protein_coding	10.02	9.77	9.86	9.84	11.59	10.95	11.13	11.44
Up	ENSMUSG00000041263	1.42	3.01E-53	Rusc1	protein_coding	8.67	8.54	8.53	8.34	9.80	9.99	10.11	9.84
Up	ENSMUSG00000022442	1.42	1.39E-50	Tll1	protein_coding	7.61	7.74	7.74	7.74	9.13	9.19	9.06	9.05
Up	ENSMUSG00000042724	1.42	1.14E-85	Map3k9	protein_coding	8.48	8.47	8.33	8.34	9.76	9.74	9.97	9.78
Up	ENSMUSG00000033065	1.42	2.72E-83	Pikm	protein_coding	10.04	9.99	9.92	9.79	11.39	11.35	11.39	11.28
Up	ENSMUSG000000116198	1.42	6.18E-17	C030006K11Rik	protein_coding	5.80	5.44	5.67	5.81	6.92	7.30	7.09	6.77
Up	ENSMUSG00000007653	1.42	1.33E-98	Gabbr2	protein_coding	9.93	9.87	9.77	9.90	11.20	11.36	11.39	11.15
Up	ENSMUSG000000062785	1.42	1.64E-56	Kcnc3	protein_coding	10.02	10.01	10.15	9.89	11.53	11.55	11.47	11.15
Up	ENSMUSG00000045664	1.41	1.93E-09	Cdc42ep2	protein_coding	4.82	5.21	4.68	5.58	6.49	6.13	6.44	6.61
Up	ENSMUSG00000033526	1.41	3.03E-79	Ppip5k1	protein_coding	9.42	9.26	9.33	9.16	10.65	10.82	10.74	10.59
Up	ENSMUSG00000042671	1.41	7.21E-55	Rgs8	protein_coding	9.39	9.25	9.39	9.12	10.70	10.70	10.92	10.43
Up	ENSMUSG00000026576	1.41	5.99E-78	Alp1b1	protein_coding	13.03	12.99	13.00	12.91	14.43	14.39	14.51	14.23
Up	ENSMUSG00000042734	1.41	3.85E-68	Tlc9	protein_coding	8.98	9.07	8.93	9.06	10.33	10.45	10.56	10.30
Up	ENSMUSG00000033249	1.41	1.99E-12	Hsf4	protein_coding	6.13	5.59	5.67	5.88	7.08	7.20	7.12	7.29
Up	ENSMUSG00000028555	1.41	1.90E-10	Ttc39a	protein_coding	5.08	4.84	4.24	4.45	5.62	6.23	6.00	5.86
Up	ENSMUSG000000057615	1.41	2.17E-03	Ldoc1	protein_coding	3.38	3.33	3.30	3.27	4.19	4.27	4.67	4.46
Up	ENSMUSG000000039419	1.41	2.48E-66	Ctnnap2	protein_coding	9.14	8.85	8.92	9.09	10.32	10.35	10.53	10.41
Up	ENSMUSG00000005148	1.40	2.21E-21	Klf5	protein_coding	6.46	7.16	6.78	7.21	8.36	8.26	8.11	8.21
Up	ENSMUSG00000010080	1.40	3.96E-06	Epr3	protein_coding	5.21	4.67	4.67	4.69	6.13	6.07	6.36	6.07
Up	ENSMUSG00000026688	1.40	1.41E-40	Mgs13	protein_coding	7.23	6.93	7.15	7.06	8.38	8.49	8.72	8.26
Up	ENSMUSG00000015112	1.40	2.08E-05	Slc25a13	protein_coding	4.18	4.09	5.05	4.22	5.47	5.42	6.14	5.15
Up	ENSMUSG000000051910	1.40	1.20E-75	Sox6	protein_coding	7.85	7.86	7.75	7.86	9.19	9.22	9.16	9.27
Up	ENSMUSG00000006641	1.40	8.73E-21	Slc5a6	protein_coding	6.51	6.32	6.39	6.69	7.81	7.87	7.87	7.82
Up	ENSMUSG00000039579	1.40	1.96E-33	Grin3a	protein_coding	8.18	8.52	8.24	8.74	9.78	10.07	9.63	9.79
Up	ENSMUSG00000026179	1.40	1.14E-73	Pnkd	protein_coding	9.72	9.59	9.48	9.38	10.98	11.02	10.95	10.79
Up	ENSMUSG00000029073	1.39	2.00E-20	Cplp	protein_coding	6.46	6.50	6.45	6.51	7.79	7.99	7.95	7.57
Up	ENSMUSG000000054793	1.39	9.15E-69	Cadm4	protein_coding	9.49	9.45	9.42	9.47	10.88	10.66	10.96	10.85
Up	ENSMUSG00000025428	1.39	3.70E-70	Alp5a1	protein_coding	11.31	11.28	11.30	11.20	12.61	12.60	12.83	12.59
Up	ENSMUSG00000009894	1.39	4.17E-119	Snap47	protein_coding	10.11	10.06	10.05	9.98	11.47	11.37	11.55	11.34
Up	ENSMUSG00000027581	1.39	5.57E-69	Tmn3	protein_coding	10.72	10.69	10.67	10.61	12.11	11.97	12.18	11.95
Up	ENSMUSG000000036377	1.39	3.91E-117	C530008M17Rik	protein_coding	9.60	9.41	9.48	9.48	10.95	10.90	10.91	10.81
Up	ENSMUSG00000023031	1.39	3.25E-04	Ce1a1	protein_coding	3.44	3.44	3.16	4.02	4.59	4.58	4.85	5.13
Up	ENSMUSG00000027894	1.39	8.48E-49	Slc6a17	protein_coding	10.98	10.92	10.93	10.71	12.14	12.24	12.56	12.09
Up	ENSMUSG00000034327	1.38	1.04E-27	Kctd9	protein_coding	6.64	6.38	6.62	6.89	8.03	8.08	8.08	7.77
Up	ENSMUSG00000041658	1.38	8.11E-52	Rragb	protein_coding	8.35	8.33	8.25	8.32	9.52	9.84	9.77	9.58
Up	ENSMUSG00000075316	1.38	4.04E-18	Scn9a	protein_coding	6.44	6.71	6.14	6.62	8.10	8.01	7.69	7.46
Up	ENSMUSG00000031672	1.38	8.96E-47	Got2	protein_coding	9.44	9.55	9.38	9.32	10.80	10.79	11.00	10.59
Up	ENSMUSG00000024955	1.38	1.03E-33	Esrta	protein_coding	6.99	7.41	7.24	7.12	8.70	8.52	8.47	8.50
Up	ENSMUSG00000034863	1.38	5.05E-29	Ano8	protein_coding	7.50	7.01	7.36	7.48	8.68	8.73	8.92	8.32
Up	ENSMUSG00000031367	1.37	1.31E-32	Ap1s2	protein_coding	8.22	8.25	7.97	8.39	9.67	9.57	9.71	9.48
Up	ENSMUSG00000021974	1.37	1.62E-48	Fgf9	protein_coding	7.11	7.47	7.36	7.32	8.73	8.73	8.69	8.53
Up	ENSMUSG00000049112	1.37	1.30E-15	Oxtr	protein_coding	6.02	6.10	5.68	6.44	7.27	7.61	7.37	7.36
Up	ENSMUSG00000070717	1.37	1.98E-06	Gm10300	protein_coding	3.86	4.13	3.93	3.69	5.34	4.42	5.22	4.95
Up	ENSMUSG00000028789	1.37	3.82E-25	Tufm	protein_coding	7.70	7.70	7.47	7.39	8.86	9.22	8.86	8.68
Up	ENSMUSG000000063932	1.36	1.82E-126	Nrxn3	protein_coding	10.18	10.18	10.21	10.10	11.51	11.56	11.46	11.41
Up	ENSMUSG00000024892	1.36	6.89E-24	Fox	protein_coding	7.36	7.29	7.22	7.10	8.73	8.67	8.60	8.31
Up	ENSMUSG00000015981	1.36	4.47E-56	Slk32c	protein_coding	8.85	8.91	9.07	8.87	10.29	10.38	10.37	10.07
Up	ENSMUSG00000007021	1.36	2.92E-43	Syngn3	protein_coding	8.94	9.02	8.98	8.86	10.48	10.24	10.32	10.17
Up	ENSMUSG00000025393	1.36	5.11E-88	Atp5b	protein_coding	11.55	11.49	11.50	11.46	12.79	12.94	12.94	12.76
Up	ENSMUSG00000025854	1.36	1.14E-28	Fam20c	protein_coding	7.61	7.93	7.57	7.86	9.18	8.99	9.02	9.17
Up	ENSMUSG00000027950	1.36	3.19E-63	Chrb2	protein_coding	8.60	8.76	8.66	8.57	10.05	10.00	10.08	9.84
Up	ENSMUSG00000042826	1.36	1.07E-41	Fgf11	protein_coding	7.92	7.79	7.90	8.06	9.15	9.36	9.30	9.23
Up	ENSMUSG00000032306	1.36	2.64E-24	Mpi	protein_coding	6.93	7.16	6.96	7.19	8.25	8.36	8.68	8.23
Up	ENSMUSG00000027796	1.36	1.00E-17	Smad9	protein_coding	6.79	6.35	6.94	6.74	7.96	8.21	8.20	7.77
Up	ENSMUSG00000031960	1.35	1.63E-39	Aars	protein_coding	8.93	9.00	8.92	8.87	10.27	10.25	10.45	10.12
Up	ENSMUSG00000020085	1.35	4.23E-10	Aifm2	protein_coding	5.34	5.68	5.50	5.94	7.13	7.17	6.52	6.74
Up	ENSMUSG00000028789	1.35	5.20E-26	Azin2	protein_coding	7.08	6.90	6.97	6.94	8.05	8.45	8.47	8.17
Up	ENSMUSG00000020176	1.35	9.88E-33	Grb10	protein_coding	7.41	7.54	7.27	7.90	9.00	9.00	8.84	8.81
Up	ENSMUSG00000057378	1.35	3.40E-44	Ryb3	protein_coding	9.50	9.60	9.53	9.41	10.71	10.90	10.65	11.11
Up	ENSMUSG00000043518	1.34	1.15E-15	Rai2	protein_coding	5.81	5.47	5.73	5.82	6.87	7.29	6.73	7.00
Up	ENSMUSG00000087006	1.34	5.01E-38	Gm13889	protein_coding	6.93	7.12	7.19	7.21	8.44	8.58	8.33	8.38
Up	ENSMUSG00000030093	1.34	2.33E-10	Wnt7a	protein_coding	6.51	5.75	5.67	6.30	7.25	7.27	7.74	7.23
Up	ENSMUSG00000022887	1.34	1.94E-06	Masp1	protein_coding	6.30	6.08	6.22	6.27	7.71	7.26	7.68	7.34
Up	ENSMUSG00000035105	1.34	3.74E-08	Egln3	protein_coding	5.00	5.59	5.29	5.34	6.78	6.33	6.88	6.16
Up	ENSMUSG00000004642	1.34	2.34E-23	Slbp	protein_coding	6.45	6.50	6.64	6.79	7.88	7.93	7.87	7.93
Up	ENSMUSG00000019923	1.34	3.59E-88	Zwint	protein_coding	11.52	11.60	11.57	11.71	12.89	12.86	13.08	12.91
Up	ENSMUSG00000038845	1.34	3.44E-25	Phb	protein_coding	7.81	7.71	7.88	7.84	8.96	9.16	9.35	9.02
Up	ENSMUSG00000041231	1.34	1.80E-21	Ublcp1	protein_coding	7.35	7.29	7.33	7.43	8.80	8.86	8.47	8.47
Up	ENSMUSG00000050989	1.34	9.82E-18	Selenon	protein_coding	6.56	6.42	6.48	6.54	7.48	7.71	8.10	7.83
Up	ENSMUSG00000025988	1.33	1.32E-61	Ndufs1	protein_coding	8.87	8.89	8.92	8.97	10.32	10.29	10.23	10.11
Up	ENSMUSG00000040964	1.33	1.62E-33	Arhgef10l	protein_coding	7.69	7.63	7.63	7.58	8.84	8.75	9.22	8.94
Up	EN												

Up	ENSMUSG00000015709	1.33	6.89E-136	Arnt2	protein_coding	10.28	10.22	10.37	10.23	11.55	11.59	11.72	11.54
Up	ENSMUSG00000019124	1.33	4.11E-98	Scn11	protein_coding	10.21	10.19	10.17	10.18	11.47	11.52	11.63	11.40
Up	ENSMUSG00000032523	1.32	1.57E-04	Hhat1	protein_coding	4.70	5.43	4.82	6.62	5.98	5.98	6.63	6.18
Up	ENSMUSG000000024073	1.32	3.23E-76	Birc6	protein_coding	10.16	10.26	9.91	10.10	11.45	11.47	11.30	11.50
Up	ENSMUSG000000027963	1.32	2.44E-53	Extf2	protein_coding	8.56	8.51	8.44	8.52	9.76	10.00	9.87	9.63
Up	ENSMUSG000000067925	1.32	9.26E-35	Rt8a	protein_coding	6.63	6.65	6.42	6.61	7.98	7.87	7.82	7.80
Up	ENSMUSG000000022110	1.32	3.30E-88	Suda2	protein_coding	9.26	9.50	9.36	9.38	10.68	10.68	10.67	10.67
Up	ENSMUSG000000050043	1.32	2.27E-169	Tmx2	protein_coding	9.18	9.13	9.09	9.10	10.45	10.46	10.45	10.40
Up	ENSMUSG00000005882	1.32	2.62E-44	Uqc1	protein_coding	8.02	8.06	8.14	7.98	9.40	9.19	9.48	9.35
Up	ENSMUSG00000018589	1.32	7.22E-09	Glra2	protein_coding	5.55	5.97	5.46	6.30	7.14	7.37	6.74	7.17
Up	ENSMUSG000000052302	1.32	9.36E-77	Tbc1d30	protein_coding	8.73	8.73	8.60	8.82	10.01	10.12	10.08	9.91
Up	ENSMUSG00000030731	1.32	1.90E-46	Syt3	protein_coding	8.05	7.86	7.97	7.79	9.24	9.24	9.32	9.00
Up	ENSMUSG000000039137	1.31	4.98E-23	Whrn	protein_coding	7.98	8.13	7.89	8.09	9.11	9.56	9.14	9.44
Up	ENSMUSG000000023960	1.31	3.77E-75	Enpp5	protein_coding	9.54	9.58	9.41	9.47	10.85	10.84	10.82	10.71
Up	ENSMUSG000000091722	1.31	1.63E-16	Siah3	protein_coding	6.75	6.97	6.47	6.51	7.95	8.33	7.87	7.62
Up	ENSMUSG000000043857	1.31	1.87E-32	Mgat5b	protein_coding	8.21	8.34	8.06	8.12	9.49	9.38	9.75	9.26
Up	ENSMUSG000000004508	1.31	4.82E-17	Gab2	protein_coding	7.22	7.47	7.65	7.23	8.49	8.80	9.04	8.31
Up	ENSMUSG000000031603	1.30	1.61E-06	Fgf20	protein_coding	5.92	5.77	5.57	5.72	6.67	6.98	7.14	7.12
Up	ENSMUSG000000031840	1.30	2.20E-38	Rab3a	protein_coding	11.43	11.45	11.47	11.40	12.66	12.87	12.82	12.60
Up	ENSMUSG000000009411	1.30	8.93E-08	Nectin4	protein_coding	5.23	4.95	4.95	5.33	5.97	6.75	6.33	6.14
Up	ENSMUSG000000030058	1.30	2.02E-72	Copp1	protein_coding	9.81	9.70	9.64	9.73	11.11	11.08	11.02	10.87
Up	ENSMUSG000000038650	1.30	2.32E-17	Rtn1	protein_coding	5.75	5.90	6.20	6.07	7.03	7.03	7.58	7.25
Up	ENSMUSG000000032776	1.30	6.44E-08	Mctp2	protein_coding	5.64	5.74	5.61	5.99	6.87	7.48	6.79	6.99
Up	ENSMUSG00000104148	1.30	8.42E-39	Pcdha2	protein_coding	9.08	8.94	8.75	8.95	10.18	10.37	10.24	10.11
Up	ENSMUSG000000032238	1.30	7.23E-56	Rora	protein_coding	9.01	9.01	9.15	9.25	10.27	10.42	10.63	10.26
Up	ENSMUSG000000030655	1.30	3.06E-46	Smg1	protein_coding	10.32	10.39	10.18	10.31	11.62	11.68	11.34	11.72
Up	ENSMUSG000000023938	1.30	1.82E-14	Aars2	protein_coding	6.66	6.33	6.76	6.60	7.78	7.90	8.06	7.66
Up	ENSMUSG000000068739	1.30	1.26E-90	Sars	protein_coding	9.30	9.28	9.25	9.33	10.58	10.59	10.70	10.45
Up	ENSMUSG000000038545	1.30	9.19E-23	Cul7	protein_coding	6.93	7.01	6.91	7.08	8.32	8.45	8.01	8.21
Up	ENSMUSG000000006342	1.30	1.24E-05	Susd2	protein_coding	4.36	4.09	3.89	4.22	5.04	4.85	5.20	5.70
Up	ENSMUSG000000036745	1.30	3.40E-79	Tllf7	protein_coding	10.74	10.80	10.78	10.69	11.96	12.09	11.96	12.00
Up	ENSMUSG000000040249	1.30	4.39E-37	Lrp1	protein_coding	10.72	10.45	10.50	10.46	11.94	11.83	11.65	11.88
Up	ENSMUSG000000046490	1.29	8.87E-18	Scn8a	protein_coding	6.60	7.00	6.74	6.35	8.30	8.30	8.00	7.56
Up	ENSMUSG000000024776	1.29	6.76E-26	Stambp1	protein_coding	6.60	6.73	6.83	7.13	8.13	8.16	8.34	8.17
Up	ENSMUSG000000030323	1.29	1.87E-81	Dvl3	protein_coding	8.44	8.60	8.47	8.53	9.87	9.75	9.77	9.79
Up	ENSMUSG000000024359	1.29	2.24E-77	Hspa9	protein_coding	9.79	9.72	9.57	11.00	10.97	10.93	11.07	10.82
Up	ENSMUSG000000036278	1.29	2.40E-08	Macrof1	protein_coding	5.62	5.68	5.82	5.67	6.96	7.07	6.98	6.67
Up	ENSMUSG000000019179	1.29	5.53E-99	Mdh2	protein_coding	10.05	10.06	10.09	9.97	11.31	11.35	11.43	11.23
Up	ENSMUSG000000059361	1.29	6.65E-37	Nrsn2	protein_coding	8.12	8.44	8.22	8.28	9.37	9.69	9.51	9.60
Up	ENSMUSG000000023927	1.29	8.64E-68	Satb1	protein_coding	10.24	10.38	10.25	10.10	11.49	11.67	11.54	11.40
Up	ENSMUSG000000024524	1.28	3.30E-98	Gnal	protein_coding	10.29	10.42	10.19	10.29	11.54	11.70	11.57	11.50
Up	ENSMUSG000000005981	1.28	9.83E-50	Trap1	protein_coding	7.80	7.89	7.84	7.92	9.17	9.08	9.17	9.10
Up	ENSMUSG000000030272	1.28	2.44E-21	Camk1	protein_coding	7.78	7.81	7.76	8.00	9.14	9.16	9.02	9.11
Up	ENSMUSG000000025240	1.28	1.77E-42	Sacm11	protein_coding	8.84	8.81	8.54	8.70	9.93	9.93	10.27	9.86
Up	ENSMUSG000000093536	1.28	1.41E-24	Smim17	protein_coding	6.99	7.00	6.80	7.10	8.05	8.29	8.41	8.19
Up	ENSMUSG000000020917	1.28	2.07E-55	Acly	protein_coding	8.74	8.86	8.73	8.84	10.09	9.93	10.22	10.00
Up	ENSMUSG000000033595	1.28	4.24E-36	Lg3	protein_coding	8.25	8.26	8.05	7.94	9.51	9.51	9.25	9.25
Up	ENSMUSG000000083282	1.28	8.34E-32	Ctcf	protein_coding	7.08	6.90	7.07	6.96	8.27	8.12	8.33	8.30
Up	ENSMUSG000000032718	1.28	7.56E-10	Mansc1	protein_coding	5.36	5.64	5.79	5.59	6.43	6.30	6.48	6.48
Up	ENSMUSG000000033253	1.28	7.45E-23	Szi2	protein_coding	7.56	7.24	7.28	7.27	8.49	8.87	8.39	8.61
Up	ENSMUSG000000002900	1.28	2.45E-49	Lamb1	protein_coding	7.54	7.58	7.61	7.71	8.91	8.87	8.92	8.79
Up	ENSMUSG000000022551	1.28	9.37E-47	Cyc1	protein_coding	8.60	8.65	8.80	8.71	9.82	9.99	10.14	9.88
Up	ENSMUSG000000031227	1.28	3.47E-51	Magee1	protein_coding	8.81	8.84	8.76	8.67	10.03	10.11	10.05	9.97
Up	ENSMUSG000000010154	1.28	1.00E-16	Spire2	protein_coding	6.93	7.00	6.74	6.75	8.22	8.13	8.00	8.07
Up	ENSMUSG000000026944	1.28	1.60E-35	Abca2	protein_coding	10.15	9.96	10.15	9.86	11.39	11.12	11.45	11.26
Up	ENSMUSG000000030451	1.28	1.74E-64	Herc2	protein_coding	10.65	10.58	10.55	10.49	11.84	11.89	11.71	11.92
Up	ENSMUSG000000027284	1.28	1.40E-72	Cdan1	protein_coding	9.79	9.58	9.62	9.65	10.95	10.97	10.96	10.84
Up	ENSMUSG000000019256	1.28	5.49E-16	Ahr	protein_coding	6.37	6.21	6.06	6.26	7.25	7.29	7.47	7.47
Up	ENSMUSG000000032294	1.28	2.38E-56	Pkm	protein_coding	11.62	11.57	11.58	11.44	12.88	12.71	12.94	12.69
Up	ENSMUSG000000029177	1.28	1.89E-03	Denpa	protein_coding	5.00	4.61	4.68	4.31	5.38	6.10	6.19	5.32
Up	ENSMUSG000000030442	1.27	2.98E-41	Pcdha1	protein_coding	9.06	8.94	8.75	8.95	10.15	10.15	10.34	10.22
Up	ENSMUSG000000026131	1.27	6.71E-43	Dst	protein_coding	11.77	11.60	11.54	11.66	13.11	12.83	12.64	13.04
Up	ENSMUSG000000057315	1.27	1.72E-18	Arhgap24	protein_coding	6.23	6.34	6.09	6.03	7.31	7.64	7.26	7.37
Up	ENSMUSG000000014633	1.27	5.08E-13	Cmc2	protein_coding	6.00	6.19	5.82	5.71	7.27	7.12	7.04	7.19
Up	ENSMUSG000000051527	1.27	1.48E-24	Usp29	protein_coding	8.19	8.42	8.41	8.49	9.29	9.78	9.75	9.70
Up	ENSMUSG000000036932	1.27	6.73E-27	Aifm1	protein_coding	6.93	7.07	6.86	6.98	8.22	8.28	8.16	8.17
Up	ENSMUSG000000037916	1.27	9.91E-46	Ndufv1	protein_coding	8.91	8.73	8.79	8.81	10.02	10.09	10.19	10.00
Up	ENSMUSG000000026930	1.27	1.96E-16	Gpsm1	protein_coding	7.27	7.42	7.31	7.24	8.50	8.78	8.20	8.69
Up	ENSMUSG000000044788	1.27	5.54E-20	Fads6	protein_coding	7.04	6.97	7.20	6.84	8.48	7.85	8.39	8.25
Up	ENSMUSG000000026858	1.27	8.33E-41	Miga2	protein_coding	8.24	7.93	8.23	7.94	9.42	9.28	9.46	9.22
Up	ENSMUSG000000038990	1.27	1.54E-33	Cables2	protein_coding	8.02	7.85	8.09	7.80	9.01	9.21	9.46	9.07
Up	ENSMUSG000000035466	1.27	1.41E-12	Klc4	protein_coding	6.27	6.57	6.43	6.12	7.34	7.70	7.72	7.54
Up	ENSMUSG000000035722	1.27	1.02E-13	Abca7	protein_coding	5.78	5.63	5.63	5.91	6.98	6.82	6.77	6.82
Up	ENSMUSG000000028526	1.27	3.32E-42	Fh1	protein_coding	7.70	7.65	7.73	7.81	8.99	8.99	8.95	8.87
Up	ENSMUSG000000102312	1.27	3.24E-34	Pcdha3	protein_coding	9.10	8.96	8.77	8.85	10.16	10.37	10.22	10.07
Up	ENSMUSG000000103707	1.27	1.50E-39	Pcdha6	protein_coding	9.11	8.98	8.77	8.97	10.18	10.40	10.21	10.07
Up	ENSMUSG000000103800	1.26	4.19E-35	Pcdha8	protein_coding	9.06	8.92	8.75	8.94	10.13	10.33	10.19	10.14
Up	ENSMUSG00000007440	1.26	2.56E-38	Pcdha11	protein_coding	9.08	8.93	8.75	8.95	10.13	10.34	10.23	10.05
Up	ENSMUSG000000022307	1.26	4.78E-71	Oxr1	protein_coding	11.10	11.17	11.00	10.96	12.37	12.33	12.45	12.10
Up	ENSMUSG000000103092	1.26	3.07E-37	Pcdha5	protein_coding	9.12	8.98	8.78	8.98	10.18	10.37	10.24	10.09
Up	ENSMUSG000000103255	1.26	8.48E-35	Pcdhac1	protein_coding	9.15	8.98	8.80	8.98	10.19	10.39	10.25	10.11
Up	ENSMUSG000000041020	1.26	2.66E-56	Map7d2	protein_coding	10.57	10.42	10.47	10.28	11.77	11.64	11.83	11.54
Up	ENSMUSG000000029361	1.26	1.67E-46	Nos1	protein_coding	9.12	9.21	9.14	9.14	10.37	10.64	10.38	10.22
Up	ENSMUSG000000041028	1.26	4.04E-84	Ghltm	protein_coding	10.21	10.19	10.12	10.21	11.34	11.60	11.49	11.32
Up	ENSMUSG000000034613	1.26	1.86E-42	Ppm1h	protein_coding	9.57	9.45	9.35	9.34	10.66	10.94	10.56	10.55
Up	ENSMUSG000000006299	1.26	1.06E-38	Alamp	protein_coding	9.24	9.18	9.09	9.1				

Up	ENSMUSG00000033885	1.26	2.29E-26	Pxk	protein_coding	7.35	7.42	7.37	7.20	8.53	8.85	8.64	8.19
Up	ENSMUSG00000025478	1.26	6.67E-17	Dpysl4	protein_coding	6.82	6.65	6.77	6.51	7.66	7.95	8.18	7.81
Up	ENSMUSG00000026825	1.25	3.61E-59	Dnm1	protein_coding	12.46	12.43	12.41	12.41	13.57	13.69	13.75	13.47
Up	ENSMUSG000000021747	1.25	3.48E-17	4930452B06Rik	protein_coding	6.65	6.81	7.20	6.65	8.11	7.99	7.97	8.19
Up	ENSMUSG00000040276	1.25	5.99E-66	Pacsin1	protein_coding	11.03	10.87	10.99	10.76	12.17	12.17	12.32	11.98
Up	ENSMUSG000000052105	1.25	8.17E-40	Mctf1	protein_coding	8.72	8.34	8.54	8.33	9.81	9.83	9.76	9.51
Up	ENSMUSG000000036764	1.25	1.25E-15	Dnajc12	protein_coding	5.85	5.72	5.85	5.69	6.85	6.84	7.04	6.85
Up	ENSMUSG00000041842	1.25	1.53E-06	Fhd1c1	protein_coding	5.73	5.17	5.40	5.59	6.45	6.18	7.19	6.63
Up	ENSMUSG00000028773	1.25	5.74E-47	Fabp3	protein_coding	8.41	8.22	8.24	8.16	9.48	9.47	9.59	9.45
Up	ENSMUSG00000030739	1.25	1.79E-16	Myh14	protein_coding	7.63	7.65	7.42	7.87	9.06	8.46	9.03	8.91
Up	ENSMUSG00000104252	1.25	2.10E-34	Pcdha4	protein_coding	9.15	9.02	8.83	8.97	10.19	10.38	10.26	10.12
Up	ENSMUSG00000008348	1.25	7.78E-16	Ubc	protein_coding	7.59	7.16	7.41	7.34	8.81	8.32	8.73	8.53
Up	ENSMUSG00000030611	1.24	1.56E-20	Mbps11	protein_coding	6.10	6.12	6.37	6.09	7.36	7.36	7.41	7.36
Up	ENSMUSG000000032279	1.24	9.74E-58	ldh3a	protein_coding	10.22	10.20	10.22	10.10	11.28	11.47	11.44	11.31
Up	ENSMUSG00000104318	1.24	1.64E-42	Pcdha7	protein_coding	9.12	8.96	8.80	8.97	10.16	10.35	10.21	10.08
Up	ENSMUSG000000021477	1.24	3.20E-30	Ctsl	protein_coding	8.21	7.92	7.71	7.83	9.23	9.15	9.29	8.93
Up	ENSMUSG00000096883	1.24	9.51E-03	Shisa8	protein_coding	3.67	3.83	3.97	4.12	4.92	4.85	4.88	4.98
Up	ENSMUSG00000034958	1.24	7.27E-66	Atcay	protein_coding	10.02	10.15	9.92	9.89	11.30	11.32	11.25	11.07
Up	ENSMUSG000000028710	1.24	3.28E-26	Atpa1f	protein_coding	7.90	7.96	8.00	8.03	9.13	9.17	9.38	9.11
Up	ENSMUSG000000027603	1.24	1.14E-28	Gsp17	protein_coding	8.02	8.02	8.26	7.96	9.30	9.45	9.30	9.12
Up	ENSMUSG000000025992	1.24	3.14E-66	Gsp1f	protein_coding	8.84	8.90	8.77	8.92	10.08	10.19	10.19	9.89
Up	ENSMUSG00000103770	1.24	2.78E-36	Pcdha9	protein_coding	9.12	9.02	8.82	9.00	10.18	10.40	10.25	10.07
Up	ENSMUSG00000016319	1.24	7.92E-47	Slc25a5	protein_coding	9.23	8.97	9.08	9.08	10.29	10.37	10.49	10.14
Up	ENSMUSG00000025597	1.24	1.59E-14	Klhl4	protein_coding	6.36	6.00	6.22	6.53	7.60	7.28	7.67	7.38
Up	ENSMUSG00000020329	1.24	1.39E-16	Poimr1	protein_coding	6.44	6.23	6.53	6.33	7.83	7.45	7.41	7.61
Up	ENSMUSG00000049191	1.24	8.00E-15	Rtl5	protein_coding	6.39	6.50	6.63	6.62	7.89	7.75	7.71	7.60
Up	ENSMUSG00000037904	1.24	2.54E-08	Ankrd9	protein_coding	5.69	5.71	5.57	5.62	6.78	7.11	6.79	6.53
Up	ENSMUSG00000103310	1.24	8.64E-43	Pcdha12	protein_coding	9.09	8.98	8.82	8.98	10.16	10.34	10.21	10.07
Up	ENSMUSG000000021868	1.24	5.15E-27	Ppif	protein_coding	7.21	7.32	7.40	7.16	8.44	8.57	8.45	8.50
Up	ENSMUSG000000022270	1.24	4.23E-33	Retreg1	protein_coding	7.81	7.95	7.88	7.72	9.19	8.97	9.10	8.98
Up	ENSMUSG000000031007	1.24	3.58E-26	Atp6ap2	protein_coding	8.89	9.00	8.84	9.04	10.23	10.13	10.35	9.95
Up	ENSMUSG000000023032	1.23	8.31E-52	Slc4a8	protein_coding	9.29	9.39	9.28	9.20	10.54	10.59	10.66	10.25
Up	ENSMUSG000000047759	1.23	1.04E-53	Hs3st3a1	protein_coding	3.95	4.50	4.65	5.84	5.11	5.44	4.72	5.38
Up	ENSMUSG000000025213	1.23	9.33E-03	Kazs3a1	protein_coding	3.67	4.05	4.43	3.65	4.66	3.65	5.05	4.83
Up	ENSMUSG00000066357	1.23	1.22E-30	Wdr6	protein_coding	8.26	8.21	8.37	8.52	9.29	9.56	9.64	9.74
Up	ENSMUSG000000032131	1.23	6.20E-25	Abcg4	protein_coding	8.09	7.81	7.93	7.81	8.92	9.28	9.31	8.91
Up	ENSMUSG00000019863	1.23	5.71E-15	Orai1	protein_coding	5.83	6.11	5.87	5.75	6.80	7.14	6.96	7.32
Up	ENSMUSG00000061080	1.23	1.97E-92	Lsamp	protein_coding	11.55	11.58	11.60	11.67	12.83	12.84	12.93	12.70
Up	ENSMUSG00000055424	1.23	4.15E-14	Gm9970	protein_coding	5.54	5.81	5.52	5.66	6.84	6.71	6.64	6.98
Up	ENSMUSG000000037487	1.23	2.16E-58	Ubr5	protein_coding	10.03	10.07	9.86	9.98	11.35	11.09	11.22	11.18
Up	ENSMUSG000000028164	1.22	3.23E-09	Manba	protein_coding	6.05	5.72	6.06	6.11	7.20	7.18	7.17	7.10
Up	ENSMUSG000000045039	1.22	1.43E-23	Megf8	protein_coding	9.04	8.93	8.75	8.63	10.13	9.92	10.22	9.96
Up	ENSMUSG000000061878	1.22	1.42E-03	Sphk1	protein_coding	4.42	3.33	3.49	4.05	4.56	4.96	5.00	4.92
Up	ENSMUSG000000021577	1.22	1.87E-109	Sdha	protein_coding	10.51	10.59	10.46	10.45	11.77	11.66	11.80	11.67
Up	ENSMUSG00000004565	1.22	1.14E-24	Pnpl6a	protein_coding	7.19	7.21	7.16	7.55	8.25	8.78	8.53	8.32
Up	ENSMUSG000000045775	1.22	9.20E-04	Slc16a5	protein_coding	3.67	4.09	3.49	4.19	5.01	5.00	5.14	4.11
Up	ENSMUSG000000011752	1.22	2.90E-54	Pigan1	protein_coding	8.96	8.80	8.95	8.78	10.03	9.85	10.02	9.85
Up	ENSMUSG00000000088	1.22	2.08E-42	Cox5a	protein_coding	8.60	8.61	8.75	8.74	9.94	9.91	9.96	9.75
Up	ENSMUSG000000030870	1.22	2.29E-50	Ubf1f	protein_coding	8.71	8.53	8.38	8.73	9.88	9.91	9.91	9.72
Up	ENSMUSG00000024228	1.22	2.83E-07	Nudt12	protein_coding	5.21	4.93	5.26	5.65	6.55	6.40	6.43	6.29
Up	ENSMUSG00000047434	1.22	2.50E-29	Xyylt1	protein_coding	7.45	7.32	7.29	7.33	8.36	8.72	8.58	8.51
Up	ENSMUSG000000024811	1.22	1.50E-26	Tnks2	protein_coding	10.04	10.06	9.95	10.02	11.33	11.39	11.05	11.15
Up	ENSMUSG000000029056	1.22	3.29E-18	Pank4	protein_coding	6.12	6.20	6.11	6.32	7.32	7.45	7.44	7.24
Up	ENSMUSG000000022415	1.22	1.73E-52	Syng1	protein_coding	10.98	11.04	11.02	10.88	12.21	12.12	12.40	12.03
Up	ENSMUSG000000029314	1.22	7.89E-05	Gpat3	protein_coding	5.17	4.89	4.87	5.30	6.43	5.95	6.05	6.27
Up	ENSMUSG00000048004	1.22	3.96E-10	Tmem196	protein_coding	5.74	6.31	6.48	6.48	7.26	7.49	7.65	7.41
Up	ENSMUSG000000060923	1.22	6.07E-09	Acyp2	protein_coding	6.54	6.48	6.48	6.48	7.36	7.74	7.83	7.75
Up	ENSMUSG000000035000	1.22	7.12E-32	Impdh1	protein_coding	7.80	7.49	7.45	7.29	8.78	8.70	8.78	8.38
Up	ENSMUSG000000038028	1.22	5.36E-23	Tigar	protein_coding	7.43	7.47	7.41	7.18	8.64	8.60	8.66	8.37
Up	ENSMUSG000000032118	1.22	1.26E-46	Fez1	protein_coding	10.36	10.23	10.32	10.27	11.57	11.44	11.59	11.43
Up	ENSMUSG00000021190	1.21	1.04E-62	Lgmn	protein_coding	8.28	8.24	8.22	8.19	9.50	9.46	9.42	9.36
Up	ENSMUSG00000063802	1.21	4.10E-28	Hspbp1	protein_coding	7.59	7.55	7.56	7.71	8.90	8.65	8.90	8.73
Up	ENSMUSG00000040054	1.21	2.17E-28	Baz2a	protein_coding	9.08	9.06	8.88	8.82	10.18	10.28	10.15	10.05
Up	ENSMUSG00000070866	1.21	4.33E-36	Zfp804a	protein_coding	8.30	8.23	8.12	8.12	9.23	9.45	9.47	9.41
Up	ENSMUSG00000042401	1.21	8.68E-44	Crtac1	protein_coding	8.60	8.45	8.52	8.38	9.64	9.64	9.93	9.53
Up	ENSMUSG00000002731	1.21	1.68E-08	Prkra	protein_coding	5.76	5.71	6.23	6.08	7.07	7.23	7.27	6.89
Up	ENSMUSG00000046841	1.21	2.74E-21	Kcap4	protein_coding	7.17	7.26	7.47	7.18	8.45	8.57	8.65	8.14
Up	ENSMUSG000000022407	1.21	1.24E-10	Adsl	protein_coding	6.51	6.37	6.57	6.40	7.74	7.65	7.90	7.16
Up	ENSMUSG000000020978	1.21	1.17E-81	Klhdc2	protein_coding	9.41	9.52	9.48	9.43	10.53	10.78	10.63	10.72
Up	ENSMUSG000000010461	1.21	5.26E-11	Eya4	protein_coding	5.47	5.62	5.68	5.68	6.59	7.11	6.68	6.61
Up	ENSMUSG000000020220	1.21	1.55E-76	Vps13d	protein_coding	9.82	9.87	9.81	9.71	10.97	11.03	10.96	11.07
Up	ENSMUSG000000028318	1.21	4.93E-05	Polr1e	protein_coding	4.95	5.02	5.19	5.14	5.95	6.56	6.38	5.66
Up	ENSMUSG000000037426	1.21	1.81E-54	Depdc5	protein_coding	8.67	8.71	8.62	8.48	9.81	9.71	9.89	9.75
Up	ENSMUSG000000056775	1.21	9.33E-06	Mybl2	protein_coding	5.12	5.12	5.10	5.76	6.17	6.11	6.95	6.75
Up	ENSMUSG000000038050	1.21	2.35E-71	Osbpl2	protein_coding	8.45	8.40	8.31	8.60	9.67	9.61	9.61	9.63
Up	ENSMUSG000000000776	1.21	5.66E-35	Polr3d	protein_coding	7.14	7.20	7.11	6.92	8.41	8.17	8.27	8.24
Up	ENSMUSG000000040152	1.21	2.06E-04	Tbhs1	protein_coding	3.72	4.53	4.82	4.54	5.44	5.98	5.65	5.44
Up	ENSMUSG000000047963	1.20	7.69E-03	Stbd1	protein_coding	4.75	4.44	3.43	4.48	5.49	5.74	4.92	5.27
Up	ENSMUSG000000040703	1.20	2.23E-04	Cyp2s1	protein_coding	4.29	4.50	4.17	4.65	5.58	5.81	5.22	5.10
Up	ENSMUSG000000020802	1.20	8.68E-30	Ube2o	protein_coding	8.86	8.87	8.93	8.76	10.12	10.05	10.14	9.87
Up	ENSMUSG000000041801	1.20	4.19E-04	Phlda3	protein_coding	5.86	5.40	5.40	6.05	7.23	7.27	7.27	6.86
Up	ENSMUSG00000068876	1.20	8.90E-09	Cgn	protein_coding	5.47	5.28	5.20	5.46	6.09	6.81	6.46	6.45
Up	ENSMUSG000000006782	1.20	1.58E-10	Cnp	protein_coding	9.97	9.79	10.14	9.98	11.46	10.44	11.16	11.39
Up	ENSMUSG000000016349	1.20	8.78E-42	Eef1a2	protein_coding	12.11	12.02	11.99	11.81	13.27	13.18	13.28	12.99
Up	ENSMUSG000000021270	1.20	1.19E-32	Hsp90aa1	protein_coding	12.34	12.28	11.97	12.00	13.55	13.34	13.22	13.17
Up	ENSMUSG000000024193	1.20	6.26E-16	Phf1	protein_coding	7.15	7.18	7.03	6.97	8.05	8.43	8.25	8.28

Up	ENSMUSG00000092094	1.19	1.42E-04	Zfp804b	protein_coding	4.18	5.17	4.80	5.24	5.66	5.91	5.89	6.38
Up	ENSMUSG00000014602	1.19	1.21E-47	Kif1a	protein_coding	12.15	11.92	11.94	11.77	13.23	13.12	13.22	12.98
Up	ENSMUSG00000026748	1.19	1.56E-53	Pknox2	protein_coding	8.34	8.48	8.34	8.62	9.71	9.69	9.55	9.56
Up	ENSMUSG00000016757	1.19	1.80E-10	Tlil12	protein_coding	6.09	6.25	6.23	5.94	7.17	7.35	7.42	7.13
Up	ENSMUSG00000074793	1.19	4.10E-05	Hspa12b	protein_coding	4.18	3.97	4.27	4.63	5.19	4.89	5.59	5.43
Up	ENSMUSG00000031400	1.19	2.75E-25	Ggppdx	protein_coding	6.94	6.73	6.84	6.95	7.92	8.00	8.27	7.88
Up	ENSMUSG00000022203	1.18	1.22E-09	Etf2	protein_coding	5.71	5.02	5.59	5.87	6.95	6.17	6.36	6.85
Up	ENSMUSG00000024948	1.18	2.88E-44	Mapk2	protein_coding	7.62	7.71	7.51	7.60	8.65	8.80	8.92	8.72
Up	ENSMUSG00000039652	1.18	1.39E-61	Cpeb3	protein_coding	9.37	9.41	9.32	9.24	10.59	10.48	10.64	10.33
Up	ENSMUSG00000028649	1.18	4.32E-34	Macf1	protein_coding	11.67	11.65	11.54	11.57	12.83	12.77	12.50	13.00
Up	ENSMUSG00000039683	1.18	7.42E-25	Sdk1	protein_coding	5.97	6.30	6.14	6.15	7.27	7.15	7.40	7.28
Up	ENSMUSG00000018166	1.18	2.23E-07	Erbp3	protein_coding	6.46	6.10	6.46	6.29	7.99	6.67	7.53	7.42
Up	ENSMUSG00000001416	1.18	1.65E-40	Cct3	protein_coding	8.32	8.22	8.16	8.22	9.58	9.29	9.33	9.38
Up	ENSMUSG00000035172	1.18	1.21E-09	Plekhh3	protein_coding	5.42	5.62	5.55	4.98	6.66	6.28	6.43	6.43
Up	ENSMUSG00000025795	1.18	4.17E-18	Rassf3	protein_coding	6.95	7.10	7.11	7.05	8.15	8.26	8.27	8.13
Up	ENSMUSG00000017943	1.18	1.19E-35	Gdap11f	protein_coding	8.43	8.46	8.51	8.19	9.56	9.64	9.61	9.46
Up	ENSMUSG00000002319	1.18	5.10E-17	Ip04	protein_coding	7.90	7.97	8.00	7.66	9.01	9.03	9.23	8.90
Up	ENSMUSG00000016179	1.18	2.21E-17	Camk1g	protein_coding	6.66	6.78	6.98	6.58	7.91	8.00	7.87	7.87
Up	ENSMUSG000000005161	1.17	6.53E-69	Prdx2	protein_coding	9.16	9.09	9.04	9.23	10.37	10.29	10.35	10.20
Up	ENSMUSG000000336533	1.17	1.23E-11	Cdc42ep3	protein_coding	5.26	5.36	5.11	5.77	6.69	6.69	6.66	6.23
Up	ENSMUSG000000062070	1.17	1.03E-55	Pgk1	protein_coding	9.24	9.24	9.40	9.21	10.35	10.47	10.60	10.33
Up	ENSMUSG00000027495	1.17	3.39E-17	Fam210b	protein_coding	7.64	7.63	8.02	8.05	8.70	8.90	9.24	9.15
Up	ENSMUSG00000039989	1.17	9.05E-50	Cbx4	protein_coding	8.06	8.19	8.26	8.15	9.47	9.28	9.30	9.26
Up	ENSMUSG00000036098	1.17	7.59E-09	Myrf	protein_coding	9.00	8.63	8.77	8.56	10.41	9.19	9.86	9.94
Up	ENSMUSG000000042487	1.17	1.14E-28	Leo1	protein_coding	7.40	7.36	7.42	7.51	8.68	8.51	8.59	8.51
Up	ENSMUSG00000031634	1.17	7.22E-31	Ufsp2	protein_coding	8.00	8.01	8.04	8.01	8.98	9.05	9.45	9.17
Up	ENSMUSG00000031708	1.17	5.58E-33	Tecr	protein_coding	9.73	9.80	9.68	9.78	10.91	11.07	10.93	10.72
Up	ENSMUSG00000023947	1.17	7.14E-04	Nfkbi	protein_coding	5.00	5.08	4.87	4.19	6.13	5.33	5.82	6.07
Up	ENSMUSG00000039824	1.17	5.19E-17	Myl6b	protein_coding	6.40	6.20	6.73	6.34	7.58	7.49	7.48	7.69
Up	ENSMUSG00000037270	1.17	3.69E-36	4932438A13Rik	protein_coding	9.58	9.82	9.63	9.74	10.77	10.93	10.64	11.08
Up	ENSMUSG000000057766	1.17	9.72E-27	Ankrd29	protein_coding	7.61	7.49	7.29	7.35	8.78	8.64	8.54	8.38
Up	ENSMUSG000000027270	1.17	3.35E-16	Lamp5	protein_coding	7.18	7.52	7.09	7.20	8.23	8.17	8.80	8.32
Up	ENSMUSG000000200689	1.17	1.59E-46	Psa1	protein_coding	8.10	8.20	8.22	8.39	9.21	9.30	9.40	9.43
Up	ENSMUSG000000024059	1.17	9.03E-34	Ctip4	protein_coding	8.17	8.52	8.53	8.66	9.50	9.46	9.85	9.34
Up	ENSMUSG00000009633	1.17	2.70E-05	G0s2	protein_coding	5.34	5.64	4.70	4.74	6.88	6.06	6.20	5.88
Up	ENSMUSG00000027698	1.17	2.00E-28	Ncah1	protein_coding	9.31	9.33	9.12	9.12	10.40	10.24	10.67	10.22
Up	ENSMUSG00000038936	1.17	3.04E-22	Scppdh	protein_coding	7.63	8.14	7.92	8.06	9.20	9.07	9.00	9.14
Up	ENSMUSG00000030259	1.17	4.90E-25	Rassf8	protein_coding	7.68	7.75	7.86	7.91	9.08	8.86	8.98	8.87
Up	ENSMUSG00000017721	1.17	2.19E-51	Pigt	protein_coding	8.42	8.39	8.48	8.38	9.62	9.42	9.73	9.50
Up	ENSMUSG00000026305	1.16	2.67E-59	Lrrfp1	protein_coding	8.51	8.63	8.62	8.47	9.78	9.71	9.79	9.56
Up	ENSMUSG00000024587	1.16	2.90E-62	Nars	protein_coding	9.39	9.44	9.46	9.38	10.59	10.58	10.70	10.42
Up	ENSMUSG00000004455	1.16	1.93E-43	Ppp1cc	protein_coding	8.72	8.59	8.70	8.64	9.81	9.90	9.95	9.58
Up	ENSMUSG00000005986	1.16	1.27E-26	Ankr13d	protein_coding	7.21	7.36	7.30	7.43	8.50	8.61	8.55	8.18
Up	ENSMUSG000000181770	1.16	9.16E-37	Atp5g3	protein_coding	8.93	8.89	9.03	9.00	9.99	10.22	10.26	9.99
Up	ENSMUSG000000032127	1.16	4.12E-27	Vps11	protein_coding	7.54	7.80	7.82	7.56	8.81	8.77	8.97	8.77
Up	ENSMUSG000000082229	1.16	3.83E-18	Nap12	protein_coding	8.72	8.63	8.81	8.89	10.07	9.91	9.82	9.79
Up	ENSMUSG000000042363	1.16	4.08E-03	Xkr7	protein_coding	4.13	3.59	3.09	3.69	4.70	3.92	4.77	4.77
Up	ENSMUSG00000031458	1.16	4.41E-19	Coprs	protein_coding	6.80	7.03	6.84	7.04	8.23	7.83	7.89	7.89
Up	ENSMUSG000000021460	1.16	2.03E-44	Auh	protein_coding	8.45	8.60	8.65	8.42	9.63	9.64	9.63	9.42
Up	ENSMUSG000000024773	1.16	1.23E-24	Atg2a	protein_coding	7.58	7.43	7.17	7.35	8.69	8.55	8.58	8.27
Up	ENSMUSG00000024644	1.16	5.22E-18	Cndp2	protein_coding	7.37	7.35	7.28	7.29	8.62	8.62	8.62	8.43
Up	ENSMUSG00000026247	1.16	5.34E-04	Ecel1	protein_coding	4.59	4.82	4.49	5.24	5.44	5.64	6.17	6.05
Up	ENSMUSG00000026879	1.15	1.20E-11	Gsn	protein_coding	7.51	7.27	7.60	7.41	8.73	8.39	8.64	8.58
Up	ENSMUSG00000037752	1.15	3.22E-05	Xkr8	protein_coding	4.22	4.53	4.87	5.00	5.89	5.77	5.64	5.54
Up	ENSMUSG000000092035	1.15	1.90E-08	Peg10	protein_coding	7.56	7.92	7.09	7.52	8.47	8.93	8.03	9.09
Up	ENSMUSG00000040724	1.15	1.96E-63	Kcna2	protein_coding	11.11	11.09	10.95	10.93	12.23	12.17	12.28	12.00
Up	ENSMUSG00000030683	1.15	1.89E-26	Sez6l2	protein_coding	10.45	10.33	10.21	10.05	11.75	11.32	11.36	11.17
Up	ENSMUSG00000005483	1.15	7.35E-17	Dnajb1	protein_coding	7.87	7.63	7.52	7.67	9.03	8.98	8.63	8.55
Up	ENSMUSG000000034771	1.15	1.52E-05	Tle2	protein_coding	5.57	5.26	5.45	5.50	6.84	6.17	7.02	7.02
Up	ENSMUSG000000026209	1.15	1.40E-12	Dnppp	protein_coding	6.68	6.51	6.66	6.69	7.68	7.66	7.81	7.66
Up	ENSMUSG00000058316	1.15	1.09E-27	Stc2f4	protein_coding	8.19	7.82	8.07	7.86	9.25	8.99	9.16	9.09
Up	ENSMUSG00000031813	1.15	5.91E-07	Mvb12a	protein_coding	5.21	5.88	6.03	5.76	6.68	6.24	7.36	6.85
Up	ENSMUSG00000090100	1.15	2.17E-88	Tlbc2	protein_coding	10.60	10.48	10.47	10.45	11.64	11.71	11.72	11.50
Up	ENSMUSG00000025825	1.15	3.75E-42	Iscu	protein_coding	8.53	8.55	8.66	8.55	9.61	9.78	9.85	9.58
Up	ENSMUSG00000035835	1.15	8.54E-20	Pfpr3	protein_coding	7.19	7.32	6.95	7.06	8.10	8.42	8.27	8.23
Up	ENSMUSG00000038295	1.15	1.25E-05	Atg9b	protein_coding	4.84	4.64	5.02	4.85	5.90	5.71	5.59	6.22
Up	ENSMUSG00000039318	1.14	9.82E-41	Rab3gap2	protein_coding	8.67	8.92	8.53	8.52	9.76	9.67	9.90	9.68
Up	ENSMUSG000000021234	1.14	6.98E-16	Fam161b	protein_coding	6.59	6.43	6.41	6.45	7.89	7.87	7.52	7.52
Up	ENSMUSG000000003099	1.14	2.20E-38	Ndufa9	protein_coding	8.56	8.62	8.54	8.50	9.70	9.73	9.64	9.69
Up	ENSMUSG00000015247	1.14	3.99E-04	Nipsnap3b	protein_coding	5.24	5.56	5.45	5.45	6.65	6.43	6.79	6.61
Up	ENSMUSG00000048486	1.14	7.36E-20	Fitm2	protein_coding	7.67	7.75	7.47	7.61	8.74	8.81	8.81	8.55
Up	ENSMUSG000000052353	1.14	7.82E-23	Cemip	protein_coding	7.52	7.42	7.67	7.64	8.68	8.46	8.66	8.72
Up	ENSMUSG000000021990	1.14	5.55E-10	Cign	protein_coding	6.67	6.58	6.63	6.34	7.90	7.77	7.60	7.36
Up	ENSMUSG000000053475	1.14	4.85E-03	Tnfrsf9	protein_coding	5.26	5.52	5.52	5.22	6.35	6.06	5.84	6.31
Up	ENSMUSG00000058622	1.14	1.31E-32	Spock1	protein_coding	10.32	10.25	10.27	10.20	11.38	11.36	11.63	11.18
Up	ENSMUSG00000015217	1.14	2.84E-10	Hmgb3	protein_coding	6.16	6.25	6.82	6.60	7.51	7.42	7.78	7.61
Up	ENSMUSG00000041124	1.14	6.30E-84	Msantd4	protein_coding	9.06	9.10	9.06	9.00	10.15	10.16	10.21	10.21
Up	ENSMUSG00000091811	1.14	9.66E-14	Inafm1	protein_coding	6.21	6.45	6.65	6.39	7.38	7.49	7.87	7.34
Up	ENSMUSG00000024941	1.14	1.26E-37	Scyl1	protein_coding	8.31	8.22	8.31	8.27	9.35	9.42	9.57	9.26
Up	ENSMUSG00000023236	1.14	2.58E-40	Scg5	protein_coding	9.27	9.16	9.20	9.21	10.29	10.19	10.54	10.32
Up	ENSMUSG000000027406	1.14	5.05E-79	Idh3b	protein_coding	10.01	9.99	9.93	9.94	11.00	11.14	11.14	11.07
Up	ENSMUSG00000039781	1.14	2.39E-17	Cep131	protein_coding	6.69	6.76	7.07	6.61	7.72	7.99	7.94	7.94
Up	ENSMUSG000000068663	1.13	7.94E-43	Clec16a	protein_coding	9.30	9.25	9.40	9.12	10.41	10.39	10.58	10.21
Up	ENSMUSG000000024423	1.13	1.20E-52	Impact	protein_coding	10.24	10.36	10.15	10.31	11.22	11.51	11.46	11.39
Up	ENSMUSG000000034593	1.13	1.00E-45	Myo5a	protein_coding	11.36	11.34	11.20	11.15	12.48	12.40	12.56	12.14
Up	ENSMUSG000000004267	1.13	1.41E-52	Eno2	protein_coding	11.29	11.17	11.20	11.14	12.35	12.45	12.35	12.17
Up	ENSMUSG000000019828	1.13	3.69E-49	Cnm1	protein_coding</								

Up	ENSMUSG00000020366	1.13	2.49E-39	Mapk9	protein_coding	10.11	10.14	10.17	10.28	11.13	11.33	11.51	11.22
Up	ENSMUSG00000027384	1.13	5.10E-29	Ndufaf5	protein_coding	7.60	7.51	7.55	7.26	8.61	8.66	8.58	8.53
Up	ENSMUSG00000028975	1.13	1.75E-24	Pex14	protein_coding	7.77	7.55	7.73	7.74	8.88	8.84	8.90	8.74
Up	ENSMUSG00000023266	1.13	4.62E-09	Frs3	protein_coding	6.43	6.65	6.39	6.70	7.90	7.70	7.34	7.59
Up	ENSMUSG00000054453	1.13	2.34E-14	Syt15	protein_coding	5.94	6.26	6.12	6.39	7.47	7.23	7.29	7.08
Up	ENSMUSG00000075702	1.13	4.06E-31	Selenom	protein_coding	8.35	8.14	8.47	8.27	9.59	9.39	9.41	9.32
Up	ENSMUSG00000037169	1.13	1.14E-12	Myo1	protein_coding	5.70	5.93	5.78	5.96	6.98	6.98	7.03	6.51
Up	ENSMUSG00000027195	1.13	6.14E-24	Hsd17b12	protein_coding	7.59	7.71	8.00	8.15	8.96	9.06	9.26	8.94
Up	ENSMUSG00000021141	1.13	1.29E-05	Pxdc1	protein_coding	5.21	5.38	5.48	5.44	6.32	6.63	6.11	6.58
Up	ENSMUSG00000027134	1.13	8.45E-36	Lpcat4	protein_coding	7.88	8.03	7.90	7.88	9.01	9.17	9.09	8.86
Up	ENSMUSG00000028883	1.13	4.73E-09	Sema3a	protein_coding	5.96	5.97	5.85	6.53	7.42	6.52	7.28	7.35
Up	ENSMUSG00000027951	1.13	3.30E-36	Adar	protein_coding	9.36	9.44	9.27	9.14	10.48	10.58	10.37	10.26
Up	ENSMUSG00000022555	1.13	4.81E-08	Dgat1	protein_coding	5.23	5.97	5.59	5.40	6.31	7.11	6.48	6.48
Up	ENSMUSG00000036333	1.12	1.95E-56	Kidins220	protein_coding	10.92	10.77	10.77	10.68	11.97	11.89	11.91	11.87
Up	ENSMUSG00000040018	1.12	8.65E-20	Cox15	protein_coding	7.56	7.44	7.27	7.23	8.64	8.23	8.67	8.35
Up	ENSMUSG00000005045	1.12	1.07E-48	Chd5	protein_coding	10.75	10.68	10.65	10.56	11.78	11.84	11.82	11.67
Up	ENSMUSG00000025266	1.12	7.07E-57	Gnl3	protein_coding	10.00	10.24	9.99	10.21	11.12	11.26	11.29	11.26
Up	ENSMUSG00000045975	1.12	5.45E-14	C2cd2	protein_coding	6.67	6.64	6.71	6.60	7.82	7.92	7.56	7.66
Up	ENSMUSG00000033597	1.12	6.04E-44	Caskin1	protein_coding	9.63	9.58	9.44	9.37	10.63	10.62	10.74	10.50
Up	ENSMUSG00000047495	1.12	2.29E-122	Dlgap2	protein_coding	9.47	9.45	9.50	9.42	10.62	10.58	10.57	10.52
Up	ENSMUSG00000029309	1.12	2.49E-49	Sparc1	protein_coding	12.40	12.42	12.35	12.26	13.53	13.46	13.58	13.31
Up	ENSMUSG00000115232	1.12	1.45E-14	Gm49378	protein_coding	7.57	7.60	7.61	7.28	8.48	8.51	8.92	8.52
Up	ENSMUSG00000023909	1.12	4.78E-25	Paqr4	protein_coding	8.51	8.44	8.40	8.27	9.80	9.58	9.25	9.36
Up	ENSMUSG00000001520	1.11	2.74E-14	Nrip2	protein_coding	6.69	6.52	6.54	6.83	7.91	7.68	7.81	7.51
Up	ENSMUSG00000020230	1.11	1.87E-19	Prrt2	protein_coding	8.09	8.22	8.15	8.09	8.87	9.45	9.26	9.32
Up	ENSMUSG00000002661	1.11	2.63E-05	Alkbh7	protein_coding	4.26	4.56	4.85	4.89	5.49	5.77	5.46	5.82
Up	ENSMUSG00000035969	1.11	1.33E-32	Rusc2	protein_coding	9.08	9.07	8.82	8.73	9.92	9.92	10.25	9.94
Up	ENSMUSG00000002844	1.11	1.63E-20	Adprh	protein_coding	7.86	7.66	8.09	7.90	8.89	8.83	9.16	9.03
Up	ENSMUSG00000035239	1.11	4.01E-03	Neu3	protein_coding	4.36	4.31	5.00	4.28	6.35	4.99	5.10	4.98
Up	ENSMUSG00000025475	1.11	1.76E-18	Adgra1	protein_coding	8.96	8.99	8.65	8.79	9.91	10.08	10.00	9.81
Up	ENSMUSG00000020664	1.11	3.06E-57	Did	protein_coding	8.90	8.95	8.98	8.98	10.02	10.10	10.20	9.87
Up	ENSMUSG00000034403	1.11	3.87E-67	Pja1	protein_coding	9.59	9.71	9.59	9.54	10.68	10.76	10.77	10.64
Up	ENSMUSG00000020374	1.11	6.39E-11	Rasgef1c	protein_coding	4.77	4.97	4.70	4.69	5.71	5.96	6.07	5.81
Up	ENSMUSG00000034936	1.11	1.97E-06	Arcp1	protein_coding	5.81	5.77	5.59	5.48	6.91	6.82	6.79	6.79
Up	ENSMUSG00000041632	1.10	3.42E-14	Mrs27	protein_coding	6.71	6.55	6.64	6.65	7.90	7.70	7.79	7.41
Up	ENSMUSG00000025964	1.10	5.65E-69	Adam23	protein_coding	9.99	10.07	10.15	10.12	11.16	11.17	11.34	11.04
Up	ENSMUSG00000019210	1.10	5.90E-60	Atp6v1e1	protein_coding	9.94	9.80	9.93	9.97	11.13	10.96	11.10	10.84
Up	ENSMUSG00000042524	1.10	4.34E-12	Sun2	protein_coding	6.98	7.03	6.97	6.69	8.32	7.94	7.85	7.85
Up	ENSMUSG00000021548	1.10	1.22E-23	Ccnh	protein_coding	7.82	7.97	7.95	8.08	9.01	8.98	9.25	8.92
Up	ENSMUSG00000042109	1.10	5.39E-19	Csdc2	protein_coding	9.17	9.24	8.82	9.05	10.26	10.43	9.83	10.11
Up	ENSMUSG00000040687	1.10	3.77E-43	Madd	protein_coding	10.11	10.04	9.94	9.75	11.04	11.13	11.16	10.93
Up	ENSMUSG00000001334	1.10	8.95E-34	Fndc5	protein_coding	9.25	9.25	9.30	9.11	10.36	10.45	10.37	10.09
Up	ENSMUSG00000034687	1.10	1.30E-19	Fras1	protein_coding	8.12	7.95	8.11	8.30	9.18	8.93	9.13	9.56
Up	ENSMUSG00000060716	1.10	3.13E-12	Plekhh1	protein_coding	8.10	7.59	8.17	7.96	9.49	8.51	8.99	9.09
Up	ENSMUSG00000062937	1.10	6.60E-10	Mtap	protein_coding	5.95	6.02	5.28	5.82	6.96	6.83	7.25	6.76
Up	ENSMUSG00000022636	1.10	3.99E-48	Alcam	protein_coding	9.61	9.69	9.50	9.50	10.69	10.69	10.83	10.76
Up	ENSMUSG00000020456	1.10	6.91E-57	Ogdh	protein_coding	10.12	9.97	10.12	10.00	11.17	11.03	11.22	10.97
Up	ENSMUSG00000027857	1.10	1.78E-03	Tshb	protein_coding	3.99	4.13	4.78	4.80	5.47	5.04	5.38	5.17
Up	ENSMUSG00000021983	1.10	7.24E-52	Atp8a2	protein_coding	8.96	9.06	8.88	9.01	10.11	10.16	10.05	9.96
Up	ENSMUSG00000018865	1.10	4.46E-53	Sult4a1	protein_coding	10.48	10.44	10.62	10.35	11.52	11.57	11.74	11.45
Up	ENSMUSG00000026797	1.10	8.65E-65	Stxbp1	protein_coding	11.58	11.64	11.66	11.58	12.71	12.72	12.85	12.55
Up	ENSMUSG00000005124	1.10	3.21E-04	Ccn4	protein_coding	3.81	4.17	3.60	4.28	4.59	4.64	5.33	4.85
Up	ENSMUSG00000074811	1.10	7.17E-05	Hps6	protein_coding	5.10	4.79	5.38	5.11	5.86	6.09	6.53	5.71
Up	ENSMUSG00000024966	1.09	1.14E-24	Stip1	protein_coding	9.74	9.62	9.24	9.34	10.76	10.68	10.52	10.35
Up	ENSMUSG00000015016	1.09	6.43E-16	Acsf3	protein_coding	5.85	6.12	5.98	5.98	7.06	7.02	7.08	6.94
Up	ENSMUSG00000027710	1.09	5.73E-19	Acad9	protein_coding	7.22	7.29	7.03	7.30	8.23	8.18	8.56	8.13
Up	ENSMUSG00000021699	1.09	4.86E-70	Pde4d	protein_coding	8.58	8.76	8.60	8.69	9.79	9.79	9.75	9.75
Up	ENSMUSG00000020900	1.09	6.72E-46	Myn10	protein_coding	10.76	10.53	10.64	10.51	11.83	11.86	11.76	11.55
Up	ENSMUSG00000025932	1.09	2.46E-36	Fto	protein_coding	9.79	9.67	9.75	9.75	10.75	10.74	11.04	10.73
Up	ENSMUSG00000053693	1.09	1.76E-30	Mas1	protein_coding	9.06	8.93	9.06	8.94	10.05	10.23	10.05	9.99
Up	ENSMUSG00000043441	1.09	3.04E-03	Gpr149	protein_coding	4.11	4.13	4.78	4.76	5.17	5.88	5.04	5.48
Up	ENSMUSG00000033460	1.09	3.10E-33	Armcx1	protein_coding	8.48	8.51	8.42	8.58	9.35	9.80	9.62	9.51
Up	ENSMUSG00000037977	1.09	1.51E-03	6430571L13Rik	protein_coding	4.84	4.74	3.89	4.96	5.29	5.80	5.86	5.50
Up	ENSMUSG00000005034	1.09	6.52E-40	Prkacb	protein_coding	10.79	10.92	10.72	11.01	11.79	12.03	11.98	12.00
Up	ENSMUSG00000048376	1.09	4.90E-04	F2r	protein_coding	4.82	5.10	5.04	4.96	5.73	6.38	5.70	5.96
Up	ENSMUSG00000043448	1.09	5.20E-04	Gjc2	protein_coding	5.89	5.50	5.86	6.15	7.39	6.12	6.52	7.22
Up	ENSMUSG00000020524	1.09	3.64E-54	Gria1	protein_coding	12.75	12.60	12.73	12.54	13.75	13.79	13.80	13.62
Up	ENSMUSG00000048142	1.09	6.80E-31	Nat8l	protein_coding	10.50	10.49	10.49	10.18	11.54	11.57	11.56	11.35
Up	ENSMUSG00000010914	1.09	4.36E-28	Pdhx	protein_coding	8.05	7.73	7.85	7.92	8.99	8.91	9.03	8.93
Up	ENSMUSG00000034488	1.09	4.85E-39	Edil3	protein_coding	9.24	9.19	9.08	9.31	10.45	10.17	10.27	10.26
Up	ENSMUSG00000020361	1.09	5.46E-71	Hspa4	protein_coding	10.31	10.18	10.11	10.14	11.31	11.21	11.36	11.17
Up	ENSMUSG00000028599	1.08	2.28E-32	Osbpl9	protein_coding	8.19	8.17	7.96	8.24	9.19	9.28	9.29	9.08
Up	ENSMUSG00000027943	1.08	2.92E-34	Vsmr2	protein_coding	8.56	8.27	8.52	8.37	9.37	9.44	9.36	9.58
Up	ENSMUSG00000021820	1.08	6.86E-47	Camk2g	protein_coding	9.85	9.65	9.89	9.72	10.88	10.99	11.03	10.84
Up	ENSMUSG00000027010	1.08	4.80E-39	Stc25a12	protein_coding	9.39	9.46	9.45	9.45	10.39	10.54	10.76	10.31
Up	ENSMUSG00000053297	1.08	2.20E-14	Alb54703	protein_coding	7.05	6.95	6.77	6.73	8.07	7.98	7.94	7.73
Up	ENSMUSG00000017740	1.08	7.51E-38	Slc12a5	protein_coding	10.77	10.49	10.63	10.45	11.74	11.69	11.67	11.57
Up	ENSMUSG00000028865	1.08	5.00E-03	Cd164i2	protein_coding	4.59	4.20	3.70	3.60	5.42	4.49	4.79	4.98
Up	ENSMUSG00000025175	1.08	3.69E-18	Fn3k	protein_coding	6.89	7.06	7.11	6.85	8.22	8.13	8.03	7.70
Up	ENSMUSG00000037625	1.08	1.97E-05	Cldn11	protein_coding	9.01	8.70	8.85	8.69	10.47	9.12	9.68	9.95
Up	ENSMUSG00000078185	1.08	3.58E-09	Chml	protein_coding	6.72	6.69	6.63	6.77	7.32	7.70	7.99	7.69
Up	ENSMUSG00000054708	1.07	4.42E-17	Ankrd24	protein_coding	7.21	7.21	7.11	7.31	7.95	8.17	8.41	8.49
Up	ENSMUSG00000024190	1.07	2.09E-07	Dusp1	protein_coding	6.12	6.71	6.04	6.62	7.07	7.69	7.62	7.62
Up	ENSMUSG00000042744	1.07	2.09E-46	Hectd4	protein_coding	11.07	10.92	10.87	10.83	11.94	12.06	11.96	12.02
Up	ENSMUSG00000006273	1.07	8.58E-90	Atp6v1b2	protein_coding	10.81	10.79	10.79	10.78	11.80	11.92	11.96	11.77
Up	ENSMUSG00000056900	1.07	2.24E-31	Usp13	protein_coding	7.80	7.83	7.39	7.51	8.63	8.69	8.66	8.63

Up	ENSMUSG00000004815	1.07	5.15E-21	Dgkq	protein_coding	7.13	7.15	7.20	7.16	8.15	8.26	8.24	8.19
Up	ENSMUSG000000031026	1.07	1.64E-18	Trim66	protein_coding	7.37	7.54	7.36	7.36	8.07	8.67	8.54	8.50
Up	ENSMUSG000000024542	1.07	2.27E-20	Cep192	protein_coding	6.30	6.44	6.77	6.67	7.45	7.49	7.72	7.71
Up	ENSMUSG000000009090	1.07	3.07E-33	Ap1b1	protein_coding	9.46	9.37	9.46	9.30	10.56	10.44	10.55	10.30
Up	ENSMUSG000000032452	1.07	1.48E-33	Cistin2	protein_coding	9.47	9.54	9.69	9.27	10.65	10.44	10.68	10.49
Up	ENSMUSG000000039354	1.07	1.65E-37	Smarca1	protein_coding	8.39	8.19	8.21	8.29	9.19	9.43	9.48	9.21
Up	ENSMUSG000000030718	1.07	3.45E-39	Plmn1	protein_coding	9.58	9.53	9.43	9.36	10.49	10.57	10.49	10.40
Up	ENSMUSG000000024740	1.07	3.39E-37	Ddb1	protein_coding	9.39	9.25	9.20	9.16	10.35	10.25	10.44	10.21
Up	ENSMUSG000000002379	1.07	1.99E-15	Ndufa11	protein_coding	7.90	7.91	7.85	7.96	9.11	8.82	9.13	8.76
Up	ENSMUSG000000071266	1.07	1.64E-11	Zfp946	protein_coding	6.29	6.61	6.57	6.63	7.34	7.75	7.68	7.45
Up	ENSMUSG000000045237	1.07	7.09E-04	1110012L19Rik	protein_coding	5.10	4.58	4.80	4.91	5.32	6.06	6.14	5.60
Up	ENSMUSG000000025007	1.07	4.37E-14	Aldh18a1	protein_coding	6.20	6.20	6.33	6.54	7.21	7.36	7.42	7.41
Up	ENSMUSG000000029547	1.06	6.57E-34	Ints1	protein_coding	8.26	8.24	8.21	8.29	9.41	9.26	9.35	9.21
Up	ENSMUSG000000038267	1.06	5.96E-32	Slc22a23	protein_coding	8.53	8.32	8.47	8.28	9.39	9.42	9.64	9.35
Up	ENSMUSG000000037846	1.06	1.88E-07	Rtkn2	protein_coding	5.23	5.00	4.89	5.44	6.34	5.71	6.31	6.09
Up	ENSMUSG000000060279	1.06	7.21E-41	Ap2a1	protein_coding	9.86	9.93	9.93	9.70	10.93	10.94	10.94	10.86
Up	ENSMUSG000000032313	1.06	9.66E-05	Tmem266	protein_coding	5.08	5.25	4.52	5.40	6.56	6.03	5.56	5.95
Up	ENSMUSG000000024944	1.06	5.89E-17	Arl2	protein_coding	7.12	7.39	7.41	7.23	8.53	8.30	8.23	8.27
Up	ENSMUSG000000045532	1.06	1.77E-08	Ctcf1	protein_coding	5.78	6.10	5.81	5.98	7.21	6.91	6.66	6.90
Up	ENSMUSG000000061904	1.06	7.59E-41	Slc25a3	protein_coding	10.06	10.05	9.92	9.92	10.94	11.17	11.17	10.89
Up	ENSMUSG000000047988	1.06	2.68E-15	4933428G20Rik	protein_coding	6.51	6.27	6.39	6.11	7.50	7.06	7.52	7.27
Up	ENSMUSG000000035202	1.06	2.03E-09	Lars2	protein_coding	11.96	11.95	11.98	12.08	13.38	12.71	13.24	12.77
Up	ENSMUSG000000013367	1.06	2.94E-17	Igln5	protein_coding	7.62	7.35	7.64	7.37	8.67	8.56	8.58	8.35
Up	ENSMUSG000000038664	1.06	3.78E-42	Herc1	protein_coding	10.55	10.51	10.43	10.44	11.52	11.55	11.44	11.64
Up	ENSMUSG000000025613	1.06	5.92E-29	Cct8	protein_coding	9.02	9.12	8.92	9.06	10.06	10.25	10.01	10.00
Up	ENSMUSG000000019505	1.06	3.57E-18	Ubb	protein_coding	11.14	11.09	11.07	11.00	12.22	11.99	12.25	12.04
Up	ENSMUSG000000038462	1.06	4.19E-44	Uqcrls1	protein_coding	8.74	8.73	8.82	8.65	9.70	9.94	9.78	9.72
Up	ENSMUSG000000038429	1.06	1.65E-40	Usp5	protein_coding	9.10	9.04	9.03	8.85	9.95	10.06	10.13	10.07
Up	ENSMUSG000000023456	1.06	1.41E-85	Tpi1	protein_coding	10.26	10.36	10.26	10.21	11.30	11.36	11.38	11.26
Up	ENSMUSG000000034714	1.06	1.62E-09	Tyh2	protein_coding	7.67	7.66	7.84	7.42	9.06	7.93	8.67	8.88
Up	ENSMUSG000000025855	1.06	4.45E-41	Prkar1b	protein_coding	11.02	11.09	10.97	10.82	11.93	12.13	12.13	11.92
Up	ENSMUSG000000045929	1.06	2.54E-06	Gm20715	protein_coding	5.34	5.28	5.40	5.12	6.13	5.89	6.40	6.36
Up	ENSMUSG000000022629	1.06	1.06E-51	Klf21a	protein_coding	10.85	10.60	10.65	10.61	11.80	11.70	11.75	11.69
Up	ENSMUSG000000007470	1.05	1.15E-42	Igfb1	protein_coding	8.57	8.32	8.41	8.35	9.50	9.47	9.54	9.51
Up	ENSMUSG000000040472	1.05	4.98E-07	Rabggt2	protein_coding	6.44	6.61	6.57	6.21	7.73	7.19	7.84	7.01
Up	ENSMUSG000000050705	1.05	1.47E-27	2310061104Rik	protein_coding	7.45	7.62	7.55	7.53	8.46	8.53	8.73	8.58
Up	ENSMUSG000000027254	1.05	1.25E-26	Map1a	protein_coding	12.85	12.64	12.67	12.43	13.91	13.63	13.79	13.47
Up	ENSMUSG000000003234	1.05	2.52E-23	Abcf3	protein_coding	7.64	7.59	7.84	7.47	8.75	8.62	8.78	8.61
Up	ENSMUSG000000037410	1.05	6.45E-18	Tbc1d2b	protein_coding	6.54	6.51	6.35	6.69	7.57	7.37	7.65	7.58
Up	ENSMUSG000000044252	1.05	6.90E-40	Ospbl1a	protein_coding	9.98	10.14	9.94	10.03	11.18	10.95	11.17	10.97
Up	ENSMUSG000000039648	1.05	1.17E-06	Kyat1	protein_coding	5.19	4.95	5.68	5.22	6.23	6.18	6.59	5.95
Up	ENSMUSG000000019647	1.05	1.46E-13	Sema6a	protein_coding	8.03	7.95	8.14	8.44	9.32	8.77	9.16	9.45
Up	ENSMUSG000000021700	1.05	7.58E-45	Rab3c	protein_coding	11.90	11.96	11.80	11.89	12.86	13.02	13.02	12.85
Up	ENSMUSG000000061013	1.05	2.08E-12	Mxk	protein_coding	6.39	6.45	6.45	6.70	7.55	7.81	7.42	7.38
Up	ENSMUSG000000015806	1.05	1.97E-15	Qdpr	protein_coding	9.22	8.94	9.22	9.19	10.43	9.61	10.19	10.41
Up	ENSMUSG000000001666	1.05	8.14E-12	Ddt1	protein_coding	6.66	6.43	6.57	6.37	7.33	7.56	7.86	7.27
Up	ENSMUSG0000000023937	1.05	1.97E-09	Plec3	protein_coding	5.53	5.52	5.26	5.76	6.80	6.54	6.88	6.48
Up	ENSMUSG000000020189	1.05	6.27E-54	Ospbl8	protein_coding	9.32	9.46	9.35	9.52	10.35	10.57	10.50	10.39
Up	ENSMUSG000000021476	1.05	2.17E-80	Habp4	protein_coding	10.67	10.74	10.69	10.56	11.70	11.76	11.75	11.63
Up	ENSMUSG000000031782	1.05	1.89E-19	Cog9	protein_coding	7.58	7.57	8.00	7.77	8.66	8.92	8.85	8.64
Up	ENSMUSG000000063687	1.05	3.95E-03	Pcdhb5	protein_coding	4.70	4.64	4.34	4.91	5.99	5.38	5.04	5.75
Up	ENSMUSG000000050947	1.05	9.37E-32	Amigo1	protein_coding	9.14	9.16	9.09	8.94	10.21	10.18	10.10	9.99
Up	ENSMUSG000000029148	1.04	4.19E-40	Nrbp1	protein_coding	8.24	8.30	8.29	8.28	9.28	9.29	9.43	9.20
Up	ENSMUSG000000000308	1.04	1.63E-28	Ckmt1	protein_coding	9.48	9.59	9.41	9.39	10.50	10.56	10.41	10.56
Up	ENSMUSG000000028680	1.04	4.63E-07	Plk3	protein_coding	5.55	6.15	5.85	5.46	6.56	7.17	6.59	6.64
Up	ENSMUSG000000025757	1.04	7.77E-34	Hspa4l	protein_coding	10.30	10.40	9.92	10.07	11.29	11.34	11.19	11.07
Up	ENSMUSG000000028431	1.04	6.07E-47	Efp1	protein_coding	7.86	7.79	7.71	7.81	8.73	8.79	8.94	8.83
Up	ENSMUSG000000038886	1.04	3.24E-82	Man2a2	protein_coding	10.08	10.19	10.06	10.02	11.17	11.11	11.17	11.05
Up	ENSMUSG000000004446	1.04	2.36E-10	Bid1	protein_coding	6.22	6.12	6.65	5.97	7.31	7.09	7.42	7.22
Up	ENSMUSG000000041606	1.04	1.15E-06	Entpd3	protein_coding	5.34	5.58	5.26	5.38	6.05	6.26	6.81	6.20
Up	ENSMUSG000000036026	1.04	1.64E-52	Tmem63b	protein_coding	8.82	8.87	8.88	8.85	9.95	9.69	9.96	9.75
Up	ENSMUSG000000028224	1.04	7.49E-13	Nbn	protein_coding	6.62	6.76	6.64	6.45	7.81	7.66	7.29	7.69
Up	ENSMUSG000000029126	1.04	2.70E-28	Nsg1	protein_coding	9.75	9.73	9.77	9.68	10.54	10.91	10.88	10.72
Up	ENSMUSG000000027359	1.04	2.71E-09	Slc27a2	protein_coding	5.79	5.38	5.59	5.14	6.48	6.53	6.29	6.53
Up	ENSMUSG000000034949	1.04	6.06E-13	Zfr2	protein_coding	7.74	7.89	7.81	7.56	8.95	8.93	8.57	8.61
Up	ENSMUSG000000032855	1.04	3.67E-36	Pkd1	protein_coding	9.07	8.75	8.79	8.79	9.89	9.96	9.91	10.00
Up	ENSMUSG000000062591	1.04	7.68E-16	Tubb4a	protein_coding	11.40	11.26	11.39	11.42	12.34	12.11	12.55	12.57
Up	ENSMUSG000000021278	1.04	1.20E-03	Amn	protein_coding	3.95	4.27	4.49	3.98	5.07	5.52	4.95	4.46
Up	ENSMUSG000000025151	1.03	9.86E-29	Maged1	protein_coding	10.56	10.50	10.52	10.39	11.44	11.66	11.57	11.43
Up	ENSMUSG000000026830	1.03	1.35E-11	Ernn	protein_coding	9.15	9.06	8.76	9.14	10.43	9.52	10.31	10.30
Up	ENSMUSG0000000027371	1.03	1.28E-07	Fahd2a	protein_coding	5.74	5.80	5.45	5.57	6.76	6.60	6.51	6.58
Up	ENSMUSG000000060450	1.03	6.01E-41	Rnf14	protein_coding	10.85	10.81	10.73	10.76	11.75	11.93	11.82	11.77
Up	ENSMUSG000000003957	1.03	6.31E-06	Sh2b2	protein_coding	5.41	5.02	5.14	5.14	6.56	6.07	6.11	6.11
Up	ENSMUSG00000000364222	1.03	9.82E-14	Pcdhb6	protein_coding	7.54	7.50	7.65	7.39	8.40	8.03	8.48	8.78
Up	ENSMUSG000000021994	1.03	5.31E-13	Wnt5a	protein_coding	6.58	6.90	6.57	6.49	7.77	7.44	7.76	7.46
Up	ENSMUSG000000052337	1.03	1.20E-29	Immt	protein_coding	9.06	9.14	8.93	8.88	10.13	9.93	10.14	9.91
Up	ENSMUSG000000039699	1.03	2.51E-06	Batf2	protein_coding	4.95	5.44	5.43	5.42	6.31	6.14	6.42	6.15
Up	ENSMUSG000000043940	1.03	1.41E-33	Wdfy3	protein_coding	10.88	10.81	10.73	10.72	11.84	11.75	11.85	11.82
Up	ENSMUSG000000038264	1.03	2.46E-24	Sema7a	protein_coding	8.84	8.55	8.96	8.61	9.88	9.76	9.89	9.53
Up	ENSMUSG000000038453	1.03	1.19E-58	Scrn1	protein_coding	10.82	10.78	10.79	10.74	11.86	11.78	11.88	11.72
Up	ENSMUSG000000025905	1.03	4.15E-03	Oprk1	protein_coding	4.29	4.13	4.46	4.34	5.34	5.34	5.87	4.74
Up	ENSMUSG000000074582	1.03	1.15E-36	Arfgf2	protein_coding	8.79	8.90	8.81	8.94	9.97	9.95	9.78	9.81
Up	ENSMUSG000000010057	1.03	8.31E-09	Npri2	protein_coding	6.50	6.05	6.14	6.21	7.21	7.10	7.44	7.00
Up	ENSMUSG000000024430	1.03	1.44E-04	Cabyr	protein_coding	5.53	5.77	5.27	5.50	5.59	7.27	6.31	6.27
Up	ENSMUSG000000020086	1.03	1.14E-13	H2afy2	protein_coding	6.27	6.61	6.23	6.46	7.61	7.27	7.15	7.36
Up	ENSMUSG000000015656	1.03	9.70E										

Up	ENSMUSG00000022571	1.03	1.28E-06	Pycl1	protein_coding	5.65	5.66	5.53	5.70	6.91	6.80	6.04	6.50
Up	ENSMUSG00000035849	1.02	2.22E-21	Krt222	protein_coding	8.59	8.56	8.78	8.46	9.68	9.50	9.76	9.52
Up	ENSMUSG00000042105	1.02	6.31E-54	Inpp5f	protein_coding	9.49	9.55	9.63	9.61	10.58	10.55	10.74	10.49
Up	ENSMUSG000000027194	1.02	2.39E-24	Ttc17	protein_coding	7.62	7.60	7.91	7.78	8.80	8.52	8.91	8.72
Up	ENSMUSG000000043311	1.02	4.16E-10	D17H6SS3E	protein_coding	6.18	6.39	6.26	6.05	7.47	7.11	7.23	6.98
Up	ENSMUSG000000007476	1.02	3.37E-36	Lrrc8a	protein_coding	8.76	8.84	8.84	8.55	9.86	9.82	9.81	9.57
Up	ENSMUSG000000036588	1.02	6.08E-16	Clec2l	protein_coding	7.59	7.65	7.67	7.44	8.42	8.25	8.42	8.40
Up	ENSMUSG000000044149	1.02	3.71E-18	Nkrf	protein_coding	7.26	7.32	7.16	7.39	8.25	8.24	8.36	8.30
Up	ENSMUSG000000052928	1.02	6.64E-24	Ctlf	protein_coding	9.50	9.48	9.56	9.23	10.48	10.56	10.51	10.30
Up	ENSMUSG000000041303	1.02	2.74E-21	Gf3c3	protein_coding	7.32	7.60	7.23	7.37	8.39	8.56	8.40	8.19
Up	ENSMUSG000000038256	1.02	4.63E-90	Bcl9	protein_coding	9.04	9.00	9.03	9.00	10.07	10.03	10.10	9.94
Up	ENSMUSG000000034854	1.02	3.54E-17	Mfsd12	protein_coding	7.50	7.40	7.58	7.43	8.60	8.54	8.55	8.22
Up	ENSMUSG000000062526	1.02	9.83E-27	Mppe1	protein_coding	7.87	8.24	7.97	8.18	8.97	9.17	9.18	8.99
Up	ENSMUSG00000001380	1.02	1.19E-35	Hars	protein_coding	8.86	8.69	8.94	8.81	9.92	9.87	9.87	9.69
Up	ENSMUSG000000096054	1.02	8.81E-29	Syne1	protein_coding	12.44	12.34	12.31	12.25	13.32	13.30	13.18	13.60
Up	ENSMUSG000000020843	1.02	1.06E-09	Timm22	protein_coding	6.97	6.63	6.66	6.88	7.59	7.92	7.93	7.67
Up	ENSMUSG000000002010	1.02	1.88E-35	Idh3g	protein_coding	8.22	8.27	8.13	8.21	9.16	9.24	9.39	9.07
Up	ENSMUSG000000003644	1.02	8.11E-08	Rps8ka1	protein_coding	6.22	5.88	5.86	6.18	6.78	6.77	7.43	6.99
Up	ENSMUSG0000000054013	1.02	1.22E-47	Tmem179	protein_coding	8.14	8.22	8.33	8.09	9.18	9.16	9.31	9.16
Up	ENSMUSG000000042529	1.02	1.07E-05	Kcnj12	protein_coding	5.82	6.06	5.40	5.48	6.86	6.74	6.30	6.74
Up	ENSMUSG000000079020	1.02	5.67E-25	Slc45a4	protein_coding	8.70	8.36	8.25	8.32	9.53	9.35	9.27	9.27
Up	ENSMUSG000000042148	1.02	2.60E-19	Cox10	protein_coding	7.06	7.04	7.14	7.07	8.25	8.24	7.91	7.86
Up	ENSMUSG000000029752	1.02	1.32E-15	Asns	protein_coding	7.87	8.04	7.89	7.82	8.76	8.84	9.28	8.68
Up	ENSMUSG000000052364	1.02	2.73E-13	B630019K06Rik	protein_coding	7.29	7.37	6.99	7.31	8.33	8.40	8.15	8.08
Up	ENSMUSG000000019087	1.02	8.88E-31	Atp6ap1	protein_coding	9.42	9.44	9.39	9.38	10.36	10.52	10.53	10.25
Up	ENSMUSG000000017167	1.02	2.05E-22	Cntnap1	protein_coding	9.85	9.66	9.76	9.59	10.72	10.71	10.94	10.52
Up	ENSMUSG000000036242	1.02	5.32E-13	Armh4	protein_coding	7.84	8.05	7.54	7.76	9.06	9.02	8.49	8.61
Up	ENSMUSG000000005611	1.02	6.11E-03	Mrv1	protein_coding	4.77	5.08	4.65	5.09	5.69	6.53	5.52	5.20
Up	ENSMUSG000000022477	1.01	5.98E-58	Aco2	protein_coding	10.55	10.42	10.51	10.31	11.46	11.48	11.57	11.32
Up	ENSMUSG000000056296	1.01	2.77E-29	Synpr	protein_coding	8.52	8.71	8.68	8.61	9.53	9.62	9.76	9.63
Up	ENSMUSG000000109324	1.01	1.67E-22	Prmt1	protein_coding	7.50	7.44	7.58	7.52	8.44	8.59	8.65	8.33
Up	ENSMUSG000000020949	1.01	4.11E-59	Fkbp3	protein_coding	9.31	9.46	9.45	9.47	10.33	10.52	10.48	10.39
Up	ENSMUSG000000024474	1.01	1.07E-40	Ik	protein_coding	9.25	9.29	9.23	9.16	10.33	10.22	10.26	10.14
Up	ENSMUSG000000036748	1.01	1.38E-26	Cuedc2	protein_coding	8.45	8.41	8.52	8.46	9.44	9.46	9.55	9.41
Up	ENSMUSG000000005980	1.01	1.83E-08	Dnase1	protein_coding	5.86	5.55	5.48	5.54	6.47	6.89	6.43	6.41
Up	ENSMUSG000000033152	1.01	1.47E-47	Podxl2	protein_coding	9.35	9.36	9.46	9.15	10.37	10.26	10.42	10.31
Up	ENSMUSG000000023092	1.01	3.52E-22	Fhl1	protein_coding	7.92	7.75	7.77	8.12	8.83	8.71	9.14	8.87
Up	ENSMUSG000000029557	1.01	4.95E-04	Mrm2	protein_coding	4.77	5.00	4.70	5.71	6.58	5.87	5.84	5.66
Up	ENSMUSG000000032115	1.01	8.91E-20	Hyou1	protein_coding	9.08	8.99	8.76	8.82	10.02	9.89	9.98	9.79
Up	ENSMUSG000000071176	1.01	8.00E-15	Arhgef10	protein_coding	8.32	8.30	8.27	8.04	9.65	8.91	9.16	9.12
Up	ENSMUSG000000020048	1.01	2.47E-22	Hsp90b1	protein_coding	11.05	10.84	10.55	10.69	12.03	11.80	11.66	11.70
Up	ENSMUSG000000009731	1.01	1.04E-06	Kcnd1	protein_coding	5.82	6.01	5.86	6.02	7.12	7.03	6.73	6.62
Up	ENSMUSG000000024777	1.01	9.73E-32	Ppp2r5b	protein_coding	9.28	9.22	9.38	9.20	10.24	10.24	10.41	10.21
Up	ENSMUSG000000034216	1.01	3.46E-14	Vps18	protein_coding	6.89	7.37	7.06	7.08	8.10	7.90	8.32	8.04
Up	ENSMUSG000000040356	1.01	6.81E-20	Skiv2l	protein_coding	7.25	7.49	7.52	7.32	8.25	8.39	8.47	8.30
Up	ENSMUSG000000039661	1.01	9.14E-25	Dusp26	protein_coding	8.31	8.54	8.19	8.31	9.51	9.20	9.20	9.44
Up	ENSMUSG000000074909	1.01	4.93E-16	Rantap9	protein_coding	8.04	8.07	7.56	7.99	9.03	8.92	8.82	8.82
Up	ENSMUSG000000036636	1.01	3.14E-15	Clec7	protein_coding	7.81	7.37	7.30	7.30	8.42	8.41	8.56	8.42
Up	ENSMUSG000000033430	1.01	1.05E-16	Terf2ip	protein_coding	8.36	8.29	8.42	8.33	9.09	9.25	9.60	9.40
Up	ENSMUSG000000030612	1.01	1.64E-10	Mrp46	protein_coding	7.29	6.96	7.12	7.26	8.02	8.16	8.42	7.96
Up	ENSMUSG000000056553	1.01	1.13E-48	Ptpm2	protein_coding	10.90	10.84	10.74	10.66	11.75	11.88	11.77	11.76
Up	ENSMUSG000000075033	1.01	7.63E-20	Nxpe3	protein_coding	7.55	7.56	7.60	7.49	8.55	8.67	8.68	8.22
Up	ENSMUSG000000056394	1.01	3.03E-07	Lig1	protein_coding	5.95	5.84	5.83	6.38	7.05	6.99	7.06	6.83
Up	ENSMUSG000000035864	1.01	9.10E-49	Syt1	protein_coding	12.98	12.99	12.85	12.80	13.88	13.97	14.00	13.80
Up	ENSMUSG000000025189	1.01	3.94E-36	Cnrm1	protein_coding	9.48	9.49	9.48	9.33	10.42	10.38	10.68	10.29
Up	ENSMUSG000000030847	1.01	3.53E-05	Bag3	protein_coding	6.41	5.75	5.77	5.67	7.10	6.91	6.74	6.78
Up	ENSMUSG000000030609	1.00	5.45E-06	Aen	protein_coding	6.97	6.79	7.00	6.76	7.96	7.35	8.19	7.82
Up	ENSMUSG000000026864	1.00	8.53E-14	Hspa5	protein_coding	10.07	9.75	9.29	9.69	10.94	10.87	10.47	10.57
Up	ENSMUSG000000021288	1.00	1.12E-55	Klc1	protein_coding	11.78	11.72	11.72	11.65	12.73	12.71	12.86	12.58
Up	ENSMUSG000000025384	1.00	3.24E-08	Faap100	protein_coding	6.09	5.95	5.69	5.77	7.09	6.84	6.69	6.69
Up	ENSMUSG000000030704	1.00	7.77E-45	Raba6	protein_coding	11.50	11.59	11.60	11.54	12.58	12.56	12.70	12.38
Up	ENSMUSG000000009035	1.00	2.07E-23	Tmem184b	protein_coding	8.55	8.62	8.38	8.40	9.37	9.45	9.75	9.32
Up	ENSMUSG000000031428	1.00	1.70E-41	Zcchc18	protein_coding	9.69	9.63	9.70	9.63	10.50	10.69	10.78	10.66
Up	ENSMUSG000000033579	1.00	5.25E-08	Fa2h	protein_coding	7.56	7.42	7.55	7.44	8.93	7.95	8.13	8.69
Up	ENSMUSG000000024413	1.00	5.43E-32	Npc1	protein_coding	7.99	7.89	8.02	7.71	8.98	8.83	8.93	8.83
Up	ENSMUSG000000026458	1.00	2.00E-24	Ppfla4	protein_coding	9.58	9.61	9.59	9.51	10.50	10.57	10.71	10.50

All Differentially expressed genes_DeSeq2, FDR cutoff, 0.01 Fold difference, 2

Regulation	Ensembl ID	log2 Fold Change	Adj.Pval	Symbol	Type	RiboMutINPUT1	RiboMutINPUT2	RiboMutINPUT3	RiboMutINPUT4	RiboMutIP1	RiboMutIP2	RiboMutIP3	RiboMutIP4
Up	ENSMUSG000000087563	4.05	9.29E-234	Gm14205	antisense	6.88	6.41	6.63	6.44	10.69	10.47	10.74	10.44
Up	ENSMUSG000000097274	1.79	1.84E-193	Gm47512	antisense	10.04	9.91	10.04	9.92	11.73	11.82	11.80	11.71
Down	ENSMUSG000000087185	-2.95	1.50E-175	Gm13872	antisense	10.46	10.51	10.46	10.29	7.46	7.69	7.10	7.72
Up	ENSMUSG000000086741	3.46	6.51E-139	Gm29316	antisense	6.51	6.33	6.29	6.29	9.98	9.97	9.92	9.92
Up	ENSMUSG000000107999	1.81	1.10E-109	Gm44123	antisense	8.66	8.68	8.57	8.42	10.36	10.39	10.54	10.20
Up	ENSMUSG000000086900	3.38	1.25E-86	Konab3os	antisense	5.15	5.14	5.38	5.07	8.66	8.39	8.41	8.20
Up	ENSMUSG000000097006	1.45	1.00E-83	9530082P21Rik	antisense	8.31	8.15	8.25	8.23	9.72	9.74	9.70	9.70
Down	ENSMUSG000000097414	-1.87	7.66E-81	B130046B21Rik	antisense	10.85	10.66	10.75	10.46	8.89	8.80	8.84	8.77
Up	ENSMUSG000000112652	1.70	2.31E-79	4921516A02Rik	antisense	8.39	8.40	8.40	8.12	10.04	10.07	10.10	9.80
Up	ENSMUSG000000090907	2.88	6.01E-74	C030017D09Rik	antisense	5.04	5.31	4.73	4.91	7.65	7.64	7.64	7.78
Down	ENSMUSG000000045238	-3.79	3.09E-71	A730035I17Rik	antisense	7.37	7.25	7.47	7.31	3.56	3.84	4.07	3.57
Up	ENSMUSG000000086796	1.90	3.73E-65	4932702P03Rik	antisense	7.33	7.16	7.21	7.01	9.00	9.18	9.17	8.83
Down	ENSMUSG000000087341	-2.61	7.71E-60	0610040F04Rik	antisense	6.79	6.78	6.57	6.76	4.59	3.84	4.45	4.53
Down	ENSMUSG000000097535	-2.39	7.55E-59	Gm26592	antisense	8.70	8.68	8.83	8.55	6.03	6.34	6.06	6.86
Down	ENSMUSG000000086544	-1.20	7.61E-59	Chn1os3	antisense	10.55	10.52	10.44	10.52	9.15	9.33	9.10	9.36
Down	ENSMUSG000000091390	-1.82	6.02E-59	Gm17168	antisense	8.63	8.62	8.69	8.57	6.47	6.97	7.03	6.85
Down	ENSMUSG000000104927	-1.02	9.59E-55	B230334C09Rik	antisense	9.75	9.79	9.81	9.79	8.57	8.91	8.90	8.79
Up	ENSMUSG000000084946	2.15	4.51E-50	Dk1tas	antisense	6.32	6.29						

Up	ENSMUSG00000087301	2.56	4.37E-44	Gm13629	antiseense	5.55	5.53	5.52	5.52	8.10	7.99	8.15	7.66
Down	ENSMUSG00000084849	-1.48	1.10E-41	Gm16105	antiseense	8.24	8.61	8.59	8.49	7.24	7.04	6.78	7.04
Up	ENSMUSG00000108832	1.46	3.77E-41	Gm44832	antiseense	7.67	7.65	7.91	7.59	9.02	9.45	9.15	8.93
Down	ENSMUSG00000103217	-3.39	2.45E-39	Gm38287	antiseense	6.26	6.68	6.64	6.75	3.60	4.32	2.86	3.57
Up	ENSMUSG00000087515	1.90	3.93E-39	Gm13554	antiseense	6.51	6.29	6.23	6.08	8.15	8.19	8.11	8.02
Up	ENSMUSG00000097546	1.34	4.83E-38	Gm26749	antiseense	6.30	6.42	6.08	6.47	7.58	7.51	7.59	7.79
Up	ENSMUSG00000115923	-1.34	1.46E-37	Gm49521	antiseense	6.98	7.29	7.38	7.08	6.34	6.35	6.47	6.24
Down	ENSMUSG00000110588	-3.91	4.78E-37	Gm45774	antiseense	8.73	9.03	8.89	8.84	4.06	5.43	5.00	5.59
Up	ENSMUSG00000091816	3.29	7.33E-37	Gm17141	antiseense	4.65	4.61	4.09	4.12	7.46	7.63	6.93	7.49
Up	ENSMUSG00000110455	2.33	2.73E-36	Gm45904	antiseense	5.15	5.44	4.93	4.96	7.28	7.36	7.51	7.13
Down	ENSMUSG00000086155	-1.57	1.61E-34	9430041J12Rik	antiseense	7.78	7.47	7.55	7.57	6.23	6.20	5.95	5.95
Down	ENSMUSG00000079045	-2.31	6.17E-34	Prox1os	antiseense	6.21	6.48	6.52	6.38	4.54	4.01	4.19	4.55
Down	ENSMUSG00000085837	-1.78	3.17E-33	Kcnmb4os2	antiseense	8.38	8.43	8.54	8.30	7.01	6.25	6.95	6.30
Down	ENSMUSG00000110279	-1.15	1.26E-32	Gm45552	antiseense	8.76	8.57	8.58	8.69	7.28	7.75	7.47	7.53
Up	ENSMUSG00000092381	1.54	1.96E-32	Gm20512	antiseense	6.86	6.65	6.77	6.56	8.40	7.90	8.38	8.13
Up	ENSMUSG00000086418	1.52	2.11E-32	Gm13362	antiseense	5.74	6.04	5.86	5.81	7.14	7.31	7.48	7.30
Down	ENSMUSG00000055048	-1.88	4.45E-32	Gm9962	antiseense	8.09	8.06	8.25	8.00	6.37	6.22	6.48	5.98
Up	ENSMUSG00000110138	1.13	1.80E-31	4831440D22Rik	antiseense	7.20	7.05	7.11	7.11	8.01	8.23	8.30	8.30
Up	ENSMUSG00000110630	1.18	3.40E-31	K230015D01Rik	antiseense	7.46	7.30	7.40	7.14	8.44	8.60	8.45	8.46
Down	ENSMUSG00000087541	-2.23	1.58E-30	Hopxos	antiseense	7.61	7.30	7.14	7.54	4.88	5.27	5.66	5.27
Down	ENSMUSG00000085001	-1.01	5.11E-30	Rapgef4os2	antiseense	9.48	9.30	9.34	9.25	8.23	8.50	8.23	8.23
Up	ENSMUSG00000085779	1.31	1.15E-29	Alcayos	antiseense	7.40	7.54	7.44	7.21	8.85	8.75	8.77	8.34
Down	ENSMUSG00000087095	-3.14	6.22E-29	Emx2os	antiseense	6.50	6.21	6.70	6.48	2.97	4.54	3.30	3.78
Up	ENSMUSG00000109341	1.35	2.20E-28	Gm30873	antiseense	6.61	6.56	6.85	6.49	7.84	8.05	8.00	7.87
Up	ENSMUSG00000097419	2.20	3.40E-28	Gm26666	antiseense	5.89	5.91	5.50	5.94	8.37	8.10	7.57	7.54
Down	ENSMUSG00000086259	-2.67	2.32E-27	Tmem150cos	antiseense	5.78	6.37	5.95	6.02	3.81	4.04	3.24	3.92
Up	ENSMUSG00000086740	1.10	1.35E-25	Gm17029	antiseense	7.39	7.15	7.37	7.30	8.37	8.32	8.48	8.35
Down	ENSMUSG00000087526	-1.53	1.55E-25	Gm15738	antiseense	6.85	6.61	6.94	6.50	5.46	5.34	4.81	5.51
Down	ENSMUSG00000090208	-3.74	9.94E-24	Gm15851	antiseense	6.73	6.29	5.90	6.73	2.90	3.43	2.54	4.08
Down	ENSMUSG00000097466	-1.95	1.89E-23	D430036J16Rik	antiseense	6.12	6.29	5.75	5.96	4.03	4.13	4.50	4.55
Up	ENSMUSG00000090063	1.70	5.40E-23	Dlx6os1	antiseense	7.71	7.57	7.67	7.71	9.16	9.29	9.61	9.29
Up	ENSMUSG00000108043	1.41	5.99E-23	Zim3	antiseense	6.95	7.31	7.35	7.19	9.10	8.80	8.65	8.75
Up	ENSMUSG00000092375	1.96	2.25E-22	A730060N03Rik	antiseense	5.12	5.75	5.77	5.20	8.10	8.10	6.96	7.10
Down	ENSMUSG00000104569	-1.33	3.48E-22	Gm43116	antiseense	7.61	7.13	7.59	6.26	6.07	6.07	6.04	6.30
Down	ENSMUSG00000087115	-1.07	4.98E-22	Pesk2os2	antiseense	7.25	7.27	7.18	7.11	6.00	6.33	6.02	6.30
Down	ENSMUSG00000104283	-1.11	5.03E-22	Gm37459	antiseense	9.15	9.16	9.27	9.02	7.94	9.02	7.71	7.94
Up	ENSMUSG00000110020	1.47	1.12E-21	Gm45441	antiseense	6.24	6.20	5.91	6.13	7.62	7.61	7.49	7.44
Down	ENSMUSG00000020164	-1.74	3.26E-21	Kcnmb4os1	antiseense	7.31	7.48	7.60	7.31	6.12	5.50	6.09	5.13
Up	ENSMUSG00000086527	2.38	8.61E-21	Gm15856	antiseense	4.82	4.95	4.85	4.87	6.98	7.14	7.21	7.00
Down	ENSMUSG00000097750	-2.20	9.13E-21	Gm4673	antiseense	5.76	6.02	5.91	5.99	4.25	3.69	3.35	4.55
Up	ENSMUSG00000086717	2.93	1.44E-20	Gm15655	antiseense	3.38	4.01	4.49	4.55	7.08	6.72	6.83	6.55
Down	ENSMUSG00000084911	-2.34	2.44E-20	Gm16185	antiseense	5.58	6.18	5.37	6.23	4.01	3.59	3.70	3.70
Down	ENSMUSG00000097915	-2.44	2.62E-20	A33009N23Rik	antiseense	5.08	5.35	5.78	5.58	3.85	3.52	3.19	3.44
Down	ENSMUSG00000097267	-3.27	9.71E-19	1700109K24Rik	antiseense	4.48	4.58	4.54	5.09	2.44	2.09	2.93	2.99
Down	ENSMUSG00000097745	-1.97	1.30E-18	Al115009	antiseense	7.03	6.85	7.31	6.98	5.70	5.70	5.00	5.14
Down	ENSMUSG00000103502	-2.01	1.76E-18	9330121J05Rik	antiseense	6.54	6.61	6.68	6.80	4.10	5.20	4.85	4.77
Up	ENSMUSG00000098430	1.90	2.12E-18	493051019Rik	antiseense	4.90	4.42	4.64	4.40	6.43	6.01	6.38	6.07
Up	ENSMUSG00000098129	4.25	2.27E-18	Gm27040	antiseense	5.21	4.74	4.74	5.17	2.25	2.00	2.45	3.17
Up	ENSMUSG00000100130	-1.15	3.00E-18	Gm28379	antiseense	7.24	7.14	6.98	6.95	8.17	8.36	7.93	8.34
Down	ENSMUSG00000087535	-2.03	3.04E-18	Zmiz1os1	antiseense	5.86	5.71	5.29	5.60	3.23	4.13	3.94	4.17
Up	ENSMUSG00000100556	1.65	7.81E-18	Gm28902	antiseense	6.02	6.44	6.02	6.49	7.96	7.60	8.13	7.70
Up	ENSMUSG00000101503	1.32	8.17E-18	Gm28364	antiseense	6.48	6.61	6.53	6.59	7.84	8.11	7.52	7.82
Up	ENSMUSG00000097431	1.32	9.39E-18	Gm26782	antiseense	6.54	6.99	7.15	7.21	8.34	8.03	8.57	8.16
Down	ENSMUSG00000101609	-1.85	1.10E-16	Kcnq1ot1	antiseense	8.18	8.39	8.57	8.44	5.59	6.68	6.79	6.95
Down	ENSMUSG00000090307	-1.62	1.34E-16	1700071M16Rik	antiseense	7.08	6.95	6.85	6.92	5.22	5.67	5.41	5.37
Down	ENSMUSG00000097029	-2.98	5.02E-16	Gm26560	antiseense	5.38	5.60	5.28	4.89	2.66	3.22	3.00	3.34
Up	ENSMUSG00000114922	1.33	7.13E-16	Ppf1os	antiseense	5.82	5.60	5.94	5.98	7.01	6.91	7.27	6.98
Down	ENSMUSG00000109194	-1.12	8.50E-16	Gm44570	antiseense	8.24	8.22	7.91	7.91	7.07	6.63	7.28	6.85
Up	ENSMUSG00000105255	1.10	1.21E-15	Gm42413	antiseense	8.24	8.22	8.29	8.31	9.52	8.81	9.26	9.48
Up	ENSMUSG00000092354	1.06	1.41E-15	Gm20548	antiseense	7.05	7.04	6.70	6.79	7.95	7.81	7.95	8.02
Up	ENSMUSG00000073152	1.71	1.78E-15	Gm10475	antiseense	5.04	4.79	4.43	4.82	6.20	6.18	6.78	6.12
Down	ENSMUSG00000097756	-3.90	1.87E-15	A730056A08Rik	antiseense	4.36	5.08	4.54	5.27	2.12	2.12	2.45	2.92
Down	ENSMUSG00000110790	-1.58	3.65E-15	Gm47079	antiseense	6.45	6.23	6.59	6.47	4.92	4.56	5.34	5.03
Down	ENSMUSG00000097649	-2.69	4.48E-15	Gm10561	antiseense	6.06	6.08	5.98	6.51	2.62	6.31	3.75	4.25
Up	ENSMUSG00000097471	1.38	5.94E-15	5830432E09Rik	antiseense	5.58	6.09	5.89	5.52	7.34	7.21	7.02	6.76
Down	ENSMUSG00000086389	-1.19	9.89E-15	Gm15998	antiseense	7.31	7.11	7.23	7.01	6.20	6.09	5.88	5.94
Down	ENSMUSG00000097622	-1.61	1.09E-13	A330033J07Rik	antiseense	6.99	6.92	7.14	7.15	5.76	5.57	4.61	5.88
Up	ENSMUSG00000099510	2.07	1.33E-13	Gm28501	antiseense	4.62	5.19	5.46	5.09	7.07	6.64	7.26	7.18
Down	ENSMUSG00000097325	-1.89	1.57E-13	Gm16897	antiseense	5.50	5.68	5.49	5.54	4.52	4.32	3.13	3.44
Down	ENSMUSG00000085207	-3.83	2.49E-13	Gm11767	antiseense	4.15	4.82	4.44	4.50	2.70	2.00	2.62	2.60
Down	ENSMUSG00000097209	-2.15	5.74E-13	AU022754	antiseense	4.59	4.89	4.85	5.09	3.60	3.17	3.24	3.06
Down	ENSMUSG00000087640	-1.40	7.72E-13	Gm14798	antiseense	6.19	6.84	6.20	6.52	5.29	4.97	4.92	5.41
Down	ENSMUSG00000092405	-1.58	9.65E-13	Gm20542	antiseense	6.36	5.93	5.96	6.36	4.78	4.19	4.38	4.87
Down	ENSMUSG00000116903	-3.74	1.07E-12	Gm19522	antiseense	4.62	4.91	4.60	4.63	2.13	2.63	2.35	2.78
Down	ENSMUSG00000086893	-1.30	1.49E-12	A730081D07Rik	antiseense	5.96	6.02	6.20	5.84	5.02	4.70	4.63	4.93
Up	ENSMUSG00000090327	1.16	1.79E-12	Gm17111	antiseense	5.75	5.60	5.46	5.66	6.50	6.67	6.66	6.99
Down	ENSMUSG00000107560	-3.46	1.82E-12	Gm44199	antiseense	3.77	4.05	4.52	4.53	2.24	2.24	2.24	2.99
Down	ENSMUSG00000110580	-4.10	3.59E-12	D830024N08Rik	antiseense	4.22	3.88	3.84	4.19	2.00	2.34	2.00	2.54
Down	ENSMUSG00000097282	-3.71	5.46E-12	5031415H12Rik	antiseense	3.38	3.78	3.65	4.25	2.00	2.34	2.00	2.78
Down	ENSMUSG00000103309	-1.07	7.36E-12	BC037039	antiseense	7.93	7.88	7.98	7.86	7.04	6.86	6.38	7.10
Up	ENSMUSG00000105910	1.35	1.16E-11	Gm43539	antiseense	4.45	5.17	4.80	4.19	5.89	6.04	5.88	5.77
Down	ENSMUSG00000087487	-4.78	1.33E-11	Ppp2r2cos	antiseense	3.61	3.97	4.52	3.94	2.00	2.00	2.00	2.54
Up	ENSMUSG00000100945	1.55	1.70E-11	Gm29529	antiseense	5.51	5.56	6.00	5.34	7.31	7.19	7.15	6.64
Down	ENSMUSG00000113029	-2.82	2.24E-11	Gm40578	antiseense	5.15	5.43	5.69	5.22	2.00	2.85	3.87	3.53
Down	ENSMUSG00000098739	-2.25	2.31E-11	Gm27151	antiseense	4.89	4.82	4.93	4.72	2.37	3.65	3.35	3.12
Down	ENSMUSG00000086171	-1.29	3.08E-1										

Down	ENSMUSG00000085516	-1.15	7.41E-11	4930538E20Rik	antiseense	6.98	7.02	7.03	7.05	6.31	5.67	5.91	5.71
Down	ENSMUSG00000107722	-3.26	7.89E-11	2900060B14Rik	antiseense	4.29	4.58	4.37	4.67	2.97	2.70	2.24	2.24
Down	ENSMUSG00000110945	-1.57	8.69E-11	Gm9856	antiseense	5.71	5.38	5.53	5.38	2.97	3.87	4.40	4.23
Down	ENSMUSG00000114218	-3.90	1.93E-10	Gm47423	antiseense	3.95	3.39	4.05	3.55	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108655	-2.61	2.11E-10	Gm44949	antiseense	4.51	4.27	4.54	4.12	2.25	2.70	2.54	2.79
Down	ENSMUSG00000087314	-1.26	5.13E-10	Prkag2os2	antiseense	5.73	6.23	5.86	5.99	4.86	5.16	4.45	4.75
Down	ENSMUSG00000097987	-3.97	6.43E-10	Gm26542	antiseense	4.90	4.80	4.89	4.45	4.25	3.24	3.40	3.44
Up	ENSMUSG00000110373	2.28	6.96E-10	Gm42303	antiseense	3.56	3.39	3.30	3.21	5.10	5.14	5.10	5.27
Down	ENSMUSG00000086219	-1.88	1.32E-09	Srm4os	antiseense	4.77	5.15	5.77	5.24	2.90	4.01	3.13	4.41
Down	ENSMUSG00000087625	-1.25	2.18E-09	4930419G24Rik	antiseense	6.95	6.80	6.98	6.40	5.69	6.03	4.69	5.75
Down	ENSMUSG00000100192	-1.15	2.89E-09	Gm29587	antiseense	6.70	6.91	6.47	6.61	5.66	5.80	5.14	5.69
Down	ENSMUSG00000115918	-2.10	4.70E-09	A930001M01Rik	antiseense	3.67	3.83	4.49	4.19	2.47	2.98	2.86	2.85
Down	ENSMUSG00000097462	-2.28	5.60E-09	953002P05Rik	antiseense	5.15	5.36	5.09	5.05	3.60	3.38	2.63	3.78
Down	ENSMUSG00000090160	-3.27	5.72E-09	4930480K15Rik	antiseense	3.56	4.34	3.75	3.69	2.13	2.12	2.00	2.92
Down	ENSMUSG00000075027	-3.34	6.18E-09	4631405J19Rik	antiseense	3.86	4.27	3.80	3.21	2.37	2.00	2.00	2.78
Down	ENSMUSG00000101680	-2.22	6.19E-09	Gm29015	antiseense	5.73	6.17	5.52	6.46	4.10	3.00	3.00	4.97
Down	ENSMUSG00000086612	-3.66	6.20E-09	Gm12064	antiseense	3.91	3.46	3.36	3.60	2.00	2.24	2.00	2.54
Down	ENSMUSG00000098284	-1.11	6.43E-09	A330093E20Rik	antiseense	7.11	7.26	7.16	7.09	6.04	6.48	6.04	5.70
Down	ENSMUSG00000086584	-3.12	7.57E-09	Gm12002	antiseense	4.32	3.57	3.16	4.05	2.57	2.00	2.00	2.78
Down	ENSMUSG00000074398	-1.87	8.85E-09	Gm15441	antiseense	5.12	5.81	5.32	5.58	2.97	4.42	3.83	4.08
Down	ENSMUSG00000097652	-2.50	9.03E-09	Mhnt	antiseense	7.15	7.25	6.44	7.81	3.82	4.85	4.19	5.86
Down	ENSMUSG00000108175	-1.36	1.22E-08	Gm16499	antiseense	6.20	5.82	6.14	5.97	5.17	4.56	4.19	5.13
Down	ENSMUSG00000087366	-1.60	1.48E-08	Junos	antiseense	6.29	6.09	6.31	6.45	5.32	4.51	3.83	5.21
Down	ENSMUSG00000075514	-1.62	1.58E-08	Gm13375	antiseense	6.29	6.01	6.15	6.14	3.85	4.32	4.87	5.31
Down	ENSMUSG00000108563	-3.90	1.65E-08	Gm44686	antiseense	3.56	4.01	2.64	3.86	2.00	2.34	2.24	2.12
Up	ENSMUSG00000114536	1.59	1.96E-08	Gm48837	antiseense	4.48	4.13	4.17	4.48	5.71	6.02	5.62	5.42
Down	ENSMUSG00000107379	-1.70	2.26E-08	Gm43126	antiseense	5.38	5.87	5.50	5.84	3.35	4.49	4.54	4.11
Down	ENSMUSG00000087263	-2.41	2.60E-08	Gm15726	antiseense	4.22	4.37	4.65	4.12	2.37	3.28	2.35	3.06
Down	ENSMUSG00000084821	-3.36	3.73E-08	Gm15880	antiseense	3.44	3.57	3.60	3.69	2.00	2.00	2.00	2.85
Down	ENSMUSG00000089940	-1.88	3.75E-08	Gm4117	antiseense	5.92	6.33	6.45	6.59	4.25	4.83	4.27	5.05
Up	ENSMUSG00000106137	1.68	4.46E-08	Gm42538	antiseense	3.61	3.52	4.09	5.36	5.04	5.68	5.03	5.05
Down	ENSMUSG00000110764	-3.91	4.55E-08	4930405J17Rik	antiseense	3.67	3.39	3.84	3.50	2.00	2.44	2.24	2.00
Down	ENSMUSG00000107306	-6.08	4.75E-08	Gm360	antiseense	3.60	3.68	3.60	3.60	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108617	-2.16	5.02E-08	Gm31749	antiseense	3.78	3.78	4.01	3.33	2.00	2.74	2.00	2.54
Down	ENSMUSG00000098760	-2.31	6.03E-08	Gm2164	antiseense	4.36	4.34	4.30	4.25	3.04	3.22	2.71	2.24
Down	ENSMUSG00000115002	-6.26	6.52E-08	Gm10847	antiseense	2.75	3.19	3.16	3.55	2.00	2.00	2.00	2.00
Down	ENSMUSG00000101640	-1.58	7.02E-08	Gm28376	antiseense	5.55	5.89	6.05	5.88	4.36	4.19	4.65	4.59
Down	ENSMUSG00000086763	-3.32	7.16E-08	Plxn4os1	antiseense	3.10	4.20	4.34	3.65	2.00	2.24	2.35	2.70
Up	ENSMUSG00000086483	2.72	7.89E-08	8030443G20Rik	antiseense	3.44	3.88	3.65	3.90	5.63	6.30	5.99	6.08
Up	ENSMUSG00000086648	1.50	9.51E-08	Gm15511	antiseense	4.39	4.56	4.01	4.58	5.30	5.70	6.17	5.51
Down	ENSMUSG00000105709	-1.07	1.01E-07	Gm42723	antiseense	7.18	7.29	7.39	7.08	5.36	6.28	6.27	6.63
Down	ENSMUSG00000085213	-2.63	1.04E-07	Gm13091	antiseense	4.62	4.77	3.93	4.22	3.38	3.28	2.92	3.27
Down	ENSMUSG00000086843	-1.78	1.05E-07	E030013119Rik	antiseense	5.44	5.15	5.65	5.49	3.50	3.43	4.79	3.62
Down	ENSMUSG00000089842	-4.88	1.13E-07	Ptprn2os2	antiseense	3.25	4.01	3.54	3.50	2.13	2.00	2.00	2.24
Up	ENSMUSG00000086119	-1.01	1.14E-07	Gm2415	antiseense	6.49	6.22	6.45	6.16	5.74	5.28	5.05	5.47
Down	ENSMUSG00000085873	2.23	1.24E-07	Ttc39aos1	antiseense	3.61	3.46	3.60	3.60	5.49	5.24	4.99	4.68
Up	ENSMUSG00000091154	5.77	1.25E-07	Procos	antiseense	4.89	4.77	4.89	4.73	6.06	6.31	6.06	5.85
Down	ENSMUSG00000099767	-3.07	1.33E-07	Gm28884	antiseense	3.81	3.63	3.80	3.94	2.00	2.12	2.13	2.99
Down	ENSMUSG00000101037	-2.78	1.36E-07	Gm28424	antiseense	4.36	4.56	4.27	4.37	2.37	2.00	3.00	3.12
Down	ENSMUSG00000087413	-1.79	1.54E-07	Gm11266	antiseense	5.02	5.00	4.68	5.12	3.60	3.52	3.87	3.23
Down	ENSMUSG00000090050	-4.40	2.07E-07	Gm16339	antiseense	3.81	3.73	3.54	3.98	2.37	2.24	2.00	2.00
Down	ENSMUSG00000108709	-3.62	2.18E-07	4933431G14Rik	antiseense	3.50	2.86	3.60	3.60	2.13	2.53	2.00	2.00
Down	ENSMUSG00000097882	-1.87	2.21E-07	0610038B21Rik	antiseense	4.07	3.92	4.49	4.12	3.87	4.12	3.13	3.39
Down	ENSMUSG00000087111	-2.33	2.26E-07	Gm11399	antiseense	4.48	4.58	4.57	4.39	2.57	3.56	2.79	2.62
Down	ENSMUSG00000056735	-1.32	2.50E-07	A930024E05Rik	antiseense	5.10	5.04	5.17	5.28	4.22	3.65	4.22	4.08
Up	ENSMUSG00000086606	1.39	2.58E-07	Gm13205	antiseense	4.54	4.89	4.24	4.37	5.54	5.62	5.86	5.95
Up	ENSMUSG00000090758	1.00	2.97E-07	Gm17178	antiseense	5.82	5.88	5.78	5.38	6.42	6.88	6.77	6.58
Up	ENSMUSG00000114633	1.05	3.35E-07	Gm46416	antiseense	5.28	5.58	5.82	5.53	6.58	6.22	6.83	6.50
Down	ENSMUSG00000086049	-2.39	3.38E-07	Gm12735	antiseense	6.39	6.46	5.91	6.43	3.92	5.16	2.79	3.99
Down	ENSMUSG00000111171	-5.77	3.59E-07	Gm47815	antiseense	3.38	2.66	3.49	3.60	2.00	2.00	2.12	2.12
Down	ENSMUSG00000114708	-2.62	3.78E-07	Gm30177	antiseense	3.38	4.72	4.17	4.17	2.00	2.12	3.30	2.54
Down	ENSMUSG00000108624	-3.39	3.82E-07	Gm45091	antiseense	4.39	4.20	4.27	4.25	2.37	2.00	2.93	2.34
Down	ENSMUSG00000107317	-2.06	3.97E-07	Gm19719	antiseense	4.70	5.04	4.73	4.78	3.73	3.05	3.13	3.17
Down	ENSMUSG00000086039	-5.84	3.98E-07	Gm12227	antiseense	2.75	2.95	3.01	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG00000086614	-4.26	4.16E-07	Gm14330	antiseense	3.44	3.19	3.89	3.21	2.00	2.00	2.00	2.44
Down	ENSMUSG00000079467	-1.67	4.30E-07	Gm14966	antiseense	4.07	4.31	4.40	4.40	3.35	3.47	2.79	3.23
Up	ENSMUSG00000087002	1.27	4.34E-07	Gm16277	antiseense	5.15	5.00	5.46	5.11	6.41	6.55	6.33	6.15
Down	ENSMUSG00000086375	-4.17	4.63E-07	Gm12127	antiseense	3.81	3.26	3.80	3.50	2.00	2.00	2.00	2.54
Down	ENSMUSG00000097101	-2.23	5.32E-07	1810034E14Rik	antiseense	3.38	3.52	3.75	4.19	2.25	2.44	2.79	2.78
Down	ENSMUSG00000054556	-2.16	5.95E-07	Gm4876	antiseense	3.67	4.44	4.27	4.50	2.98	2.98	2.71	3.12
Down	ENSMUSG00000114891	-4.12	6.69E-07	Gm47272	antiseense	3.67	3.63	3.09	3.01	2.00	2.00	2.00	2.44
Down	ENSMUSG00000112824	-5.83	7.52E-07	Gm47917	antiseense	3.61	2.86	3.49	3.39	2.00	2.00	2.13	2.00
Down	ENSMUSG00000108079	-1.63	8.55E-07	Gm42210	antiseense	5.02	5.38	5.19	5.44	4.25	4.13	3.50	3.96
Down	ENSMUSG00000109282	-2.43	8.71E-07	Gm45188	antiseense	3.99	3.78	3.78	2.00	2.00	2.12	3.00	2.78
Down	ENSMUSG00000104507	-1.19	8.79E-07	A430027H14Rik	antiseense	5.57	5.49	6.04	5.69	4.10	4.68	4.47	5.15
Down	ENSMUSG00000109854	-6.06	9.12E-07	Gm45345	antiseense	4.03	2.55	3.70	3.39	2.00	2.00	2.13	2.00
Down	ENSMUSG00000098024	-6.36	9.25E-07	Gm27003	antiseense	3.67	3.33	4.17	3.55	2.00	2.12	2.00	2.00
Down	ENSMUSG00000109382	-3.18	9.51E-07	4930567K12Rik	antiseense	2.85	3.78	3.43	3.45	2.37	2.00	2.00	2.54
Down	ENSMUSG00000098066	-1.12	1.07E-06	Gm26944	antiseense	6.38	6.60	6.33	6.25	4.28	5.58	5.76	5.40
Down	ENSMUSG00000098146	-2.60	1.14E-06	Gm26935	antiseense	3.50	3.63	3.49	3.60	2.00	2.70	2.45	2.34
Down	ENSMUSG00000086708	-5.50	1.26E-06	Gm15577	antiseense	2.75	3.78	3.80	3.86	2.00	2.00	2.00	2.24
Down	ENSMUSG00000115222	-2.28	1.27E-06	Gm49747	antiseense	4.95	5.12	5.29	5.38	3.17	3.91	2.00	3.89
Down	ENSMUSG00000086938	-1.50	1.27E-06	4930481A15Rik	antiseense	4.80	5.12	5.13	5.28	4.58	4.58	3.67	5.27
Down	ENSMUSG00000087129	-2.03	1.38E-06	Gm16316	antiseense	3.56	3.73	3.54	3.60	2.74	2.53	2.13	2.85
Down	ENSMUSG00000089994	-4.39	1.74E-06	Gm16239	antiseense	4.22	2.55	3.43	3.50	2.00	2.24	2.00	2.24
Down	ENSMUSG00000086971												

Down	ENSMUSG00000085391	-2.93	2.18E-06	Gm16150	antiseense	3.77	2.76	3.54	3.55	2.37	2.00	2.13	2.62
Down	ENSMUSG00000090117	-1.16	2.30E-06	Gm16541	antiseense	6.08	6.34	6.17	6.33	5.01	5.81	4.65	4.93
Up	ENSMUSG00000090761	1.21	2.31E-06	Gm17201	antiseense	5.04	5.08	4.97	4.31	6.15	6.23	5.86	5.52
Up	ENSMUSG000000100812	1.07	2.32E-06	A730098A19Rik	antiseense	4.57	4.72	5.31	4.60	6.04	5.90	5.70	5.47
Down	ENSMUSG000000084890	-1.22	2.43E-06	A830036E02Rik	antiseense	6.98	7.02	7.35	7.35	5.44	5.25	6.68	6.23
Down	ENSMUSG000000109501	-1.95	2.49E-06	Gm14377	antiseense	3.50	3.92	3.49	3.45	2.82	2.85	2.45	2.24
Up	ENSMUSG000000093916	1.09	2.55E-06	Gm16726	antiseense	6.11	5.93	5.77	6.00	6.99	6.99	6.71	6.94
Down	ENSMUSG000000108714	-5.82	2.62E-06	Gm21057	antiseense	2.43	3.46	3.16	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG000000110824	-3.08	2.74E-06	Gm48677	antiseense	3.02	3.11	3.49	3.27	2.00	2.00	2.13	2.62
Down	ENSMUSG000000114088	-1.07	3.23E-06	Gm47898	antiseense	5.13	5.31	5.68	5.35	4.74	4.62	3.90	4.46
Down	ENSMUSG000000056753	-1.21	3.64E-06	C330011M18Rik	antiseense	5.66	5.75	5.89	5.41	3.85	4.80	4.54	5.02
Down	ENSMUSG000000106702	-1.12	4.82E-06	Gm42846	antiseense	6.12	6.17	5.57	6.10	4.70	5.25	4.65	5.23
Down	ENSMUSG000000087293	-2.91	5.48E-06	Gm14341	antiseense	4.59	4.27	3.80	4.28	2.57	2.00	3.24	2.24
Down	ENSMUSG000000104894	-2.11	5.80E-06	Gm43507	antiseense	4.07	3.63	3.75	3.27	2.25	3.11	2.54	2.34
Down	ENSMUSG000000115692	-1.93	5.96E-06	Gm49163	antiseense	3.72	4.86	4.68	4.39	3.04	2.00	3.45	3.57
Down	ENSMUSG000000102899	-3.19	7.05E-06	Gm37850	antiseense	3.25	3.78	2.93	3.55	2.00	2.24	2.13	2.54
Down	ENSMUSG000000087439	-2.62	7.19E-06	Gm15788	antiseense	4.54	4.27	3.97	3.82	2.47	2.00	3.35	2.44
Down	ENSMUSG000000053049	-2.38	7.21E-06	Gm15413	antiseense	3.77	3.19	3.23	3.82	2.47	2.44	2.24	2.54
Up	ENSMUSG000000099096	1.15	7.49E-06	1110035H17Rik	antiseense	4.75	4.67	4.65	4.15	5.69	5.73	5.50	5.36
Down	ENSMUSG000000089711	1.59	7.54E-06	Gm16240	antiseense	4.48	4.56	4.46	3.55	4.61	5.81	6.31	5.55
Down	ENSMUSG000000097416	-5.14	7.57E-06	Gm26670	antiseense	4.03	3.46	3.65	3.86	2.00	2.24	2.12	2.00
Down	ENSMUSG000000087201	-3.91	7.63E-06	Gm15261	antiseense	3.38	3.26	3.65	4.02	2.00	2.00	2.00	2.62
Down	ENSMUSG000000093553	-1.57	7.78E-06	Gm20633	antiseense	5.00	4.64	5.11	5.19	4.47	3.69	3.45	2.99
Down	ENSMUSG000000093424	-2.76	8.14E-06	6330562C20Rik	antiseense	3.50	4.09	3.65	3.65	2.74	2.53	2.00	2.34
Down	ENSMUSG000000086342	-5.88	8.39E-06	Gm12932	antiseense	3.18	2.43	3.16	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG000000093528	-2.93	8.43E-06	Nrg3os	antiseense	3.10	2.86	3.09	3.78	2.57	2.24	2.00	2.12
Down	ENSMUSG000000112227	-2.46	8.65E-06	Gm20149	antiseense	3.31	3.19	3.43	3.60	2.00	2.00	2.63	2.70
Down	ENSMUSG000000087668	-5.35	8.68E-06	Gm11186	antiseense	2.65	2.30	3.01	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG000000085655	-1.33	9.11E-06	Gm15952	antiseense	4.82	4.74	4.89	4.58	2.90	3.91	3.83	3.99
Down	ENSMUSG000000086995	-2.58	9.46E-06	Gm13544	antiseense	4.29	4.44	4.87	4.12	2.13	2.12	3.79	3.62
Up	ENSMUSG000000085541	1.70	9.60E-06	Gm16010	antiseense	3.38	4.05	3.01	3.98	5.10	5.17	4.77	4.62
Down	ENSMUSG000000110652	-3.50	1.01E-05	Gm33023	antiseense	2.85	3.73	3.23	3.45	2.00	2.00	2.62	2.00
Down	ENSMUSG000000093393	-2.27	1.01E-05	Gm20642	antiseense	3.96	3.43	3.97	2.97	2.12	2.00	2.00	2.00
Down	ENSMUSG000000072573	-5.58	1.10E-05	Gm10369	antiseense	2.43	3.03	2.69	3.00	2.00	2.00	2.00	2.00
Down	ENSMUSG000000087672	-2.82	1.13E-05	Gm15122	antiseense	3.18	3.33	3.93	3.65	2.00	2.34	2.79	2.12
Down	ENSMUSG000000087202	-2.16	1.13E-05	Gm15813	antiseense	4.18	3.63	4.63	4.05	2.37	2.12	3.13	3.39
Down	ENSMUSG000000104987	-5.55	1.15E-05	2810432F15Rik	antiseense	2.43	3.03	2.29	3.33	2.00	2.00	2.00	2.00
Down	ENSMUSG000000116125	-2.50	1.16E-05	Gm41361	antiseense	4.22	3.92	4.05	3.50	2.74	2.12	2.00	3.17
Down	ENSMUSG000000104574	-1.84	1.16E-05	Gm42836	antiseense	4.67	3.68	4.46	3.60	2.82	3.17	3.19	2.70
Down	ENSMUSG000000085397	-2.60	1.19E-05	Gm13524	antiseense	3.44	3.57	2.93	3.60	2.13	2.12	2.45	2.62
Up	ENSMUSG000000085628	1.10	1.27E-05	Appbp2os	antiseense	4.39	5.04	4.54	4.91	5.98	5.61	5.49	5.77
Down	ENSMUSG000000086387	-5.41	1.41E-05	Gm15563	antiseense	2.65	2.43	3.01	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG000000101126	-1.86	1.41E-05	Gm10538	antiseense	3.31	3.39	3.60	3.78	2.66	2.62	2.24	2.85
Down	ENSMUSG000000102784	-2.82	1.44E-05	Gm38251	antiseense	3.67	2.86	3.54	3.69	2.82	2.00	2.34	2.85
Down	ENSMUSG000000086269	-2.21	1.84E-05	Tmcc3os	antiseense	3.81	3.52	3.60	3.39	2.25	2.70	2.63	2.44
Down	ENSMUSG000000086505	-5.26	1.85E-05	Gm16058	antiseense	3.31	2.66	3.49	2.40	2.00	2.00	2.12	2.12
Down	ENSMUSG000000092793	-2.57	1.85E-05	Gm26676	antiseense	3.67	3.63	3.60	3.69	2.00	2.00	2.54	2.54
Down	ENSMUSG000000087307	-2.93	1.90E-05	Gm12925	antiseense	3.18	3.19	3.16	3.08	2.13	2.53	2.00	2.12
Down	ENSMUSG000000097925	-1.74	2.01E-05	Gm26574	antiseense	4.45	4.31	4.46	4.43	3.23	2.85	2.86	3.66
Down	ENSMUSG000000113434	-1.63	2.12E-05	3200001D21Rik	antiseense	3.77	4.13	4.37	4.22	2.74	3.05	3.13	3.29
Down	ENSMUSG000000102097	-1.67	2.14E-05	A930006L05Rik	antiseense	3.31	3.83	3.49	3.60	2.85	2.93	2.78	2.78
Down	ENSMUSG000000085080	-1.91	2.18E-05	2310044K18Rik	antiseense	4.26	4.53	4.80	3.94	3.50	2.70	3.07	3.06
Down	ENSMUSG000000113317	-2.29	2.34E-05	Gm48573	antiseense	4.32	4.47	3.54	3.45	2.82	2.24	2.63	2.99
Down	ENSMUSG000000086450	-2.94	2.36E-05	Macro2os1	antiseense	2.85	3.68	3.93	4.12	2.57	2.00	2.00	2.78
Up	ENSMUSG000000107368	1.14	2.40E-05	1700018A23Rik	antiseense	5.62	6.12	5.83	6.02	7.09	7.05	6.96	6.91
Down	ENSMUSG000000098322	-2.73	2.48E-05	5830468F06Rik	antiseense	2.43	3.73	4.05	4.09	2.37	2.34	2.12	2.12
Down	ENSMUSG000000114704	-5.32	2.50E-05	Gm48003	antiseense	2.65	3.19	2.54	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG000000093721	-2.11	2.52E-05	Gm3896	antiseense	3.72	3.63	3.80	3.72	3.17	2.00	2.00	2.54
Down	ENSMUSG000000093723	-2.00	2.53E-05	Gm19667	antiseense	3.44	4.58	3.43	3.33	2.90	2.92	2.54	2.34
Down	ENSMUSG000000092255	-2.09	2.64E-05	4921534H16Rik	antiseense	3.67	3.68	4.09	3.82	2.74	2.00	2.93	2.85
Down	ENSMUSG000000093672	-2.61	2.75E-05	Gm20655	antiseense	3.72	3.63	3.84	3.60	2.82	2.44	2.00	2.44
Up	ENSMUSG000000103961	1.64	2.85E-05	Gm36388	antiseense	3.31	3.83	3.60	3.39	4.99	4.78	4.38	4.98
Down	ENSMUSG000000087082	-3.33	3.13E-05	Gm15423	antiseense	3.72	3.46	3.43	2.77	2.00	2.00	2.00	2.70
Down	ENSMUSG000000108239	-2.82	3.34E-05	Gm19434	antiseense	3.10	3.68	4.01	3.55	2.00	2.62	2.00	2.70
Down	ENSMUSG000000113634	-2.53	3.47E-05	Gm36756	antiseense	4.61	3.19	3.43	3.74	2.00	2.00	2.24	3.06
Down	ENSMUSG000000090779	-1.11	3.79E-05	Gm17110	antiseense	4.93	5.15	5.15	5.04	4.06	4.56	3.35	4.33
Down	ENSMUSG000000087516	-4.97	3.83E-05	Tbx3os1	antiseense	3.67	3.26	3.70	3.90	2.00	2.24	2.13	2.00
Down	ENSMUSG000000087256	-3.85	3.98E-05	Gm15990	antiseense	2.65	2.86	3.65	3.45	2.00	2.00	2.35	2.12
Down	ENSMUSG000000090220	-2.29	3.99E-05	Pitpnm2os1	antiseense	2.85	4.17	3.70	3.33	2.57	2.70	2.00	2.62
Down	ENSMUSG000000087381	-1.20	4.08E-05	Gm16008	antiseense	3.77	4.17	4.24	4.45	3.05	2.93	2.70	2.62
Down	ENSMUSG000000111639	-1.86	4.27E-05	1700019L13Rik	antiseense	4.72	3.92	4.13	3.90	2.74	2.92	3.00	2.62
Down	ENSMUSG000000114213	-2.34	4.32E-05	A430090L17Rik	antiseense	3.44	3.83	3.43	3.55	2.57	3.11	2.00	2.24
Down	ENSMUSG000000095823	-4.85	4.64E-05	Gm13012	antiseense	2.85	2.55	2.74	2.85	2.00	2.00	2.12	2.12
Down	ENSMUSG000000092625	-4.44	4.84E-05	Gm20404	antiseense	3.56	2.30	3.36	3.15	2.47	2.00	2.00	2.12
Down	ENSMUSG000000047807	-4.22	4.71E-05	9330154K18Rik	antiseense	2.30	3.11	3.54	3.50	2.37	2.00	2.00	2.00
Down	ENSMUSG000000090057	-3.42	4.71E-05	Gm16333	antiseense	3.38	2.86	3.23	3.08	2.00	2.00	2.00	2.54
Down	ENSMUSG000000078190	-1.43	4.71E-05	Dnm3os	antiseense	3.61	4.24	4.20	3.21	3.47	2.74	2.86	2.70
Down	ENSMUSG000000100781	-4.17	4.78E-05	Gm29481	antiseense	3.02	3.57	3.16	2.77	2.00	2.00	2.34	2.34
Up	ENSMUSG000000086935	1.30	5.01E-05	Gm15956	antiseense	3.81	4.01	4.49	4.15	4.54	5.23	5.63	5.29
Up	ENSMUSG000000086930	1.44	5.21E-05	Frs3os	antiseense	4.67	4.34	5.07	4.96	6.59	6.14	5.52	5.93
Down	ENSMUSG000000085449	-2.67	5.50E-05	Gm15520	antiseense	2.94	3.57	3.16	3.08	2.00	2.24	2.00	2.70
Down	ENSMUSG000000097440	-1.11	5.51E-05	Gm6277	antiseense	6.54	6.45	6.02	6.67	4.78	5.63	5.10	5.86
Down	ENSMUSG000000102014	-3.00	5.59E-05	2900009J06Rik	antiseense	3.61	4.20	3.89	3.21	2.82	2.00	2.00	2.54
Down	ENSMUSG000000114662	-4.53	5.69E-05	Gm31683	antiseense	3.72	2.95	3.43	3.27	2.00	2.00	2.00	2.34
Down	ENSMUSG000000100789	-5.87	5.77E-05	Gm29508	antiseense	3.02	3.39	2.93					

Up	ENSMUSG00000110698	1.10	6.23E-05	Gm45875	antisense	6.22	6.28	6.23	5.94	7.44	7.15	7.33	6.95
Down	ENSMUSG00000085029	-5.04	6.37E-05	Gm13569	antisense	2.65	2.55	2.64	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109644	-1.83	6.47E-05	0610005C13Rik	antisense	3.72	4.44	4.30	4.58	3.45	3.28	2.71	2.70
Down	ENSMUSG00000089744	-4.87	6.48E-05	Gm16146	antisense	2.43	2.95	3.49	2.27	2.00	2.00	2.00	2.12
Down	ENSMUSG00000087064	-2.12	6.78E-05	Sap30bpos	antisense	2.94	3.88	3.65	3.86	2.90	2.53	2.00	2.70
Down	ENSMUSG00000085269	-1.64	6.83E-05	Gm15777	antisense	4.54	4.77	4.24	4.65	3.17	3.52	2.13	4.02
Down	ENSMUSG00000097269	-2.88	7.17E-05	Gm26786	antisense	4.23	4.23	4.73	4.76	4.17	2.00	2.38	3.34
Down	ENSMUSG00000107709	-3.04	7.80E-05	9430018G01Rik	antisense	2.94	2.95	2.94	3.90	2.00	2.24	2.24	2.54
Down	ENSMUSG00000080709	-3.41	7.95E-05	Gm13389	antisense	2.75	3.11	3.30	2.69	2.00	2.00	2.00	2.44
Down	ENSMUSG00000098383	-4.15	8.32E-05	Gm27197	antisense	3.18	3.26	2.93	3.21	2.00	2.24	2.00	2.12
Down	ENSMUSG00000109732	-5.24	8.62E-05	Gm45285	antisense	2.65	3.03	2.29	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000091184	-3.73	8.81E-05	Gm17059	antisense	3.31	4.01	2.74	2.94	2.13	2.00	2.00	2.44
Down	ENSMUSG00000097855	-2.43	8.99E-05	A930007119Rik	antisense	3.86	4.24	4.80	4.74	2.13	3.43	2.00	3.34
Up	ENSMUSG00000098072	1.12	9.05E-05	Gm26995	antisense	4.65	4.91	4.70	4.98	5.65	6.26	5.45	5.79
Down	ENSMUSG00000085845	-4.92	9.14E-05	Gm13944	antisense	2.43	3.33	3.01	2.59	2.00	2.12	2.00	2.00
Down	ENSMUSG00000055370	-2.19	9.38E-05	Gm9968	antisense	3.61	3.03	4.46	3.55	2.13	2.12	2.79	3.12
Down	ENSMUSG00000097834	-2.83	9.59E-05	Gm26911	antisense	2.94	3.11	3.49	3.55	2.00	2.00	2.00	2.85
Down	ENSMUSG00000109674	-1.24	9.62E-05	Gm45470	antisense	4.65	5.06	4.49	4.74	4.39	3.56	3.67	3.73
Down	ENSMUSG00000113488	-5.53	9.70E-05	Gm47819	antisense	2.00	2.95	3.43	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085004	-4.60	9.82E-05	5430427M07Rik	antisense	3.50	2.95	2.42	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG00000108798	-4.80	9.89E-05	492151306Rik	antisense	2.85	3.11	3.23	3.08	2.00	2.00	2.00	2.24
Down	ENSMUSG00000112730	-2.58	9.89E-05	4930567K20Rik	antisense	3.10	3.19	3.54	3.08	2.00	2.85	2.00	2.12
Down	ENSMUSG00000089699	-5.17	1.05E-04	Gm1992	antisense	2.85	2.43	2.64	2.00	2.77	2.00	2.00	2.00
Down	ENSMUSG00000114511	-3.22	1.05E-04	0710001A04Rik	antisense	2.94	3.39	3.16	2.59	2.00	2.12	2.00	2.44
Down	ENSMUSG00000111846	-3.72	1.08E-04	Gm47271	antisense	2.75	3.57	2.86	2.00	2.00	2.00	2.00	2.44
Down	ENSMUSG00000087131	-1.97	1.08E-04	Gm16152	antisense	3.99	3.52	3.70	3.15	3.04	2.24	2.24	2.78
Down	ENSMUSG00000084908	-4.90	1.13E-04	C79798	antisense	2.54	2.66	2.74	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000084859	-2.30	1.17E-04	1700080N15Rik	antisense	3.18	3.39	2.93	3.60	2.13	2.85	2.00	2.34
Down	ENSMUSG00000114968	-1.37	1.20E-04	A630019I02Rik	antisense	5.24	5.19	5.05	5.17	3.61	3.61	4.94	3.70
Down	ENSMUSG00000113613	-4.87	1.22E-04	Gm40893	antisense	3.67	3.03	3.23	2.86	2.00	2.00	2.00	2.24
Down	ENSMUSG00000115337	-4.61	1.24E-04	4930570B17Rik	antisense	3.31	2.86	3.20	2.77	2.00	2.00	2.00	2.24
Down	ENSMUSG00000085279	-2.49	1.25E-04	Gm15965	antisense	2.85	2.86	3.36	3.27	2.57	2.34	2.00	2.12
Down	ENSMUSG00000111564	-4.74	1.25E-04	Gm47037	antisense	3.56	3.88	3.36	3.08	2.00	2.00	2.00	2.34
Down	ENSMUSG00000086356	-5.54	1.33E-04	Gm13441	antisense	2.85	2.30	2.54	3.99	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115667	-2.00	1.33E-04	Gm10389	antisense	4.54	4.05	4.20	4.12	2.57	3.11	2.00	3.62
Down	ENSMUSG00000086944	-4.57	1.43E-04	Gm15859	antisense	3.50	3.11	2.84	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG00000108489	-4.08	1.45E-04	Gm45025	antisense	3.18	3.03	3.01	3.21	2.00	2.00	2.00	2.34
Down	ENSMUSG00000097089	-1.16	1.45E-04	Gm26879	antisense	5.17	4.82	5.11	4.92	4.19	3.80	3.40	4.57
Down	ENSMUSG00000092323	-2.35	1.58E-04	BB365896	antisense	3.10	4.17	3.70	3.60	2.47	2.00	2.63	2.85
Down	ENSMUSG00000086507	-2.43	1.60E-04	Adap2os	antisense	3.67	4.13	4.24	4.05	3.11	2.00	2.00	3.12
Down	ENSMUSG00000090237	-3.84	1.61E-04	Gm16308	antisense	3.10	3.78	3.09	3.50	2.13	2.00	2.00	2.44
Down	ENSMUSG00000110433	-2.82	1.61E-04	Gm45820	antisense	3.10	3.03	3.09	3.50	2.00	2.44	2.00	2.44
Up	ENSMUSG00000102774	1.15	1.62E-04	Gm9748	antisense	4.87	5.00	5.20	4.94	5.72	6.09	6.10	6.28
Down	ENSMUSG00000091558	-3.19	1.64E-04	Gm17227	antisense	2.54	2.66	3.23	3.45	2.00	2.00	2.00	2.54
Down	ENSMUSG00000113907	-1.46	1.67E-04	Gm47167	antisense	4.29	4.44	4.49	4.12	2.90	3.61	2.35	3.89
Up	ENSMUSG00000090024	1.20	1.68E-04	Gm16350	antisense	5.00	5.08	4.80	4.80	5.51	5.85	5.48	5.48
Down	ENSMUSG00000111911	-4.96	1.70E-04	Gm28009	antisense	2.54	3.11	3.01	2.86	2.00	2.12	2.00	2.12
Down	ENSMUSG00000089729	-3.27	1.79E-04	Gm16552	antisense	2.75	2.95	2.64	3.21	2.00	2.00	2.00	2.00
Down	ENSMUSG00000097251	-1.37	1.79E-04	5033417F24Rik	antisense	4.91	5.21	5.19	4.96	3.04	3.38	4.45	4.41
Down	ENSMUSG00000086446	-1.51	1.81E-04	Prkag2os1	antisense	3.77	3.57	3.54	3.50	2.82	2.85	2.86	2.54
Down	ENSMUSG00000104653	-3.19	1.89E-04	Gm43109	antisense	3.99	3.57	3.09	3.74	2.57	2.34	2.00	2.24
Down	ENSMUSG00000045178	-3.02	1.90E-04	493341O13Rik	antisense	3.02	3.11	3.16	3.01	2.00	2.00	2.00	2.62
Down	ENSMUSG00000029837	-3.17	1.91E-04	170011E14Rik	antisense	2.54	3.11	3.30	3.01	2.00	2.00	2.00	2.54
Down	ENSMUSG00000091523	-2.04	2.09E-04	AU040972	antisense	2.75	3.19	3.65	3.33	2.47	2.85	2.00	2.24
Down	ENSMUSG00000054779	-2.81	2.27E-04	Fgf2os	antisense	2.65	2.95	3.43	3.55	2.37	2.44	2.00	2.12
Down	ENSMUSG00000097139	-5.64	2.32E-04	Gm26626	antisense	2.54	3.46	2.64	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000110722	-3.03	2.37E-04	Gm48716	antisense	2.16	2.95	3.09	3.33	2.37	2.12	2.00	2.12
Down	ENSMUSG00000085192	-4.81	2.40E-04	Gm12195	antisense	2.85	2.55	3.16	2.89	2.00	2.00	2.00	2.62
Down	ENSMUSG00000086468	-1.95	2.41E-04	Gm11659	antisense	2.94	2.86	3.54	3.55	2.00	3.05	2.00	2.44
Down	ENSMUSG00000106127	-3.46	2.68E-04	4930520M14Rik	antisense	2.85	3.46	2.64	2.94	2.00	2.00	2.00	2.44
Down	ENSMUSG00000097404	-1.17	2.88E-04	Gm10814	antisense	4.89	4.69	4.82	4.42	3.85	3.80	4.04	3.44
Down	ENSMUSG00000114788	-1.36	2.97E-04	Gm48899	antisense	4.89	4.24	4.46	4.74	3.23	3.91	3.45	3.62
Down	ENSMUSG00000114595	-4.60	3.00E-04	Gm48004	antisense	2.16	2.16	2.29	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085623	-2.39	3.19E-04	Gm16041	antisense	3.50	3.11	3.09	2.77	2.00	2.53	2.00	2.12
Down	ENSMUSG00000092182	-4.51	3.22E-04	Gm20407	antisense	2.54	2.55	2.74	2.94	2.00	2.00	2.00	2.12
Down	ENSMUSG00000085581	-4.45	3.23E-04	Gm12786	antisense	2.43	2.86	2.64	2.77	2.00	2.00	2.00	2.12
Down	ENSMUSG00000085471	-2.25	3.24E-04	4933423P22Rik	antisense	4.03	4.41	4.01	4.37	2.00	2.34	2.45	3.78
Down	ENSMUSG00000097762	-1.60	3.34E-04	4732463B04Rik	antisense	4.48	4.50	4.68	5.11	3.48	2.34	4.00	3.74
Down	ENSMUSG00000114291	-3.44	3.45E-04	Gm47471	antisense	3.18	3.52	2.74	2.27	2.00	2.44	2.00	2.00
Down	ENSMUSG00000097472	-1.08	3.47E-04	Gm26586	antisense	6.33	6.38	6.56	6.30	5.90	5.20	4.79	5.46
Down	ENSMUSG00000102540	-3.42	3.56E-04	Gm38134	antisense	2.75	3.11	3.30	2.69	2.00	2.44	2.00	2.00
Down	ENSMUSG00000086468	-2.84	3.63E-04	Etaa1os	antisense	3.38	3.57	2.84	3.65	2.00	2.70	2.00	2.34
Up	ENSMUSG00000093725	1.36	3.65E-04	Plat31	antisense	4.80	4.24	3.65	4.12	5.26	6.07	5.13	4.95
Down	ENSMUSG00000110156	1.60	3.68E-04	Gm42067	antisense	3.90	3.97	4.60	4.63	4.57	4.19	3.00	3.06
Down	ENSMUSG00000097576	-2.17	3.75E-04	D930030I03Rik	antisense	3.71	3.39	3.43	3.01	2.90	2.00	2.24	2.62
Down	ENSMUSG00000085234	-4.21	3.78E-04	Gm15614	antisense	3.31	3.26	3.30	2.77	2.00	2.00	2.00	2.34
Down	ENSMUSG00000086275	-5.24	3.85E-04	1700121C08Rik	antisense	2.75	3.19	2.93	3.21	2.00	3.12	2.00	2.12
Down	ENSMUSG00000085265	-2.98	3.91E-04	Nell1os	antisense	3.10	2.95	3.10	3.15	2.00	2.34	2.00	2.34
Down	ENSMUSG00000085333	-2.74	3.96E-04	1700030A11Rik	antisense	3.50	3.83	3.23	3.65	2.00	2.53	2.63	2.24
Down	ENSMUSG00000111415	-1.57	3.99E-04	Gm39325	antisense	4.39	4.31	4.24	4.25	3.04	3.69	3.00	2.99
Down	ENSMUSG00000101156	-1.87	4.08E-04	Gm29114	antisense	4.62	3.78	4.05	4.02	3.29	3.17	2.00	3.06
Down	ENSMUSG00000115529	-1.30	4.24E-04	9630013A20Rik	antisense	4.51	4.93	5.02	4.89	3.23	3.28	4.54	3.78
Down	ENSMUSG00000084860	-5.43	4.51E-04	2610204G07Rik	antisense	2.75	3.11	2.54	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115610	-2.96	4.60E-04	Gm31251	antisense	2.65	2.76	3.01	3.55	2.00	2.24	2.00	2.44
Down	ENSMUSG00000027196	-2.14	4.61E-04	Alkbh3os1	antisense	2.75	3.33	3.70	3.39	2.57	2.00	2.45	2.62
Down	ENSMUSG00000086121	-3.47	4.73E-04	Gm16068	antisense	2.94	3.39						

Down	ENSMUSG00000107439	-4.74	4.95E-04	Gm45060	antisense	2.54	2.95	2.54	3.08	2.00	2.00	2.00	2.12
Down	ENSMUSG00000086881	-4.89	5.00E-04	Gm13594	antisense	2.75	2.76	2.74	3.15	2.00	2.00	2.00	2.12
Down	ENSMUSG00000097009	-2.16	5.09E-04	Gm26861	antisense	4.29	4.31	4.30	4.31	2.13	3.56	2.13	3.23
Down	ENSMUSG000000087103	-2.77	5.12E-04	Gm13344	antisense	3.96	2.86	3.89	3.82	2.00	2.34	2.13	2.85
Down	ENSMUSG000000113576	-4.55	5.17E-04	Gm47658	antisense	2.43	2.95	2.29	2.00	2.00	2.00	2.00	2.14
Down	ENSMUSG000000101555	-1.12	5.19E-04	Gm28731	antisense	5.57	5.12	5.34	5.20	3.64	4.27	4.04	5.06
Down	ENSMUSG000000115958	-3.58	5.20E-04	493058J15Rik	antisense	2.75	3.46	3.16	2.77	2.00	2.00	2.13	2.34
Down	ENSMUSG000000115244	-2.74	5.37E-04	Gm49002	antisense	3.25	3.52	3.23	2.94	2.24	2.24	2.24	2.62
Down	ENSMUSG000000110831	-2.44	5.40E-04	Gm48159	antisense	4.15	5.04	4.82	4.58	2.74	2.24	2.35	3.95
Down	ENSMUSG000000112663	-1.55	5.58E-04	C630031E19Rik	antisense	3.61	4.97	5.11	4.53	2.74	3.52	4.00	3.44
Up	ENSMUSG000000085695	1.06	5.82E-04	Gm15243	antisense	4.48	3.88	3.84	4.15	4.56	5.14	5.20	4.97
Down	ENSMUSG000000085839	-3.38	5.92E-04	Gm15949	antisense	3.44	2.43	2.54	3.21	2.47	2.00	2.00	2.00
Down	ENSMUSG000000114917	-4.42	5.94E-04	Gm48250	antisense	3.02	2.95	3.36	2.49	2.00	2.00	2.00	2.24
Down	ENSMUSG000000086484	-1.49	5.99E-04	Nron	antisense	4.11	3.68	4.01	3.39	3.64	2.00	3.00	2.62
Down	ENSMUSG000000085245	-4.97	6.00E-04	Gm11713	antisense	2.16	2.76	2.93	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG000000114585	-3.80	6.04E-04	Gm32401	antisense	3.31	2.95	3.49	3.65	2.13	2.00	2.00	2.44
Down	ENSMUSG000000079143	-2.52	6.16E-04	Abx111os1	antisense	2.65	3.03	2.93	3.39	2.00	2.44	2.00	2.44
Up	ENSMUSG000000093390	1.65	6.42E-04	Gm20652	antisense	3.67	3.33	3.43	2.59	4.00	4.83	4.61	4.33
Down	ENSMUSG000000100199	-1.66	6.55E-04	Gm20324	antisense	3.44	3.11	3.93	3.33	2.66	2.92	2.00	2.65
Down	ENSMUSG000000100269	-4.71	6.92E-04	Gm28782	antisense	3.10	2.86	2.42	2.69	2.00	2.00	2.00	2.17
Down	ENSMUSG000000085175	-3.74	7.18E-04	Gm11423	antisense	3.02	3.52	3.16	3.55	2.00	2.00	2.00	2.34
Down	ENSMUSG000000098729	-2.01	7.38E-04	Gm27200	antisense	3.38	3.33	3.23	3.27	2.25	2.00	3.00	2.34
Down	ENSMUSG000000086032	-3.28	7.48E-04	Gm15929	antisense	3.18	3.57	3.30	2.69	2.00	2.24	2.00	2.44
Down	ENSMUSG000000108196	-5.42	7.52E-04	Gm36328	antisense	2.54	2.55	2.15	3.50	2.00	2.00	2.00	2.00
Down	ENSMUSG000000097805	-2.27	7.62E-04	Gm17473	antisense	3.77	4.61	4.27	3.78	3.04	2.00	2.86	2.99
Down	ENSMUSG00000010463	-3.03	7.85E-04	Gm28750	antisense	2.43	3.33	3.70	3.08	2.13	2.53	2.00	2.12
Down	ENSMUSG000000086315	-4.18	7.90E-04	Ar14aos	antisense	3.25	3.68	2.84	2.69	2.00	2.12	2.00	2.24
Down	ENSMUSG000000115518	-1.96	8.00E-04	Gm10791	antisense	4.29	4.72	5.11	4.12	3.69	2.44	2.24	3.81
Down	ENSMUSG000000090860	-1.67	8.26E-04	Gm17134	antisense	3.99	3.73	3.75	4.09	2.24	2.54	2.99	2.99
Down	ENSMUSG000000084987	-3.92	8.93E-04	Gm13134	antisense	3.81	3.19	3.01	2.77	2.00	2.00	2.00	2.44
Down	ENSMUSG000000086233	-1.99	9.31E-04	Gm11816	antisense	2.85	3.03	3.49	3.27	2.00	2.00	2.00	2.85
Down	ENSMUSG000000097111	-1.13	9.47E-04	Peak1os	antisense	5.06	4.82	4.75	3.85	4.30	3.07	4.31	4.31
Down	ENSMUSG000000092616	-2.00	9.69E-04	493213D19Rik	antisense	3.56	3.78	4.39	3.33	3.94	2.12	2.00	2.17
Down	ENSMUSG000000086701	-4.17	9.79E-04	Gm13585	antisense	2.00	2.55	2.42	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG000000104872	-4.15	9.81E-04	1700008B11Rik	antisense	2.85	2.95	3.09	2.49	2.00	2.00	2.00	2.24
Down	ENSMUSG000000054391	-2.89	1.00E-03	4930517O19Rik	antisense	3.02	2.30	3.02	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG000000109559	-3.49	1.01E-03	Gm34280	antisense	2.65	3.46	3.09	3.45	2.37	2.00	2.00	2.24
Down	ENSMUSG000000087539	-3.41	1.04E-03	Gm13584	antisense	2.00	3.68	3.70	3.27	2.00	2.00	2.00	2.34
Down	ENSMUSG000000089787	-5.12	1.05E-03	Gm15825	antisense	2.75	2.76	2.54	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG000000096991	-1.77	1.05E-03	Gm26789	antisense	2.85	3.39	3.23	3.15	2.00	2.78	2.54	2.34
Down	ENSMUSG000000097500	-3.21	1.10E-03	Gm26537	antisense	2.54	3.03	2.84	3.08	2.37	2.00	2.00	2.12
Down	ENSMUSG000000092286	-1.62	1.14E-03	Dtnbos	antisense	3.44	3.33	3.93	3.33	2.00	3.38	2.71	2.24
Down	ENSMUSG000000106719	-2.86	1.17E-03	Gm42556	antisense	3.10	2.55	2.84	2.94	2.00	2.13	2.44	2.44
Down	ENSMUSG000000109604	-2.73	1.17E-03	Gm45346	antisense	4.51	4.41	4.87	3.55	3.80	2.00	2.00	2.00
Down	ENSMUSG000000087530	-3.34	1.21E-03	Gm15533	antisense	3.18	3.46	2.74	3.01	2.12	2.00	2.00	2.00
Down	ENSMUSG000000100402	-4.62	1.22E-03	Gm28505	antisense	2.00	2.86	2.42	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG000000090839	-3.59	1.22E-03	Gm17094	antisense	3.59	4.01	3.80	2.86	2.00	2.00	2.00	2.24
Down	ENSMUSG000000087507	-5.04	1.24E-03	Gm16141	antisense	2.30	2.95	2.54	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG000000086872	-4.30	1.24E-03	Gm14225	antisense	2.43	2.16	2.54	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG000000089755	-5.14	1.25E-03	0610012D04Rik	antisense	2.94	3.11	2.00	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG000000084884	-2.74	1.28E-03	Gm12289	antisense	3.18	3.19	3.09	2.69	2.00	2.53	2.00	2.24
Down	ENSMUSG000000089730	-2.98	1.31E-03	1700007P06Rik	antisense	3.72	3.26	3.60	3.33	2.25	2.00	2.00	2.78
Down	ENSMUSG000000060808	-4.31	1.32E-03	B9d1os	antisense	2.54	2.55	3.43	3.01	2.00	2.00	2.00	2.24
Down	ENSMUSG000000109107	-4.85	1.33E-03	Gm44781	antisense	2.30	2.43	2.42	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG000000102027	-5.19	1.35E-03	Gm28914	antisense	2.54	2.95	2.74	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG000000054493	-1.68	1.38E-03	Gm9947	antisense	3.56	4.20	4.30	3.94	3.29	2.98	2.00	3.29
Down	ENSMUSG000000114438	-2.64	1.39E-03	Gm47827	antisense	2.30	2.66	3.30	3.08	2.24	2.00	2.44	2.44
Up	ENSMUSG000000086359	1.05	1.42E-03	9630013K17Rik	antisense	4.01	3.05	4.01	3.71	4.41	4.51	4.85	4.63
Down	ENSMUSG000000089849	-3.92	1.42E-03	Run2os2	antisense	2.65	4.03	2.29	2.94	2.00	2.00	2.00	2.24
Down	ENSMUSG000000113895	-1.89	1.42E-03	Gm48363	antisense	3.65	2.95	3.49	3.55	2.13	2.70	2.00	2.70
Down	ENSMUSG000000108648	-2.82	1.50E-03	Gm44674	antisense	2.94	2.76	3.01	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG000000092309	-4.18	1.52E-03	4930518C09Rik	antisense	2.85	2.43	2.64	2.38	2.00	2.00	2.00	2.12
Down	ENSMUSG000000085822	-4.17	1.52E-03	Gm15584	antisense	2.75	2.43	3.09	3.08	2.00	2.00	2.00	2.24
Up	ENSMUSG00000009568	1.56	1.53E-03	Gm28513	antisense	3.86	3.73	4.20	3.21	5.62	5.20	3.97	4.95
Down	ENSMUSG000000087086	-2.20	1.54E-03	Gm13269	antisense	3.10	3.19	3.43	4.02	2.90	2.53	2.00	2.34
Down	ENSMUSG000000087630	-4.47	1.70E-03	Gm11513	antisense	3.56	2.16	2.15	2.38	2.00	2.00	2.00	2.12
Down	ENSMUSG000000086942	-2.12	1.73E-03	Gm15489	antisense	3.38	4.41	3.54	3.55	3.40	2.12	2.00	2.62
Down	ENSMUSG000000086184	-2.41	1.75E-03	Gm12764	antisense	2.94	3.63	3.09	2.77	2.00	2.12	2.24	2.70
Down	ENSMUSG000000108883	-1.88	1.75E-03	Gm44623	antisense	2.94	3.63	3.43	3.60	2.47	2.00	2.86	2.70
Down	ENSMUSG000000114154	-2.76	1.76E-03	Gm48597	antisense	2.75	2.66	3.60	3.01	2.53	2.00	2.00	2.24
Down	ENSMUSG000000086350	-1.44	1.76E-03	B230369F24Rik	antisense	4.78	4.58	5.02	4.76	3.77	3.33	4.30	3.62
Down	ENSMUSG000000092448	-1.11	1.81E-03	Gm20387	antisense	4.18	5.23	5.05	4.70	2.74	3.94	4.50	4.08
Down	ENSMUSG000000097613	-2.53	1.82E-03	Gm17587	antisense	3.65	3.95	2.54	2.46	2.13	2.54	2.00	2.54
Down	ENSMUSG0000000937610	1.08	1.82E-03	A930012L18Rik	antisense	5.41	5.00	4.80	5.53	4.59	4.54	3.54	4.81
Up	ENSMUSG000000097250	2.16	1.85E-03	Gm26771	antisense	2.85	3.39	2.74	3.01	4.79	5.32	3.67	4.23
Down	ENSMUSG000000089709	-2.55	1.86E-03	Gm16262	antisense	3.67	3.57	2.74	3.45	2.90	2.00	2.00	2.34
Down	ENSMUSG000000093617	-1.65	1.86E-03	4933438K21Rik	antisense	5.06	5.33	4.95	4.67	3.55	4.24	3.07	3.74
Down	ENSMUSG000000102539	-3.86	1.88E-03	Gm37229	antisense	2.85	2.76	2.64	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG000000053889	-1.39	1.92E-03	Kirrel3os	antisense	3.77	3.78	3.70	3.33	2.74	3.11	2.45	3.06
Down	ENSMUSG000000111828	-1.72	1.93E-03	D830035M03Rik	antisense	4.70	4.24	3.97	4.25	2.66	3.33	3.54	2.85
Down	ENSMUSG000000086528	-3.83	1.95E-03	Gm15731	antisense	3.18	3.52	2.84	3.82	2.34	2.00	2.00	2.82
Down	ENSMUSG000000090244	-4.16	1.96E-03	Gm16572	antisense	2.30	2.30	2.93	2.69	2.00	2.00	2.13	2.00
Up	ENSMUSG000000087571	2.54	1.97E-03	Gm15202	antisense	2.30	2.30	2.64	2.77	2.37	4.24	4.24	3.78
Down	ENSMUSG000000097360	-1.78	1.98E-03	9430065F17Rik	antisense	3.77	4.17	4.17	4.31	2.00	3.17	3.24	3.17
Down	ENSMUSG000000075558	-4.30	2.00E-03	Gm17151	antisense	2.00	2.66	2.42	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG000000114373	-4.26	2.01E-03										

Down	ENSMUSG00000100980	-2.57	2.18E-03	Gm29100	antisense	3.81	4.01	4.20	3.90	2.00	2.53	3.19	2.34
Down	ENSMUSG00000112766	-4.89	2.20E-03	Gm40645	antisense	2.94	2.55	3.54	3.65	2.13	2.12	2.00	2.00
Down	ENSMUSG00000074763	-2.62	2.21E-03	Macro2os2	antisense	2.75	3.39	3.65	3.90	2.00	3.05	2.00	2.12
Up	ENSMUSG00000089796	1.18	2.26E-03	Gm16575	antisense	4.03	4.79	4.01	3.82	5.51	5.13	5.24	4.88
Down	ENSMUSG00000074508	-5.00	2.29E-03	Gm10706	antisense	2.85	2.66	2.42	3.50	2.00	2.00	2.13	2.00
Down	ENSMUSG00000070574	-2.38	2.31E-03	Z310016511Rik	antisense	3.95	3.63	3.30	3.82	2.00	2.70	2.00	3.06
Down	ENSMUSG00000086297	-3.86	2.45E-03	Gm15632	antisense	2.30	2.30	2.30	3.11	2.00	2.36	2.00	2.24
Down	ENSMUSG00000101411	-2.26	2.46E-03	Gm28111	antisense	3.25	3.39	3.36	3.60	2.66	2.44	2.45	2.12
Down	ENSMUSG00000086889	-1.87	2.46E-03	PHf2os1	antisense	3.25	3.78	3.36	3.69	2.00	2.70	2.93	2.62
Down	ENSMUSG00000108190	-4.81	2.60E-03	Gm44731	antisense	2.43	3.19	2.84	2.77	2.00	2.12	2.00	2.00
Down	ENSMUSG00000093695	-3.79	2.67E-03	Gm20717	antisense	2.16	2.55	3.01	2.94	2.25	2.00	2.00	2.00
Down	ENSMUSG00000090101	-2.65	2.67E-03	Shng9	antisense	2.85	2.76	3.16	3.50	2.00	2.00	2.79	2.00
Down	ENSMUSG00000085055	-1.69	2.69E-03	Gm15958	antisense	4.26	4.50	4.01	4.50	2.66	3.33	3.35	3.23
Down	ENSMUSG00000104106	-1.59	2.72E-03	Gm10848	antisense	3.81	4.44	4.34	4.15	3.64	3.28	2.00	3.17
Down	ENSMUSG00000085352	-5.37	2.74E-03	Gm4128	antisense	2.00	3.46	2.29	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000087240	-2.77	2.74E-03	Gm15976	antisense	2.65	2.95	2.93	2.77	2.00	2.00	2.00	2.54
Down	ENSMUSG00000086992	-1.11	2.75E-03	Gm15941	antisense	3.91	4.34	4.46	3.50	3.69	3.33	3.24	2.99
Down	ENSMUSG00000086014	-4.54	2.77E-03	Gm16095	antisense	2.85	3.19	2.15	2.49	2.00	2.00	2.00	2.12
Up	ENSMUSG00000072999	-2.10	2.81E-03	Gm15401	antisense	3.44	4.34	4.17	3.90	3.50	2.00	2.00	2.99
Up	ENSMUSG00000085009	1.76	2.85E-03	Gm12977	antisense	3.72	2.66	3.16	3.27	4.54	4.27	4.40	4.75
Up	ENSMUSG00000087399	1.23	2.87E-03	Gm11859	antisense	3.73	4.30	3.74	3.74	4.99	5.52	5.08	3.66
Down	ENSMUSG00000106005	-2.12	2.87E-03	Gm29151	antisense	3.77	3.88	3.89	4.05	2.00	3.43	2.00	2.85
Down	ENSMUSG00000085418	-2.02	2.88E-03	Grip1os1	antisense	2.75	3.52	3.49	3.69	2.00	3.05	2.00	2.62
Down	ENSMUSG00000105489	-2.17	2.90E-03	Gm38562	antisense	3.67	4.13	3.36	4.25	3.35	2.85	2.00	2.12
Down	ENSMUSG00000085130	-3.10	2.92E-03	Gm11417	antisense	2.94	2.86	3.01	2.49	2.00	2.24	2.00	2.24
Down	ENSMUSG00000087106	-4.87	2.93E-03	Gm13964	antisense	2.43	3.11	2.15	3.39	2.00	2.12	2.00	2.00
Down	ENSMUSG00000089957	-1.02	2.93E-03	A830011K09Rik	antisense	4.29	4.91	5.29	4.13	4.22	3.50	4.41	4.11
Down	ENSMUSG00000113885	-3.19	3.10E-03	Gm47802	antisense	2.75	2.43	3.54	2.49	2.13	2.00	2.00	2.34
Up	ENSMUSG00000043168	1.73	3.17E-03	4930426D05Rik	antisense	2.75	3.33	3.30	3.21	4.56	3.56	4.04	4.92
Down	ENSMUSG00000085244	-2.75	3.21E-03	Spag17os	antisense	3.72	4.20	4.13	4.67	2.57	2.70	2.00	3.06
Down	ENSMUSG00000087692	-3.27	3.26E-03	Gm11940	antisense	3.25	2.95	3.36	2.59	2.00	2.00	2.00	2.54
Down	ENSMUSG00000107102	-2.67	3.26E-03	Gm42726	antisense	2.65	3.26	2.74	2.38	2.00	2.00	2.54	2.00
Down	ENSMUSG00000085047	-2.19	3.33E-03	49305423Rik	antisense	3.51	4.52	3.54	3.59	2.47	2.42	2.92	2.92
Down	ENSMUSG00000085026	-2.00	3.38E-03	Srrm5	antisense	2.54	2.55	2.15	2.49	2.00	2.00	2.12	2.00
Down	ENSMUSG00000051805	-4.32	3.40E-03	A530095I07Rik	antisense	2.16	2.55	2.74	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000086761	-1.83	3.46E-03	Cep112os1	antisense	4.03	4.67	4.20	4.48	2.24	3.77	3.45	2.44
Down	ENSMUSG00000107766	-4.84	3.56E-03	Gm44073	antisense	2.00	2.55	2.42	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000080727	-1.46	3.61E-03	C920021L13Rik	antisense	4.75	4.13	4.46	4.85	3.33	2.33	2.79	4.25
Down	ENSMUSG00000105784	-2.71	3.69E-03	Gm35065	antisense	3.81	3.33	3.70	3.27	2.00	2.12	2.00	3.06
Down	ENSMUSG00000085459	-2.02	3.86E-03	Gm12272	antisense	2.75	2.76	2.93	3.01	2.00	2.78	2.00	2.12
Down	ENSMUSG00000085239	-2.30	3.87E-03	Gm12150	antisense	3.99	3.68	3.80	3.55	2.82	2.00	3.13	2.00
Down	ENSMUSG00000090075	-4.83	3.89E-03	Gm16251	antisense	2.85	2.43	2.74	2.00	2.14	2.00	2.00	2.00
Down	ENSMUSG00000108006	-2.16	3.89E-03	Gm44418	antisense	3.02	2.66	3.49	2.38	2.47	2.12	2.00	2.44
Down	ENSMUSG00000079048	-3.73	3.99E-03	4933413L06Rik	antisense	2.54	2.00	3.97	3.86	2.00	2.00	2.00	2.54
Down	ENSMUSG00000101585	-2.89	4.05E-03	1600010M07Rik	antisense	3.56	3.46	4.09	3.08	2.34	2.00	2.00	2.85
Down	ENSMUSG00000114230	-1.63	4.05E-03	Gm48239	antisense	4.48	4.34	5.19	4.91	4.03	2.00	3.79	3.57
Down	ENSMUSG00000086053	-4.34	4.07E-03	Gm15178	antisense	2.43	2.86	2.29	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089941	-1.31	4.12E-03	Gm16168	antisense	4.07	4.27	3.80	3.39	3.04	3.28	3.35	2.54
Down	ENSMUSG00000108012	-3.17	4.21E-03	Gm44012	antisense	3.10	2.43	2.64	3.15	2.00	2.00	2.00	2.44
Down	ENSMUSG00000087035	-2.96	4.25E-03	Tmem74bos	antisense	3.18	3.33	3.23	3.98	2.25	2.62	2.00	2.24
Down	ENSMUSG00000089781	-1.32	4.28E-03	Gm15756	antisense	3.99	3.68	3.80	4.02	3.04	2.98	3.07	3.12
Up	ENSMUSG00000097836	1.06	4.31E-03	Gm26903	antisense	3.86	4.01	4.46	4.96	5.81	5.10	5.11	5.03
Down	ENSMUSG00000109307	-4.18	4.31E-03	Gm44700	antisense	2.65	2.30	3.49	2.00	2.00	2.12	2.13	2.12
Up	ENSMUSG00000106969	1.59	4.37E-03	Gm42882	antisense	2.65	3.57	2.84	2.69	4.56	3.98	3.71	3.44
Down	ENSMUSG00000084804	-4.06	4.41E-03	1700095J12Rik	antisense	2.00	2.76	2.42	2.00	2.14	2.00	2.00	2.00
Down	ENSMUSG00000107429	-2.46	4.56E-03	Gm44206	antisense	3.44	3.73	3.01	3.55	2.00	2.00	2.45	2.92
Down	ENSMUSG00000085732	-1.95	4.68E-03	Gm4279	antisense	2.75	2.43	3.16	3.16	2.00	2.53	2.00	2.54
Down	ENSMUSG00000115145	-2.76	4.75E-03	Gm35166	antisense	2.16	3.11	3.54	2.59	2.00	2.24	2.00	2.44
Up	ENSMUSG00000106526	1.29	4.79E-03	Gm42604	antisense	3.38	2.76	3.80	2.86	4.42	4.16	4.16	4.57
Down	ENSMUSG00000115787	-3.33	4.79E-03	Gm36146	antisense	2.43	3.03	2.54	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115092	-3.01	4.84E-03	Gm49189	antisense	3.67	2.86	2.93	2.69	2.00	2.00	2.00	2.62
Down	ENSMUSG00000090033	-2.60	4.89E-03	Gm16243	antisense	2.94	2.55	3.09	2.38	2.57	2.00	2.00	2.00
Down	ENSMUSG00000107427	-1.54	5.05E-03	Gm43948	antisense	3.44	3.46	3.65	3.21	2.37	2.44	2.45	3.23
Down	ENSMUSG00000104234	-6.08	5.23E-03	5330439B14Rik	antisense	2.94	3.11	3.36	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000086175	-2.20	5.23E-03	Gm15802	antisense	2.54	3.19	3.16	2.86	2.00	2.34	2.63	2.00
Down	ENSMUSG00000090252	-2.21	5.26E-03	Gm16028	antisense	3.77	4.67	4.43	4.15	2.66	2.85	2.54	3.34
Down	ENSMUSG00000104945	-2.13	5.26E-03	Gm35715	antisense	2.85	4.34	2.84	3.21	3.17	2.00	2.13	2.34
Down	ENSMUSG00000104441	-4.23	5.29E-03	Gm35801	antisense	3.56	3.63	3.49	3.01	2.00	2.00	2.45	2.00
Down	ENSMUSG00000109491	-2.27	5.29E-03	Gm15396	antisense	3.02	3.97	3.30	3.60	2.00	2.70	2.00	2.92
Down	ENSMUSG00000087484	-2.03	5.31E-03	2900089D17Rik	antisense	3.02	2.66	3.23	3.50	2.00	2.44	2.00	2.85
Down	ENSMUSG00000105130	-3.93	5.35E-03	Gm43825	antisense	2.30	3.19	2.74	2.69	2.00	2.24	2.00	2.00
Down	ENSMUSG00000090003	-3.83	5.39E-03	Gm15882	antisense	3.61	3.88	3.16	3.45	2.00	2.62	2.00	2.00
Down	ENSMUSG0000011878	-1.90	5.41E-03	8430432I02Rik	antisense	3.02	2.43	3.16	3.16	2.13	2.62	2.13	2.44
Down	ENSMUSG00000038491	1.01	5.41E-03	Cdk19os	antisense	4.65	4.44	4.44	4.69	3.82	3.40	3.97	3.74
Down	ENSMUSG00000073843	-2.16	5.44E-03	Gm12542	antisense	3.10	3.03	2.54	3.01	2.00	2.78	2.00	2.12
Down	ENSMUSG00000085538	-4.15	5.46E-03	Gm11455	antisense	2.65	2.43	2.29	2.86	2.00	2.00	2.00	2.12
Down	ENSMUSG00000112828	-1.79	5.55E-03	Gm48495	antisense	3.31	3.26	3.49	3.01	2.12	3.21	3.24	2.12
Down	ENSMUSG00000090200	-3.67	5.70E-03	1700025N21Rik	antisense	2.85	2.95	2.00	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG00000100053	-2.29	5.77E-03	Gm28154	antisense	3.44	4.17	3.60	3.82	2.92	2.63	2.63	2.44
Down	ENSMUSG00000089889	-1.59	5.81E-03	0610040B10Rik	antisense	3.95	3.88	4.27	4.05	3.55	2.53	2.13	3.44
Down	ENSMUSG00000093502	-2.89	5.89E-03	Gm20700	antisense	2.75	3.11	3.09	3.45	2.00	2.34	2.00	2.44
Down	ENSMUSG00000085383	-2.49	5.91E-03	Gm14218	antisense	2.75	2.95	3.23	2.69	2.00	2.44	2.00	2.34
Down	ENSMUSG00000105820	-5.33	5.96E-03	Gm43400	antisense	2.43	3.26	2.74	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000084834	-1.33	5.98E-03	4930565N06Rik	antisense	3.44	3.52	2.93	3.86	2.57	2.24	3.24	2.85
Down	ENSMUSG00000107902	-2.07	5.99E-03	Gm32592	antisense	3.02	3.11	3.49	3.65	2.00	2.70	2.00	2.54
Down	ENSMUSG00000107353	-3.78	6.03E-03	4930430D22Rik	antisense	3.02	2.43	2.43	3.01	2.00	2.00</		

Down	ENSMUSG00000087120	-2.10	6.47E-03	Gm12279	antisense	3.10	3.57	2.84	3.15	2.47	2.00	2.00	2.85
Down	ENSMUSG00000114050	-3.71	6.50E-03	Gm47666	antisense	2.75	2.43	2.29	2.27	2.00	2.00	2.00	2.12
Down	ENSMUSG00000099994	-4.68	6.52E-03	1700024B18Rik	antisense	2.30	2.43	2.29	2.29	2.94	2.00	2.00	2.00
Down	ENSMUSG000000099760	-1.01	6.53E-03	Gm28800	antisense	4.62	4.53	4.73	4.80	4.03	4.16	3.79	3.44
Down	ENSMUSG000000099632	-2.03	6.61E-03	290009K320Rik	antisense	3.81	3.68	3.30	3.39	2.13	2.44	3.24	2.44
Down	ENSMUSG000000028612	-3.76	6.62E-03	Lrp8os1	antisense	3.10	2.76	2.64	2.14	2.00	2.00	2.00	2.24
Down	ENSMUSG000000086156	-1.85	6.77E-03	Gm15338	antisense	3.38	3.39	3.09	3.15	2.00	2.00	2.00	2.32
Down	ENSMUSG000000098127	-3.04	6.91E-03	Gm4665	antisense	3.10	2.43	2.84	2.77	2.00	2.00	2.00	2.44
Down	ENSMUSG000000085135	-1.05	6.98E-03	Gm13713	antisense	4.42	4.82	4.78	4.28	4.03	3.73	2.93	4.14
Down	ENSMUSG000000086462	-5.82	7.05E-03	Gm13990	antisense	3.02	2.86	2.42	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102114	-2.28	7.05E-03	BC048559	antisense	2.75	3.39	2.74	3.50	2.00	2.24	2.00	2.85
Down	ENSMUSG00000104829	-4.08	7.15E-03	Gm43685	antisense	2.30	2.86	2.29	2.69	2.13	2.00	2.00	2.00
Down	ENSMUSG00000091283	-4.19	7.21E-03	Gm17234	antisense	2.16	2.43	2.64	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085189	-4.42	7.27E-03	Gm11963	antisense	2.30	2.30	2.84	3.08	2.00	2.00	2.00	2.12
Down	ENSMUSG00000113104	-2.26	7.43E-03	Gm47806	antisense	2.30	3.26	3.89	2.94	2.00	2.12	2.93	2.12
Down	ENSMUSG000000086417	-4.54	7.49E-03	Gm12996	antisense	2.43	2.76	2.15	3.27	2.00	2.12	2.00	2.12
Down	ENSMUSG00000116665	-2.24	7.53E-03	E130310I04Rik	antisense	3.10	2.66	3.60	3.86	2.00	2.62	2.00	2.85
Down	ENSMUSG000000086569	-2.50	7.64E-03	Rab11fp4os2	antisense	2.00	3.11	2.00	2.84	3.08	2.53	2.00	2.00
Down	ENSMUSG000000089647	-1.28	7.65E-03	Gm2245	antisense	4.45	3.97	4.43	4.12	3.50	3.69	2.54	3.44
Down	ENSMUSG000000059532	-4.25	7.69E-03	Gm15556	antisense	2.00	2.16	2.29	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG000000737729	-1.97	7.69E-03	Tmem51os1	antisense	3.81	3.39	3.30	3.55	3.07	3.12	3.07	2.12
Down	ENSMUSG00000111189	-2.50	7.80E-03	Gm48293	antisense	3.10	2.95	2.29	2.38	2.00	2.12	2.00	2.44
Down	ENSMUSG000000086675	-1.07	7.90E-03	Pknox4os2	antisense	3.67	4.34	4.17	4.22	4.03	3.47	2.86	2.78
Down	ENSMUSG00000097840	-1.85	7.94E-03	Gm26756	antisense	3.72	3.46	3.84	3.15	2.00	2.53	2.71	3.06
Down	ENSMUSG00000085499	-1.55	7.95E-03	Gm15713	antisense	3.10	3.11	3.30	3.21	2.47	2.44	2.93	2.12
Down	ENSMUSG00000102845	-4.67	8.04E-03	Gm38033	antisense	2.16	2.30	2.54	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108950	-2.98	8.15E-03	9130015G15Rik	antisense	2.94	2.66	2.54	2.94	2.00	2.00	2.00	2.44
Down	ENSMUSG00000101636	-4.55	8.21E-03	4930579H20Rik	antisense	2.75	3.26	2.64	3.39	2.00	2.00	2.24	2.24
Down	ENSMUSG00000054909	-2.55	8.27E-03	Wbscr25	antisense	2.85	3.46	3.60	3.78	2.00	2.62	2.00	2.00
Down	ENSMUSG000000086125	-2.99	8.28E-03	Gm15942	antisense	2.54	2.76	2.15	2.94	2.37	2.00	2.00	2.00
Down	ENSMUSG000000086438	-5.47	8.32E-03	Asb17os	antisense	2.75	2.55	3.01	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113100	-2.13	8.45E-03	Gm48754	antisense	2.54	2.95	2.64	3.15	2.00	2.00	2.00	2.78
Down	ENSMUSG000000059514	-1.48	8.49E-03	Atad3aos	antisense	3.44	4.20	3.60	3.57	3.00	3.57	3.38	3.12
Down	ENSMUSG00000101242	-2.46	8.49E-03	Gm28319	antisense	2.30	2.56	2.00	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG000000085847	-1.59	8.66E-03	Gm14540	antisense	4.22	3.63	3.75	3.65	3.45	3.33	2.00	2.24
Down	ENSMUSG000000087564	-2.03	8.69E-03	Gm11817	antisense	3.44	2.43	3.60	2.77	2.00	2.85	2.00	2.44
Down	ENSMUSG00000029331	-3.51	8.75E-03	4930522N08Rik	antisense	2.65	2.30	2.64	2.77	2.00	2.00	2.00	2.24
Down	ENSMUSG000000087698	-1.24	9.16E-03	Gm13031	antisense	5.54	5.25	5.02	4.89	4.25	3.38	3.90	4.74
Down	ENSMUSG000000085284	-2.85	9.20E-03	Gm16189	antisense	2.85	2.43	2.64	2.94	2.00	2.00	2.35	2.12
Down	ENSMUSG000000085118	-1.04	9.53E-03	Gm15774	antisense	5.12	4.41	4.37	4.53	3.50	3.43	4.61	3.34
Down	ENSMUSG00000090002	-3.22	9.65E-03	Gm16006	antisense	2.65	2.16	3.16	2.69	2.00	2.24	2.00	2.12
Up	ENSMUSG000000092418	1.13	9.73E-03	Gm20406	antisense	3.44	3.88	3.70	3.98	4.70	4.07	5.26	4.23
Down	ENSMUSG000000087258	-3.69	9.73E-03	Gm15461	antisense	2.16	2.43	2.64	2.49	2.00	2.00	2.12	2.12
Up	ENSMUSG000000086838	1.57	9.74E-03	Gm16212	antisense	2.85	3.11	2.54	3.33	3.17	3.80	4.50	4.11
Down	ENSMUSG00000106093	-1.97	9.81E-03	Gm42722	antisense	2.75	4.01	3.23	3.00	2.24	3.07	2.54	2.44
Down	ENSMUSG00000111256	-2.87	9.84E-03	Gm48094	antisense	3.50	2.95	2.74	3.15	2.13	2.24	2.00	2.44
Up	ENSMUSG000000052447	1.41	2.31E-23	Gm9539	bidirectional_promoter_lncRNA	5.75	5.35	5.60	5.69	7.11	6.69	6.62	6.08
Up	ENSMUSG00000112627	-2.98	2.38E-20	4933412E12Rik	bidirectional_promoter_lncRNA	5.81	5.30	5.26	5.14	3.29	3.22	2.71	3.29
Up	ENSMUSG000000097445	1.16	2.09E-18	Gm26631	bidirectional_promoter_lncRNA	6.73	6.84	7.05	6.95	8.04	8.73	7.89	8.99
Down	ENSMUSG00000074235	-1.70	6.22E-11	Gm10649	bidirectional_promoter_lncRNA	6.57	6.10	6.61	6.08	3.96	5.04	4.69	5.25
Down	ENSMUSG00000097157	-2.69	7.45E-10	Gm26512	directional_promoter_lncRNA	5.02	4.91	4.49	5.31	2.47	3.83	3.06	3.69
Up	ENSMUSG000000086448	1.13	5.09E-07	9330162012Rik	bidirectional_promoter_lncRNA	5.36	5.40	5.29	5.57	5.81	6.76	6.59	6.54
Down	ENSMUSG00000097162	-2.04	5.78E-07	2310010J17Rik	bidirectional_promoter_lncRNA	4.70	4.58	4.87	4.53	3.35	2.62	3.40	3.34
Down	ENSMUSG00000100017	-1.52	2.04E-06	2410022M11Rik	bidirectional_promoter_lncRNA	4.70	4.86	5.02	4.91	3.50	3.61	3.35	4.14
Down	ENSMUSG00000112641	-4.86	6.57E-06	Gm40709	bidirectional_promoter_lncRNA	3.91	3.83	3.16	2.00	3.24	2.00	2.00	2.00
Down	ENSMUSG00000097007	-2.05	1.87E-05	4930432B10Rik	bidirectional_promoter_lncRNA	3.99	4.72	4.20	3.86	2.82	2.53	2.93	3.29
Down	ENSMUSG00000112346	-1.64	2.01E-05	Gm48768	bidirectional_promoter_lncRNA	4.70	4.93	4.68	4.70	3.52	3.40	3.82	4.91
Up	ENSMUSG00000097286	-1.45	2.27E-05	Gm26684	bidirectional_promoter_lncRNA	5.60	5.15	4.97	5.42	3.89	3.28	4.30	4.59
Up	ENSMUSG000000097541	1.96	2.91E-05	Gm26902	bidirectional_promoter_lncRNA	3.99	4.74	4.13	4.09	5.72	5.98	6.59	5.38
Down	ENSMUSG00000097590	-6.40	9.76E-05	Gm5432	bidirectional_promoter_lncRNA	3.25	2.86	3.43	3.50	2.00	2.00	2.00	2.00
Down	ENSMUSG00000074024	-1.67	1.72E-04	4632427E13Rik	bidirectional_promoter_lncRNA	4.65	4.67	4.87	4.70	3.64	3.80	2.00	2.00
Down	ENSMUSG00000115810	-1.56	2.24E-04	Gm49066	bidirectional_promoter_lncRNA	3.56	3.73	3.60	4.22	3.04	2.92	2.79	2.78
Down	ENSMUSG00000074357	-1.62	8.31E-04	AA386476	bidirectional_promoter_lncRNA	3.95	3.78	3.75	4.28	2.97	3.17	3.13	2.44
Down	ENSMUSG00000097835	-1.02	1.86E-03	Gm26910	directional_promoter_lncRNA	3.95	4.84	5.02	4.55	3.11	4.13	4.10	3.81
Down	ENSMUSG00000097699	-2.05	2.01E-03	5430400D12Rik	bidirectional_promoter_lncRNA	2.94	3.97	4.13	3.90	3.04	2.00	2.45	2.99
Down	ENSMUSG00000112347	-3.69	2.64E-03	Gm47257	bidirectional_promoter_lncRNA	2.94	2.66	3.09	2.94	2.00	2.00	2.00	2.34
Down	ENSMUSG00000092536	-1.35	5.17E-03	Gm20501	bidirectional_promoter_lncRNA	4.29	3.68	4.46	4.34	3.50	3.77	2.35	3.57
Down	ENSMUSG00000114099	-2.77	7.14E-03	Gm48695	bidirectional_promoter_lncRNA	3.56	3.19	2.93	3.86	2.00	2.62	2.00	2.14
Down	ENSMUSG00000085945	-2.54	7.20E-03	2310014F06Rik	bidirectional_promoter_lncRNA	3.56	3.19	3.54	3.45	2.13	2.00	2.00	3.06
Down	ENSMUSG00000097223	-2.04	7.72E-03	Gm2449	bidirectional_promoter_lncRNA	3.31	2.43	3.54	3.08	2.34	2.24	2.00	2.00
Down	ENSMUSG00000074052	-2.86	7.74E-03	BC048644	bidirectional_promoter_lncRNA	3.31	3.63	3.75	3.21	2.25	2.24	2.00	2.70
Down	ENSMUSG000000092341	-4.37	7.98E-218	Malat1	lincRNA	16.94	16.64	16.46	16.90	12.53	12.14	12.24	12.56
Down	ENSMUSG000000097545	-2.75	1.73E-159	Mir124a-1hg	lincRNA	8.74	8.87	9.21	9.05	6.87	6.21	6.33	6.27
Down	ENSMUSG00000115783	-1.67	6.71E-136	Bc1	lincRNA	14.81	14.70	14.38	14.95	7.20	7.23	7.84	7.84
Down	ENSMUSG00000102869	-1.67	3.84E-107	2900097C17Rik	lincRNA	13.55	13.64	13.67	13.67	12.04	11.98	11.98	11.95
Down	ENSMUSG00000099696	-3.93	1.67E-98	2900052N01Rik	lincRNA	8.72	8.91	8.56	8.61	4.13	5.45	4.75	5.17
Down	ENSMUSG00000087038	-2.29	1.95E-81	2900079G21Rik	lincRNA	7.51	7.46	7.35	7.40	5.23	5.13	5.71	4.85
Down	ENSMUSG00000021268	-2.35	2.69E-80	Meg3	lincRNA	12.11	12.43	12.84	12.62	9.95	10.23	10.22	10.30
Down	ENSMUSG00000092274	-2.37	5.65E-70	Neat1	lincRNA	8.66	8.68	8.69	8.55	6.56	6.40	6.50	5.75
Down	ENSMUSG00000097736	-2.95	1.50E-66	9530059O14Rik	lincRNA	6.68	7.23	7.34	7.23	4.31	3.87	4.63	4.81
Down	ENSMUSG00000112117	-3.29	2.17E-59	Rmst	lincRNA	7.42	7.45	7.33	7.40	4.86	4.37	3.40	4.53
Down	ENSMUSG00000098097	-3.94	2.44E-50	6530403H02Rik	lincRNA	6.63	6.48	6.35	6.86	3.40	3.56	3.13	3.17
Up	ENSMUSG00000100113	1.86	1.18E-46	Gm28592	lincRNA	6.84	6.60	6.56	6.84	8.30	8.82	8.44	8.52
Down	ENSMUSG000000029878	-1.59	1.05E-39	Dbpht2	lincRNA	9.67	9.85	9.58	10.01	7.76	8.31	8.18	8.48
Down	ENSMUSG00000097986	-2.02	1.21E-37</										

Down	ENSMUSG00000097452	-2.56	4.89E-32	Gm2824	lincRNA	5.96	6.75	6.61	6.31	4.16	4.35	3.83	4.31
Down	ENSMUSG00000100252	-1.40	8.42E-31	Mir124-2hg	lincRNA	7.97	8.06	8.12	8.16	6.77	6.75	6.75	6.58
Down	ENSMUSG00000022639	-1.83	3.44E-29	Dubr	lincRNA	7.31	7.15	7.05	7.25	5.58	5.18	5.29	5.71
Down	ENSMUSG00000098202	-2.33	9.60E-29	B830012L14Rik	lincRNA	5.29	5.26	5.64	5.94	3.64	3.38	3.75	3.81
Down	ENSMUSG00000102336	-2.65	1.04E-28	Gm37233	lincRNA	6.75	6.53	6.70	6.49	4.19	3.33	4.19	4.88
Down	ENSMUSG00000097683	-3.60	8.37E-28	Gm26644	lincRNA	6.66	5.96	6.81	6.30	3.64	3.69	3.00	3.39
Down	ENSMUSG00000097156	-3.78	1.51E-27	Gm37634	lincRNA	6.80	6.73	6.73	6.24	5.43	5.40	5.43	5.42
Down	ENSMUSG00000097767	-2.10	5.39E-27	Miat	lincRNA	9.55	9.90	10.35	9.88	7.33	6.15	7.95	7.93
Down	ENSMUSG00000090086	-2.36	9.79E-26	AI480526	lincRNA	5.75	5.46	5.82	5.63	3.60	3.05	4.27	3.70
Down	ENSMUSG00000103983	-3.80	6.03E-25	Gm20045	lincRNA	5.66	6.05	5.92	5.97	3.11	3.28	2.00	3.29
Down	ENSMUSG00000068151	-1.48	3.11E-23	A230006K03Rik	lincRNA	8.10	8.11	8.08	8.15	7.06	6.45	6.22	6.82
Down	ENSMUSG00000104566	-2.47	3.91E-23	4921539H07Rik	lincRNA	6.65	6.59	6.69	5.75	4.03	4.35	4.47	4.08
Down	ENSMUSG00000052479	-2.04	5.17E-23	A330008L17Rik	lincRNA	5.94	5.97	6.41	6.29	4.80	4.27	4.13	4.14
Down	ENSMUSG00000106019	-3.29	7.43E-23	Gm43672	lincRNA	5.68	5.31	5.24	5.33	2.00	2.98	2.93	3.57
Down	ENSMUSG00000097772	-1.88	7.27E-22	5430416N02Rik	lincRNA	6.29	6.17	6.48	6.62	4.19	4.60	4.92	4.92
Down	ENSMUSG00000097265	-3.16	8.05E-22	Gm26803	lincRNA	4.54	5.41	5.17	5.40	2.12	2.54	3.17	3.17
Down	ENSMUSG00000086924	-3.21	2.06E-21	Gm11766	lincRNA	4.57	5.40	5.75	5.11	2.00	3.43	3.19	2.78
Down	ENSMUSG00000060424	-1.22	2.34E-21	Pantr1	lincRNA	8.45	8.35	8.31	8.07	7.12	7.23	7.06	7.02
Down	ENSMUSG00000044471	-1.86	2.56E-21	lincpnt1	lincRNA	7.23	7.36	7.31	7.31	5.22	5.84	5.92	4.95
Down	ENSMUSG00000085389	-3.17	4.70E-21	1700003M07Rik	lincRNA	5.06	5.12	5.13	5.05	2.90	2.92	2.71	2.92
Down	ENSMUSG00000086095	-3.68	7.81E-21	Gm15328	lincRNA	4.42	5.04	4.76	4.76	2.00	2.62	2.79	2.70
Down	ENSMUSG00000112941	-1.44	4.20E-20	Gm48623	lincRNA	7.91	7.87	7.93	7.71	5.96	6.59	6.61	6.59
Down	ENSMUSG00000110317	-3.11	9.80E-20	Gm45250	lincRNA	5.33	5.10	5.15	5.38	2.82	3.43	2.54	2.99
Down	ENSMUSG00000097280	-3.03	1.14E-19	AI849053	lincRNA	6.78	6.54	6.51	6.76	3.60	4.74	2.79	4.11
Down	ENSMUSG00000086290	-1.41	1.24E-19	Shhg12	lincRNA	7.13	7.01	6.70	7.06	5.65	5.59	5.63	5.72
Down	ENSMUSG00000087475	-2.51	4.09E-19	4933406I18Rik	lincRNA	5.79	5.75	5.81	5.54	3.64	4.10	2.93	3.70
Down	ENSMUSG00000086859	-2.50	3.24E-18	Shhg20	lincRNA	6.61	6.38	6.35	6.48	4.56	4.49	4.07	3.66
Down	ENSMUSG00000074776	-2.80	2.62E-17	Gm10754	lincRNA	4.95	4.89	4.73	5.42	2.90	2.85	3.19	3.12
Down	ENSMUSG00000085030	-1.50	1.20E-16	2810455O05Rik	lincRNA	5.64	5.87	5.64	6.11	4.68	4.70	4.45	4.33
Up	ENSMUSG00000072847	1.18	1.59E-16	A530017D24Rik	lincRNA	6.35	6.36	6.23	6.38	7.64	7.68	7.37	7.11
Down	ENSMUSG00000113960	-2.54	2.71E-16	4933412O06Rik	lincRNA	5.31	5.25	5.45	5.71	3.35	3.67	2.99	2.99
Down	ENSMUSG00000095123	-3.74	2.80E-16	Gm21781	lincRNA	6.10	6.23	6.53	6.17	2.82	2.24	2.93	4.20
Down	ENSMUSG00000085443	-1.72	1.32E-16	Gm10076	lincRNA	7.54	7.39	7.40	7.63	5.06	6.06	5.72	5.72
Down	ENSMUSG00000096782	-2.99	4.12E-16	E130102H24Rik	lincRNA	4.75	4.79	4.75	4.76	2.57	2.92	2.66	3.12
Down	ENSMUSG00000113404	-1.35	4.99E-16	Gm48622	lincRNA	7.51	7.31	7.53	7.23	5.49	6.30	6.03	6.40
Down	ENSMUSG00000043903	-1.25	6.16E-16	Zfp469	lincRNA	6.66	6.25	6.25	6.17	5.61	5.21	5.16	5.60
Down	ENSMUSG00000109394	-1.48	1.15E-15	A230057D06Rik	lincRNA	6.05	6.30	6.14	6.50	5.02	4.24	5.30	4.87
Down	ENSMUSG00000086370	-1.97	1.33E-15	Flx	lincRNA	7.15	7.46	7.86	7.57	4.80	5.42	5.69	6.29
Down	ENSMUSG00000115944	-3.36	1.68E-15	AU021063	lincRNA	4.72	4.95	5.46	5.14	3.11	2.92	2.00	2.92
Down	ENSMUSG00000114860	-1.84	1.78E-15	Gm49291	lincRNA	7.23	7.16	7.33	7.35	5.25	5.65	4.79	6.08
Up	ENSMUSG00000113184	1.20	5.47E-15	Gm49654	lincRNA	6.49	6.81	6.39	6.82	7.79	7.99	7.93	7.47
Down	ENSMUSG00000105387	-3.05	8.60E-15	Gm29681	lincRNA	5.21	4.82	5.00	5.09	2.47	3.19	3.19	3.12
Down	ENSMUSG00000100666	-3.06	2.29E-14	1700007F19Rik	lincRNA	5.04	4.47	5.04	4.09	2.37	2.78	2.86	2.85
Down	ENSMUSG00000108867	-2.05	4.30E-14	Gm44643	lincRNA	5.70	5.50	5.32	5.78	4.10	4.72	4.00	4.17
Down	ENSMUSG00000105881	-2.18	8.75E-14	4932422M17Rik	lincRNA	5.10	4.77	4.87	4.65	3.40	2.98	3.45	3.12
Down	ENSMUSG00000104178	-3.22	1.10E-13	Gm9916	lincRNA	3.81	4.13	4.49	4.05	2.00	2.12	2.63	2.65
Down	ENSMUSG00000107636	-2.55	2.04E-13	Gm44257	lincRNA	5.68	5.04	5.65	4.76	3.17	3.77	2.86	2.86
Down	ENSMUSG00000104156	-3.16	3.55E-13	Gm38102	lincRNA	4.36	4.20	4.49	4.72	2.47	2.00	2.79	2.92
Down	ENSMUSG00000109125	-1.35	6.02E-13	Gm45159	lincRNA	5.71	6.52	6.61	6.44	4.78	5.14	5.14	5.31
Down	ENSMUSG00000075511	-1.52	1.29E-12	1700001L05Rik	lincRNA	6.00	6.20	6.05	6.27	4.68	5.10	4.57	4.61
Down	ENSMUSG00000110618	-4.08	1.38E-12	Gm39822	lincRNA	4.75	4.56	5.26	4.37	2.57	2.44	2.00	2.62
Down	ENSMUSG00000105345	-2.80	3.65E-12	BC030343	lincRNA	5.12	4.86	5.02	5.27	3.73	2.12	2.54	3.29
Down	ENSMUSG00000086289	-2.17	3.70E-12	Gm16933	lincRNA	6.21	6.66	6.77	6.44	4.82	3.47	4.88	4.70
Down	ENSMUSG00000086308	-3.44	4.95E-12	G630016G05Rik	lincRNA	3.81	4.44	4.46	4.42	2.00	2.92	2.35	2.34
Down	ENSMUSG00000055125	-1.90	5.06E-12	MSC1000118Rik	lincRNA	6.19	6.54	6.63	6.28	5.14	4.27	5.14	5.14
Down	ENSMUSG00000107096	-1.00	6.03E-12	Gm43597	lincRNA	7.40	7.23	7.39	7.47	6.56	6.45	6.17	6.42
Down	ENSMUSG00000105152	-4.76	7.12E-12	Gm42864	lincRNA	4.29	4.58	5.04	4.27	2.13	2.00	2.00	2.00
Down	ENSMUSG00000098234	-1.49	8.60E-12	Shhg6	lincRNA	6.05	5.84	6.13	5.95	4.68	4.27	5.16	4.38
Down	ENSMUSG00000112763	-3.27	1.05E-11	Gm34304	lincRNA	4.51	4.13	4.13	4.58	2.00	2.53	2.45	2.92
Down	ENSMUSG00000097930	-1.22	1.30E-11	C330002G04Rik	lincRNA	6.04	5.72	5.72	6.09	4.86	4.68	4.69	4.98
Down	ENSMUSG00000111602	-2.64	1.41E-11	Gm32014	lincRNA	4.42	5.23	5.07	4.72	3.04	2.85	2.54	3.48
Down	ENSMUSG00000097391	-1.78	1.90E-11	Mirg	lincRNA	5.04	5.50	5.22	5.31	3.77	3.94	3.50	4.02
Up	ENSMUSG00000098196	1.12	2.35E-11	Gm26964	lincRNA	5.85	5.91	5.43	5.62	7.01	6.92	6.59	6.51
Down	ENSMUSG00000098051	-2.16	3.66E-11	Gm27032	lincRNA	4.84	4.95	4.89	4.65	3.29	3.17	2.71	3.66
Down	ENSMUSG00000108546	-1.17	4.21E-11	Gm44662	lincRNA	6.33	6.20	6.39	6.15	5.36	4.89	5.30	5.20
Down	ENSMUSG00000052848	-1.94	6.13E-11	C130026L21Rik	lincRNA	5.17	4.93	5.57	5.31	3.91	3.91	4.00	3.92
Down	ENSMUSG00000054135	-3.42	8.33E-11	A430110L20Rik	lincRNA	3.56	3.83	4.24	4.45	2.00	2.62	2.54	2.24
Down	ENSMUSG00000105352	-2.71	8.64E-11	C030018K13Rik	lincRNA	4.93	4.97	4.93	5.02	2.63	2.86	3.17	3.07
Down	ENSMUSG00000097393	-2.39	9.23E-11	D030068K23Rik	lincRNA	5.82	5.23	5.29	5.16	2.57	2.85	3.63	4.28
Down	ENSMUSG00000115569	-3.37	9.62E-11	Gm49169	lincRNA	5.08	5.36	4.87	5.31	2.00	2.44	3.61	4.28
Down	ENSMUSG00000051008	-4.31	9.71E-11	4930412M03Rik	lincRNA	3.50	3.52	4.49	3.82	2.00	2.00	2.35	2.34
Down	ENSMUSG00000111160	-3.30	3.04E-10	Gm48855	lincRNA	3.18	3.73	4.13	4.25	2.25	2.24	2.24	2.62
Down	ENSMUSG00000097981	-2.60	4.67E-10	Caln	lincRNA	4.18	5.10	4.54	4.54	2.74	2.74	2.63	3.92
Down	ENSMUSG00000073478	-2.73	7.58E-10	D730003I15Rik	lincRNA	4.11	4.45	4.40	4.19	2.25	2.44	3.07	3.17
Down	ENSMUSG00000107726	-3.32	1.25E-09	Gm44037	lincRNA	4.07	4.37	4.49	4.45	2.82	2.53	2.00	2.54
Down	ENSMUSG00000055972	-3.54	2.08E-09	2810407A14Rik	lincRNA	3.95	4.31	4.80	4.91	2.66	2.00	2.71	2.54
Down	ENSMUSG00000116965	-4.95	3.05E-09	Gm36742	lincRNA	4.67	4.53	4.05	4.22	2.12	2.00	2.34	2.34
Down	ENSMUSG00000086602	-1.19	3.09E-09	Gm15609	lincRNA	6.35	5.88	6.31	5.96	4.76	5.27	4.95	5.17
Down	ENSMUSG00000098041	-2.38	4.73E-09	Gm26981	lincRNA	4.15	3.97	3.97	3.65	2.00	2.92	2.45	2.92
Down	ENSMUSG00000105218	-2.71	5.06E-09	Gm38413	lincRNA	3.91	4.56	4.52	4.28	3.04	2.85	2.00	2.70
Down	ENSMUSG00000111854	-4.33	9.36E-09	Gm48740	lincRNA	3.02	4.34	3.36	3.82	2.13	2.00	2.00	2.44
Down	ENSMUSG00000097415	-3.12	1.10E-08	AU020206	lincRNA	5.10	4.37	3.84	4.34	2.66	2.70	2.63	2.44
Down	ENSMUSG00000087259	-1.04	1.55E-08	2610035D17Rik	lincRNA	6.26	6.05	6.42	6.52	5.37	4.92	5.06	5.06
Down	ENSMUSG00000111947	-4.23	1.81E-08	Gm47438	lincRNA	3.77	3.26	3.17	3.98	2.00	2.24	2.00	2.44
Down	ENSMUSG00000090965	-3.42	1.92E-08	Gm17203	lincRNA	3.72	4.37	3.09	4.05	2.00	2.00	2.00	2.85</

Up	ENSMUSG00000097974	1.24	7.37E-08	Gm10605	lincRNA	5.31	5.10	5.69	5.40	6.43	6.28	6.54	6.87
Down	ENSMUSG00000097571	-1.24	1.10E-07	Jpx	lincRNA	5.44	6.02	6.53	6.16	4.84	4.70	4.71	5.43
Down	ENSMUSG00000037735	-1.05	1.37E-07	2810032G03Rik	lincRNA	6.06	6.33	6.17	5.86	5.33	4.76	5.41	5.02
Down	ENSMUSG000000107859	-4.50	1.60E-07	Gm30731	lincRNA	3.25	3.57	3.54	3.98	2.00	2.00	2.00	2.24
Down	ENSMUSG000000097591	-4.27	1.78E-07	4632411P08Rik	lincRNA	3.61	3.57	4.09	4.12	2.00	2.00	2.00	2.24
Down	ENSMUSG000000113429	-3.14	1.82E-07	Gm20063	lincRNA	4.62	4.37	4.73	4.15	2.00	2.12	2.13	3.53
Down	ENSMUSG000000114689	-3.41	2.31E-07	3110006G03Rik	lincRNA	3.21	4.01	4.17	2.00	2.00	2.12	2.00	2.85
Down	ENSMUSG000000097536	-2.36	2.46E-07	2610037D02Rik	lincRNA	5.73	5.71	6.00	6.12	3.45	2.00	4.70	4.10
Down	ENSMUSG000000115933	-3.57	2.96E-07	Gm48742	lincRNA	3.18	3.52	3.16	3.65	2.00	2.00	2.00	2.62
Down	ENSMUSG000000108095	-5.24	3.38E-07	Gm44067	lincRNA	4.07	3.03	4.40	4.63	2.00	2.00	2.00	2.44
Down	ENSMUSG000000097326	-3.71	3.61E-07	A330048O09Rik	lincRNA	3.56	3.73	3.97	3.78	2.47	2.00	2.24	2.24
Down	ENSMUSG000000099937	-4.06	3.76E-07	Gm28872	lincRNA	3.99	3.33	3.89	4.55	2.00	2.00	2.12	2.24
Down	ENSMUSG000000097497	-3.97	4.23E-07	Gm26652	lincRNA	2.85	3.78	3.09	3.90	2.00	2.00	2.00	2.54
Down	ENSMUSG000000113330	-2.39	5.20E-07	Gm34237	lincRNA	3.81	4.13	4.54	4.50	2.66	2.00	3.24	2.99
Down	ENSMUSG000000111068	-4.69	5.42E-07	Gm35501	lincRNA	3.67	3.39	3.36	3.45	2.00	2.24	2.00	2.12
Down	ENSMUSG000000045813	-1.12	5.50E-07	Gm9801	lincRNA	5.69	5.80	5.78	5.54	5.24	4.87	4.53	4.87
Down	ENSMUSG000000113689	-6.54	6.03E-07	Gm29676	lincRNA	2.75	3.39	3.60	3.55	2.00	2.00	2.00	2.00
Down	ENSMUSG000000097601	-1.27	6.39E-07	Gm26660	lincRNA	4.54	4.41	4.57	4.72	3.85	2.98	3.54	3.89
Up	ENSMUSG000000106261	1.74	6.60E-07	Gm34086	lincRNA	4.29	4.37	4.43	4.78	6.36	6.27	5.46	5.86
Down	ENSMUSG000000109890	-2.71	7.69E-07	AU023762	lincRNA	5.04	4.34	4.60	4.42	3.69	2.00	2.13	2.92
Down	ENSMUSG000000102820	-3.59	9.77E-07	Gm38353	lincRNA	4.29	3.57	4.43	3.94	2.00	2.00	2.62	2.62
Down	ENSMUSG000000097908	-1.07	1.22E-06	4933404O12Rik	lincRNA	6.86	6.73	6.63	6.93	5.45	5.57	5.79	6.18
Down	ENSMUSG000000108228	-1.62	1.40E-06	6430584L05Rik	lincRNA	5.48	5.40	4.89	5.48	4.59	3.28	3.30	4.31
Down	ENSMUSG000000048215	-2.40	1.45E-06	A630023P12Rik	lincRNA	3.99	4.56	3.93	3.74	2.47	2.98	2.45	2.78
Down	ENSMUSG000000053117	-2.20	1.84E-06	E330013P04Rik	lincRNA	4.62	4.27	4.63	4.92	2.47	3.77	3.00	2.78
Down	ENSMUSG000000085655	-1.63	1.85E-06	Gm15721	lincRNA	4.51	5.23	5.05	4.39	3.50	3.52	3.87	3.39
Down	ENSMUSG000000085654	-1.92	2.00E-06	Gm12536	lincRNA	4.36	4.50	4.09	4.48	2.74	2.44	3.54	3.29
Down	ENSMUSG000000100546	-4.48	2.45E-06	Gm29483	lincRNA	3.31	3.63	4.34	3.82	2.00	2.00	2.13	2.44
Down	ENSMUSG000000087041	-1.07	2.48E-06	Gm16295	lincRNA	5.81	5.43	5.80	5.57	4.97	4.62	4.24	4.90
Down	ENSMUSG000000099384	-5.50	2.55E-06	1700110C19Rik	lincRNA	3.56	3.97	3.54	3.33	2.00	2.00	2.00	2.24
Down	ENSMUSG000000103115	-3.31	2.66E-06	Gm37584	lincRNA	3.95	2.86	3.97	4.12	2.00	2.00	2.86	2.24
Down	ENSMUSG000000097296	-5.94	2.86E-06	Gm26532	lincRNA	2.85	2.95	3.49	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG000000098027	-2.77	3.69E-06	Gm27304	lincRNA	3.56	4.01	3.43	3.54	2.00	2.00	2.00	2.00
Down	ENSMUSG000000097961	-2.43	3.21E-06	Gm27000	lincRNA	3.44	3.19	3.36	3.50	2.47	2.34	2.45	2.24
Down	ENSMUSG000000045746	-3.41	4.26E-06	B230317F23Rik	lincRNA	4.11	3.33	4.01	3.55	2.47	2.00	2.45	2.24
Down	ENSMUSG000000116802	-1.45	4.26E-06	Gm5165	lincRNA	5.60	5.71	5.40	4.42	4.90	4.00	3.24	4.46
Up	ENSMUSG000000113244	1.49	4.28E-06	Gm31218	lincRNA	3.86	4.53	4.68	4.53	5.67	5.89	5.47	5.86
Down	ENSMUSG000000097604	-1.29	4.38E-06	Gm17322	lincRNA	5.24	5.26	5.24	5.38	4.88	3.56	4.16	3.85
Down	ENSMUSG000000074113	-2.97	4.57E-06	Gm10629	lincRNA	3.25	3.52	3.70	3.01	2.37	2.00	2.00	2.62
Down	ENSMUSG000000109284	-4.19	4.72E-06	B230311B06Rik	lincRNA	3.50	3.03	3.89	3.08	2.25	2.00	2.00	2.24
Down	ENSMUSG000000097636	-1.76	5.47E-06	Mirt1	lincRNA	4.87	5.10	5.46	5.25	3.69	3.17	3.24	4.53
Down	ENSMUSG000000089718	-5.30	5.64E-06	2310075C17Rik	lincRNA	2.43	2.76	2.74	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG000000110362	-6.39	6.17E-06	Gm45554	lincRNA	3.38	3.26	4.20	3.90	2.00	2.00	2.00	2.12
Down	ENSMUSG000000109829	-1.93	6.30E-06	Gm45605	lincRNA	5.00	4.91	4.13	5.27	2.90	4.13	2.71	3.48
Down	ENSMUSG000000100417	-1.40	6.56E-06	Gm28578	lincRNA	3.99	4.89	5.04	4.87	3.04	3.87	3.59	3.95
Down	ENSMUSG000000113427	-2.70	6.69E-06	Gm46378	lincRNA	3.31	3.73	3.80	4.05	2.00	2.00	2.86	2.70
Down	ENSMUSG000000109898	-2.78	6.89E-06	6330420H09Rik	lincRNA	4.15	4.20	4.57	4.49	2.00	2.62	2.00	3.30
Down	ENSMUSG000000100303	-1.89	7.23E-06	2600014E21Rik	lincRNA	4.26	4.58	5.19	5.07	3.11	3.61	3.19	3.62
Down	ENSMUSG000000097248	-1.48	7.24E-06	Gm2694	lincRNA	4.57	4.74	4.34	4.92	3.69	3.61	3.83	2.85
Down	ENSMUSG000000110605	-1.51	7.34E-06	Gm32856	lincRNA	5.83	5.64	5.68	5.75	4.56	3.33	4.47	4.87
Down	ENSMUSG000000087312	-5.17	7.58E-06	Gm13833	lincRNA	3.18	2.76	3.43	2.49	2.13	2.00	2.00	2.00
Down	ENSMUSG000000085059	-4.28	7.88E-06	Gm11750	lincRNA	2.75	3.26	3.70	3.01	2.00	2.00	2.00	2.34
Down	ENSMUSG000000044387	-3.70	8.10E-06	2410080I02Rik	lincRNA	3.38	3.57	3.70	3.21	2.00	2.00	2.24	2.44
Up	ENSMUSG000000086441	1.68	9.27E-06	Gm15046	lincRNA	3.67	4.31	3.75	3.60	4.70	5.81	4.99	5.17
Down	ENSMUSG000000116755	-4.37	9.48E-06	6430553K19Rik	lincRNA	3.10	4.09	3.01	3.65	2.00	2.00	2.44	2.00
Down	ENSMUSG000000109781	-5.22	1.00E-05	Gm45509	lincRNA	3.38	3.11	2.93	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG000000097207	-1.44	1.05E-05	6030443J06Rik	lincRNA	5.31	4.95	4.24	5.07	4.35	3.50	4.11	4.11
Down	ENSMUSG000000111443	-1.48	1.08E-05	Gm46123	lincRNA	4.82	5.31	5.32	5.24	4.34	2.98	4.59	3.39
Down	ENSMUSG000000087574	-1.19	1.09E-05	C030037D09Rik	lincRNA	5.81	5.50	5.98	6.09	5.22	4.74	4.24	4.81
Down	ENSMUSG000000085456	-3.52	1.26E-05	Gm15398	lincRNA	3.61	3.26	3.09	3.45	2.37	2.24	2.00	2.12
Down	ENSMUSG000000085167	-1.83	1.36E-05	Gm12063	lincRNA	4.67	4.20	4.37	4.72	3.43	3.60	2.54	2.99
Down	ENSMUSG000000110737	-2.75	1.37E-05	4930444F02Rik	lincRNA	4.22	3.26	4.37	3.70	2.00	2.00	2.34	2.34
Up	ENSMUSG000000084843	1.99	1.45E-05	B230312C02Rik	lincRNA	3.31	2.55	3.30	2.94	3.73	4.42	4.52	4.75
Down	ENSMUSG000000086943	-2.58	1.54E-05	4732414G09Rik	lincRNA	4.54	4.69	4.82	4.30	3.90	2.74	2.78	3.48
Down	ENSMUSG000000100009	-2.34	1.67E-05	Gm7967	lincRNA	4.77	4.69	4.43	3.82	3.04	2.24	3.45	2.70
Down	ENSMUSG000000075437	-4.10	2.08E-05	Gm11681	lincRNA	3.81	4.20	3.43	4.82	2.00	2.00	2.24	2.00
Down	ENSMUSG000000097372	-2.11	2.11E-05	Gm26876	lincRNA	3.86	4.01	3.93	4.09	2.00	3.22	2.24	3.12
Down	ENSMUSG000000114780	-1.96	2.11E-05	Al197445	lincRNA	4.36	4.47	4.54	4.85	2.47	3.17	2.79	3.89
Down	ENSMUSG000000114053	-4.00	2.20E-05	Gm35330	lincRNA	4.39	4.13	2.93	4.05	2.13	2.12	2.35	2.34
Down	ENSMUSG000000097516	-5.88	2.28E-05	4930467D21Rik	lincRNA	3.25	3.52	3.23	2.13	2.00	2.00	2.00	2.00
Down	ENSMUSG000000110211	-2.77	2.53E-05	Gm31294	lincRNA	3.61	3.78	4.43	3.78	2.82	2.00	2.71	2.34
Down	ENSMUSG000000109844	-2.65	2.66E-05	Gm31816	lincRNA	3.81	4.47	4.82	4.12	2.00	2.78	2.35	3.39
Down	ENSMUSG000000085698	-1.39	2.69E-05	Gm13830	lincRNA	4.15	4.37	4.37	4.95	3.63	3.45	3.33	3.63
Down	ENSMUSG000000109008	-2.13	2.95E-05	Gm44889	lincRNA	4.29	3.86	4.30	3.98	3.29	2.00	2.63	2.99
Down	ENSMUSG000000097962	-3.54	3.06E-05	1700034G24Rik	lincRNA	3.25	4.05	3.36	3.27	2.00	2.00	2.00	2.44
Down	ENSMUSG000000109010	-1.92	3.09E-05	Gm45027	lincRNA	4.80	4.47	4.65	4.15	2.47	3.91	2.86	3.06
Down	ENSMUSG000000098145	-4.98	3.24E-05	Gm26936	lincRNA	2.75	2.66	2.84	3.27	2.00	2.00	2.12	2.00
Down	ENSMUSG000000113186	-2.98	3.65E-05	A330076C08Rik	lincRNA	4.36	4.34	4.05	4.09	2.82	2.00	2.35	2.85
Down	ENSMUSG000000056089	-4.39	3.70E-05	Gm5468	lincRNA	3.50	3.19	3.70	2.49	2.00	2.00	2.13	2.24
Down	ENSMUSG000000100891	-2.16	3.76E-05	2810049E08Rik	lincRNA	3.18	4.13	4.30	3.60	2.13	2.62	2.86	2.92
Down	ENSMUSG000000087678	-4.24	3.87E-05	Gm14120	lincRNA	3.02	3.39	3.65	3.65	2.13	2.00	2.00	2.24
Down	ENSMUSG000000116597	-2.78	3.92E-05	Gm536	lincRNA	3.86	4.01	4.17	4.89	2.00	2.44	2.35	3.39
Down	ENSMUSG000000098045	-5.02	3.96E-05	Gm26979	lincRNA	2.65	2.55	3.09	3.27	2.00	2.00	2.12	2.00
Down	ENSMUSG000000113361	-2.15	3.97E-05	B930059L03Rik	lincRNA	4.18	4.41	4.01	4.42	3.23	2.53	2.13	3.39
Up	ENSMUSG000000096988												

Down	ENSMUSG00000101599	-2.42	4.94E-05	Gm20342	lincRNA	5.98	5.76	6.14	6.33	2.00	4.04	3.87	4.81
Down	ENSMUSG00000109733	-2.82	5.08E-05	Gm33940	lincRNA	3.44	3.33	4.57	4.31	2.00	2.34	2.13	3.23
Down	ENSMUSG00000085709	-5.59	5.59E-05	Gm14211	lincRNA	2.65	2.55	2.00	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000099061	-2.57	5.61E-05	Gm28050	lincRNA	4.91	3.73	4.13	4.02	2.37	2.00	3.45	2.62
Down	ENSMUSG00000108776	-2.50	5.67E-05	Gm45169	lincRNA	3.77	3.73	3.54	3.45	2.30	2.00	2.40	2.70
Down	ENSMUSG00000085496	-5.47	5.84E-05	4930517E11Rik	lincRNA	2.75	2.76	2.84	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000097040	-3.25	6.65E-05	Gm14033	lincRNA	2.51	4.09	3.97	4.50	2.13	2.12	2.12	3.12
Down	ENSMUSG00000112353	-6.30	7.71E-05	Gm40418	lincRNA	3.67	2.55	3.23	3.21	2.00	2.00	2.00	2.00
Down	ENSMUSG00000021101	-1.99	7.71E-05	4930408O17Rik	lincRNA	3.18	3.68	3.30	3.60	2.97	2.00	2.63	2.34
Down	ENSMUSG00000085193	-5.80	7.72E-05	Gm13322	lincRNA	2.30	3.26	3.09	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000097997	-2.92	7.85E-05	Gm27017	lincRNA	3.56	3.03	2.74	3.15	2.47	2.00	2.00	2.34
Down	ENSMUSG00000107412	-3.05	8.38E-05	Gm20383	lincRNA	4.77	4.44	4.93	4.42	2.97	2.44	2.00	3.17
Down	ENSMUSG00000099722	-1.39	9.13E-05	Gm29154	lincRNA	4.75	4.61	4.70	4.74	3.35	3.73	3.54	3.85
Down	ENSMUSG00000098155	-2.74	9.79E-05	Gm27022	lincRNA	2.94	3.52	3.54	3.27	2.00	2.00	2.54	2.54
Down	ENSMUSG00000110235	-1.88	1.03E-04	Gm5086	lincRNA	3.95	4.41	3.65	3.50	2.37	3.05	2.86	2.85
Down	ENSMUSG00000112054	-2.04	1.04E-04	Gm33680	lincRNA	4.32	4.24	4.20	4.45	2.74	2.78	3.54	2.62
Down	ENSMUSG00000085084	-1.22	1.04E-04	4930570G19Rik	lincRNA	5.57	5.49	6.16	5.72	3.89	5.53	3.79	4.75
Down	ENSMUSG00000106927	-2.36	1.08E-04	Gm43598	lincRNA	3.96	2.95	3.23	3.50	2.13	2.85	2.00	2.34
Down	ENSMUSG00000085180	-2.10	1.08E-04	AIB38599	lincRNA	5.21	4.50	4.68	5.11	3.40	3.73	3.00	3.06
Down	ENSMUSG00000109097	-2.04	1.08E-04	Gm29683	lincRNA	4.03	4.34	3.97	4.25	2.25	3.00	2.00	3.39
Down	ENSMUSG00000113707	-4.59	1.21E-04	Gm10457	lincRNA	3.50	3.11	3.23	3.69	2.00	2.00	2.00	2.34
Down	ENSMUSG00000112666	-2.95	1.21E-04	Gm48485	lincRNA	3.44	3.57	3.54	3.94	2.00	2.44	2.63	2.24
Down	ENSMUSG00000116862	-3.09	1.44E-04	Gm49607	lincRNA	2.75	3.11	3.36	3.15	2.00	2.00	2.13	2.54
Down	ENSMUSG00000113324	-4.72	1.51E-04	Gm48819	lincRNA	2.43	2.30	2.64	3.45	2.00	2.00	2.00	2.12
Down	ENSMUSG00000089983	-3.06	1.56E-04	2010320O07Rik	lincRNA	3.10	3.03	3.16	3.08	2.00	2.44	2.00	2.24
Down	ENSMUSG00000100255	-3.23	1.62E-04	Gm28196	lincRNA	3.56	3.46	2.84	3.33	2.00	2.34	2.24	2.24
Down	ENSMUSG00000085470	-5.01	1.66E-04	1700012C14Rik	lincRNA	2.94	2.86	3.16	2.69	2.00	2.00	2.12	2.24
Down	ENSMUSG00000107043	-1.93	1.66E-04	Gm42849	lincRNA	3.10	3.88	3.65	4.02	2.37	2.44	3.07	2.70
Down	ENSMUSG00000107352	-1.18	1.74E-04	Gm43660	lincRNA	4.84	5.10	5.46	5.04	2.82	4.42	4.57	4.20
Down	ENSMUSG00000106598	-5.97	1.80E-04	Gm43532	lincRNA	3.44	3.57	3.75	2.94	2.00	2.00	2.12	2.12
Down	ENSMUSG00000107061	-6.06	1.83E-04	Gm19590	lincRNA	3.02	2.43	3.36	3.33	2.00	2.00	2.00	2.00
Down	ENSMUSG00000097338	-1.07	1.89E-04	Gm2464	lincRNA	5.13	5.47	5.52	5.27	4.52	4.83	3.83	4.36
Down	ENSMUSG00000114590	-2.53	1.91E-04	Gm45442	lincRNA	4.11	4.34	4.05	4.51	3.45	2.12	3.24	2.62
Down	ENSMUSG00000090936	-2.03	1.91E-04	Gm17705	lincRNA	3.25	3.63	3.75	3.39	2.37	2.00	2.92	2.00
Down	ENSMUSG00000113013	-5.42	2.06E-04	Gm47833	lincRNA	2.30	2.95	3.01	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115850	-5.12	2.06E-04	Gm48956	lincRNA	2.75	2.55	2.93	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000097870	-1.86	2.15E-04	Gm26868	lincRNA	3.02	3.19	3.97	3.27	2.66	2.12	2.79	2.54
Down	ENSMUSG00000091864	-2.66	2.20E-04	Gm17102	lincRNA	3.18	3.97	3.70	4.31	2.57	2.24	2.13	2.92
Down	ENSMUSG00000109203	-2.76	2.25E-04	Gm32849	lincRNA	3.50	2.95	3.54	2.94	2.13	2.00	2.00	2.78
Down	ENSMUSG00000079070	-2.53	2.29E-04	Gm3985	lincRNA	3.02	3.68	3.23	3.69	2.13	2.12	2.00	2.99
Down	ENSMUSG00000111758	-2.44	2.32E-04	Gm30373	lincRNA	3.77	4.09	4.05	3.08	2.57	2.34	2.24	2.92
Up	ENSMUSG00000073000	2.08	2.38E-04	Gm10451	lincRNA	2.94	3.19	3.70	3.33	4.52	4.47	5.61	4.55
Down	ENSMUSG00000112983	-5.84	2.41E-04	Gm32939	lincRNA	2.85	2.55	3.43	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000097402	-4.76	2.47E-04	Gm17399	lincRNA	3.72	2.95	3.30	2.38	2.00	2.00	2.00	2.24
Down	ENSMUSG00000078519	-2.44	2.76E-04	2310026L22Rik	lincRNA	3.44	3.32	3.30	3.27	2.00	2.78	2.13	2.62
Down	ENSMUSG00000108532	-2.27	2.97E-04	Gm32647	lincRNA	3.61	4.91	4.05	3.78	3.04	2.12	2.79	2.62
Down	ENSMUSG00000114433	-1.75	3.01E-04	Gm48488	lincRNA	4.18	4.27	4.63	4.37	3.85	2.34	3.07	2.92
Down	ENSMUSG00000072618	-3.16	3.30E-04	Gm10384	lincRNA	3.18	3.39	3.30	3.65	2.00	2.12	2.00	2.70
Down	ENSMUSG00000114945	-1.19	3.31E-04	Gm48265	lincRNA	5.58	5.26	5.68	5.22	4.31	4.78	3.87	4.57
Down	ENSMUSG00000086822	-1.79	3.35E-04	5330413P13Rik	lincRNA	5.61	4.82	5.13	5.02	3.29	3.69	2.54	4.61
Down	ENSMUSG00000100354	-2.92	3.50E-04	Gm29113	lincRNA	3.18	3.63	3.54	3.78	2.66	2.00	2.00	2.54
Down	ENSMUSG00000112466	-1.75	3.66E-04	Gm29674	lincRNA	3.81	4.44	3.65	4.58	3.04	3.65	2.54	2.62
Down	ENSMUSG00000106515	-1.57	3.92E-04	Gm30382	lincRNA	4.36	4.13	3.84	4.31	2.57	3.69	2.54	3.34
Down	ENSMUSG00000097727	-2.56	4.04E-04	F63004OK05Rik	lincRNA	3.91	4.13	3.84	4.19	2.13	2.34	2.00	3.44
Down	ENSMUSG00000097021	-3.67	4.30E-04	493343G15Rik	lincRNA	3.25	2.86	3.01	3.82	2.44	2.00	2.12	2.00
Down	ENSMUSG00000086328	-1.90	4.37E-04	2700033N17Rik	lincRNA	3.95	3.92	3.70	3.60	2.47	2.00	3.24	2.92
Down	ENSMUSG00000113459	-2.24	4.95E-04	Gm30655	lincRNA	3.02	3.19	3.16	3.60	2.00	2.00	2.71	2.62
Down	ENSMUSG00000054944	-1.66	5.20E-04	5330416C01Rik	lincRNA	4.15	4.34	4.73	4.60	3.55	3.65	2.35	3.29
Down	ENSMUSG00000111800	-3.39	5.31E-04	Gm31557	lincRNA	3.50	3.39	3.65	3.08	2.25	2.00	2.00	2.54
Down	ENSMUSG00000095969	-2.91	5.35E-04	1700030P04Rik	lincRNA	3.18	3.33	3.36	3.82	2.47	2.00	2.24	2.44
Down	ENSMUSG00000112303	-3.28	5.37E-04	Gm48759	lincRNA	2.54	2.95	3.16	2.00	2.00	2.00	2.12	2.00
Down	ENSMUSG00000107537	-4.90	5.45E-04	Gm35037	lincRNA	3.18	3.46	3.30	3.04	2.00	2.00	2.24	2.00
Down	ENSMUSG00000086124	-4.28	5.85E-04	A530076I17Rik	lincRNA	3.81	4.20	2.84	3.60	2.25	2.00	2.00	2.34
Down	ENSMUSG00000105057	-4.52	6.02E-04	Gm40190	lincRNA	2.16	2.43	2.74	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113622	-1.05	6.26E-04	Gm49749	lincRNA	6.17	6.12	6.06	6.23	5.47	5.43	3.75	5.46
Up	ENSMUSG00000097049	2.03	6.33E-04	6530411M01Rik	lincRNA	3.31	2.95	3.30	3.39	3.73	4.99	5.24	4.53
Down	ENSMUSG00000113727	-4.94	7.08E-04	Gm47781	lincRNA	2.54	2.43	2.42	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089726	-2.79	7.23E-04	Mir17hg	lincRNA	3.18	2.66	3.16	3.21	2.34	2.34	2.00	2.34
Down	ENSMUSG000000997714	-4.71	7.37E-04	Gm20109	lincRNA	2.75	2.86	3.01	2.49	2.00	2.00	2.12	2.00
Down	ENSMUSG00000107305	-5.56	7.67E-04	Gm43262	lincRNA	2.65	2.86	2.64	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108379	-5.37	8.55E-04	A730082K24Rik	lincRNA	3.56	3.33	3.43	3.78	2.00	2.00	2.00	2.24
Down	ENSMUSG00000086179	-3.03	8.62E-04	Gm14317	lincRNA	3.10	3.73	4.27	3.24	2.00	2.34	2.00	2.92
Down	ENSMUSG00000094904	-2.31	8.75E-04	Gm14327	lincRNA	3.18	3.26	3.18	3.69	2.13	2.00	3.00	2.78
Down	ENSMUSG00000097362	-4.44	1.11E-03	Gm26544	lincRNA	3.56	3.11	3.16	3.59	2.13	2.12	2.00	2.00
Down	ENSMUSG00000093662	-2.40	1.13E-03	Gm20649	lincRNA	4.26	4.34	4.34	2.47	3.24	2.78	3.00	2.85
Down	ENSMUSG00000111669	-2.85	1.15E-03	Gm31698	lincRNA	2.43	3.92	4.40	3.08	2.13	2.12	2.00	2.99
Down	ENSMUSG00000113338	-1.80	1.18E-03	A530046M15Rik	lincRNA	3.67	3.33	3.43	3.98	2.82	2.34	2.93	2.54
Down	ENSMUSG00000109121	-1.27	1.22E-03	Gm44644	lincRNA	5.12	5.50	5.11	5.85	4.52	4.96	2.71	4.36
Down	ENSMUSG00000103114	-2.21	1.23E-03	Gm32200	lincRNA	3.61	4.34	4.17	4.22	3.40	2.98	2.00	2.00
Down	ENSMUSG00000103158	-5.90	1.27E-03	Gm31925	lincRNA	2.00	2.86	3.36	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG00000112713	-4.42	1.29E-03	Gm48281	lincRNA	2.30	2.30	2.74	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115328	-6.07	1.30E-03	Gm30691	lincRNA	2.75	2.55	3.75	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000069713	-2.84	1.34E-03	4933406P04Rik	lincRNA	3.50	3.33	3.50	3.60	2.00	2.12	2.34	2.34
Down	ENSMUSG00000115050	-5.36	1.39E-03	Gm21154	lincRNA	2.94	3.39	2.93	3.08	2.00	2.00	2.12	2.12
Down	ENSMUSG00000104222	-1.35	1.39E-03	Gm7292	lincRNA	4.07	3.88	4.17	4.42	2.90	3.43	3.54	2.92
Down	ENSMUSG0												

Down	ENSMUSG00000112630	-3.68	1.50E-03	Gm36908	lincRNA	3.02	3.83	4.37	4.28	2.00	2.00	2.00	2.92
Down	ENSMUSG00000101856	-1.77	1.52E-03	1700096K18Rik	lincRNA	4.45	3.92	4.13	3.74	3.60	2.78	2.13	2.99
Down	ENSMUSG00000110329	-3.72	1.53E-03	Gm45304	lincRNA	3.25	3.73	3.01	3.78	2.00	2.00	2.00	2.62
Down	ENSMUSG00000109244	-2.67	1.56E-03	Gm44751	lincRNA	4.03	4.01	3.54	3.98	2.13	2.53	2.13	3.06
Down	ENSMUSG000000085912	-2.32	1.60E-03	Trp53cor1	lincRNA	4.32	3.57	3.70	3.33	3.11	2.00	2.00	2.85
Down	ENSMUSG00000040467	-2.50	1.67E-03	4921522P10Rik	lincRNA	2.65	3.26	3.16	2.94	2.00	2.00	2.00	2.78
Down	ENSMUSG000000097352	-5.34	1.68E-03	Gm14149	lincRNA	2.85	2.86	3.06	2.90	2.00	2.00	2.00	2.12
Down	ENSMUSG00000111284	-4.71	1.68E-03	Gm47334	lincRNA	2.94	2.66	2.66	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG00000114118	-3.77	1.75E-03	Gm48829	lincRNA	3.67	2.55	3.09	3.15	2.13	2.24	2.13	2.00
Down	ENSMUSG00000099797	-1.47	1.81E-03	Gm26901	lincRNA	4.11	3.78	3.80	4.19	2.25	3.43	2.86	3.34
Down	ENSMUSG00000090104	-2.17	1.82E-03	Slmapos2	lincRNA	3.81	3.68	4.01	3.78	2.25	2.98	2.00	3.06
Down	ENSMUSG00000106525	-4.32	1.84E-03	Gm42695	lincRNA	2.65	2.55	2.29	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000111576	-3.77	1.94E-03	Gm32284	lincRNA	2.94	2.66	2.84	3.27	2.00	2.12	2.00	2.24
Down	ENSMUSG00000109436	-5.05	2.00E-03	Gm45075	lincRNA	2.55	2.55	2.74	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000097115	-3.13	2.01E-03	1810019N24Rik	lincRNA	2.75	3.46	3.30	3.78	2.00	2.53	2.00	2.34
Down	ENSMUSG00000109127	-6.16	2.05E-03	Gm31135	lincRNA	3.10	3.03	3.01	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106293	-3.99	2.10E-03	Gm42476	lincRNA	3.38	3.57	2.64	3.39	2.00	2.00	2.00	2.44
Down	ENSMUSG00000114980	-3.27	2.11E-03	4933432i03Rik	lincRNA	3.96	3.26	4.24	3.39	2.00	2.53	2.00	2.54
Down	ENSMUSG00000114354	-4.89	2.13E-03	Gm34961	lincRNA	2.54	2.86	2.84	3.15	2.00	2.00	2.00	2.12
Down	ENSMUSG00000111236	-2.54	2.16E-03	Gm31614	lincRNA	2.65	4.05	3.75	3.55	2.47	2.34	2.00	2.78
Down	ENSMUSG00000097701	-3.74	2.18E-03	Gm17508	lincRNA	2.90	3.26	2.93	3.08	2.00	2.00	2.00	2.34
Down	ENSMUSG00000099804	-3.10	2.22E-03	Gm28497	lincRNA	3.56	2.76	3.16	3.45	2.66	2.00	2.00	2.12
Down	ENSMUSG00000085196	-2.78	2.26E-03	Gm14963	lincRNA	3.31	3.52	3.43	3.78	2.13	2.53	2.00	2.62
Down	ENSMUSG00000109028	-1.86	2.35E-03	Gm35842	lincRNA	3.10	3.63	3.97	3.65	2.25	2.12	2.93	3.06
Down	ENSMUSG00000086921	-4.18	2.40E-03	Gm13189	lincRNA	2.00	2.43	2.00	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085772	-2.93	2.41E-03	D630024D03Rik	lincRNA	3.25	3.11	2.42	3.21	2.37	2.00	2.00	2.34
Down	ENSMUSG00000115834	-1.05	2.42E-03	Gm10385	lincRNA	4.11	4.09	4.13	4.19	3.11	3.11	3.79	3.53
Up	ENSMUSG00000111938	1.70	2.45E-03	2900045O20Rik	lincRNA	4.11	3.19	4.20	3.90	5.37	4.56	5.89	5.10
Down	ENSMUSG00000113544	-4.49	2.49E-03	4833405L11Rik	lincRNA	3.56	2.55	3.43	3.60	2.12	2.00	2.00	2.24
Down	ENSMUSG00000075553	-1.28	2.57E-03	Gm5464	lincRNA	4.22	4.01	4.20	4.28	2.37	2.85	3.54	3.92
Down	ENSMUSG00000108739	-5.33	2.58E-03	Gm45096	lincRNA	2.94	2.86	2.74	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104785	-5.86	2.64E-03	Gm31121	lincRNA	3.38	3.33	3.49	3.33	2.00	2.00	2.00	2.12
Down	ENSMUSG00000105324	-3.96	2.65E-03	Gm42705	lincRNA	3.10	3.03	3.23	3.24	2.13	2.12	2.00	2.12
Down	ENSMUSG00000112854	-4.36	2.68E-03	Gm38403	lincRNA	2.75	3.52	3.65	2.94	2.00	2.00	2.00	2.34
Down	ENSMUSG00000110390	-1.17	2.72E-03	Gm45869	lincRNA	4.36	3.39	3.70	3.65	3.35	3.32	3.19	2.85
Down	ENSMUSG00000039563	-1.11	2.82E-03	2210406O10Rik	lincRNA	4.29	4.74	4.80	4.67	3.91	3.73	3.40	3.99
Down	ENSMUSG00000112819	-4.88	2.88E-03	Gm46332	lincRNA	2.54	2.43	2.74	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085354	-3.93	2.89E-03	Gm2044	lincRNA	3.02	2.76	2.54	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG00000054622	-2.44	2.93E-03	D730045B01Rik	lincRNA	3.38	3.33	4.17	3.50	2.66	2.98	2.00	2.00
Down	ENSMUSG00000112121	-1.91	2.93E-03	C230072F16Rik	lincRNA	3.77	3.68	4.27	4.58	3.04	2.98	2.00	3.34
Down	ENSMUSG00000086825	-2.06	3.00E-03	Gm15675	lincRNA	3.99	3.33	3.60	3.27	2.00	2.24	2.45	3.23
Down	ENSMUSG00000087461	-2.88	3.19E-03	C230014O12Rik	lincRNA	3.44	2.76	3.30	3.65	2.13	2.00	2.00	2.78
Down	ENSMUSG00000101621	-2.19	3.20E-03	Gm28905	lincRNA	3.31	3.92	3.49	3.94	3.17	2.34	2.00	2.54
Down	ENSMUSG00000116525	-1.65	3.23E-03	Gm30371	lincRNA	5.08	4.67	4.97	5.40	4.59	3.17	2.00	4.02
Down	ENSMUSG00000105222	-4.02	3.26E-03	Gm42205	lincRNA	2.43	3.19	2.42	3.01	2.00	2.00	2.13	2.12
Down	ENSMUSG00000115813	-2.04	3.28E-03	Gm34418	lincRNA	3.18	3.19	3.65	3.45	2.47	2.00	2.79	2.54
Down	ENSMUSG00000106555	-2.05	3.29E-03	Gm39477	lincRNA	3.61	3.88	3.60	3.86	2.37	2.62	2.00	2.85
Down	ENSMUSG00000113210	-5.44	3.33E-03	4930474N09Rik	lincRNA	2.00	2.76	3.60	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000111809	-3.81	3.34E-03	Gm49334	lincRNA	2.54	2.86	2.93	2.49	2.00	2.12	2.00	2.12
Down	ENSMUSG00000097035	-5.06	3.40E-03	Gm26692	lincRNA	3.10	2.55	2.42	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115317	-1.54	3.42E-03	Gm32618	lincRNA	4.80	4.20	4.27	4.45	3.60	3.11	2.13	3.95
Down	ENSMUSG00000101493	-1.35	3.45E-03	2810405F17Rik	lincRNA	4.36	3.57	4.09	4.22	2.66	3.61	3.35	2.92
Down	ENSMUSG00000115821	-2.34	3.56E-03	6330576A10Rik	lincRNA	2.75	2.95	3.54	3.33	2.00	2.34	2.00	2.78
Down	ENSMUSG00000097616	-1.12	3.56E-03	1110019D14Rik	lincRNA	4.91	4.84	4.13	4.55	4.36	3.77	3.50	3.17
Down	ENSMUSG00000107388	-2.21	3.62E-03	Gm42788	lincRNA	3.10	2.76	3.23	3.20	2.00	2.00	2.00	2.44
Down	ENSMUSG00000115650	-1.34	3.63E-03	Gm48992	lincRNA	4.51	4.20	4.13	3.94	4.00	3.17	2.79	2.85
Down	ENSMUSG00000111874	-4.61	3.64E-03	Gm36539	lincRNA	2.54	2.30	2.42	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085235	-2.59	3.68E-03	Gm12576	lincRNA	3.77	3.11	3.43	4.02	2.57	2.00	2.00	2.42
Down	ENSMUSG00000106679	-2.89	3.70E-03	Gm42524	lincRNA	3.18	3.26	3.30	3.21	2.24	2.00	2.00	2.92
Down	ENSMUSG00000101429	-2.73	3.70E-03	BC055402	lincRNA	3.91	4.17	3.93	4.02	2.57	2.70	2.00	2.78
Down	ENSMUSG00000112883	-4.53	3.73E-03	Gm48023	lincRNA	2.43	2.55	2.42	2.49	2.00	2.00	2.00	2.00
Up	ENSMUSG00000097182	1.21	3.77E-03	A830009L08Rik	lincRNA	2.85	3.33	3.23	3.08	3.85	3.84	4.19	3.74
Down	ENSMUSG000000201874	-2.32	3.84E-03	4933413J09Rik	lincRNA	3.81	3.57	4.17	4.22	2.00	3.22	2.00	2.99
Down	ENSMUSG00000067101	-2.86	3.86E-03	170001H22Rik	lincRNA	3.10	4.09	3.70	3.60	2.00	2.00	2.54	2.54
Down	ENSMUSG00000115625	-3.39	3.87E-03	2900040C04Rik	lincRNA	4.51	2.16	2.42	4.92	2.82	2.24	2.00	2.24
Down	ENSMUSG00000111722	-1.62	3.90E-03	Gm47270	lincRNA	3.56	4.61	3.65	3.86	3.11	2.78	2.13	3.53
Down	ENSMUSG00000107008	-1.50	3.93E-03	Gm2762	lincRNA	5.42	5.15	5.17	4.92	5.61	2.70	3.35	4.36
Up	ENSMUSG00000100558	1.99	4.02E-03	1700025F24Rik	lincRNA	3.04	3.11	3.30	2.94	4.04	4.54	4.04	3.99
Down	ENSMUSG00000099054	-4.95	4.02E-03	Gm27242	lincRNA	3.10	2.86	2.54	3.01	2.00	2.13	2.00	2.00
Down	ENSMUSG00000109823	-3.79	4.11E-03	Gm45388	lincRNA	3.67	4.27	3.93	4.28	2.37	2.53	2.00	2.24
Down	ENSMUSG00000099950	-4.10	4.13E-03	9130227L01Rik	lincRNA	2.85	3.11	2.84	3.55	2.00	2.00	2.00	2.34
Down	ENSMUSG00000115813	-1.38	4.13E-03	Gm48447	lincRNA	3.77	4.01	3.84	3.50	3.40	2.24	3.07	2.92
Down	ENSMUSG00000097289	-5.92	4.15E-03	4933424M12Rik	lincRNA	3.02	3.11	2.74	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG00000114961	2.95	4.31E-03	Gm44053	lincRNA	3.31	3.19	3.25	2.69	2.00	2.25	2.00	2.44
Down	ENSMUSG00000109215	-3.94	4.34E-03	4930453L07Rik	lincRNA	3.10	3.19	3.49	3.27	2.13	2.00	2.35	2.00
Down	ENSMUSG00000114185	-4.63	4.41E-03	Gm47662	lincRNA	3.61	2.95	3.23	2.27	2.00	2.12	2.00	2.12
Down	ENSMUSG00000111061	-4.35	4.47E-03	Gm46102	lincRNA	3.18	3.11	3.09	2.27	2.00	2.00	2.00	2.24
Down	ENSMUSG00000114815	-3.25	4.55E-03	Gm41118	lincRNA	3.56	3.88	3.36	3.39	2.25	2.00	2.00	2.70
Down	ENSMUSG00000105686	-1.75	4.65E-03	Gm35394	lincRNA	3.25	3.63	3.60	3.39	2.98	2.00	2.00	2.24
Down	ENSMUSG00000113343	-2.25	4.67E-03	Gm34923	lincRNA	3.50	4.01	4.09	3.90	2.74	2.45	2.00	2.62
Down	ENSMUSG00000109819	-2.60	4.68E-03	B930018H19Rik	lincRNA	3.38	3.83	3.66	3.78	2.12	2.78	2.00	2.78
Down	ENSMUSG00000100213	-1.45	4.72E-03	Gm28151	lincRNA	3.86	4.56	4.85	4.58	2.25	4.16	3.30	3.44
Down	ENSMUSG00000111229	-2.20	4.75E-03	Gm39323	lincRNA	4.11	3.46	3.40	3.75	2.00	2.54	2.00	2.24
Down	ENSMUSG00000113883	-3.96	4.76E-03	Gm36500	lincRNA	2.30	2.76	3.49	3.33	2.00	2.00	2.00	2.34
Down	ENSMUSG00000111498	-3.23	4.80E-03	Gm47059	lincRNA	3.18	3.11	2.29	2.86	2.00			

Down	ENSMUSG00000113866	-3.38	5.20E-03	Gm47450	lincRNA	3.56	3.52	2.84	3.08	2.00	2.00	2.54	2.12
Down	ENSMUSG00000108593	-5.35	5.27E-03	Gm44581	lincRNA	3.18	4.13	2.74	3.65	2.00	2.00	2.00	2.24
Down	ENSMUSG00000097725	-1.92	5.46E-03	4930593A02Rik	lincRNA	3.81	3.39	2.97	3.55	2.62	2.62	2.00	3.17
Down	ENSMUSG00000107010	-4.83	5.48E-03	Gm43293	lincRNA	3.18	3.03	2.54	2.49	2.00	2.00	2.00	2.12
Down	ENSMUSG00000100120	-3.39	5.52E-03	Gm553	lincRNA	3.25	3.68	4.01	3.55	2.00	2.00	2.00	2.85
Down	ENSMUSG00000097277	-1.46	5.62E-03	2900076A07Rik	lincRNA	4.75	4.34	5.20	4.80	2.47	4.58	3.35	3.48
Down	ENSMUSG00000095316	-2.61	5.77E-03	D33005023Rik	lincRNA	4.51	4.09	4.61	4.19	2.87	2.97	2.00	2.99
Down	ENSMUSG00000118604	-3.23	5.89E-03	Gm49559	lincRNA	2.65	2.86	2.93	2.38	2.00	2.00	2.00	2.34
Down	ENSMUSG00000099370	-2.77	5.91E-03	Plat10	lincRNA	3.02	3.03	3.43	3.15	2.25	2.24	2.00	2.44
Down	ENSMUSG00000115912	-2.79	6.00E-03	Gm35569	lincRNA	3.10	3.26	3.70	3.27	2.00	2.85	2.00	2.12
Down	ENSMUSG00000085658	-2.93	6.04E-03	Gm15704	lincRNA	2.94	3.46	2.42	3.50	2.00	2.00	2.00	2.70
Down	ENSMUSG00000112035	-1.62	6.05E-03	Gm49335	lincRNA	3.02	3.39	3.70	3.74	2.25	2.70	2.71	2.92
Down	ENSMUSG00000103170	-5.77	6.20E-03	Gm37170	lincRNA	2.75	2.43	3.01	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG00000033015	-2.65	6.34E-03	4933427E13Rik	lincRNA	3.38	3.46	3.43	3.78	2.37	2.12	2.00	2.85
Down	ENSMUSG00000115257	-5.21	6.35E-03	Gm30467	lincRNA	2.43	2.30	2.93	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085933	-2.07	6.42E-03	Tmem61	lincRNA	3.25	4.34	2.47	4.02	2.43	3.05	2.13	3.23
Down	ENSMUSG00000085431	-5.49	6.63E-03	4930440119Rik	lincRNA	2.54	3.26	2.93	3.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000112496	-3.92	6.63E-03	Gm48764	lincRNA	3.96	2.95	2.29	3.01	2.00	2.12	2.00	2.24
Down	ENSMUSG00000044544	-3.43	6.83E-03	492151303Rik	lincRNA	2.94	3.19	3.43	3.01	2.00	2.00	2.00	2.54
Down	ENSMUSG00000108383	-4.68	6.94E-03	Gm6567	lincRNA	3.02	3.11	2.74	3.50	2.00	2.00	2.00	2.24
Down	ENSMUSG00000097205	-2.35	6.97E-03	Gm17540	lincRNA	4.26	2.95	2.37	3.90	2.37	2.00	2.00	2.78
Down	ENSMUSG00000086804	-1.35	7.40E-03	Gm43154	lincRNA	5.21	5.23	5.29	4.98	4.54	3.56	3.87	4.08
Down	ENSMUSG00000104328	-4.03	7.52E-03	Gm37323	lincRNA	3.61	2.66	3.54	3.27	2.00	2.00	2.35	2.12
Down	ENSMUSG00000103908	-4.81	7.65E-03	Gm37502	lincRNA	3.31	2.43	2.74	2.69	2.00	2.00	2.00	2.12
Down	ENSMUSG00000045928	-1.85	7.72E-03	4933440M02Rik	lincRNA	3.44	4.50	3.60	3.82	2.82	2.53	2.93	2.92
Down	ENSMUSG00000100002	-2.74	8.07E-03	Gm29642	lincRNA	3.56	3.03	3.30	3.69	2.00	2.00	3.00	2.00
Down	ENSMUSG00000110239	-4.06	8.09E-03	Gm45620	lincRNA	2.54	2.30	2.42	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000111883	-2.08	8.19E-03	Gm31182	lincRNA	3.25	3.92	4.17	4.12	3.29	2.44	2.13	2.78
Down	ENSMUSG00000084758	-5.16	8.21E-03	Gm12798	lincRNA	2.16	2.55	3.01	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000059631	-1.17	8.22E-03	1500035N22Rik	lincRNA	2.75	3.33	3.49	3.33	2.00	2.78	2.93	2.85
Down	ENSMUSG00000097261	-2.39	8.28E-03	4930532G15Rik	lincRNA	3.02	3.83	3.23	4.02	2.00	3.22	2.00	2.24
Down	ENSMUSG00000104847	-4.98	8.29E-03	Gm43177	lincRNA	2.65	2.76	2.54	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000101440	-1.71	8.40E-03	5430421F1Rik	lincRNA	3.61	4.31	3.64	3.69	2.57	3.28	3.13	3.44
Down	ENSMUSG00000103349	-3.35	8.68E-03	Gm36888	lincRNA	2.94	3.57	3.09	3.62	2.00	2.00	2.00	2.54
Down	ENSMUSG00000102545	-1.07	8.73E-03	6430573P05Rik	lincRNA	5.15	4.74	5.11	4.37	4.52	2.92	3.67	4.41
Down	ENSMUSG00000115354	-4.25	8.74E-03	Gm49083	lincRNA	2.85	2.30	3.01	3.27	2.00	2.00	2.24	2.00
Down	ENSMUSG00000100827	-5.67	8.76E-03	Gm29069	lincRNA	3.25	2.30	3.01	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113644	-3.89	8.76E-03	4930448C13Rik	lincRNA	3.10	3.88	3.93	3.90	2.00	2.24	2.00	2.54
Down	ENSMUSG00000105316	-4.11	9.32E-03	Gm42953	lincRNA	2.94	2.76	2.15	2.27	2.00	2.00	2.00	2.12
Down	ENSMUSG00000115965	-1.77	9.32E-03	Gm30564	lincRNA	3.67	3.26	3.80	3.08	2.37	2.92	2.63	2.44
Down	ENSMUSG00000085016	-5.12	9.39E-03	Gm11335	lincRNA	2.43	3.11	3.70	2.14	2.00	2.00	2.00	2.12
Down	ENSMUSG00000111086	-4.61	9.51E-03	Gm48671	lincRNA	2.30	2.16	2.84	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000110260	-2.01	9.53E-03	Gm30504	lincRNA	4.07	3.52	3.49	3.74	2.57	2.53	2.63	2.85
Down	ENSMUSG00000101978	-5.76	9.72E-03	1700063O14Rik	lincRNA	2.43	2.76	2.74	3.55	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115623	-4.74	9.78E-03	Gm41225	lincRNA	3.18	3.19	3.75	3.74	2.00	2.34	2.00	2.62
Down	ENSMUSG00000114959	-3.23	9.82E-03	G630093K05Rik	lincRNA	2.65	2.95	3.43	3.90	2.00	2.12	2.00	2.00
Down	ENSMUSG00000098424	-1.95	9.97E-03	Gm27202	lincRNA	3.61	4.20	4.13	4.05	2.25	2.92	2.00	3.84
Down	ENSMUSG00000097697	-2.58	9.98E-03	4833412C05Rik	lincRNA	2.85	3.52	3.16	3.33	2.00	2.53	2.24	2.34
Up	ENSMUSG00000104796	2.44	5.49E-99	Gm44354	miRNA	6.28	6.58	6.40	6.36	8.28	8.73	8.84	8.72
Down	ENSMUSG00000105398	-7.53	2.82E-74	Gm47305	miRNA	10.74	10.43	10.28	10.22	2.74	3.56	3.67	3.85
Down	ENSMUSG00000105788	-7.44	4.44E-66	Gm47295	miRNA	10.16	9.88	9.70	9.68	2.66	3.43	3.19	3.48
Down	ENSMUSG00000076036	-1.95	1.06E-55	Gm22133	miRNA	8.97	8.84	8.91	8.92	6.88	6.70	7.22	7.12
Up	ENSMUSG00000088246	1.09	1.01E-46	Gm25911	miRNA	8.65	8.61	8.67	8.55	9.81	9.64	9.68	9.67
Down	ENSMUSG00000105145	-8.49	2.30E-42	Gm47299	miRNA	8.76	8.39	8.29	7.93	2.00	2.34	2.13	2.62
Down	ENSMUSG00000105913	-1.58	4.08E-42	Mir5121	miRNA	9.57	9.35	9.47	9.38	7.95	7.96	7.56	8.00
Down	ENSMUSG00000077990	-2.53	4.84E-41	Gm23134	miRNA	6.34	6.63	6.61	6.88	4.52	4.49	3.63	4.59
Up	ENSMUSG00000092956	2.28	8.36E-38	Gm26220	miRNA	5.51	5.93	5.53	5.72	7.80	7.96	7.80	7.80
Up	ENSMUSG00000088609	1.09	2.48E-37	Gm24187	miRNA	10.35	10.17	10.33	10.16	11.43	11.41	11.26	11.25
Down	ENSMUSG00000106279	-7.16	5.94E-36	Gm47287	miRNA	10.26	9.93	9.77	9.63	2.37	2.92	4.16	3.62
Down	ENSMUSG00000098455	-2.62	2.19E-23	Mir1906-1	miRNA	5.06	5.75	5.92	5.99	2.97	3.47	3.87	3.81
Up	ENSMUSG00000076281	1.27	2.79E-21	Gm24270	miRNA	11.24	10.79	10.98	10.49	12.15	12.31	12.17	12.04
Down	ENSMUSG00000092972	-2.46	2.48E-20	Mir3078	miRNA	5.26	5.04	5.68	5.53	3.45	3.73	2.71	3.70
Up	ENSMUSG00000092896	2.65	1.78E-19	Gm23811	miRNA	4.07	4.17	3.43	4.15	6.17	6.42	6.54	5.97
Up	ENSMUSG00000076123	2.11	8.97E-19	Mir700	miRNA	4.26	4.27	4.13	4.65	5.87	6.47	6.32	6.15
Down	ENSMUSG00000104740	-6.95	1.42E-18	Mir6516	miRNA	6.20	5.75	5.90	5.79	2.00	2.00	2.35	2.24
Down	ENSMUSG00000104863	-7.96	2.49E-16	Gm49347	miRNA	6.30	6.38	6.08	5.91	2.00	2.00	2.00	2.34
Up	ENSMUSG00000092686	1.38	7.06E-16	Gm25745	miRNA	8.16	7.73	7.33	7.46	9.46	8.91	8.88	8.95
Down	ENSMUSG00000104690	-4.17	1.70E-15	Gm47304	miRNA	5.34	5.28	5.24	4.91	2.12	2.12	3.24	2.34
Up	ENSMUSG00000099225	1.34	4.09E-15	Mir8104	miRNA	6.25	5.82	6.15	5.76	7.51	7.52	6.84	7.21
Down	ENSMUSG00000104599	-8.38	1.19E-13	Gm49346	miRNA	5.36	4.58	4.70	4.70	2.00	2.00	2.00	2.00
Down	ENSMUSG00000076138	-2.00	1.55E-13	Gm26377	miRNA	8.74	9.11	8.67	9.24	6.55	7.58	6.54	7.04
Down	ENSMUSG00000098652	-1.36	1.25E-12	Gm27671	miRNA	6.49	6.86	6.47	6.73	4.88	5.81	5.36	5.27
Down	ENSMUSG00000106470	-4.55	2.28E-11	Mir7055	miRNA	4.31	4.31	3.75	4.42	2.00	2.12	2.00	2.34
Down	ENSMUSG00000104858	-3.98	2.28E-11	Mir136	miRNA	4.51	3.68	3.89	4.53	2.00	2.44	2.35	2.34
Down	ENSMUSG00000070129	-3.70	4.92E-11	Mir3071	miRNA	4.59	3.88	3.89	4.42	2.00	2.44	2.35	2.62
Down	ENSMUSG00000092885	-1.02	2.09E-10	Gm22123	miRNA	7.11	7.53	7.27	7.48	6.29	6.74	6.15	6.25
Down	ENSMUSG00000076372	-2.05	2.59E-10	Mir568	miRNA	5.76	5.17	5.83	5.25	4.00	3.65	3.07	4.33
Down	ENSMUSG00000093092	-2.60	1.01E-09	Gm22643	miRNA	5.45	5.55	5.13	5.24	2.37	3.43	2.54	4.20
Down	ENSMUSG00000093133	-1.18	4.69E-09	Gm25994	miRNA	6.10	5.87	5.93	5.94	4.16	4.96	5.14	5.11
Down	ENSMUSG00000072837	-1.51	1.25E-08	Mir546	miRNA	5.73	5.49	5.49	5.16	4.03	4.16	3.94	4.55
Up	ENSMUSG00000099258	1.90	2.15E-08	Mir7047	miRNA	4.18	3.92	3.70	4.22	5.34	6.25	4.95	5.66
Down	ENSMUSG00000076236	-2.70	2.61E-08	Mir682	miRNA	3.86	3.52	3.65	3.45	2.13	2.62	2.35	2.44
Down	ENSMUSG00000070133	-4.49	3.00E-08	Mir434	miRNA	4.09	4.01	4.05	3.69	2.00	2.00	2.69	2.00
Down	ENSMUSG00000098606	-2.65	6.12E-08	Mir6903	miRNA	4.51	4.37	3.54	4.63	2.37	2.92	2.86	2.62
Down	ENSMUSG00000065414	-6.27	7.90E-08	Mir138-1	miRNA	2.65	3.11	3.54	3.33	2.00	2.00	2.00	2.00
Down	ENSMUSG00000087855	-3.97	8.10E-08	Mir432	miRNA								

Down	ENSMUSG0000065597	-1.75	2.59E-07	Mir124a-1	miRNA	3.91	4.50	4.63	4.19	3.60	3.22	3.07	2.44
Down	ENSMUSG00000106203	-2.63	3.27E-07	Gm44484	miRNA	3.56	3.97	3.30	3.08	2.00	2.44	2.00	2.85
Down	ENSMUSG00000098475	-2.84	3.41E-07	Mir6982	miRNA	3.18	3.57	3.80	3.33	2.25	2.34	2.00	2.62
Down	ENSMUSG00000105932	-1.02	6.89E-07	Mir6925	miRNA	6.13	5.74	6.35	6.09	5.38	4.76	5.05	5.35
Down	ENSMUSG00000105399	-5.24	6.70E-06	Mir1843b	miRNA	2.54	2.55	2.93	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065453	-6.03	9.20E-06	Mirlet7d	miRNA	3.25	2.66	3.01	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000099141	-5.11	1.95E-05	Mir6352	miRNA	2.43	2.86	2.42	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098589	-4.30	2.03E-05	Gm27353	miRNA	3.56	3.66	3.09	3.45	2.00	2.00	2.00	2.34
Down	ENSMUSG00000098790	-5.32	2.08E-05	Mir6942	miRNA	2.65	2.95	2.93	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065590	-5.23	2.36E-05	Mir212	miRNA	2.54	2.55	2.84	2.86	2.00	2.00	2.00	2.00
Up	ENSMUSG00000098973	1.06	2.38E-05	Mir6236	miRNA	11.64	11.60	11.67	11.83	13.09	12.27	12.99	12.51
Down	ENSMUSG00000098780	-3.10	2.87E-05	Mir6390	miRNA	4.11	4.20	4.13	4.22	2.00	3.17	2.00	2.44
Up	ENSMUSG00000087943	1.32	3.08E-05	Gm24245	miRNA	3.67	3.46	4.27	3.90	5.57	4.44	4.71	4.66
Up	ENSMUSG00000084564	1.01	4.16E-05	Mir1895	miRNA	4.62	4.41	5.05	4.89	5.97	5.56	5.60	5.47
Down	ENSMUSG00000084523	-2.36	4.34E-05	Mir1903	miRNA	4.42	4.79	4.65	4.15	2.00	3.80	2.35	2.92
Down	ENSMUSG00000088464	-5.20	4.68E-05	Mir1970	miRNA	2.16	2.16	2.84	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000076451	-1.88	5.52E-05	Mir770	miRNA	6.02	5.83	6.25	5.95	2.66	4.04	5.26	4.41
Down	ENSMUSG00000106587	-3.08	8.31E-05	Gm47311	miRNA	2.65	2.95	3.09	3.15	2.25	2.12	2.00	2.24
Down	ENSMUSG00000093232	-3.07	9.58E-05	Gm24111	miRNA	3.18	3.63	3.16	4.25	2.00	2.70	2.24	2.24
Down	ENSMUSG00000104771	-3.04	9.95E-05	Gm44394	miRNA	3.25	3.83	3.89	2.94	2.25	2.34	2.00	2.54
Down	ENSMUSG00000099127	-3.58	1.05E-04	Gm27320	miRNA	3.91	3.25	2.42	3.01	2.00	2.00	2.45	2.12
Down	ENSMUSG00000106463	-1.90	1.40E-04	Mir1291	miRNA	3.31	3.33	3.16	2.94	2.13	2.70	2.24	2.54
Down	ENSMUSG00000105621	-3.03	1.42E-04	Mirlet7f-1	miRNA	3.10	3.57	3.16	4.25	2.00	2.70	2.24	2.24
Down	ENSMUSG00000105814	-2.41	1.46E-04	Mir703	miRNA	3.50	3.68	3.49	3.78	2.57	2.00	2.63	2.62
Down	ENSMUSG00000089214	-4.52	3.48E-04	Mir1931	miRNA	2.75	2.43	2.00	2.59	2.00	2.00	2.00	2.00
Up	ENSMUSG00000092826	1.21	3.77E-04	Gm24197	miRNA	4.39	4.58	4.49	3.65	5.25	5.66	5.20	5.23
Down	ENSMUSG00000099045	-4.63	3.83E-04	Mir6374	miRNA	2.54	2.66	2.42	2.38	2.00	2.00	2.00	2.00
Up	ENSMUSG00000105537	1.18	4.24E-04	Gm47292	miRNA	5.38	4.67	4.70	4.42	5.77	6.22	5.81	5.73
Down	ENSMUSG00000093238	-5.47	4.42E-04	Mir9-3	miRNA	3.02	2.66	2.54	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106474	-4.42	4.88E-04	Gm47294	miRNA	2.54	2.16	2.54	2.49	2.00	2.00	2.00	2.00
Up	ENSMUSG00000098458	2.10	5.41E-04	Mir6971	miRNA	2.75	2.55	2.93	2.59	4.47	4.01	3.13	3.70
Up	ENSMUSG00000098954	1.78	6.08E-04	Mir7658	miRNA	3.25	3.33	2.93	2.59	3.89	4.51	4.33	4.05
Down	ENSMUSG00000094663	-2.17	6.55E-04	Mir1900	miRNA	4.54	4.44	4.85	4.25	2.44	2.54	2.00	3.53
Down	ENSMUSG00000093354	-1.18	8.72E-04	Mir125b-1	miRNA	3.10	2.76	2.64	2.94	2.00	2.25	2.00	2.24
Down	ENSMUSG00000093314	-3.23	1.00E-03	Mir5136	miRNA	3.67	2.76	3.09	3.55	2.00	2.44	2.00	2.34
Down	ENSMUSG00000065475	-4.09	1.17E-03	Mir27b	miRNA	2.29	2.75	2.29	2.38	2.00	2.00	2.00	2.12
Down	ENSMUSG00000106649	-4.15	1.19E-03	Gm49349	miRNA	3.02	2.66	3.16	2.49	2.00	2.12	2.00	2.12
Down	ENSMUSG00000098582	-3.43	1.34E-03	Mir7080	miRNA	3.67	2.86	2.64	2.49	2.00	2.00	2.00	2.44
Down	ENSMUSG00000080406	-4.00	1.50E-03	Mir1188	miRNA	2.30	3.68	2.29	2.38	2.00	2.00	2.00	2.24
Up	ENSMUSG00000076387	1.25	1.57E-03	Mir671	miRNA	3.25	3.39	3.49	3.60	4.94	4.22	3.87	4.14
Up	ENSMUSG00000093075	1.86	1.70E-03	Gm25948	miRNA	3.38	3.52	3.36	3.15	3.60	5.29	5.16	4.28
Down	ENSMUSG00000092758	-5.66	1.70E-03	Gm25026	miRNA	2.65	2.95	3.54	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000084565	-1.31	2.05E-03	Mir1901	miRNA	4.77	4.74	4.27	4.50	2.90	3.69	3.13	4.25
Up	ENSMUSG00000105563	1.20	2.24E-03	Gm44408	miRNA	3.61	2.86	3.21	4.56	3.21	4.30	3.35	4.05
Down	ENSMUSG00000094952	-4.03	2.53E-03	Mir3070b	miRNA	2.16	2.43	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000093185	-1.30	2.65E-03	Gm25692	miRNA	5.24	5.04	5.11	5.04	3.77	4.04	3.67	4.50
Down	ENSMUSG00000104767	-4.51	2.76E-03	Gm47271	miRNA	4.54	2.00	2.67	2.84	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104589	-1.01	2.87E-03	Gm44311	miRNA	4.82	5.46	5.43	5.20	3.85	4.47	4.73	4.36
Down	ENSMUSG00000106439	-4.21	2.99E-03	Gm44327	miRNA	2.00	2.95	2.42	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089294	-5.39	3.12E-03	Mir2139	miRNA	3.31	2.43	2.93	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000092867	-4.23	3.22E-03	Mir3058	miRNA	2.94	2.00	2.42	2.86	2.00	2.00	2.00	2.12
Down	ENSMUSG00000065495	-4.72	3.24E-03	Mir150	miRNA	2.00	2.76	2.74	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000094983	-4.95	3.51E-03	Gm23726	miRNA	3.50	3.03	3.23	3.27	2.00	2.00	2.00	2.24
Down	ENSMUSG00000065569	-3.99	3.54E-03	Mir137	miRNA	2.30	2.66	2.54	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG00000099082	-4.29	4.08E-03	Mir7036b	miRNA	2.00	2.43	2.64	2.49	2.00	2.00	2.00	2.00
Up	ENSMUSG00000093156	1.06	4.10E-03	Mir3076	miRNA	4.51	4.79	5.02	4.37	5.32	6.13	5.49	5.42
Down	ENSMUSG00000092985	-2.84	4.14E-03	Mir378b	miRNA	2.30	2.30	2.00	3.21	2.44	2.00	2.00	2.00
Down	ENSMUSG00000098482	-1.83	4.18E-03	Mir6363	miRNA	4.29	4.31	4.05	4.63	3.55	2.00	3.19	3.23
Down	ENSMUSG00000093118	-4.62	4.32E-03	Mir3083	miRNA	2.54	2.30	2.54	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000092906	-4.50	4.54E-03	Gm25736	miRNA	2.43	2.00	2.64	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000090574	-3.98	4.69E-03	Mir47661	miRNA	2.30	2.76	2.15	2.77	2.00	2.00	2.00	2.12
Down	ENSMUSG00000065611	-4.91	5.01E-03	Mir23a	miRNA	2.30	2.95	2.64	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000095842	-3.91	5.14E-03	Gm24302	miRNA	2.16	2.86	2.15	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105433	-3.21	5.23E-03	Gm44486	miRNA	2.54	2.30	3.01	2.86	2.00	2.34	2.00	2.00
Down	ENSMUSG00000106252	-4.68	6.04E-03	Mir684-1	miRNA	2.43	2.16	2.54	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000077830	-4.20	6.35E-03	Gm26050	miRNA	2.43	2.16	2.84	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105211	-4.15	6.94E-03	Gm47302	miRNA	2.16	2.16	2.42	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000080441	-2.60	7.62E-03	Mir1249	miRNA	2.65	2.55	2.93	2.86	2.00	2.00	2.24	2.34
Down	ENSMUSG00000098714	-4.18	7.63E-03	Mir7663	miRNA	2.43	2.43	2.29	2.38	2.00	2.00	2.00	2.00
Up	ENSMUSG00000105468	1.66	7.95E-03	Mir6906	miRNA	2.75	2.43	3.23	2.86	2.97	4.10	4.07	3.89
Down	ENSMUSG00000065412	-1.45	8.07E-03	Mir29b-2	miRNA	3.50	3.26	3.60	2.86	3.04	2.00	2.79	2.54
Down	ENSMUSG00000093256	-2.30	8.72E-03	Gm22933	miRNA	2.30	2.95	2.42	3.39	2.37	2.00	2.00	2.44
Down	ENSMUSG00000097466	-3.50	9.72E-03	Mir444	miRNA	2.16	2.66	2.29	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105924	-3.62	9.80E-03	Gm44359	miRNA	2.54	2.86	2.84	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098613	-2.94	9.97E-03	Mir6931	miRNA	3.10	3.26	2.54	2.59	2.00	2.12	2.24	2.24
Down	ENSMUSG00000098462	-4.51	2.65E-258	Gm27694	misc_RNA	12.67	12.51	12.20	12.72	7.95	8.08	7.67	8.41
Down	ENSMUSG00000065037	-5.17	3.52E-183	Rn7sk	misc_RNA	15.36	15.23	15.17	15.20	10.01	10.18	10.04	10.07
Down	ENSMUSG00000099250	-7.48	7.83E-70	Rn7s2	misc_RNA	10.88	10.56	10.40	10.35	2.74	3.61	4.00	3.89
Down	ENSMUSG00000099021	-7.27	8.83E-51	Rn7s1	misc_RNA	10.85	10.53	10.35	10.30	2.66	3.56	4.40	3.89
Down	ENSMUSG00000064945	-5.07	4.05E-40	Rny3	misc_RNA	11.25	11.07	10.92	11.32	6.73	5.08	6.24	6.15
Down	ENSMUSG00000098394	-3.59	3.01E-24	Gm27999	misc_RNA	5.26	5.40	5.67	5.55	3.38	2.24	3.12	3.24
Down	ENSMUSG00000065701	-5.61	1.63E-23	Rny1	misc_RNA	7.83	7.70	7.50	7.82	3.17	2.12	3.35	3.23
Down	ENSMUSG00000098526	-4.29	5.91E-23	Gm27366	misc_RNA	5.17	5.17	4.89	4.87	2.74	2.62	2.40	2.34
Down	ENSMUSG00000099136	-4.20	6.91E-23	Gm27608	misc_RNA	5.23	5.26	5.40	5.00	2.25	2.78	2.00	2.92
Down	ENSMUSG00000098662	-3.81	1.18E-16	Gm27582	misc_RNA	4.91	4.82	4.63	4.94	2.66	2.74	2.13	2.85
Down	ENSMUSG00000092746	-4.26	1.62E-15	Rn7s6	misc_RNA	5.34	5.35	5.45	4.94	2.13	2.12	3.24	2.34
Down	ENSMUSG00000097930	-1.47	1.69E-12	Gm22820	misc_RNA								

Down	ENSMUSG00000098395	-2.18	2.93E-11	Gm27998	misc_RNA	5.65	5.40	5.92	5.60	2.97	4.60	3.07	4.02
Down	ENSMUSG00000099307	-2.91	2.99E-11	Gm27419	misc_RNA	5.29	5.15	4.46	4.63	3.55	2.62	2.00	3.06
Down	ENSMUSG00000064999	-5.85	5.91E-11	Gm26035	misc_RNA	4.15	4.37	4.27	2.00	4.42	2.00	2.35	2.00
Down	ENSMUSG00000065824	-3.23	1.03E-10	Gm26315	misc_RNA	5.24	4.47	5.19	5.11	2.00	3.73	2.45	2.44
Down	ENSMUSG00000065145	-7.65	6.58E-10	Vaultrc5	misc_RNA	4.84	3.88	3.23	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098543	-2.95	7.79E-10	Gm27533	misc_RNA	4.80	5.21	4.80	4.72	3.45	2.70	2.13	2.92
Down	ENSMUSG00000092774	-6.70	6.10E-09	Gm24195	misc_RNA	4.18	4.41	4.40	5.11	2.00	2.12	2.00	2.13
Down	ENSMUSG00000098711	-1.53	4.06E-09	Gm28030	misc_RNA	5.55	5.66	5.56	5.66	3.85	3.73	4.85	4.43
Down	ENSMUSG00000098974	-3.13	1.76E-08	Gm27505	misc_RNA	4.48	4.24	4.34	4.02	2.90	2.12	2.35	2.62
Down	ENSMUSG00000098599	-2.50	3.80E-08	Gm27627	misc_RNA	3.86	3.57	2.25	3.74	2.25	2.62	2.35	3.06
Down	ENSMUSG00000098396	-2.17	7.41E-08	Gm27997	misc_RNA	5.41	5.21	5.38	5.46	2.74	2.44	4.24	4.17
Down	ENSMUSG00000098793	-1.82	3.17E-07	Gm27286	misc_RNA	5.13	4.84	5.07	5.12	3.55	2.98	4.16	3.53
Down	ENSMUSG00000092702	-5.86	5.93E-07	Gm24514	misc_RNA	3.44	2.55	3.49	3.78	2.00	2.12	2.00	2.00
Up	ENSMUSG00000098312	3.63	1.50E-06	Gm27953	misc_RNA	2.94	2.16	2.29	2.59	3.89	5.02	4.88	4.74
Down	ENSMUSG00000099126	-2.15	5.78E-06	Gm27321	misc_RNA	3.67	3.57	3.75	3.39	2.66	2.92	2.00	2.44
Down	ENSMUSG00000098986	-1.75	8.58E-06	Gm28006	misc_RNA	4.57	5.44	5.37	5.34	4.36	3.77	3.79	2.92
Down	ENSMUSG00000098603	-1.90	1.06E-05	Gm27798	misc_RNA	3.81	3.57	3.70	3.33	2.66	2.00	3.13	2.54
Down	ENSMUSG00000084671	-5.41	1.16E-05	Gm26023	misc_RNA	2.94	2.43	2.64	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098659	-5.44	2.21E-05	Gm27389	misc_RNA	2.30	2.76	2.42	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098355	-2.85	7.25E-05	Gm27553	misc_RNA	3.18	3.57	3.69	4.12	2.66	2.00	2.00	2.78
Down	ENSMUSG00000064796	-5.13	7.99E-05	Terc	misc_RNA	2.85	2.95	2.54	2.27	2.00	2.00	2.00	2.00
Up	ENSMUSG00000099192	1.61	9.48E-05	Gm27373	misc_RNA	3.25	3.33	4.40	3.39	4.36	5.13	5.00	5.15
Down	ENSMUSG00000088022	-2.63	2.45E-04	Gm22146	misc_RNA	3.56	3.68	3.16	3.55	2.00	2.53	2.00	2.78
Down	ENSMUSG00000064684	-2.66	3.19E-04	Gm24146	misc_RNA	3.02	3.33	3.30	3.74	2.00	2.34	2.79	2.00
Down	ENSMUSG00000098755	-5.19	3.32E-04	Gm27651	misc_RNA	2.30	2.95	3.01	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098990	-4.54	3.88E-04	Gm27596	misc_RNA	3.02	2.00	2.54	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000088849	-4.63	3.98E-04	Gm26353	misc_RNA	2.43	2.43	2.84	2.00	2.27	2.00	2.00	2.00
Down	ENSMUSG00000065327	-4.42	5.32E-04	Gm22058	misc_RNA	2.30	2.43	2.54	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065254	-4.53	5.46E-04	Gm23973	misc_RNA	2.16	2.55	2.84	2.00	2.27	2.00	2.00	2.00
Down	ENSMUSG00000084597	-4.42	5.58E-04	Gm22343	misc_RNA	2.16	2.76	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000099252	-5.67	6.23E-04	Gm27265	misc_RNA	2.65	2.76	3.16	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000093064	-4.17	8.15E-04	Gm23153	misc_RNA	2.65	2.43	2.74	2.49	2.00	2.13	2.00	2.00
Down	ENSMUSG00000099169	-4.73	6.25E-04	Gm25413	misc_RNA	3.02	3.55	3.00	2.38	2.00	2.00	2.00	2.00
Up	ENSMUSG00000098963	5.14	9.59E-04	Gm27699	misc_RNA	3.44	3.52	3.70	4.19	3.45	4.85	5.31	4.90
Down	ENSMUSG00000084628	-4.29	1.04E-03	Gm22613	misc_RNA	2.00	2.16	2.74	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098825	-2.11	1.41E-03	Gm27285	misc_RNA	3.44	3.11	3.49	3.15	2.00	2.00	2.45	2.99
Down	ENSMUSG00000084537	-4.17	1.45E-03	Gm25845	misc_RNA	2.54	2.16	2.15	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000084477	-4.99	1.50E-03	Gm25780	misc_RNA	2.00	2.00	3.01	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098967	-5.10	1.75E-03	Gm27845	misc_RNA	2.43	2.55	2.84	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000099081	-1.18	1.86E-03	Gm27624	misc_RNA	5.44	5.84	5.75	5.98	4.68	4.90	4.13	5.00
Up	ENSMUSG00000098846	1.43	2.17E-03	Gm27905	misc_RNA	3.25	3.57	3.75	3.45	3.85	4.78	4.88	4.63
Down	ENSMUSG00000089475	-4.14	2.71E-03	Gm25363	misc_RNA	2.54	2.43	2.29	2.94	2.00	2.00	2.12	2.94
Down	ENSMUSG00000098948	-1.15	2.72E-03	Gm27640	misc_RNA	4.95	4.50	4.78	4.12	3.45	4.04	3.30	3.99
Down	ENSMUSG00000089446	-3.73	3.37E-03	Gm22533	misc_RNA	2.65	2.76	2.54	2.00	2.77	2.24	2.00	2.00
Down	ENSMUSG00000093745	-1.70	3.68E-03	Gm24420	misc_RNA	4.22	3.63	4.09	3.60	4.22	2.70	2.45	3.12
Down	ENSMUSG00000099168	-4.15	5.07E-03	Gm27717	misc_RNA	2.30	2.30	2.15	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000099235	-2.30	5.15E-03	Gm27892	misc_RNA	4.75	5.06	5.33	4.45	4.40	2.45	2.45	2.45
Down	ENSMUSG00000098395	-2.98	5.51E-03	Gm27500	misc_RNA	3.31	2.43	2.42	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000088230	-4.54	5.96E-03	Gm25427	misc_RNA	2.00	2.30	3.16	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098466	-2.23	7.79E-03	Gm27350	misc_RNA	2.85	2.76	2.84	2.38	2.00	2.00	2.00	2.62
Down	ENSMUSG00000084664	-3.71	8.71E-03	Gm23213	misc_RNA	2.30	2.16	2.29	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000088357	-3.89	8.89E-03	Gm24011	misc_RNA	2.16	2.55	2.15	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098805	-2.49	8.96E-03	Gm27470	misc_RNA	2.94	2.43	3.01	2.38	2.00	2.00	2.00	2.54
Down	ENSMUSG00000084511	-3.68	9.01E-03	Gm22481	misc_RNA	3.25	2.55	2.15	2.49	2.00	2.12	2.13	2.00
Down	ENSMUSG00000064337	-7.68	0.00E+00	mt-Rnr1	Mt_rRNA	18.29	18.29	18.55	10.87	10.87	10.65	10.64	10.86
Down	ENSMUSG00000064339	-7.59	0.00E+00	mt-Rnr2	Mt_rRNA	19.20	19.10	19.47	19.39	11.89	11.42	11.69	11.80
Down	ENSMUSG00000064340	-6.38	4.00E-210	mt-Tl1	Mt_rRNA	10.64	10.78	10.82	10.82	4.63	4.35	4.73	4.79
Down	ENSMUSG00000064350	-5.77	2.21E-142	mt-Ty	Mt_rRNA	11.25	11.49	11.49	11.51	6.17	4.89	5.60	6.12
Down	ENSMUSG00000064369	-4.93	5.16E-94	mt-Te	Mt_rRNA	11.24	11.57	11.58	11.82	6.31	6.65	6.52	7.14
Down	ENSMUSG00000064349	-5.56	6.69E-85	mt-Tc	Mt_rRNA	10.18	10.57	10.47	10.58	5.52	4.27	4.67	5.51
Down	ENSMUSG00000064348	-6.67	9.26E-78	mt-Tn	Mt_rRNA	10.40	10.89	10.67	11.03	3.96	4.04	3.94	5.20
Down	ENSMUSG00000064372	-6.08	6.04E-73	mt-Tp	Mt_rRNA	10.89	11.12	11.15	11.25	5.11	4.97	5.07	5.55
Down	ENSMUSG00000064371	-5.86	6.85E-68	mt-Tl	Mt_rRNA	10.68	10.87	10.90	11.04	5.02	5.10	5.24	5.35
Down	ENSMUSG00000064346	-6.56	6.40E-54	mt-Tw	Mt_rRNA	10.34	10.79	10.77	11.08	4.49	3.79	3.91	5.27
Down	ENSMUSG00000064342	-6.41	1.64E-52	mt-Tl	Mt_rRNA	9.95	10.31	10.21	10.46	3.73	4.35	3.63	4.75
Down	ENSMUSG00000064338	-6.93	1.71E-51	mt-Tv	Mt_rRNA	10.39	10.87	10.67	10.95	3.96	4.13	2.71	5.00
Down	ENSMUSG00000064347	-6.80	2.74E-49	mt-Ta	Mt_rRNA	10.17	10.69	10.58	10.91	3.89	3.98	3.50	4.92
Down	ENSMUSG00000064336	-7.43	6.92E-47	mt-Tf	Mt_rRNA	8.11	8.09	8.17	8.38	3.17	2.00	2.00	2.54
Down	ENSMUSG00000064366	-5.70	1.95E-31	mt-Tl2	Mt_rRNA	9.61	10.03	10.04	10.30	3.89	4.63	3.94	5.20
Down	ENSMUSG00000064365	-6.00	8.69E-31	mt-Ts2	Mt_rRNA	9.76	10.16	10.14	10.43	3.97	4.80	3.94	5.20
Down	ENSMUSG00000064352	-5.64	5.20E-29	mt-Ts1	Mt_rRNA	5.65	5.95	5.32	6.03	2.25	2.00	2.00	2.85
Down	ENSMUSG00000064364	-5.94	2.15E-28	mt-Th	Mt_rRNA	10.49	10.92	10.87	11.18	3.55	5.14	5.04	5.89
Down	ENSMUSG00000064344	-4.27	9.00E-27	mt-Tm	Mt_rRNA	10.36	10.57	10.58	10.67	6.67	6.32	6.67	4.85
Down	ENSMUSG00000064343	-5.06	1.70E-25	mt-Tq	Mt_rRNA	10.06	10.26	10.16	10.41	4.39	4.00	4.54	5.63
Down	ENSMUSG00000064361	-4.92	2.83E-15	mt-Tr	Mt_rRNA	4.57	4.67	4.95	5.17	2.66	2.00	2.00	2.34
Down	ENSMUSG00000064353	-5.48	1.24E-06	mt-Td	Mt_rRNA	4.54	5.30	4.49	4.87	2.25	2.34	2.00	2.12
Up	CLSTN3	2.20	7.34E-149	NA	NA	9.85	9.73	9.80	9.59	11.95	11.98	12.11	11.72
Down	NFIX	-1.56	2.61E-143	NA	NA	11.73	11.70	11.72	11.68	10.27	10.11	10.08	10.15
Down	RIN1	-3.01	1.17E-94	NA	NA	8.56	8.63	8.87	8.60	5.58	5.10	6.24	6.24
Up	DIP2A	1.64	2.66E-88	NA	NA	8.64	8.65	8.61	8.42	10.27	10.17	10.27	10.15
Down	LIX1	-2.61	7.28E-88	NA	NA	8.65	8.79	8.86	8.98	6.19	6.32	5.80	6.66
Up	PP1P5K2	1.77	1.86E-85	NA	NA	7.86	8.11	8.05	8.03	9.63	9.82	9.98	9.63
Down	FTL1	-1.81	1.01E-80	NA	NA	10.01	9.77	9.98	9.95	8.10	8.18	8.09	8.17
Down	GAREM1	-1.63	1.26E-71	NA	NA	9.13	9.26	9.21	9.10	7.66	7.52	7.34	7.70
Down	LRATD2	-2.76	1.23E-59	NA	NA	7.61	7.46	7.80	7.75	5.26	4.82	4.95	5.15
Up	LRATD1	1.12	8.26E-57	NA	NA	9.29	9.35	9.27	9.09	10.50	10.27	10.39	10.30
Up	FLYACH1	1.66	1.70E-53	NA	NA	10.51	10.51	10.42	10.33	12.21	12.11	11.99</	

Down	CDR1OS	-1.79	1.37E-42	NA	NA	14.39	14.51	14.40	14.46	12.59	12.69	12.70	12.65
Up	ANAPC2	1.14	2.12E-41	NA	NA	8.66	8.67	8.55	8.46	9.82	9.63	9.68	9.73
Down	NRARP	-3.49	3.38E-39	NA	NA	6.39	6.73	6.89	3.60	6.89	4.32	2.86	3.62
Down	1-Mar	-1.75	7.73E-39	NA	NA	8.86	9.00	8.76	9.00	7.27	7.05	6.72	7.56
Up	6-Sep	1.00	2.21E-38	NA	NA	8.72	8.56	8.76	8.65	9.51	9.70	9.81	9.63
Up	C1QTNF4	1.34	2.79E-38	NA	NA	8.64	8.26	8.54	8.31	9.72	9.84	9.86	9.66
Up	4-Sep	1.55	2.75E-34	NA	NA	9.38	8.94	9.31	9.28	10.89	10.27	10.79	10.97
Up	KLC2	1.03	9.22E-31	NA	NA	10.33	10.04	10.20	9.93	11.27	11.21	11.20	10.96
Up	ANKRD26	1.15	2.12E-28	NA	NA	7.37	7.43	7.31	7.38	8.74	8.54	8.31	8.41
Down	C030017B01RIK	-1.29	7.84E-25	NA	NA	7.66	7.66	7.61	7.92	6.68	6.47	6.34	6.35
Up	INSYN2A	1.15	5.50E-24	NA	NA	6.24	6.70	6.44	6.60	7.55	7.69	7.51	7.73
Down	PRDM16OS	-3.47	1.17E-23	NA	NA	6.74	6.56	6.28	6.61	2.25	3.87	2.93	4.41
Down	LYL1	-1.74	1.76E-23	NA	NA	6.58	6.79	6.63	6.69	4.97	4.68	5.27	5.25
Down	AKT2	-1.24	2.14E-23	NA	NA	8.81	8.67	8.63	8.60	7.76	7.23	7.10	7.65
Down	MIR100HG	-1.08	4.21E-23	NA	NA	7.95	8.29	8.42	8.37	7.08	7.21	7.16	7.38
Down	PDGFB	-1.92	8.83E-21	NA	NA	6.46	6.33	6.95	6.73	4.22	4.82	5.13	5.13
Up	GM50115	1.11	3.30E-20	NA	NA	8.66	8.57	8.51	8.36	9.38	9.71	9.72	9.69
Up	GM10817	1.26	5.49E-20	NA	NA	7.16	6.88	7.07	6.94	8.40	8.31	8.11	8.11
Down	RBM52	-1.88	7.89E-20	NA	NA	6.87	6.56	6.42	6.77	5.07	4.27	5.30	4.90
Up	ZFP532	1.00	1.51E-19	NA	NA	9.83	9.71	9.75	9.56	10.56	10.84	10.70	10.74
Up	DIPK1B	1.18	1.23E-18	NA	NA	7.39	7.72	7.29	7.48	8.34	8.74	8.83	8.61
Down	GM50394	-2.37	1.22E-17	NA	NA	5.78	5.59	5.78	5.53	3.23	3.69	3.35	4.31
Up	PDE9A	1.21	3.16E-17	NA	NA	6.48	6.81	6.95	7.06	8.13	8.09	8.09	7.78
Down	TAF1	-3.33	4.39E-17	NA	NA	8.38	8.42	8.51	8.42	3.45	5.57	4.71	6.06
Down	IKZF4	-1.18	2.92E-16	NA	NA	7.18	7.18	7.14	7.20	5.94	6.18	5.73	6.27
Up	EXOC7	1.00	4.58E-14	NA	NA	8.21	8.11	8.12	8.15	9.38	9.04	8.97	9.12
Down	RPL41	-1.41	7.00E-14	NA	NA	10.32	10.31	10.31	10.53	8.92	8.98	8.97	9.01
Up	FAM114A1	1.58	1.59E-13	NA	NA	5.42	5.46	5.78	5.72	7.38	6.61	7.00	7.31
Down	GM31087	-1.17	6.55E-13	NA	NA	6.40	6.22	6.52	6.56	5.61	5.28	5.26	5.20
Down	GM34299	1.35	8.72E-13	NA	NA	6.35	5.72	6.38	5.79	7.09	7.56	7.66	7.17
Up	MYORG	-1.65	1.67E-11	NA	NA	7.02	6.92	6.81	6.96	6.05	4.78	4.85	5.44
Down	GM31907	-1.12	2.95E-11	NA	NA	7.06	7.12	7.05	6.45	6.13	5.65	5.67	6.00
Down	POGLUT3	-1.26	2.04E-10	NA	NA	5.90	5.90	6.26	5.07	5.07	4.40	4.94	4.94
Up	GM46637	0.98	3.27E-10	NA	NA	3.86	4.24	4.24	3.94	5.82	5.82	5.69	5.65
Down	CEBPA	-3.19	4.12E-10	NA	NA	6.16	6.48	6.40	6.67	2.47	3.22	4.79	3.29
Down	GM49948	-2.51	8.95E-10	NA	NA	9.46	9.69	9.68	9.68	5.45	7.84	5.52	7.78
Up	GLS2	1.03	1.21E-09	NA	NA	6.65	5.98	6.39	6.26	7.60	7.54	7.20	6.89
Down	GM50012	-3.95	1.87E-09	NA	NA	4.22	3.73	3.70	3.45	2.37	2.00	2.00	2.44
Down	RSKR	-1.72	2.15E-09	NA	NA	4.32	4.56	4.75	4.65	2.74	3.38	4.00	2.78
Down	AOPEP	-1.46	2.27E-09	NA	NA	7.25	7.27	7.84	7.49	5.38	5.63	6.76	6.12
Down	1700094D03RIK	-1.38	3.41E-09	NA	NA	5.61	5.72	5.11	5.41	4.31	4.47	4.19	4.20
Down	CAPSL	-3.00	4.48E-09	NA	NA	4.45	4.24	4.68	5.11	2.74	3.11	2.00	2.85
Down	GM50383	-1.20	5.35E-09	NA	NA	5.66	5.40	5.63	5.65	4.31	4.60	4.16	4.95
Down	AA387883	-2.51	7.37E-09	NA	NA	4.62	4.56	4.13	4.70	3.29	2.24	2.71	3.06
Down	GM34567	-3.04	1.02E-08	NA	NA	5.23	5.21	6.23	5.74	3.45	2.70	2.00	4.11
Down	GM30042	-3.64	1.22E-08	NA	NA	2.75	3.63	4.54	3.33	2.00	2.12	2.45	2.34
Down	GM3509	-1.04	4.84E-08	NA	NA	5.58	5.12	5.52	4.36	4.47	4.47	4.50	4.74
Up	TPRN	1.07	5.08E-08	NA	NA	6.63	6.62	6.70	7.84	6.45	7.37	7.48	7.82
Down	FAM228B	-1.63	7.02E-08	NA	NA	5.76	6.00	6.07	6.13	2.97	4.64	5.05	4.77
Down	GM42064	-1.13	7.96E-08	NA	NA	6.57	6.71	7.24	6.80	5.79	6.22	5.45	5.54
Down	KIF6	-1.21	1.13E-07	NA	NA	5.85	5.98	5.68	6.04	5.26	4.44	4.52	4.85
Down	GM49979	-2.83	1.58E-07	NA	NA	3.99	4.17	3.60	3.21	2.37	2.92	2.00	2.24
Down	GM49883	-1.50	4.02E-07	NA	NA	5.08	5.06	4.95	4.87	4.10	3.11	3.90	3.89
Down	GM50152	-6.24	5.52E-07	NA	NA	2.54	3.52	3.30	3.21	2.00	2.00	2.00	2.00
Down	GM50055	-5.91	6.64E-07	NA	NA	2.75	2.95	2.54	3.55	2.00	2.00	2.00	2.00
Down	GM50024	-5.58	6.64E-07	NA	NA	3.31	3.68	3.93	3.69	2.00	2.00	2.24	2.00
Down	GM2629	-2.14	8.54E-07	NA	NA	4.18	4.13	4.13	4.39	2.90	2.12	3.24	2.99
Down	GM50250	-5.98	9.33E-07	NA	NA	2.94	2.55	2.84	3.60	2.00	2.00	2.00	2.00
Down	GM50268	-2.41	1.04E-06	NA	NA	3.81	3.26	4.17	3.55	2.97	2.00	2.54	2.44
Down	GM32282	-2.60	1.52E-06	NA	NA	4.15	4.37	3.84	4.34	2.00	2.92	3.07	2.44
Down	GM50107	-1.59	1.57E-06	NA	NA	4.91	5.31	5.20	5.19	3.69	4.60	3.35	3.44
Down	GM50273	-4.61	2.17E-06	NA	NA	3.50	3.46	3.75	2.86	2.00	2.00	2.00	2.34
Down	9830166K06RIK	-2.98	2.25E-06	NA	NA	4.67	4.61	4.70	4.65	2.00	3.69	2.13	2.44
Down	IRGM2	-2.11	2.51E-06	NA	NA	4.03	4.74	4.43	4.58	2.74	2.78	2.86	3.57
Down	EEF1A1-PS1	-2.04	2.95E-06	NA	NA	3.44	3.73	3.97	3.45	2.74	2.34	2.45	2.85
Down	TMEM200B	-5.39	4.65E-06	NA	NA	3.31	2.86	3.23	3.01	2.00	2.00	2.00	2.02
Down	GM33228	-2.37	6.54E-06	NA	NA	4.91	5.14	4.91	5.44	2.25	4.24	2.24	3.48
Down	GM50287	-2.69	9.70E-06	NA	NA	3.18	3.19	3.30	3.21	2.00	2.00	2.35	2.62
Down	ECRG4	-4.76	1.08E-05	NA	NA	5.50	3.73	3.49	6.20	2.00	2.12	2.00	3.06
Up	GM1604B	2.45	1.11E-05	NA	NA	2.65	2.55	3.09	3.01	4.25	3.98	5.05	4.17
Down	GM41556	-4.80	1.37E-05	NA	NA	4.03	3.19	3.60	3.15	2.00	2.00	2.00	2.34
Down	VAV1	-1.56	1.74E-05	NA	NA	5.36	5.60	4.93	5.35	4.03	3.73	3.30	4.70
Down	PLEKH4A	-1.78	2.29E-05	NA	NA	4.32	5.25	4.30	3.98	2.74	3.77	3.19	3.17
Up	ZMYND12	1.57	2.34E-05	NA	NA	4.54	4.01	4.01	6.34	5.84	6.31	5.84	5.64
Down	H2-M10	-2.24	3.27E-05	NA	NA	3.67	3.73	3.89	4.92	3.11	2.00	3.07	2.34
Down	GM50335	-2.50	3.42E-05	NA	NA	3.44	4.01	4.09	3.50	2.00	2.00	2.71	3.06
Down	GM50151	-2.82	3.44E-05	NA	NA	2.94	3.11	2.74	3.74	2.00	2.70	2.00	2.12
Down	C030013G03RIK	-5.26	3.59E-05	NA	NA	2.75	2.55	3.16	2.27	2.00	2.00	2.00	2.00
Up	GM50138	1.31	3.76E-05	NA	NA	4.36	4.31	4.73	4.63	5.94	5.84	5.27	5.54
Down	GM50321	-4.05	4.35E-05	NA	NA	3.18	2.95	3.36	3.69	2.00	2.00	2.00	2.24
Down	BCAT2	-1.15	4.47E-05	NA	NA	5.21	5.72	5.63	5.55	4.36	5.28	3.54	4.72
Down	GM49927	-5.24	4.76E-05	NA	NA	2.85	2.76	2.29	2.86	2.00	2.00	2.00	2.00
Down	4930471G03RIK	-5.12	5.85E-05	NA	NA	2.16	2.30	3.43	2.38	2.00	2.00	2.00	2.00
Down	LEF1OS1	-2.04	6.07E-05	NA	NA	3.72	3.73	4.05	4.02	2.37	2.98	2.00	3.23
Down	GM41760	-1.20	6.11E-05	NA	NA	5.19	5.49	5.22	5.00	4.70	3.91	4.13	4.02
Down	CCDC183	-1.40	7.24E-05	NA	NA	4.72	4.17	4.54	4.15	3.23	2.98	3.24	3.95
Down	PRK4	-1.10	1.16E-04	NA	NA	6.15	6.27	6.28	6.52	4.25	5.65	5.75	5.75
Down	4930483P17RIK	-4.18	1.33E-04	NA	NA	3.38	2.30	3.49	2.00	2.00	2.00	2.12	2.24
Down	GPR52	-1.37	1.51E-04	NA	NA	4.29	4.34	4.49	4.91	3.23	3.87	3.40	3.44
Down	CASP16	-2.72	1.65E-04	NA	NA	3.10	3.11	3.01	2.94	2.00	2.53	2.00	2.24

Down	E130008D07RIK	-1.33	2.10E-04	NA	NA	4.18	5.06	5.32	5.02	3.04	4.40	3.59	4.11
Down	A430019L02RIK	-1.86	2.19E-04	NA	NA	3.77	3.83	4.20	3.33	3.17	2.12	2.00	3.29
Down	TRIP10	-1.08	2.35E-04	NA	NA	5.23	5.41	5.56	5.45	4.70	4.58	4.22	4.38
Down	GM49942	-4.60	2.37E-04	NA	NA	2.85	2.95	3.49	2.94	2.00	2.00	2.00	2.24
Down	4930592I03RIK	-3.16	2.46E-04	NA	NA	2.30	2.66	3.70	3.01	2.00	2.00	2.00	2.54
Down	GM31356	-1.45	2.75E-04	NA	NA	4.45	4.84	5.15	4.87	3.11	3.87	3.63	4.05
Down	MLR	-2.41	3.04E-04	NA	NA	3.77	3.63	3.70	3.74	4.42	2.70	2.44	2.86
Down	PRRG4	-1.98	3.82E-04	NA	NA	4.72	4.05	4.40	4.72	2.86	2.34	2.79	4.05
Down	8030456M14RIK	-1.92	3.84E-04	NA	NA	4.07	4.24	3.23	4.65	3.04	2.24	3.30	2.92
Down	GM50202	-4.30	4.05E-04	NA	NA	2.54	2.30	2.15	2.59	2.00	2.00	2.00	2.00
Down	GM36602	-1.99	4.07E-04	NA	NA	3.18	3.52	3.43	3.01	2.25	2.34	2.00	2.99
Down	AA388235	-1.36	4.79E-04	NA	NA	5.00	4.91	4.80	4.87	4.39	3.77	3.07	3.74
Down	GM50245	-5.05	4.90E-04	NA	NA	2.30	2.66	3.16	3.39	2.00	2.00	2.00	2.12
Down	ZAR1L	-3.09	4.93E-04	NA	NA	3.10	3.26	3.54	3.45	2.00	2.62	2.00	2.24
Down	GM49987	-1.35	5.02E-04	NA	NA	4.54	4.67	4.75	5.40	3.73	3.43	3.79	4.17
Down	RPL9-PS6	-1.20	5.35E-04	NA	NA	5.51	5.17	5.50	5.38	5.06	4.07	3.71	4.28
Down	GM41668	-4.49	5.48E-04	NA	NA	2.43	2.16	2.74	3.21	2.00	2.00	2.00	2.12
Down	GM9902	-3.14	6.13E-04	NA	NA	2.30	3.11	3.60	2.69	2.00	2.00	2.00	2.54
Down	1810014P07RIK	-5.79	6.37E-04	NA	NA	3.38	2.86	2.93	2.49	2.00	2.00	2.00	2.00
Down	4933424S05RIK	-1.66	6.44E-04	NA	NA	3.38	3.83	3.09	3.08	2.74	3.05	2.00	2.34
Down	PRDX2-PS1	-3.83	6.88E-04	NA	NA	2.30	2.86	2.30	2.59	2.13	2.00	2.00	2.24
Down	GM50130	-4.32	7.01E-04	NA	NA	3.38	2.55	2.74	2.94	2.00	2.12	2.00	2.12
Down	GM49802	-2.91	7.23E-04	NA	NA	2.94	3.03	3.36	3.15	2.00	2.70	2.00	2.00
Down	GM50300	-4.43	7.35E-04	NA	NA	2.00	2.55	2.93	2.14	2.00	2.00	2.00	2.00
Down	A230051N06RIK	-1.58	7.85E-04	NA	NA	3.91	4.34	4.34	3.97	2.53	3.90	3.00	3.34
Down	GM50269	-2.21	9.30E-04	NA	NA	3.10	3.03	3.43	3.39	2.47	2.44	2.00	2.54
Down	GM49839	-1.62	9.44E-04	NA	NA	3.44	4.17	3.84	3.78	3.55	2.70	2.00	2.85
Down	GM49968	-1.87	9.48E-04	NA	NA	2.94	3.57	3.30	3.21	2.00	2.62	2.00	2.99
Down	GM50240	-1.02	1.10E-03	NA	NA	5.61	5.26	5.42	5.77	4.54	3.80	4.94	4.97
Down	GM30794	-4.68	1.42E-03	NA	NA	3.02	2.66	3.23	3.45	2.00	2.00	2.00	2.24
Down	GM50048	-2.28	1.52E-03	NA	NA	3.99	4.34	4.17	4.53	2.00	3.33	2.00	3.39
Down	DIPK2B	-2.94	1.75E-03	NA	NA	2.85	3.11	3.60	3.69	2.00	2.34	2.00	2.62
Down	GM50403	-2.22	1.98E-03	NA	NA	4.54	3.82	3.80	4.24	3.05	2.00	2.13	2.44
Down	MFS34B2-PS	-2.54	1.97E-03	NA	NA	3.56	3.46	4.01	4.12	2.12	2.45	2.99	2.99
Down	GM50230	-1.10	2.11E-03	NA	NA	4.36	4.50	4.49	4.55	3.77	3.80	3.67	3.29
Down	SMIM38	-4.82	2.12E-03	NA	NA	2.94	2.16	2.74	2.27	2.00	2.00	2.00	2.00
Down	A530088E08RIK	-2.93	2.21E-03	NA	NA	2.94	3.46	2.64	3.39	2.00	2.24	2.54	2.00
Down	GM8934	-2.60	2.55E-03	NA	NA	2.85	3.03	3.30	3.45	2.66	2.24	2.00	2.12
Down	NUP210L	-1.30	2.55E-03	NA	NA	4.48	4.91	5.00	4.55	3.17	4.42	2.71	4.02
Down	GM50009	-2.28	2.86E-03	NA	NA	2.65	3.52	3.36	2.94	2.57	2.00	2.34	2.44
Down	GM41653	-3.22	2.91E-03	NA	NA	3.56	3.68	3.89	3.45	2.47	2.00	2.24	2.44
Up	D330050116RIK	1.02	3.14E-03	NA	NA	5.06	5.21	5.45	4.70	6.54	5.42	6.23	5.80
Down	VMN1R-PS140	-3.68	3.19E-03	NA	NA	4.03	4.09	4.34	4.19	2.00	2.44	2.63	2.24
Down	GM3720	-4.04	3.26E-03	NA	NA	3.18	2.76	2.54	2.69	2.00	2.00	2.00	2.24
Down	GM41562	-4.60	3.33E-03	NA	NA	2.94	3.26	2.93	3.15	2.00	2.24	2.00	2.00
Down	GM6252	-1.41	3.36E-03	NA	NA	3.61	3.63	3.43	3.69	3.29	2.62	2.71	2.54
Down	GM20161	-3.03	3.37E-03	NA	NA	2.00	3.33	2.84	3.65	2.00	2.62	2.00	2.00
Down	GM5624	-4.91	3.48E-03	NA	NA	3.56	3.26	2.42	3.50	2.13	2.00	2.00	2.12
Down	FZD10OS	-1.63	3.49E-03	NA	NA	4.48	4.34	4.27	3.89	2.44	2.71	3.66	2.71
Up	GM18649	1.04	3.72E-03	NA	NA	4.39	3.83	3.93	3.90	5.25	4.83	4.04	5.13
Down	GM32432	-1.62	3.87E-03	NA	NA	3.10	3.97	3.23	3.86	2.00	3.22	2.78	2.78
Down	GM20026	-4.28	4.05E-03	NA	NA	2.16	3.33	2.42	2.27	2.00	2.00	2.00	2.12
Down	GM49940	-4.18	4.05E-03	NA	NA	2.94	2.00	2.00	2.38	2.00	2.00	2.00	2.00
Down	GM9514	-2.87	4.13E-03	NA	NA	2.30	3.39	2.74	2.86	2.13	2.12	2.13	2.24
Down	AC163685	-2.92	4.77E-03	NA	NA	3.25	2.76	2.74	2.77	2.00	2.00	2.45	2.12
Down	GM19076	-2.94	4.82E-03	NA	NA	2.85	2.86	3.01	2.27	2.00	2.00	2.00	2.44
Down	KCNN4	-3.09	4.99E-03	NA	NA	2.65	3.92	2.64	3.69	2.00	2.44	2.00	2.44
Down	GM18939	-2.01	5.04E-03	NA	NA	2.65	3.52	3.60	3.69	2.82	2.34	2.24	2.54
Down	SHOC1	-2.02	5.05E-03	NA	NA	3.86	4.44	3.80	4.28	3.11	2.24	2.35	3.44
Down	4930484I04RIK	-3.01	5.32E-03	NA	NA	2.75	3.76	2.29	2.69	2.00	2.00	2.35	2.00
Down	FAM228A	-1.43	5.34E-03	NA	NA	3.99	5.14	3.93	4.70	2.37	2.85	3.24	4.48
Down	GM49882	-5.44	5.52E-03	NA	NA	3.25	2.30	3.09	2.27	2.00	2.00	2.00	2.00
Down	GM19500	-1.21	6.17E-03	NA	NA	3.72	4.44	4.70	5.31	4.22	2.92	3.67	3.78
Down	GM50256	-4.31	6.44E-03	NA	NA	2.30	2.00	3.01	2.14	2.00	2.00	2.00	2.00
Down	GM9706	-4.41	6.76E-03	NA	NA	2.16	2.55	2.54	2.49	2.00	2.00	2.00	2.00
Down	GM33508	-3.48	6.92E-03	NA	NA	2.65	3.52	3.65	2.59	2.00	2.00	2.00	2.54
Down	TUBA-RS1	-2.73	6.98E-03	NA	NA	2.30	2.66	2.93	2.77	2.00	2.00	2.24	2.24
Down	PLAUR	-2.13	7.20E-03	NA	NA	3.10	3.83	3.36	3.08	2.25	2.62	2.00	2.78
Down	GM9926	-3.22	7.40E-03	NA	NA	3.61	3.19	4.13	3.55	2.66	2.44	2.00	2.00
Down	GM50128	-2.99	7.45E-03	NA	NA	4.11	3.63	3.30	4.05	2.00	2.44	2.00	2.92
Down	GM36486	-2.33	7.56E-03	NA	NA	3.10	3.19	3.01	3.15	2.57	2.00	2.24	2.34
Down	NSA2-PS1	-1.20	7.57E-03	NA	NA	3.18	3.33	3.36	3.33	2.47	2.53	3.00	2.78
Down	VMN2R53	-2.01	7.60E-03	NA	NA	5.31	4.93	5.09	5.12	3.65	3.73	4.14	4.24
Down	GM49975	-3.14	8.39E-03	NA	NA	3.11	3.11	2.57	2.69	2.00	2.00	2.00	2.00
Down	RPSA-PS7	-2.41	8.45E-03	NA	NA	2.65	2.86	2.15	2.94	2.13	2.00	2.35	2.12
Down	GM50278	-2.78	8.51E-03	NA	NA	2.94	2.30	2.15	2.69	2.00	2.00	2.35	2.00
Down	GM49971	-1.55	8.84E-03	NA	NA	3.56	4.44	3.93	3.78	2.00	3.77	2.45	3.12
Down	GM2106	-2.11	8.93E-03	NA	NA	3.18	2.95	3.23	3.33	2.00	2.78	2.00	2.54
Down	GM50393	-3.42	9.02E-03	NA	NA	3.25	2.76	3.16	3.33	2.00	2.24	2.13	2.24
Down	SLC22A13B	-2.45	9.07E-03	NA	NA	2.30	3.11	3.54	3.39	2.00	2.12	2.00	2.85
Down	AC107736	-5.58	9.22E-03	NA	NA	3.38	3.33	3.54	3.38	2.00	2.12	2.00	2.00
Down	GM49972	-2.34	9.53E-03	NA	NA	3.02	2.43	3.09	2.77	2.00	2.12	2.00	2.62
Down	ENSMUSG0000023341	-1.54	5.01E-03	Mx2	polymorphic_pseudogene	4.03	3.97	3.93	4.55	3.47	3.47	2.71	3.57
Up	ENSMUSG00000045104	1.96	9.42E-33	Gm5514	processed_pseudogene	5.88	5.77	5.40	5.75	7.62	7.68	7.67	7.33
Down	ENSMUSG00000055497	-3.00	2.05E-26	Gm9974	processed_pseudogene	5.48	5.87	5.48	5.87	3.60	2.98	2.86	3.66
Down	ENSMUSG00000057036	-1.50	3.32E-20	Gm7536	processed_pseudogene	6.39	6.35	6.19	6.06	4.44	5.24	4.77	4.97
Down	ENSMUSG0000003992	-1.87	9.40E-15	Gm11478	processed_pseudogene	5.10	4.77	4.73	4.65	3.60	3.73	2.85	3.24
Down	ENSMUSG00000096449	-6.57	3.60E-12	Gm4076	processed_pseudogene	4.82	4.74	4.85	5.19	2.00	2.13	2.00	2.24
Down	ENSMUSG00000081344	-2.11	7.91E-12	Gm14303	processed_pseudogene	4.80	4.44	4.57	4.80	2.74	3.17	3.07	3.53
Down	ENSMUSG00000114172	-1.72	1.71E-10	Gm36298	processed_pseudogene	4.82	5.47	5.61	5.25	4.16	4.01	3.50	3.85

Down	ENSMUSG0000080237	-2.22	2.36E-10	Gm14239	processed_pseudogene	4.45	4.34	4.01	4.12	3.04	2.98	2.63	2.70
Down	ENSMUSG00000110816	-3.46	1.30E-09	Gm19178	processed_pseudogene	3.72	3.88	3.54	4.05	2.00	2.12	2.00	2.85
Down	ENSMUSG00000046721	-1.42	2.93E-09	Rpl14-ps1	processed_pseudogene	4.70	4.47	5.04	4.74	3.40	3.47	3.94	3.74
Down	ENSMUSG00000082536	-1.40	5.08E-09	Gm13456	processed_pseudogene	4.72	4.41	4.34	4.94	3.60	3.73	3.24	3.66
Down	ENSMUSG00000067870	-2.18	6.05E-09	Rpl31-ps8	processed_pseudogene	3.99	3.92	3.89	3.74	3.07	3.05	2.45	2.70
Up	ENSMUSG00000083327	1.20	6.46E-09	Vcp-rs	processed_pseudogene	4.72	4.34	4.63	4.92	5.71	5.62	6.11	5.43
Down	ENSMUSG00000082062	-2.33	1.12E-08	Rpl2-ps	processed_pseudogene	4.36	3.68	4.26	4.37	2.97	2.97	2.35	3.06
Down	ENSMUSG00000091997	-4.31	1.54E-08	Gm6511	processed_pseudogene	3.25	3.68	4.09	3.69	2.13	2.00	2.00	2.44
Down	ENSMUSG00000099764	-2.59	3.85E-08	Rps10-ps2	processed_pseudogene	3.31	3.63	3.60	3.86	2.57	2.53	2.00	2.54
Down	ENSMUSG00000081051	-1.79	4.49E-08	Gm15427	processed_pseudogene	4.65	5.04	5.20	4.87	3.81	3.84	3.13	3.34
Down	ENSMUSG00000081026	-2.53	4.58E-08	Gm11855	processed_pseudogene	5.19	5.23	4.70	4.53	2.25	3.61	3.07	3.17
Down	ENSMUSG00000090516	-4.07	6.17E-08	Rps11-ps1	processed_pseudogene	3.18	3.33	4.13	3.33	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082319	-2.11	1.32E-07	Gm8822	processed_pseudogene	3.56	4.01	4.27	3.86	2.57	2.85	2.71	2.78
Down	ENSMUSG00000047676	-1.53	1.37E-07	Rpsa-ps10	processed_pseudogene	4.32	4.37	4.24	3.78	2.00	2.85	2.86	3.70
Down	ENSMUSG00000081406	-1.09	1.64E-07	Rps6-ps4	processed_pseudogene	5.53	5.10	5.32	5.33	4.56	4.32	3.97	4.61
Down	ENSMUSG00000101054	-5.09	1.85E-07	Gm18406	processed_pseudogene	3.18	3.97	3.97	3.74	2.00	2.00	2.00	2.00
Down	ENSMUSG00000074800	-2.37	2.97E-07	Gm4149	processed_pseudogene	4.32	4.20	4.17	4.02	2.37	2.78	2.45	3.23
Down	ENSMUSG00000115745	-6.13	4.38E-07	Gm46448	processed_pseudogene	2.54	3.46	3.65	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000080989	-1.70	4.53E-07	Gm14048	processed_pseudogene	5.80	6.24	6.64	6.43	4.92	4.90	4.71	4.48
Down	ENSMUSG00000104103	-1.99	6.75E-07	Gm9517	processed_pseudogene	3.77	4.01	3.65	3.86	2.74	2.62	2.79	2.70
Down	ENSMUSG00000068396	2.44	7.19E-07	Rpl34-ps1	processed_pseudogene	3.02	3.63	3.65	3.15	2.13	2.62	2.13	2.54
Up	ENSMUSG00000107062	1.09	7.34E-07	Gm43580	processed_pseudogene	5.23	5.43	5.29	5.64	6.31	6.58	6.66	6.06
Down	ENSMUSG00000081788	-1.96	7.77E-07	Gm5898	processed_pseudogene	3.67	4.27	3.60	3.74	2.97	2.53	2.63	2.78
Down	ENSMUSG00000087233	-3.13	8.16E-07	Gm43213	processed_pseudogene	2.94	3.11	3.60	3.69	2.00	2.00	2.45	2.44
Down	ENSMUSG00000083536	-5.78	1.22E-06	Gm15808	processed_pseudogene	2.75	3.39	2.75	3.16	2.00	2.00	2.27	2.00
Down	ENSMUSG00000105408	-5.95	1.83E-06	Gm7285	processed_pseudogene	2.75	2.55	3.43	3.21	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082561	-5.72	2.07E-06	Gm15580	processed_pseudogene	2.65	3.26	2.84	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104181	-4.66	2.11E-06	Gm8850	processed_pseudogene	3.44	3.26	3.89	3.08	2.00	2.12	2.13	2.12
Down	ENSMUSG00000083500	-2.79	2.92E-06	Gm15470	processed_pseudogene	3.61	4.34	4.27	4.28	2.00	3.11	2.35	2.62
Down	ENSMUSG00000084408	-3.25	3.09E-06	Gm11870	processed_pseudogene	3.72	3.33	3.01	3.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000059461	-1.50	3.68E-06	Gm7331	processed_pseudogene	3.67	4.01	3.97	3.69	2.82	2.85	2.79	3.06
Down	ENSMUSG00000087632	-6.07	4.08E-06	Gm6058	processed_pseudogene	3.10	2.43	3.49	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098143	-5.42	4.41E-06	Gm2937	processed_pseudogene	2.85	2.86	2.54	2.95	2.00	2.00	2.00	2.00
Down	ENSMUSG00000080966	-2.44	5.30E-06	Gm6206	processed_pseudogene	2.94	2.86	3.43	3.15	2.00	2.12	2.00	2.00
Down	ENSMUSG00000066543	-4.62	5.34E-06	Rpl17-ps9	processed_pseudogene	3.77	3.03	3.36	3.45	2.13	2.00	2.00	2.24
Down	ENSMUSG00000047643	-4.44	5.39E-06	Gm5454	processed_pseudogene	3.25	3.03	3.43	3.50	2.13	2.00	2.13	2.12
Down	ENSMUSG00000075469	-3.05	5.69E-06	Gm17205	processed_pseudogene	2.94	2.95	3.43	3.45	2.00	2.00	2.24	2.54
Down	ENSMUSG00000046952	-2.78	6.65E-06	Gm5815	processed_pseudogene	3.99	3.57	4.17	3.90	2.13	3.11	2.24	2.24
Down	ENSMUSG00000083853	-5.38	7.07E-06	Gm15696	processed_pseudogene	2.85	2.86	3.01	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000101135	-5.54	7.11E-06	Gm17981	processed_pseudogene	3.38	2.43	2.84	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000083728	-3.68	7.70E-06	Gm13854	processed_pseudogene	3.67	3.19	3.54	2.59	2.00	2.34	2.00	2.24
Down	ENSMUSG00000090671	-1.31	7.98E-06	Gm5067	processed_pseudogene	5.00	5.52	5.31	5.40	3.87	3.73	4.65	4.36
Down	ENSMUSG00000113869	-3.06	9.60E-06	Gm48869	processed_pseudogene	3.61	3.26	3.23	3.60	2.00	2.12	2.00	2.78
Down	ENSMUSG00000090001	-5.45	1.07E-05	Gm9719	processed_pseudogene	2.16	2.55	2.93	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113357	-5.21	1.13E-05	Gm19195	processed_pseudogene	2.65	2.95	3.54	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000084139	-5.30	1.20E-05	Gm12322	processed_pseudogene	2.43	2.76	2.84	2.86	2.00	2.00	2.12	2.12
Down	ENSMUSG00000111909	-5.11	1.47E-05	Gm18670	processed_pseudogene	2.65	3.03	2.64	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG00000062353	-1.25	1.52E-05	Gm15772	processed_pseudogene	4.67	3.83	3.97	4.02	3.23	3.47	3.35	3.12
Down	ENSMUSG00000089987	-5.46	1.60E-05	Gpx2-ps1	processed_pseudogene	2.16	2.95	2.93	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082465	-5.35	1.70E-05	Rps6-ps3	processed_pseudogene	2.85	2.16	3.01	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081957	-5.35	1.79E-05	Akl32-ps	processed_pseudogene	2.75	2.55	2.54	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000100901	-5.48	1.96E-05	Gm18829	processed_pseudogene	2.65	2.30	3.93	3.21	2.13	2.00	2.00	2.00
Down	ENSMUSG00000089828	-5.13	2.14E-05	Gm16300	processed_pseudogene	3.18	3.11	2.84	2.00	2.00	2.00	2.12	2.00
Down	ENSMUSG00000113491	-2.04	2.39E-05	Gm19221	processed_pseudogene	3.81	4.27	3.84	4.02	2.47	3.22	2.63	2.70
Down	ENSMUSG00000098039	-3.70	2.43E-05	Gm26925	processed_pseudogene	2.54	3.68	2.64	3.33	2.00	2.00	2.00	2.44
Down	ENSMUSG00000082658	-2.15	2.43E-05	Fau-ps2	processed_pseudogene	7.12	7.27	7.33	7.20	4.13	5.56	4.87	5.75
Down	ENSMUSG00000110940	-5.69	2.62E-05	Gm47496	processed_pseudogene	3.10	3.39	2.29	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113456	-5.14	2.66E-05	Gm30738	processed_pseudogene	3.38	2.66	3.16	2.59	2.00	2.00	2.13	2.00
Down	ENSMUSG00000084024	-4.18	2.91E-05	Gm15937	processed_pseudogene	2.94	3.26	3.01	3.39	2.00	2.12	2.24	2.00
Down	ENSMUSG00000093621	-1.21	2.97E-05	Gm14586	processed_pseudogene	4.15	4.09	3.90	4.19	3.60	3.38	3.13	2.78
Down	ENSMUSG00000102254	-3.50	2.98E-05	Gm7496	processed_pseudogene	2.65	3.19	3.23	3.55	2.00	2.34	2.00	2.24
Down	ENSMUSG00000115632	-2.41	2.99E-05	Gm17922	processed_pseudogene	3.10	4.09	4.01	3.45	2.00	2.70	2.45	2.78
Down	ENSMUSG00000113392	-5.29	3.22E-05	Gm36262	processed_pseudogene	2.85	2.43	2.64	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000112583	-6.52	3.26E-05	Gm4930	processed_pseudogene	3.18	3.26	3.54	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG00000080180	-5.17	3.28E-05	Gm17235	processed_pseudogene	2.65	2.16	3.09	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000066315	-2.72	3.36E-05	Gm12918	processed_pseudogene	2.85	3.03	3.30	3.33	2.74	2.12	2.00	2.00
Down	ENSMUSG00000111425	-5.09	3.47E-05	Gm47324	processed_pseudogene	2.00	3.57	2.84	3.01	2.00	2.00	2.12	2.00
Down	ENSMUSG00000105388	-1.56	3.56E-05	Rpl36a-ps2	processed_pseudogene	3.72	4.24	3.54	4.05	2.34	2.34	2.54	3.44
Down	ENSMUSG00000083777	-5.44	3.75E-05	Gm13361	processed_pseudogene	3.10	2.66	3.16	3.50	2.00	2.00	2.13	2.00
Down	ENSMUSG00000081424	-5.57	4.10E-05	Gm14774	processed_pseudogene	2.54	2.30	2.42	3.65	2.00	2.00	2.13	2.00
Down	ENSMUSG00000089993	-3.15	4.74E-05	Gm5822	processed_pseudogene	3.61	2.95	3.65	3.21	2.00	2.78	2.00	2.00
Down	ENSMUSG00000082148	-3.23	4.90E-05	Gm12266	processed_pseudogene	2.75	3.33	2.54	3.39	2.00	2.24	2.12	2.12
Down	ENSMUSG00000106314	-2.30	5.23E-05	Pfkfb2	processed_pseudogene	3.38	4.05	4.52	4.52	2.37	2.34	2.63	3.17
Down	ENSMUSG00000080957	2.53	5.57E-05	Gm15739	processed_pseudogene	2.94	3.26	3.09	3.21	2.00	2.00	2.24	2.00
Down	ENSMUSG00000081270	-2.58	5.65E-05	Gm11653	processed_pseudogene	2.75	3.52	3.30	2.94	2.00	2.53	2.00	2.44
Down	ENSMUSG00000084137	-5.12	5.69E-05	Gm9085	processed_pseudogene	2.75	2.76	3.16	3.15	2.00	2.00	2.00	2.12
Down	ENSMUSG00000093716	-3.71	5.84E-05	Gm19815	processed_pseudogene	3.10	2.55	3.01	3.65	2.37	2.00	2.00	2.12
Down	ENSMUSG00000091786	-5.55	6.70E-05	Gm8425	processed_pseudogene	3.31	2.86	2.74	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000080950	-4.67	6.91E-05	Gm7278	processed_pseudogene	2.94	3.26	3.30	2.94	2.00	2.00	2.24	2.00
Down	ENSMUSG00000060438	-3.37	6.97E-05	Rps10-ps1	processed_pseudogene	2.85	3.11	3.16	2.69	2.13	2.24	2.00	2.12
Down	ENSMUSG00000083353	-5.47	7.59E-05	Gm12540	processed_pseudogene	2.85	3.11	2.00	3.01	2.00	2.00	2.00	2.00
Up	ENSMUSG00000094597	1.93	7.63E-05	Gm4810	processed_pseudogene	3.50	3.88	3.93	3.39	4.82	5.33	5.47	5.29
Down	ENSMUSG00000114184	-4.89	7.86E-05	Gm7143	processed_pseudogene	2.85	2.66	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081339	-3.80	8.11E-05	Gm16044	processed_pseudogene	2.43	3.83	2.74	3.33	2.13	2.00	2.00	2.34
Down	ENSMUSG00000108078	-4.95	8.23E-05	Gm8744	processed_pseudogene	3.77	4.01	3.60	4.34	2.37	2.00	2.00	2.12
Down	ENSMUSG00000101301	-5.30	8.27E-05	Gm29214	processed_pseudogene	2.							

Down	ENSMUSG0000011512	-5.04	1.11E-04	Gm17853	processed_pseudogene	2.65	2.55	2.74	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000116824	-5.12	1.12E-04	Gm18021	processed_pseudogene	2.16	3.57	2.64	3.15	2.00	2.00	2.00	2.12
Down	ENSMUSG00000080780	-2.99	1.13E-04	Gm11252	processed_pseudogene	2.85	3.46	2.64	3.86	2.00	2.00	2.13	2.70
Down	ENSMUSG00000108971	-6.26	1.14E-04	Gm18210	processed_pseudogene	3.61	3.33	2.64	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081492	-3.22	1.16E-04	Gm9311	processed_pseudogene	3.50	3.33	2.74	2.38	2.25	2.00	2.00	2.34
Up	ENSMUSG00000083679	1.32	1.17E-04	Gm12892	processed_pseudogene	3.25	2.95	2.84	3.08	4.10	3.77	3.75	3.81
Down	ENSMUSG00000114903	-1.85	1.20E-04	Gm916	processed_pseudogene	3.21	3.83	3.49	3.08	2.00	2.00	2.44	2.44
Down	ENSMUSG00000112550	-1.87	1.23E-04	Gm6827	processed_pseudogene	3.25	3.19	3.25	3.54	2.00	2.70	3.00	2.70
Down	ENSMUSG00000082503	-2.98	1.31E-04	Gm12229	processed_pseudogene	3.10	2.95	2.93	3.21	2.00	2.44	2.00	2.24
Down	ENSMUSG00000100770	-5.04	1.33E-04	Gm28466	processed_pseudogene	2.65	2.95	2.00	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082554	-4.82	1.35E-04	Gm15806	processed_pseudogene	2.16	3.39	2.93	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG00000083827	-5.01	1.39E-04	Gm15712	processed_pseudogene	2.94	3.39	3.70	3.08	2.00	2.00	2.00	2.24
Down	ENSMUSG00000080759	-4.65	1.41E-04	Gm15573	processed_pseudogene	3.10	2.55	2.93	3.38	2.00	2.12	2.00	2.00
Down	ENSMUSG0000011515	-4.83	1.43E-04	Gm5055	processed_pseudogene	3.10	2.76	3.70	3.08	2.00	2.12	2.00	2.12
Down	ENSMUSG00000103098	-2.84	1.45E-04	Gm37559	processed_pseudogene	3.18	3.57	2.64	3.27	2.13	2.00	2.00	2.70
Down	ENSMUSG00000081865	-2.71	1.49E-04	Gm15484	processed_pseudogene	2.75	3.46	3.16	4.19	2.90	2.12	2.00	2.24
Down	ENSMUSG00000098101	-3.29	1.51E-04	Gm27006	processed_pseudogene	3.81	3.03	2.64	3.15	2.00	2.00	2.00	2.62
Down	ENSMUSG00000083104	-4.96	1.70E-04	Gm12917	processed_pseudogene	2.65	2.43	2.64	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000083377	-4.87	1.70E-04	Gm12653	processed_pseudogene	2.30	2.43	2.54	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115602	-4.48	1.70E-04	Gm7308	processed_pseudogene	3.61	2.76	2.64	2.86	2.00	2.00	2.00	2.24
Down	ENSMUSG00000106833	-4.88	1.84E-04	Gm42739	processed_pseudogene	2.16	2.00	3.16	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000114653	-2.50	1.92E-04	Gm18398	processed_pseudogene	2.85	3.03	3.23	3.27	2.00	2.00	2.00	2.85
Down	ENSMUSG00000081307	-5.78	2.01E-04	Gm13627	processed_pseudogene	3.72	3.26	2.84	3.29	2.00	2.00	2.00	2.12
Down	ENSMUSG00000104651	-2.00	2.06E-04	Gm21168	processed_pseudogene	3.56	3.97	3.75	4.02	2.90	2.44	2.63	2.85
Down	ENSMUSG00000084416	-1.83	2.06E-04	Rpl10a-ps1	processed_pseudogene	3.31	3.11	3.01	3.33	2.66	2.62	2.24	2.24
Down	ENSMUSG00000081608	-2.95	2.08E-04	Gm16210	processed_pseudogene	2.75	3.57	3.43	2.69	2.00	2.70	2.00	2.00
Down	ENSMUSG00000059571	-4.88	2.11E-04	Gm16218	processed_pseudogene	2.75	2.43	2.42	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000083953	-4.44	2.15E-04	Gm14049	processed_pseudogene	2.54	2.76	3.36	3.15	2.00	2.00	2.00	2.24
Down	ENSMUSG00000084291	-3.62	2.20E-04	Gm6654	processed_pseudogene	3.31	2.55	3.23	3.25	2.00	2.00	2.00	2.24
Down	ENSMUSG00000082786	-5.03	2.26E-04	Gm9013	processed_pseudogene	2.16	2.76	2.74	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081929	-4.89	2.33E-04	Rps11-ps2	processed_pseudogene	2.30	3.03	2.29	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115959	-4.95	2.34E-04	Gm18494	processed_pseudogene	3.02	2.55	3.09	2.86	2.00	2.12	2.00	2.00
Down	ENSMUSG00000091771	-3.65	2.34E-04	Gm15381	processed_pseudogene	2.75	2.95	3.16	2.59	2.00	2.00	2.00	2.24
Down	ENSMUSG00000101501	-2.52	2.42E-04	Rps27-ps1	processed_pseudogene	4.42	3.63	4.42	3.94	2.00	2.00	2.62	2.62
Down	ENSMUSG00000113898	-2.84	2.47E-04	Gm19144	processed_pseudogene	2.54	3.26	3.65	2.69	2.25	2.24	2.00	2.34
Down	ENSMUSG00000082711	-4.91	2.56E-04	Gm12987	processed_pseudogene	2.54	3.03	2.29	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000083795	-4.61	2.57E-04	Gm15670	processed_pseudogene	2.54	2.43	2.15	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000110124	-1.61	2.68E-04	Gm4247	processed_pseudogene	3.95	4.17	3.75	3.69	3.11	2.62	2.93	2.99
Down	ENSMUSG00000067344	-1.77	2.71E-04	Rps25-ps1	processed_pseudogene	2.94	3.19	3.30	3.39	2.57	2.12	2.45	2.70
Down	ENSMUSG00000063314	-4.78	2.74E-04	Gm12657	processed_pseudogene	2.85	3.46	2.42	2.13	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113677	-5.84	2.76E-04	Gm48487	processed_pseudogene	2.75	3.33	3.70	3.55	2.00	2.00	2.00	2.12
Up	ENSMUSG00000080935	1.30	2.84E-04	Got2-ps1	processed_pseudogene	3.31	4.01	3.27	4.28	4.27	4.27	4.47	4.47
Down	ENSMUSG00000110532	-4.41	2.99E-04	Gm35857	processed_pseudogene	2.30	2.30	2.15	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082741	-4.62	3.21E-04	Gm9703	processed_pseudogene	2.30	2.30	2.84	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000062284	-2.29	3.23E-04	Gm6030	processed_pseudogene	3.44	2.66	3.54	3.08	2.70	2.00	2.54	2.54
Down	ENSMUSG00000082901	-4.42	3.30E-04	Gm14323	processed_pseudogene	3.77	3.39	2.74	3.15	2.25	2.00	2.00	2.12
Down	ENSMUSG00000107833	-4.44	3.30E-04	Gm18791	processed_pseudogene	2.30	2.66	2.42	3.15	2.00	2.00	2.12	2.12
Down	ENSMUSG00000105395	-2.09	3.34E-04	Gm42672	processed_pseudogene	3.10	3.19	3.30	4.02	2.00	2.00	3.24	3.24
Down	ENSMUSG00000082046	-3.01	3.49E-04	Gm14464	processed_pseudogene	3.67	3.39	3.70	3.90	2.13	2.53	2.35	2.34
Down	ENSMUSG00000050503	-2.69	3.49E-04	Gm8430	processed_pseudogene	3.77	3.92	3.65	3.01	2.57	2.12	2.24	2.62
Down	ENSMUSG00000083435	-5.12	3.69E-04	Gm15824	processed_pseudogene	2.85	2.30	3.01	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082879	-3.50	3.75E-04	Gm13525	processed_pseudogene	2.00	3.19	3.16	2.69	2.00	2.00	2.00	2.34
Down	ENSMUSG00000082829	-3.38	3.78E-04	Gm15780	processed_pseudogene	2.94	3.46	2.64	2.69	2.00	2.00	2.00	2.44
Down	ENSMUSG00000113948	-2.81	3.82E-04	Rpl17-ps3	processed_pseudogene	2.65	2.86	2.93	2.94	2.00	2.44	2.00	2.12
Down	ENSMUSG00000109447	-5.84	3.91E-04	Gm3198	processed_pseudogene	2.54	3.19	2.93	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085371	-3.56	3.96E-04	Gm3160	processed_pseudogene	2.65	2.00	3.97	2.86	2.13	2.00	2.00	2.34
Down	ENSMUSG00000091507	-4.63	4.01E-04	Gm17194	processed_pseudogene	2.54	2.66	2.29	2.00	2.49	2.00	2.00	2.00
Down	ENSMUSG00000090067	-5.05	4.02E-04	Gm2976	processed_pseudogene	2.75	2.66	2.64	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089764	-2.32	4.15E-04	Gm16580	processed_pseudogene	3.10	3.19	2.64	3.08	2.00	2.34	2.35	2.34
Down	ENSMUSG00000068475	-3.11	4.21E-04	Gm10268	processed_pseudogene	2.43	3.03	3.01	3.33	2.25	2.00	2.13	2.24
Down	ENSMUSG00000109492	-4.97	4.26E-04	Gm33882	processed_pseudogene	2.16	3.03	2.42	2.69	2.00	2.00	2.00	2.00
Up	ENSMUSG00000071035	1.43	4.30E-04	Gm5499	processed_pseudogene	3.25	3.63	3.80	3.50	4.68	3.98	5.31	4.23
Down	ENSMUSG00000099310	-4.53	4.37E-04	Gm19427	processed_pseudogene	2.00	3.03	2.29	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000063556	-2.24	4.41E-04	Gm10132	processed_pseudogene	3.61	3.03	2.84	3.65	2.66	2.70	2.13	2.00
Down	ENSMUSG00000082154	-3.53	4.44E-04	Gm16464	processed_pseudogene	3.02	2.55	3.43	3.60	2.00	2.34	2.00	2.24
Down	ENSMUSG00000107082	-4.81	4.47E-04	Gm36378	processed_pseudogene	2.85	2.30	2.54	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000080972	-4.52	4.49E-04	Gm16061	processed_pseudogene	2.43	2.43	2.42	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082705	-4.42	4.52E-04	Gm15616	processed_pseudogene	2.65	2.16	2.42	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000084129	-4.78	4.77E-04	Hmgb1-ps1	processed_pseudogene	2.65	2.76	2.54	3.21	2.00	2.12	2.00	2.00
Down	ENSMUSG00000098062	-4.31	4.80E-04	Gm26931	processed_pseudogene	2.54	2.30	2.64	2.94	2.00	2.00	2.00	2.12
Down	ENSMUSG00000109760	-6.08	4.82E-04	Gm6503	processed_pseudogene	3.02	3.33	2.93	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000111272	-4.11	5.39E-04	Gm7787	processed_pseudogene	2.85	3.33	2.74	3.45	2.00	2.34	2.00	2.00
Down	ENSMUSG00000091795	-1.83	5.54E-04	Gm5235	processed_pseudogene	3.44	3.92	3.70	3.57	2.70	2.57	2.92	2.92
Up	ENSMUSG00000107395	4.40	5.65E-04	Gm44331	processed_pseudogene	2.00	2.00	2.00	2.00	2.00	2.00	3.90	2.34
Down	ENSMUSG00000113840	-2.38	5.73E-04	Gm18955	processed_pseudogene	2.75	4.01	3.70	2.77	2.00	2.00	2.24	2.24
Down	ENSMUSG00000082930	-4.19	5.94E-04	Gm13462	processed_pseudogene	3.10	2.66	3.01	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG00000102475	-4.28	5.99E-04	Gm37246	processed_pseudogene	2.85	3.03	3.01	2.77	2.00	2.00	2.00	2.24
Down	ENSMUSG00000109736	-3.04	6.05E-04	Gm8734	processed_pseudogene	2.94	2.76	2.93	3.15	2.00	2.12	2.00	2.44
Down	ENSMUSG00000093490	-4.68	6.07E-04	Gm19932	processed_pseudogene	2.16	2.76	2.93	3.08	2.00	2.00	2.00	2.12
Down	ENSMUSG00000081619	-4.59	6.27E-04	Gm13351	processed_pseudogene	2.16	3.03	3.01	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG00000082051	-2.48	6.69E-04	Gm16072	processed_pseudogene	3.25	2.95	3.75	3.55	2.00	2.70	2.00	2.44
Down	ENSMUSG00000068141	-3.82	6.74E-04	Gm10232	processed_pseudogene	3.67	2.16	2.54	3.08	2.13	2.24	2.00	2.00
Down	ENSMUSG00000084325	-5.16	7.02E-04	Gm15550	processed_pseudogene	2.85	2.43	2.42	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000099008	-2.59	7.48E-04	Gm17976	processed_pseudogene	3.25	3.39	3.16	3.15	2.00	2.62	2.00	2.44
Down	ENSMUSG00000082494	-6.06	7.59E-04	Gm13687	processed_pseudogene	2.65	3.46	3.30	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000083619	-5.06	7.93E-04										

Down	ENSMUSG00000112855	-6.67	8.22E-04	Gm47842	processed_pseudogene	3.10	3.11	4.01	3.33	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115370	-5.21	8.26E-04	Gm15667	processed_pseudogene	2.00	2.00	2.29	3.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081996	-4.32	8.31E-04	Gm7153	processed_pseudogene	2.85	2.95	2.93	3.01	2.00	2.00	2.00	2.24
Down	ENSMUSG00000114551	-4.61	8.47E-04	Gm6035	processed_pseudogene	2.30	2.55	2.74	3.21	2.00	2.00	2.13	2.00
Down	ENSMUSG00000116090	-2.09	8.58E-04	Rpl19-ps6	processed_pseudogene	3.18	3.29	3.65	3.15	2.25	2.62	2.79	2.00
Down	ENSMUSG00000082576	-5.32	8.79E-04	Gm12058	processed_pseudogene	2.54	2.30	2.64	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082931	-4.38	8.84E-04	Gm15526	processed_pseudogene	2.54	2.86	2.54	2.84	2.00	2.00	2.13	2.00
Down	ENSMUSG00000116838	-1.90	9.00E-04	Gm6475	processed_pseudogene	3.31	3.52	3.30	3.31	2.00	2.62	2.92	2.00
Down	ENSMUSG00000084218	-4.92	9.11E-04	Gm8145	processed_pseudogene	2.75	2.66	2.54	3.39	2.00	2.00	2.00	2.12
Down	ENSMUSG00000084131	-3.00	9.54E-04	Rpl3-ps2	processed_pseudogene	2.30	3.03	3.36	2.86	2.13	2.24	2.13	2.12
Down	ENSMUSG00000083339	-4.52	9.55E-04	Gm11693	processed_pseudogene	2.94	2.76	2.42	2.69	2.13	2.00	2.00	2.00
Down	ENSMUSG00000067058	-4.09	9.63E-04	Rps15a-ps5	processed_pseudogene	2.65	2.55	2.64	2.38	2.00	2.00	2.13	2.00
Down	ENSMUSG00000082436	-4.86	9.81E-04	Gm11688	processed_pseudogene	2.16	2.16	2.93	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109610	-4.42	1.01E-03	Gm7432	processed_pseudogene	2.54	2.66	2.00	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000080993	-2.10	1.01E-03	Gm12903	processed_pseudogene	3.31	3.52	3.09	3.27	2.25	2.00	2.54	2.78
Down	ENSMUSG00000081783	-3.03	1.04E-03	Gm15599	processed_pseudogene	2.16	3.03	3.16	2.69	2.00	2.00	2.24	2.24
Down	ENSMUSG00000110669	-1.70	1.06E-03	Gm10060	processed_pseudogene	3.99	3.97	4.01	3.74	2.74	2.70	2.24	3.57
Down	ENSMUSG00000061062	-1.95	1.08E-03	Gm10093	processed_pseudogene	3.10	2.76	3.36	3.33	2.37	2.53	2.45	2.24
Down	ENSMUSG00000081747	-4.30	1.13E-03	Rpl7a-ps9	processed_pseudogene	2.43	2.43	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085481	-4.38	1.13E-03	Gm16304	processed_pseudogene	2.30	2.16	2.64	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000097991	-5.55	1.15E-03	Gm7656	processed_pseudogene	2.16	3.39	3.01	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000052192	-2.66	1.15E-03	Gm5963	processed_pseudogene	2.94	2.55	3.01	2.59	2.13	2.34	2.13	2.00
Down	ENSMUSG00000104841	-2.09	1.15E-03	Gm17743	processed_pseudogene	4.11	3.83	4.01	4.02	2.00	3.28	2.63	2.85
Down	ENSMUSG00000106208	-4.15	1.16E-03	Gm4734	processed_pseudogene	2.54	2.66	3.54	2.38	2.00	2.00	2.00	2.24
Down	ENSMUSG00000081499	-4.69	1.18E-03	Gm12517	processed_pseudogene	2.30	2.66	2.00	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081871	-3.39	1.19E-03	Gm11488	processed_pseudogene	2.54	3.63	2.84	2.59	2.00	2.12	2.13	2.24
Down	ENSMUSG00000109882	-1.46	1.21E-03	Gm18706	processed_pseudogene	3.91	3.92	3.75	3.56	2.47	3.56	2.54	3.06
Down	ENSMUSG00000086458	-2.98	1.22E-03	Gm2639	processed_pseudogene	2.43	3.03	2.64	2.94	2.00	2.00	2.00	2.44
Down	ENSMUSG00000116274	-4.94	1.23E-03	Gm18724	processed_pseudogene	2.43	2.95	3.01	3.08	2.13	2.00	2.00	2.00
Down	ENSMUSG00000081382	-2.33	1.23E-03	Rpl18-ps1	processed_pseudogene	2.65	2.86	2.84	3.01	2.13	2.44	2.13	2.12
Down	ENSMUSG00000082520	-4.41	1.25E-03	Gm13349	processed_pseudogene	2.16	2.43	2.54	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000093731	-3.90	1.25E-03	Gm26875	processed_pseudogene	3.10	2.95	3.09	2.94	2.13	2.00	2.00	2.24
Down	ENSMUSG00000116386	-4.58	1.27E-03	Gm48528	processed_pseudogene	2.16	2.86	3.01	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000068689	-5.21	1.28E-03	Gm18519	processed_pseudogene	3.02	3.39	2.54	3.01	2.00	2.00	2.12	2.00
Down	ENSMUSG00000060777	-4.30	1.33E-03	Gm10087	processed_pseudogene	2.43	2.43	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000111585	-5.35	1.36E-03	Gm47355	processed_pseudogene	3.02	3.11	2.93	3.27	2.00	2.00	2.12	2.00
Down	ENSMUSG00000082605	-4.75	1.36E-03	Gm16148	processed_pseudogene	2.30	2.95	2.64	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000110966	-4.41	1.38E-03	Gm47255	processed_pseudogene	2.54	2.16	2.42	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081992	-2.60	1.39E-03	Gm13408	processed_pseudogene	2.94	3.03	2.29	3.08	2.00	2.00	2.00	2.62
Down	ENSMUSG00000083183	-4.05	1.40E-03	Gm15575	processed_pseudogene	2.65	3.26	2.84	2.00	2.00	2.00	2.00	2.24
Down	ENSMUSG00000079906	-4.63	1.44E-03	Gm15846	processed_pseudogene	2.43	2.43	2.74	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000062611	-1.70	1.47E-03	Rps3a2	processed_pseudogene	3.31	3.26	3.16	3.33	2.25	2.34	2.45	2.34
Down	ENSMUSG00000116041	-4.92	1.48E-03	Gm20369	processed_pseudogene	2.30	2.95	2.84	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000116994	-4.63	1.49E-03	Gm49684	processed_pseudogene	2.54	2.55	2.42	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000083382	-4.50	1.53E-03	Gm6433	processed_pseudogene	2.30	3.43	2.29	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081817	-3.21	1.54E-03	Gm13590	processed_pseudogene	3.10	2.03	2.84	3.15	2.00	2.00	2.00	2.54
Down	ENSMUSG00000090449	-4.47	1.56E-03	Gm17076	processed_pseudogene	3.52	3.52	3.49	3.34	2.00	2.00	2.00	2.34
Down	ENSMUSG00000036305	-2.09	1.58E-03	Rpl39-ps	processed_pseudogene	2.85	3.11	2.74	2.59	2.13	2.24	2.13	2.44
Down	ENSMUSG00000107770	-4.41	1.59E-03	Gm44126	processed_pseudogene	2.43	2.30	2.42	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082938	-3.63	1.59E-03	Gm2810	processed_pseudogene	2.54	3.03	2.54	3.27	2.00	2.24	2.00	2.12
Down	ENSMUSG00000083512	-2.90	1.59E-03	Gm12749	processed_pseudogene	2.85	3.03	3.01	3.15	2.13	2.12	2.24	2.24
Down	ENSMUSG00000114451	-5.50	1.60E-03	Gm47321	processed_pseudogene	2.54	2.76	2.64	3.21	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105893	-2.31	1.61E-03	Wdr46-ps	processed_pseudogene	3.25	2.86	3.97	3.39	2.00	2.00	2.24	3.12
Down	ENSMUSG00000089651	-3.81	1.68E-03	Gm16353	processed_pseudogene	2.94	2.55	3.09	2.14	2.00	2.00	2.00	2.24
Down	ENSMUSG00000070271	-2.21	1.69E-03	Gm13268	processed_pseudogene	3.44	2.86	3.09	3.27	2.00	2.62	2.00	2.34
Down	ENSMUSG00000082367	-3.82	1.71E-03	Gm12363	processed_pseudogene	3.61	3.19	2.29	2.38	2.00	2.00	2.00	2.24
Down	ENSMUSG00000052157	-4.02	1.73E-03	Gm650	processed_pseudogene	2.85	2.30	2.93	3.01	2.00	2.00	2.00	2.34
Down	ENSMUSG00000097086	-2.87	1.75E-03	Gm7672	processed_pseudogene	3.56	3.88	2.93	3.08	2.00	2.78	2.00	2.24
Down	ENSMUSG00000085116	-2.48	1.76E-03	Gm2735	processed_pseudogene	3.18	3.19	3.54	3.08	2.13	2.53	2.00	2.54
Down	ENSMUSG00000112297	-1.94	1.85E-03	Gm17816	processed_pseudogene	3.18	3.11	3.43	3.50	2.37	2.53	2.00	2.85
Down	ENSMUSG00000102984	-4.31	1.87E-03	Gm34727	processed_pseudogene	2.43	2.86	2.29	2.86	2.00	2.00	2.13	2.00
Down	ENSMUSG00000068088	-2.54	1.88E-03	Gm13611	processed_pseudogene	2.65	3.03	2.74	2.49	2.13	2.00	2.13	2.34
Up	ENSMUSG00000090790	1.82	1.89E-03	Gm7638	processed_pseudogene	4.82	3.26	4.27	4.02	6.53	4.56	6.26	4.66
Down	ENSMUSG00000083909	-2.11	1.89E-03	Gm15842	processed_pseudogene	2.85	3.33	3.23	3.27	2.00	3.05	2.00	2.12
Down	ENSMUSG00000083622	-4.42	1.95E-03	Gm15570	processed_pseudogene	2.65	2.43	2.29	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000091952	-1.89	1.99E-03	Gm17709	processed_pseudogene	2.85	3.19	2.84	3.50	2.13	2.44	2.00	2.85
Down	ENSMUSG00000113993	-2.37	2.00E-03	Gm47659	processed_pseudogene	2.65	2.76	3.09	2.94	2.00	2.00	2.00	2.34
Down	ENSMUSG00000082412	-4.45	2.01E-03	Fau-ps1	processed_pseudogene	2.30	2.86	2.74	2.77	2.00	2.00	2.12	2.00
Down	ENSMUSG00000080937	-4.20	2.01E-03	Gm13510	processed_pseudogene	2.43	2.76	2.15	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000111349	-4.52	2.05E-03	Gm48191	processed_pseudogene	2.85	2.16	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085897	-2.59	2.06E-03	Gm11604	processed_pseudogene	2.85	3.52	3.01	2.77	2.00	2.62	2.13	2.12
Down	ENSMUSG00000082247	-4.25	2.07E-03	Gm16074	processed_pseudogene	2.16	3.03	2.42	2.69	2.13	2.00	2.00	2.00
Down	ENSMUSG00000101066	-4.17	2.07E-03	Gm28299	processed_pseudogene	2.30	2.43	2.15	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000091313	-4.22	2.09E-03	Rpl13-ps2	processed_pseudogene	2.86	2.86	2.86	2.38	2.00	2.34	2.00	2.00
Down	ENSMUSG00000059585	-2.00	2.13E-03	Ube2n1	processed_pseudogene	2.00	3.03	2.29	2.59	2.00	2.00	2.12	2.00
Down	ENSMUSG00000112061	-4.86	2.19E-03	Gm8249	processed_pseudogene	2.30	2.66	2.29	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081378	-4.30	2.19E-03	Rps13-ps4	processed_pseudogene	2.00	2.85	2.29	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000049124	-1.41	2.19E-03	Gm8186	processed_pseudogene	3.38	3.92	3.93	4.42	2.47	3.73	2.79	2.92
Down	ENSMUSG00000061848	-1.87	2.23E-03	Gm5805	processed_pseudogene	3.44	2.66	2.25	2.86	2.12	2.35	2.79	2.92
Down	ENSMUSG00000108347	-3.42	2.27E-03	Gm19187	processed_pseudogene	3.10	3.46	2.64	3.27	2.00	2.24	2.00	2.34
Down	ENSMUSG00000113473	-3.33	2.30E-03	Gm7045	processed_pseudogene	3.67	3.52	2.84	4.12	2.00	2.00	2.00	2.85
Down	ENSMUSG00000112138	-4.51	2.31E-03	Gm47526	processed_pseudogene	2.43	2.30	2.54	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106917	-1.70	2.31E-03	Gm7832	processed_pseudogene	3.81	4.37	4.80	4.34	4.01	2.93	2.85	2.85
Down	ENSMUSG00000109465	-4.81	2.32E-03	Gm19032	processed_pseudogene	2.30	2.55	2.93	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000103293	-2.75	2.33E-03	Gm5842	processed_pseudogene	2.94	3.11	2.93	2.13	2.00	2.13	2.00	2.44
Down	ENSMUSG00000082195	-2.74	2.33E-03	Gm13034</									

Down	ENSMUSG00000080980	-4.60	2.40E-03	1700071K01Rik	processed_pseudogene	3.10	2.76	2.54	2.49	2.00	2.00	2.00	2.12
Down	ENSMUSG00000083569	-4.07	2.40E-03	Gm13666	processed_pseudogene	2.16	2.86	2.15	2.86	2.00	2.00	2.00	2.12
Down	ENSMUSG00000105233	-3.98	2.42E-03	Gm20568	processed_pseudogene	2.00	2.30	2.74	2.86	2.00	2.00	2.00	2.12
Down	ENSMUSG00000082823	-2.59	2.43E-03	Gm15828	processed_pseudogene	2.94	2.55	2.42	3.01	2.00	2.00	2.24	2.35
Down	ENSMUSG00000115280	-2.72	2.46E-03	Gm7107	processed_pseudogene	2.85	4.17	2.64	3.08	2.00	2.00	2.62	2.13
Down	ENSMUSG00000112496	-3.20	2.49E-03	Gm48659	processed_pseudogene	2.85	3.11	2.74	2.77	2.00	2.00	2.00	2.44
Down	ENSMUSG00000092510	-3.27	2.50E-03	Gm19343	processed_pseudogene	3.56	2.86	3.56	3.86	2.00	2.00	2.00	2.62
Down	ENSMUSG00000110845	-4.40	2.54E-03	Gm47481	processed_pseudogene	2.43	2.30	2.29	2.29	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105645	-1.01	2.54E-03	Gm6649	processed_pseudogene	4.80	5.21	5.15	5.12	4.06	4.27	3.19	4.90
Down	ENSMUSG00000099397	-1.90	2.57E-03	Gm7809	processed_pseudogene	2.94	2.95	3.23	3.15	2.37	2.34	2.00	2.70
Down	ENSMUSG00000083306	-1.91	2.59E-03	Gm13868	processed_pseudogene	2.94	3.52	2.54	3.15	2.00	2.44	2.35	2.62
Down	ENSMUSG00000108694	-4.45	2.64E-03	Gm7287	processed_pseudogene	2.43	2.95	2.15	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089640	-1.93	2.64E-03	Gm6397	processed_pseudogene	2.75	3.03	3.49	3.01	2.37	2.12	2.86	2.00
Down	ENSMUSG00000083076	-2.51	2.65E-03	Gm11408	processed_pseudogene	3.18	2.76	2.74	3.01	2.00	2.00	2.35	2.44
Down	ENSMUSG00000080875	-2.79	2.67E-03	Gm7332	processed_pseudogene	2.85	2.76	2.64	3.45	2.37	2.00	2.24	2.12
Down	ENSMUSG00000083808	-4.00	2.71E-03	Gm3828	processed_pseudogene	2.00	2.43	3.09	2.38	2.00	2.00	2.13	2.00
Down	ENSMUSG00000082599	-2.85	2.71E-03	Gm13141	processed_pseudogene	4.29	4.41	3.97	4.12	2.47	2.44	2.00	3.17
Down	ENSMUSG00000083841	-4.30	2.73E-03	Gm1947	processed_pseudogene	3.10	2.55	2.54	3.33	2.00	2.00	2.00	2.24
Down	ENSMUSG00000112218	-4.80	2.74E-03	Gm18726	processed_pseudogene	3.56	3.03	2.84	3.21	2.00	2.00	2.00	2.24
Down	ENSMUSG00000083754	-1.90	2.75E-03	Gm10136	processed_pseudogene	2.43	2.43	2.93	2.74	2.12	2.12	2.13	2.24
Down	ENSMUSG00000082274	-1.66	2.76E-03	Gm14026	processed_pseudogene	3.25	3.68	3.16	3.01	2.67	2.47	2.79	2.54
Down	ENSMUSG00000111985	-4.29	2.78E-03	Gm8290	processed_pseudogene	2.94	2.30	2.84	3.39	2.00	2.00	2.00	2.24
Down	ENSMUSG00000081845	-1.02	2.83E-03	Gm12338	processed_pseudogene	3.56	3.73	3.60	4.15	2.82	3.61	3.00	2.99
Down	ENSMUSG00000116580	-2.44	2.90E-03	Gm9525	processed_pseudogene	2.85	3.83	2.84	2.86	2.25	2.70	2.00	2.12
Down	ENSMUSG00000112196	-4.60	2.93E-03	Gm8274	processed_pseudogene	2.75	3.19	2.29	2.00	2.00	2.00	2.00	2.12
Down	ENSMUSG00000079138	-4.02	2.93E-03	Gm8818	processed_pseudogene	2.43	3.03	2.42	2.14	2.00	2.00	2.00	2.12
Down	ENSMUSG00000083305	-3.59	2.93E-03	Gm13315	processed_pseudogene	2.65	2.55	3.16	3.01	2.00	2.12	2.00	2.24
Down	ENSMUSG00000114409	-2.19	2.94E-03	Gm9042	processed_pseudogene	2.75	3.78	3.54	2.86	2.13	2.24	2.71	2.44
Down	ENSMUSG00000083876	-2.75	2.99E-03	Gm11439	processed_pseudogene	2.30	2.95	2.54	3.27	2.00	2.12	2.00	2.44
Down	ENSMUSG00000100436	-2.98	3.02E-03	Gm29657	processed_pseudogene	2.75	3.03	2.64	2.69	2.25	2.00	2.00	2.24
Down	ENSMUSG00000056412	-2.08	3.02E-03	Gm12396	processed_pseudogene	2.30	2.95	3.01	2.94	2.00	2.00	2.45	2.00
Down	ENSMUSG00000111594	-4.20	3.05E-03	Stm11-rs1	processed_pseudogene	2.00	2.30	2.64	3.15	2.00	2.12	2.00	2.00
Down	ENSMUSG00000080469	-3.32	3.07E-03	Gm9770	processed_pseudogene	2.32	2.43	2.74	2.32	2.12	2.12	2.13	2.24
Down	ENSMUSG00000109435	-2.86	3.07E-03	Gm1308	processed_pseudogene	3.38	3.19	3.69	3.00	2.69	2.93	2.00	2.24
Down	ENSMUSG00000112068	-4.78	3.17E-03	Gm9182	processed_pseudogene	2.54	2.30	2.42	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082190	-3.99	3.20E-03	Gm13641	processed_pseudogene	2.30	2.76	2.29	2.69	2.00	2.00	2.12	2.00
Down	ENSMUSG00000084162	-5.44	3.22E-03	Gm11251	processed_pseudogene	3.72	3.68	2.93	3.82	2.00	2.00	2.00	2.24
Down	ENSMUSG00000083233	-4.55	3.26E-03	Gm13406	processed_pseudogene	2.75	2.43	2.54	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000092563	-2.45	3.26E-03	Gm3617	processed_pseudogene	2.43	3.52	2.93	2.49	2.00	2.44	2.13	2.24
Down	ENSMUSG00000082855	-3.26	3.27E-03	Gm14537	processed_pseudogene	2.65	3.11	3.49	2.86	2.00	2.00	2.00	2.54
Down	ENSMUSG00000110683	-4.18	3.29E-03	Gm45874	processed_pseudogene	2.30	2.55	2.29	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113501	-3.81	3.30E-03	Gm18940	processed_pseudogene	3.02	2.43	2.84	2.49	2.00	2.00	2.00	2.24
Down	ENSMUSG00000089657	-3.21	3.30E-03	Gm16585	processed_pseudogene	3.10	2.86	3.70	3.01	2.66	2.00	2.00	2.00
Down	ENSMUSG00000083061	-1.61	3.34E-03	Gm12191	processed_pseudogene	3.67	3.73	3.60	3.40	3.05	2.13	2.00	2.12
Down	ENSMUSG00000081745	-4.01	3.35E-03	Gm15549	processed_pseudogene	2.85	2.16	2.84	2.14	2.00	2.00	2.00	2.12
Down	ENSMUSG00000098026	-3.59	3.38E-03	Gm27014	processed_pseudogene	2.65	3.11	2.93	3.45	2.00	2.00	2.13	2.34
Down	ENSMUSG00000110287	-4.30	3.40E-03	Gm45313	processed_pseudogene	2.30	2.30	2.64	2.30	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081400	-1.76	3.42E-03	Gm13680	processed_pseudogene	2.94	3.63	2.93	3.21	2.13	2.00	2.24	2.24
Down	ENSMUSG00000083579	-2.17	3.44E-03	Gm15538	processed_pseudogene	2.94	3.39	2.74	2.94	2.25	2.24	2.34	2.34
Down	ENSMUSG00000081049	-1.64	3.44E-03	Rps24-ps3	processed_pseudogene	3.38	2.86	2.74	2.94	2.47	2.34	2.54	2.24
Down	ENSMUSG00000096942	-1.72	3.46E-03	Rps19-ps6	processed_pseudogene	3.95	3.46	2.64	3.78	3.29	2.00	2.24	2.78
Down	ENSMUSG00000114359	-4.18	3.62E-03	Gm47816	processed_pseudogene	2.00	2.86	3.01	2.27	2.00	2.00	2.00	2.12
Down	ENSMUSG00000099934	-3.98	3.66E-03	Gm17983	processed_pseudogene	3.61	2.66	2.42	3.21	2.00	2.00	2.00	2.34
Down	ENSMUSG00000058905	-3.70	3.67E-03	Gm10051	processed_pseudogene	2.43	2.66	2.42	2.27	2.00	2.00	2.00	2.12
Down	ENSMUSG00000095427	-4.06	3.70E-03	Rps2-ps6	processed_pseudogene	2.54	2.16	2.42	2.94	2.13	2.00	2.00	2.00
Down	ENSMUSG00000081648	-2.03	3.75E-03	Gm13423	processed_pseudogene	3.50	3.52	3.09	3.33	2.57	2.98	2.00	2.12
Down	ENSMUSG00000081800	-4.47	3.79E-03	Gm14200	processed_pseudogene	3.10	2.16	3.01	2.27	2.00	2.00	2.00	2.12
Down	ENSMUSG00000044141	-4.58	3.82E-03	E130201H02Rik	processed_pseudogene	3.38	3.11	2.93	3.13	2.00	2.12	2.00	2.12
Down	ENSMUSG00000082179	-3.14	3.82E-03	Rm11407	processed_pseudogene	2.85	3.11	3.09	2.94	2.00	2.24	2.00	2.34
Down	ENSMUSG00000112772	-4.73	3.83E-03	Gm48400	processed_pseudogene	3.18	2.00	2.29	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000092549	-2.15	3.92E-03	Gm20491	processed_pseudogene	2.54	2.76	3.30	3.01	2.25	2.34	2.00	2.44
Down	ENSMUSG00000114201	-5.45	3.97E-03	Gm18079	processed_pseudogene	2.30	2.86	3.09	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000090027	-3.05	4.00E-03	Gm15740	processed_pseudogene	3.25	3.11	2.93	3.08	2.13	2.00	2.00	2.54
Down	ENSMUSG00000078128	-4.19	4.01E-03	Gm2178	processed_pseudogene	2.65	2.16	2.54	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105338	-2.86	4.02E-03	Gm43802	processed_pseudogene	3.56	3.03	3.36	2.77	2.00	2.53	2.00	2.34
Down	ENSMUSG00000091460	-2.94	4.03E-03	Gm7808	processed_pseudogene	2.65	2.66	2.64	2.49	2.13	2.24	2.00	2.00
Down	ENSMUSG00000092617	-4.06	4.05E-03	Gm8412	processed_pseudogene	2.00	2.76	2.42	3.21	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081570	-3.53	4.05E-03	Gm12192	processed_pseudogene	2.16	2.30	3.30	2.14	2.00	2.00	2.00	2.34
Down	ENSMUSG00000082001	-3.79	4.07E-03	Gm15607	processed_pseudogene	2.85	2.16	2.84	2.86	2.00	2.00	2.00	2.24
Down	ENSMUSG00000091230	-2.16	4.09E-03	Gm6970	processed_pseudogene	3.50	2.95	3.60	3.65	2.00	2.00	2.63	2.00
Down	ENSMUSG00000092257	-2.72	4.12E-03	Gm2308	processed_pseudogene	2.94	2.86	2.74	2.69	2.13	2.12	2.24	2.12
Down	ENSMUSG00000082035	-3.70	4.14E-03	Rpl17-ps8	processed_pseudogene	2.00	2.66	2.54	2.00	2.00	2.00	2.00	2.12
Down	ENSMUSG00000113782	-5.63	4.19E-03	Gm48009	processed_pseudogene	2.65	2.86	3.16	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG00000118647	-2.53	4.20E-03	Gm30251	processed_pseudogene	2.65	2.66	2.20	2.12	2.00	2.00	2.00	2.00
Down	ENSMUSG00000094932	-1.44	4.30E-03	Gm3788	processed_pseudogene	3.18	3.11	2.74	3.08	2.47	2.62	2.35	2.44
Down	ENSMUSG00000080754	-4.12	4.33E-03	Rpl36-ps7	processed_pseudogene	3.77	3.39	3.49	2.59	2.13	2.24	2.00	2.12
Down	ENSMUSG00000044609	-3.24	4.46E-03	Gm9294	processed_pseudogene	2.65	2.76	2.42	3.86	2.00	2.44	2.13	2.00
Down	ENSMUSG00000113423	-3.79	4.47E-03	Gm3791	processed_pseudogene	2.43	2.16	2.42	2.77	2.13	2.00	2.00	2.00
Down	ENSMUSG00000078126	-1.35	4.47E-03	Rpl23a-ps3	processed_pseudogene	3.81	3.19	3.54	3.33	2.66	2.34	2.35	3.44
Down	ENSMUSG00000084391	-4.18	4.55E-03	Gm13967	processed_pseudogene	2.43	2.30	2.54	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000060128	-3.34	4.62E-03	Gm2710	processed_pseudogene	2.94	2.66	2.74	2.69	2.00	2.12	2.13	2.12
Down	ENSMUSG00000081805	-2.20	4.71E-03	Gm14335	processed_pseudogene	3.50	2.43	3.09	2.59	2.47	2.00	2.00	2.54
Down	ENSMUSG00000082967	-4.40	4.74E-03	Gm16082	processed_pseudogene	2.30	3.57	3.30	2.27	2.00	2.00	2.00	2.24
Down	ENSMUSG00000109991	-2.99	4.78E-03	Gm6284	processed_pseudogene	4.45	3.88	4.17	3.74	2.00	2.74	2.79	2.00
Down	ENSMUSG00000080895	-4.75	4.80E-03	Gm11645	processed_pseudogene	3.25	3.33	2.15	2.00	2.32	2.12	2.00	2.00
Down	ENSMUSG00000082072	-3.12	4.8										

Down	ENSMUSG00000083420	-1.63	5.03E-03	Gm15665	processed_pseudogene	3.18	3.11	3.49	3.82	2.00	2.00	3.30	2.78
Down	ENSMUSG00000086436	-4.05	5.13E-03	Gm13690	processed_pseudogene	2.30	2.30	2.64	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089673	-2.92	5.13E-03	Gm16546	processed_pseudogene	2.16	3.57	3.16	2.86	2.00	2.00	2.00	2.62
Down	ENSMUSG00000098506	-1.82	5.18E-03	Phi20-ps	processed_pseudogene	3.61	3.39	3.70	3.27	2.13	2.62	2.24	3.17
Down	ENSMUSG00000081300	-4.69	5.19E-03	Gm14587	processed_pseudogene	2.16	2.66	3.30	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000112099	-1.90	5.23E-03	Gm8960	processed_pseudogene	2.65	2.76	3.23	2.86	2.57	2.34	2.00	2.24
Down	ENSMUSG00000108963	-2.41	5.33E-03	Gm14716	processed_pseudogene	4.18	4.13	4.44	3.92	2.30	2.33	2.00	2.78
Down	ENSMUSG00000081301	-2.84	5.36E-03	Gm15951	processed_pseudogene	3.77	5.17	5.13	4.34	2.37	2.00	3.90	2.12
Down	ENSMUSG00000115224	-3.87	5.36E-03	Gm49215	processed_pseudogene	2.30	2.16	2.00	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113511	-1.61	5.50E-03	Gm19046	processed_pseudogene	2.65	3.26	3.49	3.60	2.00	3.17	2.00	2.70
Down	ENSMUSG00000092526	-1.99	5.61E-03	Gm17907	processed_pseudogene	2.43	3.68	3.84	3.45	2.57	2.98	2.00	2.34
Down	ENSMUSG00000083837	-4.53	5.65E-03	Gm14427	processed_pseudogene	2.75	2.43	2.15	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081497	-3.85	5.74E-03	Gm15560	processed_pseudogene	2.43	2.55	3.01	2.86	2.00	2.00	2.24	2.00
Down	ENSMUSG00000066809	-3.37	5.76E-03	Gm10180	processed_pseudogene	2.75	2.55	2.54	2.38	2.13	2.12	2.00	2.00
Down	ENSMUSG00000108226	-3.71	5.89E-03	Gm44063	processed_pseudogene	2.00	2.30	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000084213	-2.57	5.91E-03	Hspe1-ps5	processed_pseudogene	2.65	3.03	3.16	2.49	2.00	2.00	2.45	2.24
Down	ENSMUSG00000083287	-4.31	5.96E-03	Gm13502	processed_pseudogene	3.02	2.00	2.15	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000050500	-2.73	6.08E-03	Gm11868	processed_pseudogene	3.10	3.52	2.64	3.21	2.37	2.34	2.00	2.24
Down	ENSMUSG00000108547	-2.86	6.10E-03	Gm45186	processed_pseudogene	2.16	3.26	2.64	2.69	2.37	2.00	2.13	2.00
Down	ENSMUSG00000085791	-4.41	6.11E-03	Rp30-ps9	processed_pseudogene	2.16	2.30	2.74	2.49	2.00	2.00	2.00	2.00
Up	ENSMUSG00000113753	3.95	6.18E-03	Gm5791	processed_pseudogene	2.00	2.00	2.15	2.14	2.53	3.29	2.86	2.78
Down	ENSMUSG00000082110	-3.89	6.21E-03	Gm11196	processed_pseudogene	2.30	2.00	2.64	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000111626	-3.91	6.30E-03	Gm48738	processed_pseudogene	2.00	2.76	2.42	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000058073	-4.92	6.36E-03	Gm11189	processed_pseudogene	2.43	2.66	3.70	2.27	2.00	2.12	2.00	2.00
Up	ENSMUSG00000044751	1.01	6.44E-03	Gm12231	processed_pseudogene	3.18	3.46	3.30	3.33	3.60	3.69	4.63	3.85
Down	ENSMUSG00000100825	-4.42	6.47E-03	ltpa-ps2	processed_pseudogene	2.30	2.16	2.84	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000116535	-3.11	6.49E-03	Gm5962	processed_pseudogene	2.85	2.76	3.21	3.21	2.13	2.00	2.13	2.24
Down	ENSMUSG00000086842	-1.76	6.53E-03	Gm15681	processed_pseudogene	3.50	3.52	3.36	3.50	2.57	3.33	2.00	2.12
Down	ENSMUSG00000090855	-3.37	6.58E-03	Gm17219	processed_pseudogene	2.75	3.03	2.93	2.27	2.00	2.12	2.00	2.12
Down	ENSMUSG00000114110	-2.86	6.58E-03	Gm46379	processed_pseudogene	2.54	2.76	2.54	2.49	2.00	2.00	2.24	2.12
Down	ENSMUSG00000110318	-2.72	6.58E-03	Gm2767	processed_pseudogene	3.18	2.30	2.64	3.33	2.00	2.00	2.00	2.62
Down	ENSMUSG00000085711	-5.08	6.61E-03	Gm15163	processed_pseudogene	2.16	2.76	2.42	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000022265	-4.02	6.65E-03	Gm15547	processed_pseudogene	2.16	2.16	2.42	2.16	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109558	-3.81	6.68E-03	Gm45100	processed_pseudogene	2.65	2.43	2.65	2.38	2.00	2.00	2.12	2.00
Down	ENSMUSG00000082402	-3.81	6.78E-03	Gm15621	processed_pseudogene	2.54	2.43	2.54	2.38	2.00	2.00	2.00	2.12
Down	ENSMUSG00000072940	-1.71	6.85E-03	Gm10443	processed_pseudogene	3.56	3.63	3.70	3.39	3.40	2.12	2.45	2.44
Down	ENSMUSG00000081583	-2.34	6.87E-03	Gm14769	processed_pseudogene	2.65	2.66	3.01	2.69	2.00	2.00	2.62	2.62
Down	ENSMUSG00000082809	-1.87	6.91E-03	Gm14150	processed_pseudogene	3.44	3.26	2.29	3.21	2.13	2.34	2.54	2.54
Down	ENSMUSG00000058838	-2.52	6.92E-03	Rps27a-ps2	processed_pseudogene	2.00	2.86	2.74	2.69	2.13	2.34	2.00	2.00
Down	ENSMUSG00000100215	-1.29	6.93E-03	Gm8292	processed_pseudogene	4.15	3.92	4.27	4.65	4.13	3.11	2.86	2.99
Down	ENSMUSG00000111382	-3.87	6.95E-03	Gm47536	processed_pseudogene	2.30	2.16	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000112808	-4.47	6.98E-03	Gm4739	processed_pseudogene	3.10	2.55	2.54	2.49	2.00	2.12	2.00	2.00
Down	ENSMUSG00000081732	-3.74	7.04E-03	Gm15495	processed_pseudogene	2.54	2.86	2.64	2.69	2.00	2.00	2.24	2.00
Down	ENSMUSG00000111684	-4.21	7.09E-03	Gm8543	processed_pseudogene	2.94	3.63	2.54	2.13	2.00	2.24	2.00	2.00
Down	ENSMUSG00000091449	-1.39	7.21E-03	Gm10269	processed_pseudogene	3.72	3.39	3.60	3.50	2.24	2.45	2.45	2.70
Down	ENSMUSG00000081798	-1.05	7.21E-03	Gm9762	processed_pseudogene	3.72	4.44	4.37	4.63	3.97	3.69	4.00	3.34
Down	ENSMUSG00000101729	-2.94	7.26E-03	Gm17796	processed_pseudogene	2.94	2.55	3.01	3.44	2.00	2.00	2.44	2.00
Down	ENSMUSG00000082666	-4.04	7.31E-03	Gm13677	processed_pseudogene	2.16	2.43	2.42	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000083555	-4.20	7.37E-03	Gm12035	processed_pseudogene	2.00	2.86	2.29	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089886	-2.64	7.43E-03	Gm16184	processed_pseudogene	2.16	2.95	3.16	3.08	2.00	2.00	2.35	2.34
Down	ENSMUSG00000083207	-2.19	7.46E-03	Gm14780	processed_pseudogene	3.02	2.16	3.01	3.60	2.82	2.00	2.00	2.60
Down	ENSMUSG00000091784	-1.54	7.56E-03	Gm17022	processed_pseudogene	3.61	2.95	3.23	3.74	3.04	2.00	2.79	2.62
Down	ENSMUSG00000112680	-3.22	7.61E-03	Gm48760	processed_pseudogene	3.02	2.66	2.42	2.69	2.00	2.00	2.34	2.00
Down	ENSMUSG00000111356	-1.97	7.63E-03	Rpl32l	processed_pseudogene	2.30	2.76	3.43	2.69	2.13	2.53	2.13	2.24
Down	ENSMUSG00000112349	-2.96	7.65E-03	Gm48132	processed_pseudogene	2.00	3.68	3.75	3.08	2.00	2.12	2.54	2.34
Down	ENSMUSG00000082784	-3.85	7.69E-03	Gm15957	processed_pseudogene	2.00	3.33	2.15	2.00	2.00	2.00	2.13	2.00
Down	ENSMUSG00000113497	-1.86	7.91E-03	Gm18030	processed_pseudogene	2.65	3.68	3.23	2.86	3.05	2.00	2.34	2.00
Down	ENSMUSG00000083505	-4.76	7.98E-03	Gm7541	processed_pseudogene	2.65	2.30	2.00	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000081798	-2.88	8.06E-03	Gm8152	processed_pseudogene	2.54	2.76	3.09	2.49	2.00	2.34	2.00	2.12
Down	ENSMUSG00000092132	-3.71	8.26E-03	Gm13541	processed_pseudogene	2.43	2.16	2.15	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109069	-5.53	8.27E-03	Gm2734	processed_pseudogene	3.02	2.43	3.16	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000094017	-3.17	8.30E-03	Gm13160	processed_pseudogene	4.80	4.56	4.52	4.50	2.24	2.24	3.48	3.48
Down	ENSMUSG00000085276	-1.96	8.41E-03	Gm15812	processed_pseudogene	2.54	3.68	3.09	2.86	2.00	3.05	2.00	2.12
Down	ENSMUSG00000113072	-3.70	8.42E-03	Gm47820	processed_pseudogene	2.30	2.55	2.42	2.49	2.00	2.00	2.00	2.12
Down	ENSMUSG00000103964	-2.27	8.44E-03	Gm8407	processed_pseudogene	3.25	3.03	3.54	2.94	2.00	2.00	2.24	2.92
Up	ENSMUSG00000098076	1.56	8.46E-03	Gm6981	processed_pseudogene	3.02	3.03	3.43	2.94	3.55	3.94	4.67	4.20
Down	ENSMUSG00000108036	-3.01	8.48E-03	Gm43967	processed_pseudogene	2.30	2.43	3.01	2.69	2.00	2.24	2.00	2.12
Down	ENSMUSG00000104162	-5.85	8.52E-03	Gm37819	processed_pseudogene	3.10	2.95	2.84	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000090319	-4.18	8.52E-03	Gm4462	processed_pseudogene	2.65	2.66	2.54	2.49	2.00	2.00	2.12	2.00
Down	ENSMUSG00000103658	-3.28	8.53E-03	Gm37201	processed_pseudogene	2.54	2.66	2.54	2.00	2.00	2.24	2.00	2.12
Down	ENSMUSG00000080914	-4.27	8.56E-03	Gm7129	processed_pseudogene	2.54	2.55	3.36	3.01	2.00	2.00	2.24	2.00
Down	ENSMUSG00000116093	-2.04	8.58E-03	Gm3888	processed_pseudogene	3.18	2.95	2.54	3.08	2.13	2.12	2.54	2.34
Down	ENSMUSG00000106006	-4.27	8.69E-03	Gm17351	processed_pseudogene	2.27	2.16	2.29	2.43	2.69	2.00	2.00	2.00
Down	ENSMUSG00000081861	-2.40	8.71E-03	Gm14441	processed_pseudogene	3.10	2.76	2.54	2.69	2.00	2.00	2.00	2.62
Down	ENSMUSG00000024205	-1.65	8.77E-03	Rpl36-ps2	processed_pseudogene	2.43	2.95	2.84	2.86	2.13	2.00	2.35	2.86
Down	ENSMUSG00000081739	-4.81	8.80E-03	Mdm4-ps	processed_pseudogene	2.75	2.86	3.84	4.19	2.00	2.00	2.34	2.00
Down	ENSMUSG00000114500	-1.60	8.88E-03	Gm8983	processed_pseudogene	2.65	3.19	3.23	3.21	2.44	2.44	2.35	2.62
Down	ENSMUSG00000109367	-1.65	8.96E-03	Gm18782	processed_pseudogene	4.18	3.39	3.54	3.82	3.40	2.00	2.63	2.20
Down	ENSMUSG00000113080	-2.69	8.97E-03	Gm48928	processed_pseudogene	3.18	2.86	3.80	3.21	2.13	2.00	2.00	2.85
Down	ENSMUSG00000083458	-2.74	9.04E-03	Gm5510	processed_pseudogene	3.10	2.43	2.64	2.49	2.13	2.12	2.13	2.12
Down	ENSMUSG00000083258	-2.37	9.04E-03	Gm5939	processed_pseudogene	3.31	3.11	4.60	3.45	2.25	2.00	2.93	2.78
Down	ENSMUSG00000089648	-3.29	9.08E-03	Gm15790	processed_pseudogene	2.75	2.76	2.64	2.77	2.00	2.34	2.00	2.00
Down	ENSMUSG00000099492	-1.59	9.12E-03	Gm5525	processed_pseudogene	3.50	3.03	3.49	2.13	2.39	2.85	2.35	2.92
Down	ENSMUSG00000107411	-1.61	9.13E-03	Gm19040	processed_pseudogene	4.57	4.27	4.09	4.25	2.66	3.52	2.00	3.89
Down	ENSMUSG00000083771	-4.65	9.22E-03	Gm15988	processed_pseudogene	3.61	2.30	2.00	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG00000083949	-2.55	9.22E-03	Gm									

Down	ENSMUSG00000083154	-2.49	9.42E-03	Gm11892	processed_pseudogene	2.16	3.26	3.16	3.50	2.00	2.00	2.24	2.70
Down	ENSMUSG00000083995	-3.78	9.60E-03	Gm12808	processed_pseudogene	2.00	2.30	2.74	2.69	2.00	2.00	2.00	2.12
Down	ENSMUSG00000114993	-3.49	9.62E-03	Gm6363	processed_pseudogene	2.16	2.30	2.54	3.15	2.00	2.00	2.13	2.12
Down	ENSMUSG00000114557	-3.22	9.64E-03	Gm8345	processed_pseudogene	3.38	3.88	2.84	2.84	2.25	2.00	2.13	2.44
Down	ENSMUSG00000082351	-5.02	9.65E-03	Gm11260	processed_pseudogene	2.65	2.55	2.42	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108833	-2.45	9.70E-03	Gm17909	processed_pseudogene	3.02	2.30	3.49	2.94	2.00	2.00	2.00	2.78
Down	ENSMUSG00000093939	-5.13	9.76E-03	Gm4663	processed_pseudogene	3.31	3.30	2.30	3.50	2.00	2.00	2.00	2.00
Down	ENSMUSG00000083150	-4.94	9.78E-03	Gm11852	processed_pseudogene	2.94	2.55	2.93	3.08	2.00	2.00	2.12	2.00
Down	ENSMUSG00000083903	-4.53	9.78E-03	Gm5405	processed_pseudogene	2.30	2.43	3.60	3.39	2.00	2.00	2.00	2.24
Down	ENSMUSG00000083745	-1.46	9.82E-03	Gm13543	processed_pseudogene	3.10	3.52	3.30	3.60	2.00	3.22	2.93	2.12
Down	ENSMUSG00000111693	-4.15	9.88E-03	Gm47986	processed_pseudogene	2.30	2.00	2.54	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000082873	-4.81	9.96E-03	Gm15367	processed_pseudogene	2.00	2.00	3.43	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109584	-2.69	9.99E-03	Gm7997	processed_pseudogene	3.18	2.55	3.54	3.01	2.00	2.53	2.00	2.34
Down	ENSMUSG00000109967	-2.86	9.85E-219	Gm45883	processed_transcript	9.88	9.64	9.87	9.65	7.04	6.80	6.92	7.04
Down	ENSMUSG00000097451	-2.07	9.40E-208	Rlan	processed_transcript	11.45	11.59	11.48	11.75	9.55	9.48	9.52	9.49
Down	ENSMUSG00000079499	-3.00	3.63E-128	6530402F18Rik	processed_transcript	8.36	8.10	8.44	8.28	4.99	5.32	5.61	5.67
Down	ENSMUSG00000079671	-2.73	1.78E-85	2610203C22Rik	processed_transcript	8.31	8.39	8.32	8.18	5.71	4.96	6.00	5.83
Down	ENSMUSG00000110080	-2.71	3.99E-61	Gm6145	processed_transcript	6.70	6.95	6.80	6.72	3.89	4.32	4.54	4.53
Down	ENSMUSG00000097247	-4.02	4.24E-60	1500012K07Rik	processed_transcript	6.77	6.69	6.69	6.45	4.00	3.47	2.35	2.99
Down	ENSMUSG00000097428	-3.35	4.85E-53	AW047730	processed_transcript	7.07	7.04	6.96	6.96	7.19	4.60	3.24	4.50
Down	ENSMUSG00000053322	-1.62	4.22E-50	Gas5	processed_transcript	9.16	9.30	9.28	9.49	7.46	7.91	7.82	7.60
Down	ENSMUSG00000097493	-2.77	1.39E-44	9930014A18Rik	processed_transcript	7.11	6.97	7.18	6.90	4.92	3.87	4.40	4.66
Down	ENSMUSG00000090386	-2.21	2.45E-38	Mir99ahg	processed_transcript	6.41	6.71	6.52	6.40	4.06	4.27	5.05	4.48
Down	ENSMUSG00000085944	-2.54	8.94E-37	1700030D09Rik	processed_transcript	7.20	7.09	6.73	7.17	4.39	5.07	3.94	5.13
Down	ENSMUSG00000087059	-2.60	6.25E-36	Gm12339	processed_transcript	6.40	6.23	6.66	6.36	3.89	4.40	3.67	4.25
Down	ENSMUSG00000085566	-1.57	4.14E-30	A730017L22Rik	processed_transcript	7.70	7.97	8.03	7.94	6.48	6.37	6.38	6.34
Up	ENSMUSG00000086496	2.08	6.79E-29	Gm14204	processed_transcript	5.76	5.58	5.50	5.49	7.67	7.80	7.17	7.58
Down	ENSMUSG00000024845	-1.48	6.83E-28	Tmem134	processed_transcript	6.86	6.74	6.91	6.59	5.50	5.36	5.27	5.44
Down	ENSMUSG00000104960	-2.32	1.40E-27	Snhg8	processed_transcript	6.50	6.53	6.57	6.81	4.47	5.11	3.63	4.43
Down	ENSMUSG00000085241	-2.74	2.18E-24	Snhg3	processed_transcript	6.24	6.31	6.12	6.38	3.35	3.77	4.40	3.89
Down	ENSMUSG00000116305	-2.88	2.31E-24	Lncppara	processed_transcript	4.72	5.21	5.29	5.31	2.97	2.24	3.07	3.62
Down	ENSMUSG00000087022	-2.66	1.19E-23	9130024F11Rik	processed_transcript	6.15	5.90	6.46	6.08	4.61	3.11	4.10	3.17
Down	ENSMUSG00000097369	-1.98	7.35E-21	Gm17144	processed_transcript	5.65	5.68	5.67	5.67	3.17	4.36	4.40	4.36
Down	ENSMUSG00000097195	-2.13	2.81E-20	Snhg5	processed_transcript	5.28	5.68	5.53	5.30	4.10	3.33	3.71	3.62
Up	ENSMUSG00000085179	1.33	3.38E-20	Gm13645	processed_transcript	7.22	7.07	7.16	7.23	8.63	8.62	8.25	8.38
Up	ENSMUSG00000099329	1.03	4.36E-20	Gm28052	processed_transcript	7.77	7.91	7.61	7.63	8.98	8.67	8.74	8.58
Down	ENSMUSG00000106943	-3.27	3.51E-19	Dancr	processed_transcript	4.29	4.95	4.46	4.80	2.00	3.05	2.63	2.62
Down	ENSMUSG00000085058	-3.04	1.47E-18	8030453O22Rik	processed_transcript	5.06	5.28	5.11	4.74	2.66	3.43	2.35	2.99
Up	ENSMUSG00000084899	1.05	2.85E-18	Gm15344	processed_transcript	8.51	8.44	8.20	8.19	9.64	9.32	9.18	9.37
Up	ENSMUSG00000087306	1.03	1.24E-17	A230004M16Rik	processed_transcript	7.91	7.57	7.60	7.65	8.70	8.55	8.91	8.64
Down	ENSMUSG00000110148	-3.49	2.67E-17	583040C22Rik	processed_transcript	5.90	5.66	5.80	5.27	2.25	2.70	3.30	3.53
Down	ENSMUSG00000092492	-3.82	2.48E-16	B230208B08Rik	processed_transcript	4.67	4.82	4.80	4.82	2.37	2.42	2.12	2.45
Down	ENSMUSG00000085586	-1.57	1.55E-15	Gm11613	processed_transcript	6.05	5.92	6.55	6.21	5.14	4.24	4.99	4.59
Up	ENSMUSG00000096992	1.27	1.87E-15	Gm26788	processed_transcript	7.23	7.41	6.96	7.02	8.58	8.55	7.69	8.64
Down	ENSMUSG00000097311	-2.64	6.68E-15	Gm26871	processed_transcript	5.41	5.47	5.97	5.94	2.57	3.84	3.00	4.23
Down	ENSMUSG00000097746	-1.86	1.25E-14	Gm6225	processed_transcript	5.61	5.58	5.78	5.89	4.54	3.84	3.67	4.28
Down	ENSMUSG00000097587	-2.61	2.55E-14	4930578M01Rik	processed_transcript	6.03	5.98	6.13	6.29	4.78	4.78	3.00	4.44
Down	ENSMUSG00000108414	-1.82	1.03E-13	Snhg1	processed_transcript	5.95	5.78	5.83	5.73	3.92	3.98	4.43	4.55
Down	ENSMUSG00000088600	-3.05	2.32E-13	C030005K06Rik	processed_transcript	4.45	4.64	4.46	4.46	2.90	2.62	2.54	2.54
Down	ENSMUSG00000073274	-2.08	3.20E-13	Gm14636	processed_transcript	4.72	4.64	4.54	4.63	2.82	3.65	2.93	3.06
Up	ENSMUSG00000086062	1.33	2.14E-12	Gm14164	processed_transcript	6.30	6.50	6.46	6.51	7.55	7.81	7.93	7.61
Down	ENSMUSG00000106636	-4.55	7.96E-12	Gm43813	processed_transcript	3.99	4.05	3.97	4.25	2.00	2.00	2.00	2.62
Down	ENSMUSG00000097589	-1.97	2.15E-11	Dleu2	processed_transcript	6.49	6.84	6.84	6.77	4.54	5.37	3.90	5.38
Up	ENSMUSG00000112343	1.48	5.08E-11	Sfta3-ps	processed_transcript	5.81	5.43	5.77	5.94	7.18	6.76	7.35	7.29
Down	ENSMUSG00000098302	-1.02	9.23E-11	Gm28039	processed_transcript	7.45	6.97	7.33	7.08	6.30	6.19	6.35	6.09
Down	ENSMUSG00000087396	-1.79	2.33E-10	4933407K13Rik	processed_transcript	4.93	5.19	5.61	5.44	3.23	3.80	3.90	4.25
Down	ENSMUSG00000114469	-1.88	3.05E-10	C730002L08Rik	processed_transcript	5.00	4.97	5.05	5.17	2.74	3.87	3.90	3.48
Down	ENSMUSG00000097583	-1.46	5.56E-10	6430590A07Rik	processed_transcript	5.04	4.97	5.87	5.31	4.19	4.13	3.63	4.41
Up	ENSMUSG00000085884	1.01	7.77E-10	Gm15342	processed_transcript	5.19	4.74	5.38	4.94	5.68	6.04	6.28	5.97
Down	ENSMUSG00000085314	-5.43	9.12E-10	Gm14866	processed_transcript	3.99	3.92	4.37	4.78	2.25	2.00	2.24	2.24
Down	ENSMUSG00000090576	-3.32	1.38E-09	Gm17055	processed_transcript	4.36	4.13	3.54	4.12	2.13	2.62	2.24	2.54
Down	ENSMUSG00000097430	-2.66	2.56E-09	Gm10544	processed_transcript	3.38	3.06	4.30	4.31	2.37	2.24	3.40	2.62
Down	ENSMUSG00000093497	-2.23	3.56E-09	Gm20713	processed_transcript	4.77	5.19	5.07	4.94	3.45	2.44	3.63	3.48
Down	ENSMUSG00000085385	-1.26	5.64E-09	Snhg17	processed_transcript	5.39	5.66	6.11	5.60	4.13	4.96	4.40	4.77
Down	ENSMUSG00000108659	-2.42	9.49E-09	Gm34121	processed_transcript	4.18	4.50	4.30	4.58	3.17	3.05	2.24	2.78
Down	ENSMUSG00000113585	-2.38	2.52E-08	Gm19605	processed_transcript	3.50	4.47	4.46	4.39	2.25	2.34	2.63	3.53
Down	ENSMUSG00000056031	-2.22	3.20E-08	9330154J02Rik	processed_transcript	4.51	4.82	4.63	5.09	3.11	3.73	2.54	3.06
Down	ENSMUSG00000085151	-1.40	3.27E-08	1110018N20Rik	processed_transcript	5.68	5.60	5.60	5.40	3.85	3.94	4.33	4.95
Down	ENSMUSG00000088641	-1.06	3.34E-08	2410006H16Rik	processed_transcript	6.70	6.69	6.78	7.07	5.19	6.40	5.67	5.71
Down	ENSMUSG00000087253	-1.77	3.64E-08	Gm12043	processed_transcript	5.06	5.06	4.89	5.31	3.73	3.05	4.10	3.66
Down	ENSMUSG00000092203	-1.47	4.88E-08	1110038B12Rik	processed_transcript	5.34	5.46	5.34	5.40	4.90	4.19	3.50	3.57
Up	ENSMUSG00000110067	3.21	7.11E-08	6330411D24Rik	processed_transcript	2.16	2.66	3.16	2.69	4.36	5.13	4.35	5.11
Down	ENSMUSG00000085929	-1.25	7.45E-08	A330023F24Rik	processed_transcript	7.74	7.79	7.61	7.94	7.18	6.04	5.63	6.51
Down	ENSMUSG00000097063	-2.28	1.03E-07	Fan2	processed_transcript	3.99	4.01	4.19	4.12	3.40	2.62	2.79	2.62
Down	ENSMUSG00000097585	-1.49	1.07E-07	E230029C05Rik	processed_transcript	5.38	5.92	5.34	4.96	3.29	4.58	4.20	4.20
Down	ENSMUSG00000097028	-2.65	1.20E-07	Pigs2os	processed_transcript	4.45	4.37	3.70	4.34	2.57	2.24	3.07	2.70
Down	ENSMUSG00000097178	-3.27	1.69E-07	2310002F09Rik	processed_transcript	5.34	5.49	5.98	5.49	2.00	3.56	2.93	3.44
Down	ENSMUSG00000086629	-2.10	1.71E-07	2810403D21Rik	processed_transcript	4.77	4.53	5.46	4.70	2.57	3.05	3.63	3.78
Down	ENSMUSG00000087347	-2.45	2.04E-07	1700047K16Rik	processed_transcript	3.72	4.77	3.65	4.25	2.57	3.13	2.92	2.92
Down	ENSMUSG00000102009	-2.03	2.10E-07	4933400F21Rik	processed_transcript	4.15	4.69	3.89	3.98	2.00	2.53	3.30	3.39
Down	ENSMUSG00000087400	-1.42	2.15E-07	Gm15270	processed_transcript	5.79	5.47	5.66	5.19	4.64	4.07	3.67	4.46
Down	ENSMUSG00000087355	-2.83	3.15E-07	Gm13187	processed_transcript	3.72	3.63	3.84	3.65	2.13	2.78	2.00	2.54
Down	ENSMUSG00000100280	-3.73	3.30E-07	Gm28417	processed_transcript	4.54	3.83	3.65	4.31	2.00	2.00	2.62	4.31
Down	ENSMUSG00000089827	-2.65	3.82E-07	1700023H06Rik	processed_transcript	3.77	3.97	3.97	4.05	2.00	2.92	2.00	2.92
Down	ENSMUSG00000073067	-1.05	4.05E-07	9130019P16Rik	processed_transcript	7.98	7.72	8.03	7.45	6.74			

Up	ENSMUSG0000054457	1.11	1.77E-06	9430021M05Rik	processed_transcript	4.72	4.89	4.63	4.85	5.34	5.93	5.76	5.96
Down	ENSMUSG00000113856	-2.94	2.19E-06	Gm10790	processed_transcript	4.42	4.56	4.43	4.02	2.00	3.33	2.24	2.54
Down	ENSMUSG00000100037	-1.17	3.23E-06	Gm29103	processed_transcript	5.34	5.68	5.37	5.02	4.54	4.32	4.24	4.33
Down	ENSMUSG00000063018	-1.30	3.76E-06	2010204K13Rik	processed_transcript	6.84	6.86	7.07	7.14	4.61	6.19	5.80	5.81
Up	ENSMUSG00000114051	1.64	4.49E-06	Gm48008	processed_transcript	3.86	3.63	3.97	3.69	3.69	4.54	5.19	5.33
Down	ENSMUSG00000085088	-2.44	5.61E-06	4931413K12Rik	processed_transcript	3.50	3.68	3.65	2.86	2.00	2.44	2.00	2.92
Down	ENSMUSG00000093967	-1.78	6.62E-06	Gm26261	processed_transcript	3.50	3.68	3.61	4.22	4.22	4.22	3.12	3.12
Down	ENSMUSG00000105139	-5.54	7.01E-06	Gm19391	processed_transcript	3.44	2.66	3.23	2.66	2.13	2.00	2.00	2.00
Down	ENSMUSG0000086477	-1.59	7.96E-06	Gm15506	processed_transcript	4.77	5.43	5.19	5.00	4.13	3.77	2.54	4.31
Down	ENSMUSG00000085971	-2.33	9.43E-06	Gm15411	processed_transcript	4.39	4.20	4.68	4.19	2.00	3.56	2.00	3.23
Down	ENSMUSG00000074578	-1.17	1.11E-05	Zfas1	processed_transcript	6.12	6.02	5.81	6.22	3.92	5.66	5.14	4.66
Down	ENSMUSG00000046463	-1.64	1.16E-05	5930403N24Rik	processed_transcript	4.91	4.74	4.57	4.96	3.64	3.17	3.67	3.66
Down	ENSMUSG00000055134	-2.00	1.25E-05	9130017K11Rik	processed_transcript	4.29	4.61	3.93	3.90	2.57	3.43	2.24	3.17
Down	ENSMUSG00000073073	-1.54	1.89E-05	Gm8098	processed_transcript	4.39	4.24	4.27	3.86	2.66	2.98	3.63	3.17
Down	ENSMUSG00000090193	-4.92	2.52E-05	Gm15995	processed_transcript	2.94	3.57	3.30	3.15	2.00	2.00	2.00	2.24
Down	ENSMUSG00000116725	-6.90	2.54E-05	Gm29686	processed_transcript	3.67	3.33	3.93	3.33	2.00	3.33	2.00	2.00
Down	ENSMUSG00000085741	-1.32	2.89E-05	5430405H02Rik	processed_transcript	4.72	4.82	5.73	5.49	3.50	4.04	4.24	4.59
Down	ENSMUSG00000087113	-3.68	3.42E-05	Gm11714	processed_transcript	3.10	3.26	3.43	2.59	2.00	2.00	2.44	2.44
Down	ENSMUSG00000093483	-2.16	3.45E-05	AA665934	processed_transcript	3.72	3.33	3.97	4.15	2.74	2.92	2.00	2.78
Down	ENSMUSG00000085704	-1.78	3.52E-05	4921831C22Rik	processed_transcript	4.54	4.26	4.78	4.76	3.69	3.56	2.13	3.74
Down	ENSMUSG00000084910	-1.62	3.64E-05	C630043F03Rik	processed_transcript	5.78	5.68	5.68	4.58	4.58	4.58	2.71	4.59
Down	ENSMUSG00000044021	-2.41	5.11E-05	Nuc19	processed_transcript	4.26	4.09	4.24	4.96	3.23	2.85	2.35	2.92
Down	ENSMUSG00000085396	-1.78	5.14E-05	Gm13630	processed_transcript	4.03	4.13	4.01	4.19	2.00	3.52	3.07	2.85
Down	ENSMUSG00000113226	-4.41	5.21E-05	Gm47808	processed_transcript	2.75	3.68	3.60	2.94	2.13	2.12	2.00	2.12
Down	ENSMUSG00000108520	-1.77	5.46E-05	Gm44684	processed_transcript	4.29	3.97	3.75	3.55	2.13	2.85	2.93	3.23
Down	ENSMUSG00000086946	-2.16	5.52E-05	Gm15527	processed_transcript	3.18	3.68	3.65	3.65	2.47	2.24	2.78	2.78
Down	ENSMUSG00000086358	-2.28	7.05E-05	Gm13270	processed_transcript	4.18	4.67	3.97	4.22	2.82	3.52	2.00	4.22
Down	ENSMUSG00000089990	-2.31	9.57E-05	Gm15852	processed_transcript	6.39	6.35	6.31	6.49	4.72	4.82	2.00	4.43
Down	ENSMUSG00000092483	-1.46	1.31E-04	Gm20421	processed_transcript	4.87	4.79	4.75	4.91	3.50	2.92	4.04	4.02
Down	ENSMUSG00000085274	-3.05	1.34E-04	BC046401	processed_transcript	3.77	4.09	3.97	3.86	2.00	2.00	2.00	3.23
Down	ENSMUSG00000104830	-2.22	1.34E-04	5830487J09Rik	processed_transcript	3.18	3.03	3.54	4.37	2.13	2.78	2.24	2.85
Down	ENSMUSG00000092455	-4.97	1.57E-04	Gm20456	processed_transcript	2.16	2.16	3.36	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000096907	-1.69	1.69E-04	Gm10541	processed_transcript	4.03	3.73	4.13	4.03	3.57	3.22	2.99	3.22
Down	ENSMUSG00000073846	-5.01	1.75E-04	Gm12526	processed_transcript	2.16	2.43	2.24	2.00	2.00	3.01	2.00	2.00
Down	ENSMUSG00000071181	-1.45	2.60E-04	3830408C21Rik	processed_transcript	5.24	5.12	5.31	5.40	3.89	2.92	4.67	4.23
Down	ENSMUSG00000043993	-1.88	2.64E-04	2900052L18Rik	processed_transcript	3.95	3.88	3.89	4.25	2.00	3.65	2.45	2.78
Down	ENSMUSG00000055114	-2.28	2.88E-04	Anxa13	processed_transcript	3.50	3.33	3.84	3.39	2.66	2.70	2.00	2.44
Down	ENSMUSG00000087406	-1.50	2.89E-04	E130215H24Rik	processed_transcript	4.67	4.50	4.85	4.53	2.90	2.78	4.22	3.66
Down	ENSMUSG00000086451	-1.84	3.32E-04	4933431K23Rik	processed_transcript	3.91	4.01	3.93	4.37	2.90	3.22	2.63	2.85
Down	ENSMUSG00000073821	-4.08	3.43E-04	8030451A03Rik	processed_transcript	3.02	4.01	3.80	3.08	2.00	2.34	2.00	2.24
Down	ENSMUSG00000085982	-1.95	3.90E-04	9530051G07Rik	processed_transcript	3.02	4.37	4.37	4.12	2.90	2.62	2.45	3.34
Down	ENSMUSG00000087067	-3.62	4.24E-04	Gm11532	processed_transcript	3.86	3.88	3.70	4.19	2.00	2.92	2.00	4.19
Down	ENSMUSG00000104436	-2.11	4.30E-04	Gm37423	processed_transcript	3.38	3.88	3.43	4.37	2.37	3.43	2.00	2.44
Down	ENSMUSG00000111334	-1.71	4.67E-04	Gm30015	processed_transcript	3.61	3.88	3.49	3.11	2.24	2.45	2.45	3.52
Down	ENSMUSG00000085156	-1.45	4.74E-04	Snhg15	processed_transcript	4.48	4.77	4.40	4.92	2.25	3.98	3.19	4.11
Down	ENSMUSG00000110424	-1.56	5.22E-04	1700012D14Rik	processed_transcript	4.29	4.50	4.91	4.55	4.07	4.07	3.13	3.66
Down	ENSMUSG00000053442	-4.76	5.36E-04	281040811Rik	processed_transcript	3.86	3.26	3.60	2.12	2.00	2.24	2.00	2.24
Down	ENSMUSG00000109857	-3.59	5.57E-04	Gm32817	processed_transcript	2.00	3.11	3.11	2.13	3.08	2.00	2.00	2.24
Down	ENSMUSG00000115729	-1.39	6.43E-04	Gm48957	processed_transcript	4.18	4.13	4.20	4.50	2.15	3.65	3.40	3.48
Down	ENSMUSG00000098160	-3.61	7.20E-04	Gm26974	processed_transcript	4.11	3.11	4.17	3.01	2.37	2.00	2.00	2.54
Down	ENSMUSG00000087627	-2.40	8.84E-04	A230005L01Rik	processed_transcript	3.77	3.11	2.93	2.86	2.00	2.53	2.00	2.62
Down	ENSMUSG00000031838	-1.87	9.44E-04	lf30	processed_transcript	4.82	4.01	3.93	4.34	2.74	3.61	2.54	3.12
Down	ENSMUSG00000085743	-3.57	1.21E-03	8430419K02Rik	processed_transcript	3.44	3.52	3.24	3.27	2.13	2.00	2.00	2.44
Down	ENSMUSG00000092185	-1.93	1.29E-03	Gm20416	processed_transcript	4.29	4.69	4.17	4.05	2.37	2.00	3.63	3.48
Down	ENSMUSG00000053749	-1.25	1.29E-03	Gm9920	processed_transcript	4.54	4.01	4.01	4.12	3.35	2.92	3.45	3.48
Down	ENSMUSG00000063751	-2.54	1.39E-03	Platr8	processed_transcript	2.85	3.52	2.93	3.69	2.00	2.70	2.00	2.44
Down	ENSMUSG00000092220	-1.95	1.50E-03	Gm20528	processed_transcript	4.70	4.97	4.82	5.05	3.94	2.71	2.00	2.71
Down	ENSMUSG00000085956	-2.79	1.51E-03	4930481B07Rik	processed_transcript	3.25	3.13	3.54	3.33	2.00	2.00	2.35	2.92
Down	ENSMUSG00000097806	-1.95	1.57E-03	Gm6556	processed_transcript	3.72	3.92	3.80	3.98	2.47	3.11	2.00	3.12
Down	ENSMUSG00000053442	-1.12	1.81E-03	4930697021Rik	processed_transcript	5.78	6.11	5.56	5.62	3.77	4.50	4.59	4.59
Down	ENSMUSG00000096971	-2.12	1.85E-03	4930556M19Rik	processed_transcript	4.39	4.58	4.70	4.67	2.00	2.85	3.54	3.53
Down	ENSMUSG00000091587	-4.52	1.87E-03	Gm17191	processed_transcript	2.54	2.86	2.00	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000116894	-1.68	1.95E-03	4930547E14Rik	processed_transcript	3.61	3.78	3.70	3.60	2.47	2.62	3.35	2.34
Down	ENSMUSG00000085445	-3.94	2.14E-03	Gm16348	processed_transcript	3.38	3.63	3.89	3.55	2.00	2.34	2.00	2.34
Down	ENSMUSG00000087675	-2.11	2.49E-03	Gm11762	processed_transcript	3.81	3.46	3.54	3.39	2.00	2.78	2.00	3.06
Down	ENSMUSG00000056023	-2.41	2.65E-03	Gm9989	processed_transcript	3.44	4.17	4.37	4.19	2.00	2.62	2.00	3.53
Down	ENSMUSG00000086844	-1.39	2.70E-03	B230206H07Rik	processed_transcript	4.82	4.61	4.46	5.05	3.64	3.61	3.00	4.20
Down	ENSMUSG00000097547	-1.00	2.81E-03	B230110C06Rik	processed_transcript	4.62	4.50	4.70	4.82	3.77	3.84	3.07	4.48
Down	ENSMUSG00000051844	-1.52	3.04E-03	B230319C09Rik	processed_transcript	4.11	2.95	4.57	3.65	3.11	2.70	2.13	3.62
Up	ENSMUSG00000079669	1.32	3.09E-03	Gm17396	processed_transcript	4.26	4.09	4.45	5.46	5.00	5.19	5.70	5.70
Down	ENSMUSG00000104117	-2.06	3.16E-03	Gm20743	processed_transcript	4.07	4.50	4.13	4.13	2.13	2.24	3.19	3.66
Down	ENSMUSG00000102224	-1.53	3.22E-03	4930447F24Rik	processed_transcript	2.94	3.26	3.43	3.01	2.37	2.78	2.00	2.78
Down	ENSMUSG00000057056	-1.60	3.32E-03	Gm14314	processed_transcript	4.39	4.64	4.09	4.22	4.13	3.21	2.45	3.52
Down	ENSMUSG00000091378	-3.04	3.59E-03	Gm4219	processed_transcript	3.38	3.63	3.60	3.60	2.90	3.60	2.00	2.12
Down	ENSMUSG00000085415	-3.52	3.60E-03	Selenok-ps1	processed_transcript	2.30	2.00	3.23	2.00	2.00	2.34	2.00	2.00
Down	ENSMUSG00000087556	-1.65	4.36E-03	Gm15764	processed_transcript	3.18	4.13	3.60	3.65	2.13	3.61	2.00	2.70
Down	ENSMUSG00000105195	-4.58	4.51E-03	Gm43584	processed_transcript	2.54	2.55	3.01	2.77	2.00	2.00	2.00	2.24
Down	ENSMUSG00000085184	-1.97	4.68E-03	4933439K11Rik	processed_transcript	4.51	3.33	4.17	4.42	2.00	3.87	2.45	2.62
Down	ENSMUSG00000085710	-3.27	4.71E-03	Gm12676	processed_transcript	3.10	2.86	3.23	2.27	2.00	2.24	2.00	2.24
Down	ENSMUSG00000084938	-4.27	5.36E-03	BB557941	processed_transcript	2.30	3.19	2.93	3.08	2.00	2.00	2.00	2.24
Down	ENSMUSG00000092353	-3.16	5.49E-03	Gm20539	processed_transcript	3.77	2.66	3.36	3.08	2.00	2.12	2.00	2.62
Down	ENSMUSG00000106407	-2.98	5.93E-03	Gm43439	processed_transcript	3.86	3.57	3.89	3.55	2.00	2.85	2.00	2.44
Down	ENSMUSG00000108446	-1.67	5.96E-03	Gm44997	processed_transcript	3.38	3.26	3.36	3.04	2.92	2.71	2.45	2.71
Down	ENSMUSG00000087295	-2.12	6.41E-03	Gm3948	processed_transcript	2.54	2.55	2.93	3.21	2.00	2.63	2.00	2.24
Down	ENSMUSG00000099930	-2.43	6.56E-03	Gm2396	processed_transcript	3.38	3.63	4.01	3.86	2.57			

Down	ENSMUSG00000084866	-1.67	9.26E-03	A930006K02Rik	processed_transcript	3.25	3.63	3.65	3.08	2.66	2.62	2.13	2.92
Down	ENSMUSG00000087553	-4.04	9.88E-03	5730412P04Rik	processed_transcript	2.75	2.66	3.80	3.74	2.25	2.00	2.00	2.24
Up	ENSMUSG00000031955	4.24	0.00E+00	Bcar1	protein_coding	8.18	8.15	8.40	8.20	12.42	12.39	12.50	12.50
Up	ENSMUSG00000037771	3.94	0.00E+00	Slc32a1	protein_coding	7.87	7.83	7.82	7.84	11.81	11.71	11.88	11.60
Up	ENSMUSG00000026890	3.86	0.00E+00	Lhx6	protein_coding	7.19	7.06	7.00	7.19	10.96	11.03	10.90	10.83
Up	ENSMUSG00000049659	3.80	0.00E+00	Atp9h	protein_coding	9.38	9.34	9.39	9.34	13.03	13.17	13.22	13.18
Up	ENSMUSG00000022289	3.26	0.00E+00	Egr3b4	protein_coding	9.22	9.20	9.30	9.26	12.52	12.52	12.52	12.57
Up	ENSMUSG00000030310	2.93	0.00E+00	Slc6a1	protein_coding	10.04	10.05	10.07	10.01	12.88	13.03	13.06	12.87
Up	ENSMUSG00000035681	2.82	0.00E+00	Kcnc2	protein_coding	9.43	9.34	9.35	9.28	12.11	12.26	12.17	12.10
Down	ENSMUSG00000064370	-5.96	0.00E+00	mt-Cytb	protein_coding	14.69	14.80	14.96	15.13	9.03	9.03	8.59	9.12
Down	ENSMUSG00000064341	-5.26	0.00E+00	mt-Nd1	protein_coding	14.44	14.52	14.70	14.71	9.53	9.26	9.07	9.48
Down	ENSMUSG00000053310	-4.66	0.00E+00	Nrgn	protein_coding	13.08	13.05	13.14	13.02	8.50	8.43	8.24	8.52
Down	ENSMUSG00000070570	-4.41	0.00E+00	Slc17a7	protein_coding	12.64	12.58	12.73	12.50	7.97	8.56	8.19	8.11
Down	ENSMUSG00000030905	-4.06	0.00E+00	Crym	protein_coding	9.30	9.33	9.34	9.37	5.49	5.33	5.27	5.55
Down	ENSMUSG00000047907	-4.01	0.00E+00	Tshz2	protein_coding	11.01	11.09	11.01	10.91	7.24	6.94	6.82	7.12
Down	ENSMUSG00000053025	-3.86	0.00E+00	Sv2b	protein_coding	11.43	11.46	11.17	11.33	7.82	7.53	7.21	7.47
Down	ENSMUSG00000049630	-3.67	0.00E+00	C1q3	protein_coding	9.73	9.70	9.63	9.56	6.29	5.81	5.93	6.21
Down	ENSMUSG00000025582	-3.41	0.00E+00	Nptx1	protein_coding	11.29	11.21	11.21	11.00	7.59	7.78	7.96	7.73
Down	ENSMUSG00000003948	-2.82	0.00E+00	Mmd	protein_coding	11.12	11.01	11.19	11.10	8.37	8.12	8.34	8.37
Down	ENSMUSG00000049556	-2.56	0.00E+00	Lingo1	protein_coding	10.49	10.52	10.56	10.44	8.10	7.91	7.95	7.89
Down	ENSMUSG00000032503	-2.32	0.00E+00	Atp2t1	protein_coding	10.52	10.69	10.54	10.68	8.10	8.41	8.32	8.34
Down	ENSMUSG00000050589	-3.08	9.59E-289	Slc12a2	protein_coding	14.15	14.21	14.16	14.06	10.99	11.13	10.89	11.23
Up	ENSMUSG00000053141	1.93	1.66E-286	Ptprt	protein_coding	9.95	9.99	10.02	10.07	11.90	11.90	12.03	11.92
Down	ENSMUSG00000039114	-3.70	8.22E-284	Nm1	protein_coding	10.80	10.70	10.87	10.78	7.37	6.94	7.02	7.16
Down	ENSMUSG00000038255	-3.92	9.92E-284	Neurod2	protein_coding	10.04	9.79	10.22	9.83	5.95	6.22	6.35	6.01
Down	ENSMUSG00000064351	-5.72	6.89E-279	mt-Co1	protein_coding	14.78	14.84	15.04	15.08	9.36	9.02	9.28	9.22
Up	ENSMUSG00000000552	2.61	3.07E-274	Zfp385a	protein_coding	8.34	8.22	8.24	8.18	10.88	10.94	10.86	10.64
Down	ENSMUSG00000078591	-3.40	8.35E-272	Hs3st4	protein_coding	9.81	9.67	9.91	9.58	6.29	6.40	6.58	6.36
Up	ENSMUSG00000030268	2.01	1.56E-251	Bcat1	protein_coding	9.15	9.13	8.92	9.04	11.06	11.05	11.07	11.06
Up	ENSMUSG00000020042	3.60	3.79E-249	Btbd11	protein_coding	7.18	7.18	7.14	6.79	10.69	10.76	10.66	10.45
Up	ENSMUSG00000046178	3.47	4.10E-237	Nxph1	protein_coding	7.43	7.55	7.25	7.59	10.86	11.00	10.90	10.84
Down	ENSMUSG000000050505	-3.50	1.21E-234	Pcdh20	protein_coding	9.93	9.83	9.83	9.48	6.25	6.22	6.27	6.60
Down	ENSMUSG00000035456	-3.47	5.87E-234	Frdm8	protein_coding	8.52	8.57	8.48	8.56	4.92	5.20	5.32	5.32
Down	ENSMUSG00000028765	-3.22	6.19E-234	Hpsa	protein_coding	12.53	12.30	12.65	12.23	9.24	9.20	9.25	9.25
Down	ENSMUSG00000045034	2.82	3.35E-232	Ankrd34b	protein_coding	7.65	7.58	7.39	7.61	10.30	10.45	10.36	10.32
Up	ENSMUSG00000027347	-2.07	1.84E-231	Nsgrp1	protein_coding	11.83	11.79	11.86	11.79	9.69	9.77	9.69	9.74
Down	ENSMUSG00000030772	-3.58	8.89E-230	Dkk3	protein_coding	10.74	10.53	10.62	10.43	7.04	6.85	7.17	7.11
Down	ENSMUSG00000048644	-4.09	2.84E-228	Cxcr1	protein_coding	10.66	10.67	10.66	10.76	6.26	6.88	6.73	6.63
Up	ENSMUSG00000026452	4.02	9.72E-228	Syt2	protein_coding	7.84	7.59	7.50	7.32	11.68	11.63	11.70	11.18
Up	ENSMUSG00000018470	3.17	3.29E-222	Kcnab3	protein_coding	7.28	7.09	7.22	6.87	10.35	10.27	10.31	10.06
Up	ENSMUSG00000039601	2.39	5.33E-222	Rcan2	protein_coding	10.17	10.18	10.01	9.92	12.52	12.39	12.60	12.33
Up	ENSMUSG00000025892	2.38	1.60E-221	Gria4	protein_coding	8.84	9.15	8.69	8.96	11.24	11.37	11.32	11.23
Up	ENSMUSG00000057880	2.25	2.18E-221	Abat	protein_coding	9.98	9.95	9.73	9.86	12.13	12.20	12.18	12.00
Up	ENSMUSG00000043456	2.18	4.20E-220	Zfp536	protein_coding	8.53	8.43	8.43	8.47	10.74	10.58	10.68	10.51
Down	ENSMUSG00000025128	-4.21	9.85E-219	Bhlhe22	protein_coding	9.37	9.18	9.29	9.35	5.49	4.96	5.40	5.06
Down	ENSMUSG00000009075	-3.08	1.41E-218	Cabp7	protein_coding	10.71	10.43	10.66	10.25	7.51	7.51	7.52	7.36
Down	ENSMUSG00000025867	-1.77	8.23E-218	Capi2	protein_coding	13.07	13.07	13.17	11.43	11.31	11.43	11.41	11.41
Down	ENSMUSG00000064363	-6.09	1.10E-217	mt-Nd4	protein_coding	13.79	13.95	14.01	14.25	7.40	7.71	8.30	8.30
Down	ENSMUSG00000022454	-2.79	1.32E-216	Nell2	protein_coding	11.85	11.74	11.90	11.63	9.06	9.17	8.88	8.85
Down	ENSMUSG00000071470	-5.18	2.14E-215	Ccnb1ip1	protein_coding	14.03	13.89	13.67	13.82	8.65	8.80	8.75	8.55
Down	ENSMUSG00000021420	-2.66	6.86E-213	Fars2	protein_coding	9.88	9.79	9.93	9.88	7.40	7.93	7.22	7.22
Up	ENSMUSG00000048834	2.38	6.80E-211	Vstm2a	protein_coding	9.49	9.50	9.40	9.62	11.82	11.89	11.94	11.84
Down	ENSMUSG00000025658	-1.55	1.26E-207	Cnksr2	protein_coding	11.67	11.77	11.65	11.65	10.03	10.13	10.23	10.22
Up	ENSMUSG00000020810	2.62	2.59E-205	Cygb	protein_coding	8.31	8.34	8.21	8.28	10.98	10.92	10.89	10.79
Up	ENSMUSG00000026787	3.10	3.13E-203	Gad2	protein_coding	9.82	9.79	9.54	9.78	12.73	12.88	13.00	12.60
Up	ENSMUSG00000032020	2.76	1.18E-202	Ubash3b	protein_coding	7.89	7.72	7.86	7.82	10.67	10.52	10.72	10.43
Down	ENSMUSG00000021743	-4.33	9.98E-202	Fezf2	protein_coding	8.28	8.31	8.06	8.16	4.19	3.91	4.19	4.48
Down	ENSMUSG00000063659	-2.77	3.36E-201	Zbtb18	protein_coding	12.04	11.95	12.04	11.85	9.46	9.11	9.28	8.94
Up	ENSMUSG00000031543	3.25	3.12E-199	Ank1	protein_coding	8.70	8.83	8.68	8.55	12.05	11.88	12.11	11.63
Down	ENSMUSG00000032355	-2.79	7.54E-196	Milp	protein_coding	9.83	9.87	9.87	9.90	7.17	7.30	6.90	7.05
Up	ENSMUSG00000026610	2.60	5.20E-194	Esrng	protein_coding	7.37	7.32	7.47	7.64	9.90	10.14	10.02	10.02
Down	ENSMUSG00000094910	-1.90	2.80E-192	D430019H16Rik	protein_coding	10.40	10.30	10.35	10.40	8.49	8.52	8.33	8.56
Down	ENSMUSG00000059213	-2.86	8.93E-189	Ddn	protein_coding	13.90	13.76	13.82	13.56	10.93	11.00	10.86	10.83
Down	ENSMUSG00000022708	-2.06	4.17E-188	Zbtb20	protein_coding	11.94	11.95	12.08	11.86	9.72	9.72	9.96	9.93
Down	ENSMUSG00000035033	-3.81	6.49E-186	Tbr1	protein_coding	8.46	8.60	8.27	8.47	4.70	5.00	4.38	5.15
Down	ENSMUSG00000046329	-1.78	7.68E-182	Slc25a23	protein_coding	12.17	12.13	12.24	12.12	10.43	10.40	10.39	10.32
Down	ENSMUSG00000039533	-2.67	3.28E-181	Mmd2	protein_coding	9.55	9.56	9.59	9.56	6.84	7.04	6.65	7.16
Up	ENSMUSG00000020814	3.01	9.51E-181	Mxra7	protein_coding	6.99	6.71	6.86	6.83	9.84	9.89	9.88	9.63
Up	ENSMUSG00000038617	2.18	2.43E-180	Etl4	protein_coding	9.96	10.14	10.12	10.00	12.18	12.25	12.28	12.22
Down	ENSMUSG00000053963	-3.61	4.79E-180	Stum	protein_coding	12.22	12.07	12.10	11.88	8.40	8.68	7.91	8.77
Down	ENSMUSG00000057522	-1.93	2.71E-179	Spop	protein_coding	10.97	10.91	10.84	10.85	9.09	8.84	8.87	9.07
Up	ENSMUSG00000029516	2.36	8.60E-178	Ct	protein_coding	9.75	9.71	9.62	9.58	12.12	12.06	12.04	11.86
Down	ENSMUSG00000055430	-2.08	9.44E-176	Nap1i5	protein_coding	10.83	10.89	10.83	11.02	12.96	13.04	12.97	13.01
Down	ENSMUSG00000056578	-2.99	3.95E-177	Gabra5	protein_coding	10.31	10.29	10.40	10.16	7.52	7.25	7.41	7.13
Up	ENSMUSG00000038602	1.55	2.63E-176	Neto2	protein_coding	9.12	9.06	8.93	9.09	10.68	10.58	10.58	10.55
Up	ENSMUSG00000058975	2.57	2.72E-174	Kcnc1	protein_coding	10.23	10.13	10.19	10.05	12.76	12.73	12.83	12.52
Up	ENSMUSG00000039485	1.60	1.60E-171	Tsply4	protein_coding	11.02	10.90	10.88	10.88	12.48	12.61	12.55	12.44
Up	ENSMUSG00000021194	2.44	8.32E-171	Chga	protein_coding	9.30	9.39	9.20	9.12	11.74	11.62	11.86	11.51
Up	ENSMUSG00000050043	1.32	2.27E-169	Tmx2	protein_coding	9.18	9.13	9.09	9.10	10.45	10.46	10.45	10.40
Down	ENSMUSG00000022283	-1.87	7.81E-169	Pabpc1	protein_coding	11.07	10.92	10.95	10.93	9.22	9.04	9.09	9.09
Up	ENSMUSG00000026335	1.84	5.91E-168	Pam	protein_coding	10.28	10.24	10.36	10.21	12.06	12.05	12.09	12.01
Down	ENSMUSG00000027296	-3.34	1.05E-163	Itpka	protein_coding	9.80	9.56	9.79	9.50	6.49	6.50	5.95	6.53
Down	ENSMUSG00000030103	-2.50	1.79E-163	Bhlhe40	protein_coding	9.44	9.34	9.34	9.41	6.79	7.02	6.81	7.09
Down	ENSMUSG00000035781	-1.52	4.14E-163	R3hdm4	protein_coding	10.71	10.66	10.66	10.55	9.06	9.16	9.12	9.22
Up	ENSMUSG00000074607	2.38	1.30E-162	Tox2	protein_coding	7.76	7.70	7.55	7				

Up	ENSMUSG00000038068	2.61	1.70E-156	Rnf144b	protein_coding	6.66	6.67	6.52	6.74	9.07	9.32	9.26	9.19
Down	ENSMUSG00000022382	-3.86	3.54E-156	Wnt7b	protein_coding	8.00	8.06	8.04	8.02	4.39	4.22	4.73	4.36
Down	ENSMUSG00000043811	-3.21	5.82E-156	Rtn4r	protein_coding	8.89	8.77	8.51	8.51	5.99	5.24	5.63	5.61
Up	ENSMUSG000000043670	2.20	3.33E-155	Diras1	protein_coding	9.15	9.15	9.08	9.05	11.28	11.33	11.42	11.14
Down	ENSMUSG000000041773	-2.25	5.88E-155	Enc1	protein_coding	11.72	11.67	11.58	11.49	9.34	9.62	9.19	9.30
Down	ENSMUSG000000035513	-3.07	6.34E-155	Nlmg2	protein_coding	8.70	8.60	8.87	8.72	5.93	5.61	5.41	5.98
Down	ENSMUSG000000034365	-2.87	9.11E-155	mt-Nd6	protein_coding	14.21	14.39	14.39	14.66	9.73	9.64	9.73	9.91
Up	ENSMUSG000000074622	3.34	1.90E-153	Mafb	protein_coding	6.89	6.59	6.43	6.76	9.99	9.86	10.15	9.85
Down	ENSMUSG000000026235	-1.51	3.15E-153	Epha4	protein_coding	10.68	10.60	10.71	10.55	9.11	9.18	9.17	9.08
Up	ENSMUSG000000026932	1.99	4.18E-153	Nacc2	protein_coding	9.26	9.27	9.16	9.24	11.13	11.22	11.36	11.11
Down	ENSMUSG000000022421	-1.95	1.09E-152	Nptxr	protein_coding	12.13	12.02	12.23	12.11	10.15	10.18	10.24	10.14
Up	ENSMUSG000000064329	2.08	1.41E-152	Scn1a	protein_coding	9.64	9.51	9.70	9.44	11.62	11.61	11.79	11.57
Up	ENSMUSG000000054423	1.82	2.73E-151	Cadps	protein_coding	10.51	10.52	10.51	10.39	12.35	12.29	12.44	12.08
Down	ENSMUSG000000025372	-2.50	4.83E-151	Baiap2	protein_coding	9.95	9.79	9.80	9.70	7.54	7.17	7.04	7.55
Up	ENSMUSG000000031841	2.36	1.26E-150	Cdh13	protein_coding	7.95	7.83	7.88	8.14	10.23	10.49	10.26	10.20
Up	ENSMUSG000000038319	2.98	1.50E-150	Kcnh2	protein_coding	6.92	6.89	6.96	7.12	9.98	9.86	10.05	9.76
Up	ENSMUSG000000029769	2.21	1.59E-150	Ccdc136	protein_coding	9.13	9.16	9.17	9.06	11.41	11.18	11.51	11.23
Up	ENSMUSG000000038486	2.04	2.67E-150	Sv2a	protein_coding	10.62	10.52	10.55	10.35	12.56	12.47	12.74	12.40
Up	ENSMUSG000000035891	2.26	1.29E-149	Cerk	protein_coding	8.66	8.74	8.65	8.50	10.92	10.94	11.00	10.67
Down	ENSMUSG000000040606	-1.68	7.62E-148	Kazn	protein_coding	8.86	8.87	8.87	8.74	10.49	10.59	10.54	10.38
Down	ENSMUSG000000028266	-2.32	2.25E-147	Lmo4	protein_coding	9.59	9.73	9.73	9.78	7.30	7.47	7.47	7.62
Down	ENSMUSG000000078816	-1.82	2.75E-146	Pknox	protein_coding	11.14	11.05	11.25	11.12	9.25	9.35	9.35	9.38
Up	ENSMUSG000000055435	2.55	2.76E-146	Maf	protein_coding	7.54	7.37	7.44	7.64	10.20	10.09	9.95	9.82
Up	ENSMUSG000000035936	1.86	6.57E-146	Aldh5a1	protein_coding	8.94	8.90	8.70	8.84	10.65	10.84	10.74	10.54
Up	ENSMUSG000000032890	1.76	1.67E-145	Rims3	protein_coding	9.01	8.95	8.86	8.86	10.62	10.67	10.75	10.63
Up	ENSMUSG000000034312	1.85	6.15E-144	Iqsec1	protein_coding	11.07	11.05	11.04	10.89	12.91	12.84	13.02	12.66
Down	ENSMUSG000000028161	-1.65	7.50E-144	Ppp3ca	protein_coding	12.81	12.82	12.87	12.73	11.05	11.24	11.15	11.22
Down	ENSMUSG000000036766	-2.61	2.31E-143	Dner	protein_coding	8.72	8.65	8.62	8.82	11.21	11.36	11.45	11.16
Down	ENSMUSG000000079056	-2.72	2.11E-140	Kcnip3	protein_coding	9.10	9.10	9.02	8.97	6.55	6.30	5.97	6.64
Up	ENSMUSG000000027834	2.35	2.07E-139	Serpini1	protein_coding	9.79	9.96	9.68	9.97	12.16	12.26	12.29	12.07
Down	ENSMUSG000000043969	-4.29	8.48E-139	Emx2	protein_coding	8.27	8.17	8.17	7.88	4.16	3.38	4.54	4.28
Down	ENSMUSG000000046807	-3.09	1.45E-138	Hrk	protein_coding	8.60	8.54	8.59	8.64	5.06	5.81	5.81	5.63
Down	ENSMUSG000000039443	-1.52	1.72E-138	Ap2b1	protein_coding	12.13	12.03	12.14	11.94	10.52	10.67	10.50	10.38
Up	ENSMUSG000000029674	2.35	4.65E-138	Lmx1	protein_coding	8.59	8.68	8.52	8.51	10.76	10.72	10.72	10.42
Up	ENSMUSG000000017493	2.43	4.75E-138	Igf2p4	protein_coding	8.92	8.53	8.91	8.69	11.36	11.17	11.07	11.15
Up	ENSMUSG000000015709	1.33	6.89E-136	Arnt2	protein_coding	10.28	10.22	10.37	10.23	11.55	11.59	11.72	11.54
Up	ENSMUSG000000050511	3.11	8.75E-136	Oprd1	protein_coding	6.51	5.99	6.27	6.24	9.26	9.43	9.40	9.13
Down	ENSMUSG000000026701	-1.74	3.82E-134	Prdx6	protein_coding	9.49	9.53	9.47	9.49	7.81	7.69	7.72	7.87
Up	ENSMUSG000000025190	1.87	4.65E-134	Got1	protein_coding	9.83	9.80	9.73	9.76	11.67	11.72	11.77	11.39
Up	ENSMUSG000000010803	2.04	7.82E-134	Gabra1	protein_coding	10.85	10.93	10.84	10.83	12.93	12.86	13.06	12.73
Up	ENSMUSG000000036564	1.80	8.57E-133	Ndr4g	protein_coding	11.92	11.94	11.85	11.84	13.70	13.76	13.81	13.55
Down	ENSMUSG000000000247	-3.31	1.32E-132	Lhx2	protein_coding	8.99	8.86	8.74	8.63	5.71	5.66	5.62	5.62
Up	ENSMUSG000000022537	1.75	2.71E-132	Tmem44	protein_coding	8.43	8.45	8.47	8.34	10.29	10.11	10.14	10.09
Up	ENSMUSG000000035277	3.32	1.21E-131	Arx	protein_coding	7.12	6.79	6.75	6.89	10.33	10.15	10.11	10.08
Up	ENSMUSG000000002771	2.41	1.38E-131	Grin2d	protein_coding	7.38	7.13	7.14	7.03	9.38	9.72	9.53	9.40
Down	ENSMUSG000000067879	-2.99	1.86E-131	Vxn	protein_coding	10.91	10.92	10.76	10.76	8.24	7.43	7.80	7.84
Up	ENSMUSG000000033278	2.85	3.27E-131	Piprm	protein_coding	8.93	8.96	7.46	7.29	10.01	9.97	10.07	9.77
Down	ENSMUSG000000030376	-2.37	8.86E-131	Slc8a2	protein_coding	10.27	10.01	10.22	10.04	7.46	7.57	7.76	8.16
Up	ENSMUSG000000026393	2.36	5.21E-130	Nek7	protein_coding	8.36	8.37	8.46	8.50	10.73	10.71	11.06	10.67
Up	ENSMUSG000000021613	2.81	9.44E-130	Hapln1	protein_coding	7.43	7.44	7.62	7.81	10.16	10.46	10.45	10.40
Up	ENSMUSG000000029094	1.94	2.49E-129	Afap1	protein_coding	7.71	7.62	7.64	7.49	9.65	9.61	9.44	9.41
Up	ENSMUSG000000026000	1.61	3.46E-127	Lanc1l	protein_coding	9.21	9.38	9.48	9.39	10.89	11.09	10.99	10.91
Up	ENSMUSG000000066392	1.36	1.82E-126	Nrxn3	protein_coding	10.18	10.01	10.21	10.10	11.51	11.56	11.46	11.41
Down	ENSMUSG000000046447	-2.06	2.41E-126	Camk2n1	protein_coding	12.57	12.56	12.40	12.40	10.52	10.56	10.41	10.22
Up	ENSMUSG000000039252	2.30	3.45E-126	Lgi2	protein_coding	8.91	9.04	9.09	8.84	11.16	11.21	11.58	11.06
Down	ENSMUSG000000009216	-2.25	1.12E-125	Fam163b	protein_coding	10.35	10.33	10.68	10.39	7.90	8.39	8.28	8.25
Down	ENSMUSG000000026730	-3.60	1.38E-125	Pter	protein_coding	8.78	8.71	8.64	8.95	5.65	5.08	5.26	5.20
Up	ENSMUSG000000031996	1.53	1.52E-124	Aplp2	protein_coding	10.91	10.83	10.85	10.71	12.45	12.30	12.41	12.23
Down	ENSMUSG000000034701	-4.14	1.52E-124	Neurod1	protein_coding	7.51	7.56	7.78	7.47	3.89	4.07	3.50	3.99
Up	ENSMUSG000000048998	2.75	2.03E-124	Eifm1	protein_coding	8.08	7.79	7.71	7.85	10.73	10.50	10.63	10.46
Up	ENSMUSG000000031772	2.65	5.82E-124	Cntnap4	protein_coding	7.41	7.61	7.37	7.57	10.17	9.96	10.29	10.01
Up	ENSMUSG000000020396	2.80	5.24E-123	Nefh	protein_coding	8.92	8.86	8.98	8.69	11.87	11.62	11.76	11.32
Up	ENSMUSG000000049866	2.25	1.05E-122	Arl4c	protein_coding	8.40	8.44	8.37	8.37	10.49	10.73	10.71	10.58
Up	ENSMUSG000000021680	3.91	1.14E-122	Crhbp	protein_coding	6.45	6.03	6.46	6.21	10.31	9.76	10.54	9.80
Down	ENSMUSG000000005360	-2.79	1.54E-122	Slc1a3	protein_coding	10.61	10.67	10.64	10.71	7.65	8.18	7.48	8.13
Up	ENSMUSG000000047495	1.12	2.29E-122	Dlgap2	protein_coding	9.47	9.45	9.50	9.42	10.62	10.58	10.57	10.52
Down	ENSMUSG000000027660	-1.66	4.02E-121	Skil	protein_coding	9.80	9.68	9.79	9.77	8.01	8.01	8.22	8.22
Up	ENSMUSG000000031709	1.80	3.40E-120	Tbc1d9	protein_coding	9.22	9.18	9.28	9.37	11.01	11.03	11.09	10.79
Down	ENSMUSG000000034353	-2.71	5.35E-120	Ramp1	protein_coding	8.75	8.84	8.86	8.69	5.84	6.13	6.11	6.42
Up	ENSMUSG000000009894	1.39	4.17E-119	Snap47	protein_coding	10.11	10.06	10.05	10.05	11.47	11.37	11.55	11.34
Up	ENSMUSG000000035226	1.83	4.55E-119	Rims4	protein_coding	8.89	8.94	8.85	8.68	10.89	10.58	10.72	10.45
Up	ENSMUSG000000026373	2.16	6.33E-119	Astn2	protein_coding	7.34	7.36	7.45	7.35	9.39	9.48	9.79	9.33
Down	ENSMUSG000000024479	-2.59	1.62E-118	Mafk	protein_coding	10.24	10.41	10.30	10.44	7.41	7.81	8.11	7.89
Down	ENSMUSG000000022327	-2.43	1.76E-118	Ankrk43b	protein_coding	9.74	9.86	9.74	9.90	7.35	7.52	7.39	7.19
Up	ENSMUSG000000059874	1.19	2.18E-118	Ntm	protein_coding	9.73	9.70	9.73	9.82	10.76	10.91	11.01	10.85
Up	ENSMUSG000000044884	1.77	5.23E-118	Ankrd50	protein_coding	8.52	8.39	8.41	8.38	10.24	10.27	10.27	9.95
Down	ENSMUSG000000064368	-3.99	5.53E-118	mt-Nd6	protein_coding	13.86	14.10	14.23	14.38	10.09	10.07	9.73	10.65
Down	ENSMUSG000000030134	-1.73	6.14E-118	Rasgef1a	protein_coding	10.56	10.57	10.69	10.60	8.95	8.77	9.06	8.74
Up	ENSMUSG000000032625	2.01	2.24E-117	Thsd7a	protein_coding	8.77	8.59	8.57	8.65	10.60	10.60	10.77	10.62
Up	ENSMUSG000000036377	1.39	3.91E-117	CS30008M17Rik	protein_coding	9.60	9.41	9.48	9.55	10.95	10.90	10.91	10.81
Up	ENSMUSG000000010066	3.18	4.40E-117	Caena2d2	protein_coding	7.45	7.68	7.05	7.37	10.65	10.66	10.44	10.46
Up	ENSMUSG000000040265	1.70	7.33E-117	Dnm3	protein_coding	9.90	9.87	9.67	9.81	11.48	11.59	11.55	11.43
Up	ENSMUSG000000042425	1.74	3.49E-116	Frmpd3	protein_coding	8.49	8.44	8.41	8.29	10.14	10.21	10.22	9.98
Down	ENSMUSG000000050640	-2.22	5.88E-116	Tmem150c	protein_coding	9.20	9.16	9.15	8.97	6.65	7.18	6.77	7.07
Up	ENSMUSG000000058297	1.49	1.67E-										

Up	ENSMUSG00000023169	1.62	3.69E-113	Slc38a1	protein_coding	10.22	10.13	10.11	10.04	11.76	11.69	11.91	11.61
Down	ENSMUSG00000033863	-1.62	1.83E-112	Klf9	protein_coding	10.50	10.46	10.43	10.33	8.82	8.76	8.99	8.71
Down	ENSMUSG00000037579	-2.33	1.49E-111	Kcnh3	protein_coding	8.41	8.24	8.54	8.41	5.99	5.99	5.89	6.17
Down	ENSMUSG000000024140	-2.61	2.83E-110	Epas1	protein_coding	10.31	10.27	10.33	9.93	7.68	7.45	7.70	7.67
Up	ENSMUSG000000029167	1.75	3.48E-110	Ppargc1a	protein_coding	9.12	9.35	9.20	9.05	10.78	10.90	11.10	10.90
Down	ENSMUSG000000036570	-3.66	4.77E-110	Fxyd1	protein_coding	7.52	7.26	7.14	7.66	4.16	4.30	3.94	3.95
Up	ENSMUSG000000030387	2.30	5.77E-110	Vamp1	protein_coding	8.79	8.69	8.68	8.71	11.05	11.22	10.23	10.23
Down	ENSMUSG000000009013	-1.70	7.12E-110	Dynl1l1	protein_coding	10.73	10.71	10.72	10.74	9.31	8.92	9.02	8.83
Down	ENSMUSG000000020611	-1.57	7.39E-110	Gna13	protein_coding	9.13	9.00	9.17	9.10	7.51	7.68	7.44	7.55
Down	ENSMUSG000000028519	-1.60	1.49E-109	Dab1	protein_coding	10.48	10.47	10.48	10.47	8.63	8.91	8.94	9.01
Up	ENSMUSG000000021577	1.22	1.87E-109	Sdha	protein_coding	10.51	10.59	10.46	10.45	11.77	11.66	11.80	11.67
Down	ENSMUSG00000007097	-2.14	2.74E-109	Alpt2	protein_coding	11.42	11.35	11.31	11.12	9.28	9.24	8.83	9.30
Up	ENSMUSG000000033615	2.34	7.45E-109	Cplx1	protein_coding	11.82	11.81	11.81	11.63	14.23	14.06	14.20	13.94
Down	ENSMUSG000000064367	-4.00	8.05E-109	mt-Nd5	protein_coding	14.94	15.19	15.26	15.43	11.22	11.10	10.70	11.69
Up	ENSMUSG000000037747	1.54	8.31E-109	Phyhlpl	protein_coding	10.01	10.07	10.02	10.19	11.71	11.56	11.66	11.51
Down	ENSMUSG000000047205	-3.36	1.00E-108	Dusp18	protein_coding	8.07	8.01	8.02	8.26	4.72	5.08	5.20	5.20
Up	ENSMUSG000000060735	3.70	1.82E-108	Rxfp3	protein_coding	5.33	4.89	5.13	5.19	8.63	8.93	8.69	8.46
Down	ENSMUSG000000059173	-2.37	2.15E-108	Pde1a	protein_coding	10.39	10.44	10.32	10.44	7.91	8.11	7.70	8.37
Down	ENSMUSG000000009569	-1.32	3.61E-108	Mrfb	protein_coding	11.03	10.93	11.04	10.87	9.67	9.75	9.49	9.70
Up	ENSMUSG000000054162	1.94	4.87E-108	Spock3	protein_coding	8.74	8.85	8.87	9.00	10.80	10.75	10.79	10.85
Up	ENSMUSG000000041977	1.72	6.90E-108	Arhgef11	protein_coding	9.43	9.35	9.34	9.22	11.02	11.07	11.14	10.97
Down	ENSMUSG00000110344	-2.59	7.10E-108	Gm45716	protein_coding	8.98	8.82	9.05	8.68	6.33	6.06	6.80	6.39
Up	ENSMUSG000000021730	1.74	1.02E-107	Hcn1	protein_coding	10.36	10.31	10.39	10.29	12.07	12.07	12.20	11.95
Down	ENSMUSG000000049606	-1.50	3.12E-107	Zfp644	protein_coding	11.04	11.06	10.96	11.01	9.60	9.49	9.56	9.46
Up	ENSMUSG000000025207	2.46	3.77E-107	Sema4g	protein_coding	6.92	6.96	6.77	7.02	9.37	9.39	9.46	9.09
Down	ENSMUSG000000050287	-3.52	7.96E-107	Rgs14	protein_coding	8.01	7.71	8.21	7.91	4.49	4.92	4.10	5.00
Down	ENSMUSG000000004151	-2.15	1.54E-106	Etv1	protein_coding	9.92	9.94	9.87	10.13	8.11	7.79	7.85	7.85
Up	ENSMUSG000000062380	1.73	1.09E-105	Tubb3	protein_coding	9.42	9.40	9.38	9.52	11.09	11.16	11.29	11.09
Up	ENSMUSG000000096914	2.42	1.67E-105	Galnt6	protein_coding	7.80	7.96	7.87	7.64	10.06	10.34	10.34	10.14
Up	ENSMUSG000000049148	2.18	2.64E-105	Pf1cxd3	protein_coding	6.84	6.76	6.69	6.75	8.91	8.92	8.93	8.82
Down	ENSMUSG000000036885	-2.22	5.94E-105	Arhgef26	protein_coding	8.43	8.49	8.49	8.51	6.10	6.55	6.07	6.50
Up	ENSMUSG000000037306	1.98	6.99E-105	Man1c1	protein_coding	7.43	7.42	7.27	7.48	9.33	9.51	9.39	9.20
Down	ENSMUSG000000037964	-4.54	7.75E-105	Neurod6	protein_coding	10.17	10.17	10.19	10.19	4.89	5.86	5.37	5.37
Down	ENSMUSG000000025813	-1.39	4.42E-104	Hmgb1	protein_coding	10.53	10.51	10.34	10.41	9.10	8.96	9.04	9.10
Down	ENSMUSG000000032402	-2.24	1.34E-103	Smad3	protein_coding	8.51	8.78	8.88	8.78	6.47	6.62	6.43	6.68
Up	ENSMUSG000000024044	1.64	1.53E-103	Epb41l3	protein_coding	10.10	9.92	10.00	9.93	11.77	11.56	11.68	11.49
Down	ENSMUSG000000058600	-1.94	3.05E-103	Rpl30	protein_coding	9.85	9.89	9.72	9.87	7.94	7.81	8.00	7.89
Up	ENSMUSG000000022935	2.37	1.37E-102	Grik1	protein_coding	6.88	6.93	7.02	7.11	9.08	9.38	9.38	9.41
Down	ENSMUSG000000027221	-2.18	2.40E-102	Chst1	protein_coding	10.62	10.48	10.62	10.41	8.13	8.71	8.19	8.39
Up	ENSMUSG000000022353	2.00	4.60E-102	Mts1	protein_coding	8.10	8.06	8.13	8.16	10.13	10.10	10.13	10.11
Down	ENSMUSG000000034413	-3.55	1.60E-101	Neur1f1b	protein_coding	9.21	9.10	8.92	9.06	5.33	6.19	4.99	5.75
Down	ENSMUSG000000024074	-2.09	2.74E-101	Crim1	protein_coding	10.20	10.05	10.01	10.01	8.01	7.71	8.05	8.05
Down	ENSMUSG000000051243	-3.59	7.26E-101	Islr2	protein_coding	8.89	8.58	8.83	8.62	5.33	5.27	4.67	5.70
Down	ENSMUSG000000039058	-1.82	1.04E-100	Ak5	protein_coding	10.25	10.22	10.34	10.12	8.39	8.63	8.31	8.36
Down	ENSMUSG000000014164	-1.56	1.27E-100	Klhl3	protein_coding	9.42	9.24	9.41	9.30	7.65	7.86	7.91	7.79
Down	ENSMUSG000000026740	-1.65	1.98E-100	Dnae1	protein_coding	8.78	8.78	8.84	8.70	7.26	7.23	7.19	6.93
Down	ENSMUSG000000023192	-3.03	8.98E-100	Gm2	protein_coding	8.16	8.04	8.26	7.79	5.42	5.16	5.17	5.16
Down	ENSMUSG000000024617	-1.88	1.56E-99	Camk2a	protein_coding	13.98	13.80	13.84	13.67	11.84	12.18	11.72	12.01
Up	ENSMUSG000000022527	2.00	1.65E-99	Laptn4b	protein_coding	8.18	8.03	7.78	8.06	9.98	9.98	10.13	9.80
Up	ENSMUSG000000030098	3.06	4.28E-99	Grip2	protein_coding	6.08	6.01	6.14	6.29	8.96	9.27	9.29	8.93
Up	ENSMUSG000000019179	1.29	5.53E-99	Mdh2	protein_coding	10.05	10.06	10.09	9.97	11.31	11.35	11.43	11.23
Up	ENSMUSG000000061762	3.50	1.27E-98	Tac1	protein_coding	5.17	5.30	5.32	5.25	8.45	8.78	8.79	8.43
Up	ENSMUSG000000007653	1.42	1.33E-98	Gabbr2	protein_coding	9.93	9.87	9.77	9.90	11.20	11.36	11.39	11.15
Up	ENSMUSG000000024524	1.28	3.30E-98	Gnal	protein_coding	10.29	10.42	10.19	10.29	11.54	11.70	11.57	11.50
Down	ENSMUSG000000041328	-1.47	3.30E-98	Pcf11	protein_coding	9.73	9.81	9.71	9.62	8.14	8.23	8.39	8.29
Down	ENSMUSG000000019124	1.33	4.11E-98	Scm1	protein_coding	10.21	10.19	10.17	10.18	11.47	11.52	11.63	11.40
Down	ENSMUSG000000053279	-2.96	4.11E-98	Aldh1a1	protein_coding	8.72	8.65	8.63	8.25	5.42	5.42	5.50	5.86
Up	ENSMUSG000000042589	2.11	8.19E-98	Cux2	protein_coding	8.22	8.39	8.24	8.42	10.30	10.52	10.53	10.28
Down	ENSMUSG000000019699	-1.68	8.19E-98	Ak3	protein_coding	11.88	11.87	11.89	11.78	10.18	10.33	10.18	10.00
Down	ENSMUSG000000017009	-3.13	1.34E-97	Sdo4	protein_coding	9.42	9.42	9.08	8.97	6.52	5.94	5.86	6.29
Up	ENSMUSG000000041836	1.65	1.51E-97	Ptprc	protein_coding	8.78	8.90	8.76	8.63	10.49	10.42	10.49	10.24
Down	ENSMUSG000000044950	-1.88	3.86E-97	Pwro2a	protein_coding	8.79	8.70	8.81	8.87	6.98	6.85	6.73	7.19
Down	ENSMUSG000000040929	-1.49	4.79E-97	Rfk3	protein_coding	10.16	10.17	10.07	10.14	8.67	8.50	8.80	8.63
Down	ENSMUSG000000046330	-1.60	6.24E-97	Rpl37a	protein_coding	9.05	8.90	8.95	9.00	7.27	7.46	7.40	7.48
Down	ENSMUSG000000030226	-1.88	8.34E-97	Lmo3	protein_coding	10.07	10.16	10.21	10.27	8.09	8.21	8.42	8.49
Up	ENSMUSG000000043388	1.91	1.47E-96	Tmem130	protein_coding	9.33	9.30	9.02	9.18	11.13	11.28	11.01	11.05
Down	ENSMUSG000000086040	-2.04	2.11E-96	Wlpf3	protein_coding	11.94	11.68	11.91	11.48	9.56	9.98	9.57	9.73
Down	ENSMUSG000000003949	-1.59	3.38E-96	Hlf	protein_coding	10.50	10.49	10.26	10.43	8.78	8.87	8.87	8.84
Down	ENSMUSG000000027217	-2.96	3.41E-94	Tspan18	protein_coding	7.79	7.62	7.80	7.51	5.19	4.68	4.88	4.83
Down	ENSMUSG000000050821	-1.70	5.38E-94	Fam131a	protein_coding	9.97	9.84	10.05	9.85	8.23	8.22	8.22	8.22
Up	ENSMUSG000000001985	1.52	9.12E-94	Grik3	protein_coding	8.89	9.09	8.79	8.85	10.47	10.39	10.41	10.42
Up	ENSMUSG000000070890	3.79	1.29E-93	Gad1	protein_coding	10.01	9.99	9.91	9.69	13.63	13.73	13.86	13.45
Down	ENSMUSG000000012429	-2.19	1.52E-93	Aldoa1	protein_coding	10.94	10.76	10.89	10.59	8.36	8.91	8.30	8.30
Down	ENSMUSG000000036192	-1.30	1.53E-93	Rorb	protein_coding	8.79	8.71	8.56	8.91	6.12	5.74	6.09	6.09
Down	ENSMUSG000000040689	-2.62	2.01E-93	Limd2	protein_coding	8.38	8.32	8.54	8.29	6.20	5.68	5.91	5.57
Up	ENSMUSG000000002504	2.11	3.81E-93	Stc9a3r2	protein_coding	6.82	6.93	6.74	6.79	8.90	8.97	8.87	8.82
Down	ENSMUSG000000036304	-3.26	5.39E-93	Zdhhc23	protein_coding	8.61	8.67	8.67	8.56	5.50	5.58	4.88	5.83
Down	ENSMUSG000000017978	-2.42	7.35E-93	Cadps2	protein_coding	9.73	9.61	9.64	9.50	7.07	7.52	6.90	7.36
Up	ENSMUSG000000038172	2.02	8.61E-93	Ttc39b	protein_coding	8.39	8.47	8.16	8.31	10.24	10.37	10.60	10.14
Up	ENSMUSG000000050447	2.42	1.16E-92	Lypd6	protein_coding	7.24	7.20	7.37	7.62	9.67	9.73	9.88	9.72
Up	ENSMUSG000000028937	1.44	1.27E-92	Acol7	protein_coding	9.89	9.76	9.76	9.71	11.19	11.30	11.27	11.05
Up	ENSMUSG000000061080	1.23	1.97E-92	Lsmp	protein_coding	11.55	11.58	11.67	11.67	12.83	12.84	12.93	12.70
Down	ENSMUSG000000078429	-1.67	5.53E-92	Ctdsp2	protein_coding	9.30	9.12	9.25	9.02	7.54	7.52	7.36	7.68
Up	ENSMUSG000000041911	2.34	9.14E-92	Dlx1	protein_coding	8.13	8.09	8.02	8.14	10.42	10.40	10.50	10.35
Down	ENSMUSG000000061983	-2.07	2.20E-91	Rps12	protein_coding	9.68	9.58	9.53	9.62	7.77	7.50	7.47	

Up	ENSMUSG00000038256	1.02	4.63E-90	Bcl9	protein_coding	9.04	9.00	9.03	9.00	10.07	10.03	10.10	9.94
Up	ENSMUSG00000006273	1.07	8.58E-90	Atp6v1b2	protein_coding	10.81	10.79	10.79	10.78	11.80	11.92	11.96	11.77
Down	ENSMUSG00000056486	-1.22	1.15E-89	Chn1	protein_coding	12.57	12.50	12.49	12.42	11.20	11.39	11.30	11.19
Down	ENSMUSG00000031618	-1.78	1.39E-89	Nr3c2	protein_coding	10.35	10.21	10.55	10.21	8.26	8.75	8.60	8.60
Down	ENSMUSG00000022208	-1.48	1.79E-89	Jph4	protein_coding	11.46	11.40	11.46	11.46	9.96	10.09	9.73	10.05
Up	ENSMUSG00000046546	2.46	2.20E-89	Fam143a	protein_coding	6.19	6.05	6.24	6.11	8.61	8.51	8.61	8.41
Down	ENSMUSG00000027162	-1.43	3.65E-89	Lin7	protein_coding	9.77	9.66	9.67	9.63	8.23	8.45	8.44	8.55
Up	ENSMUSG00000039607	1.82	6.10E-89	Rbms3	protein_coding	7.57	8.02	8.02	7.95	9.79	9.73	9.73	9.58
Down	ENSMUSG00000037972	-1.74	7.17E-89	Snn	protein_coding	10.45	10.43	10.52	10.43	8.60	8.73	8.89	8.68
Up	ENSMUSG00000032788	1.62	9.05E-89	Pdk	protein_coding	9.57	9.59	9.52	9.36	11.14	11.20	11.19	10.97
Up	ENSMUSG00000090100	1.15	2.17E-88	Ttk2	protein_coding	10.60	10.48	10.47	10.45	11.64	11.71	11.72	11.50
Up	ENSMUSG00000038305	1.99	2.55E-88	Spats2l	protein_coding	6.70	7.16	7.25	7.17	9.11	9.01	9.11	8.94
Down	ENSMUSG00000040055	-4.32	3.03E-88	Gjb6	protein_coding	7.82	7.96	7.65	7.52	3.64	4.16	3.63	3.95
Up	ENSMUSG00000042453	2.05	3.19E-88	Reln	protein_coding	8.88	8.82	8.82	8.62	10.77	10.77	10.65	10.41
Up	ENSMUSG00000022110	1.32	3.39E-88	Suda2	protein_coding	9.26	9.50	9.36	9.38	10.68	10.69	10.83	10.57
Up	ENSMUSG00000019923	1.34	3.59E-88	Zwint	protein_coding	11.52	11.60	11.57	11.71	12.89	12.86	13.08	12.91
Up	ENSMUSG00000029777	1.51	4.26E-88	Gars	protein_coding	9.26	9.05	9.04	9.11	10.53	10.69	10.78	10.46
Up	ENSMUSG00000029228	2.04	4.80E-88	Lnx1	protein_coding	6.87	7.02	7.02	7.11	8.89	9.14	9.22	9.05
Down	ENSMUSG00000025393	1.36	5.11E-88	Atp5b	protein_coding	11.55	11.49	11.50	11.46	12.79	12.94	12.94	12.76
Down	ENSMUSG00000067279	-2.32	5.29E-88	Ppp1r3c	protein_coding	8.33	8.55	8.31	8.53	6.33	6.14	5.96	6.25
Down	ENSMUSG00000032174	-2.34	9.46E-88	Icam5	protein_coding	9.97	9.88	10.14	9.87	7.33	7.59	7.60	8.03
Up	ENSMUSG00000031932	3.14	1.22E-87	Gpr83	protein_coding	6.48	6.03	5.50	6.21	9.17	9.34	9.16	8.93
Down	ENSMUSG00000046093	-2.11	1.52E-87	Hpcal4	protein_coding	12.39	12.34	12.20	12.32	10.10	10.46	9.99	10.23
Down	ENSMUSG00000037742	-1.57	2.33E-87	Eef1a1	protein_coding	13.52	13.46	13.41	13.48	11.92	11.98	11.73	11.94
Down	ENSMUSG00000026514	-1.75	3.32E-87	Cnih3	protein_coding	8.57	8.81	8.79	8.75	6.89	7.17	6.89	6.80
Down	ENSMUSG00000059456	-2.65	7.82E-87	Ptk2b	protein_coding	11.83	11.60	11.87	11.45	9.05	9.42	8.47	9.13
Up	ENSMUSG00000029822	2.08	1.15E-86	Osbpl3	protein_coding	6.99	6.79	6.91	6.82	9.14	8.98	8.82	8.89
Down	ENSMUSG00000035847	-1.44	3.11E-86	Ids	protein_coding	11.90	11.99	11.92	12.08	10.53	10.61	10.45	10.55
Down	ENSMUSG00000036894	-2.20	3.66E-86	Rap2b	protein_coding	9.37	9.46	9.57	9.32	7.02	7.22	7.58	7.15
Down	ENSMUSG00000025290	-1.56	5.26E-86	Rps24	protein_coding	11.10	11.03	11.06	11.11	9.60	9.49	9.52	9.49
Down	ENSMUSG00000091476	-2.71	5.68E-86	Catspere2	protein_coding	7.33	7.44	7.24	7.52	4.88	4.87	4.71	4.93
Up	ENSMUSG00000019820	1.74	6.15E-86	Utm	protein_coding	8.73	9.04	8.67	8.96	10.52	10.75	10.54	10.55
Up	ENSMUSG00000042724	1.42	1.14E-85	Map3k9	protein_coding	8.48	8.55	8.47	8.33	9.74	9.76	9.78	9.78
Up	ENSMUSG00000023456	1.06	1.41E-85	Tai1	protein_coding	10.26	10.36	10.36	10.21	11.30	11.30	11.38	11.26
Down	ENSMUSG00000048482	-3.84	1.66E-85	Bdnf	protein_coding	8.14	8.16	8.52	7.87	4.10	4.85	5.02	4.17
Up	ENSMUSG00000043673	2.73	2.43E-85	Kcns3	protein_coding	6.34	6.33	6.73	6.19	9.21	9.00	9.18	8.93
Down	ENSMUSG00000019831	-1.69	2.44E-85	Wasf1	protein_coding	11.28	11.24	11.39	11.11	9.46	9.79	9.39	9.62
Down	ENSMUSG00000036907	-4.29	7.65E-85	C1ql2	protein_coding	7.90	7.81	8.23	7.66	4.49	4.01	4.00	3.34
Up	ENSMUSG00000029875	2.61	8.41E-85	Ccdc184	protein_coding	6.81	6.75	6.22	6.27	9.21	9.21	9.02	8.90
Up	ENSMUSG00000059713	1.96	8.93E-85	Rcan3	protein_coding	7.55	7.69	7.41	7.93	9.55	9.59	9.58	9.68
Up	ENSMUSG00000040133	2.32	1.08E-84	Gpr176	protein_coding	6.92	6.38	6.67	6.66	8.95	8.97	8.98	8.88
Down	ENSMUSG00000026185	-1.74	2.61E-84	Igf1bp5	protein_coding	10.39	10.13	10.19	10.13	8.29	8.55	8.28	8.75
Up	ENSMUSG00000027238	1.86	3.08E-84	Frmf5	protein_coding	7.80	7.99	7.85	7.95	9.62	9.90	9.71	9.74
Down	ENSMUSG00000034209	-4.21	3.42E-84	Ras110a	protein_coding	7.60	6.98	7.24	7.03	3.22	3.50	3.70	3.70
Up	ENSMUSG00000041028	1.26	4.04E-84	Ghitm	protein_coding	10.21	10.19	10.12	10.21	11.34	11.60	11.49	11.32
Up	ENSMUSG00000041124	1.14	6.30E-84	Msa1d4	protein_coding	9.06	9.10	9.06	9.06	10.15	10.16	10.21	10.21
Down	ENSMUSG00000028081	-1.39	7.35E-84	Rps3a1	protein_coding	10.59	10.54	10.64	10.64	9.05	9.05	9.04	9.04
Down	ENSMUSG00000027447	-1.80	1.20E-83	Cs3	protein_coding	11.27	11.10	11.10	11.10	9.41	9.44	9.08	9.45
Up	ENSMUSG00000031824	1.87	1.89E-83	6430548M08Rik	protein_coding	10.23	10.09	10.18	9.95	11.96	12.06	12.11	11.78
Down	ENSMUSG00000030785	3.72	2.03E-83	Cox6a2	protein_coding	4.57	4.20	5.04	4.85	8.15	7.80	8.53	8.19
Down	ENSMUSG00000006362	-1.83	2.13E-83	Cbfa2l3	protein_coding	8.94	8.64	8.59	8.65	7.01	6.84	6.82	6.98
Up	ENSMUSG00000020321	1.77	2.56E-83	Mdh1	protein_coding	10.74	10.76	10.78	10.76	12.48	12.57	12.63	12.41
Up	ENSMUSG00000033065	1.42	2.72E-83	Pfkm	protein_coding	10.04	9.99	9.92	9.79	11.39	11.35	11.39	11.28
Down	ENSMUSG00000053706	-1.90	3.16E-83	B430305J03Rik	protein_coding	8.50	8.53	8.75	8.46	6.52	6.84	6.73	6.69
Up	ENSMUSG00000034993	2.22	3.50E-83	Vat1	protein_coding	6.61	6.66	6.38	6.86	8.75	8.75	8.98	8.73
Up	ENSMUSG00000025579	1.66	1.07E-82	Gaa	protein_coding	10.39	10.07	9.86	9.92	11.70	11.64	11.72	11.63
Down	ENSMUSG00000048249	-1.25	2.07E-82	Crebrf	protein_coding	10.33	10.36	10.22	10.23	9.03	9.14	8.92	9.06
Up	ENSMUSG00000038886	1.04	3.24E-82	Man2a2	protein_coding	10.08	10.19	10.06	10.02	11.17	11.11	11.17	11.05
Down	ENSMUSG00000045092	-3.26	4.53E-82	S1pr1	protein_coding	9.09	9.14	9.10	9.17	6.02	5.99	5.14	6.39
Up	ENSMUSG00000032698	1.83	4.67E-82	Slc2a13	protein_coding	9.43	9.41	9.41	9.40	10.97	11.18	11.15	10.98
Down	ENSMUSG00000026826	-3.05	4.78E-82	Nr4a2	protein_coding	8.93	9.24	8.70	8.84	5.51	6.60	5.80	5.70
Up	ENSMUSG00000030411	3.42	8.18E-82	Rab3b	protein_coding	7.92	7.78	8.08	7.86	11.29	11.23	11.59	11.10
Up	ENSMUSG00000020978	1.21	1.17E-81	Klhdic2	protein_coding	9.41	9.52	9.48	9.43	10.53	10.78	10.63	10.72
Down	ENSMUSG00000074657	-1.73	1.32E-81	Kif5a	protein_coding	14.62	14.46	14.44	14.36	12.82	12.73	12.78	12.61
Down	ENSMUSG00000032323	1.29	1.87E-81	Dvl3	protein_coding	8.44	8.60	8.47	8.53	9.87	9.75	9.77	9.79
Down	ENSMUSG00000029602	-1.96	1.14E-80	Rasal1	protein_coding	8.13	7.90	8.19	8.12	6.37	5.95	6.04	6.36
Up	ENSMUSG00000019146	1.78	1.32E-80	Cacng2	protein_coding	9.08	9.18	9.23	9.22	10.97	10.96	11.12	10.73
Up	ENSMUSG00000049265	2.17	1.85E-80	Kcnk3	protein_coding	6.68	6.71	6.75	6.55	8.85	8.77	8.88	8.71
Up	ENSMUSG00000021476	1.05	2.17E-80	Habp4	protein_coding	10.67	10.74	10.73	10.56	11.70	11.76	11.75	11.63
Down	ENSMUSG00000028354	-1.25	2.69E-80	Fmn2	protein_coding	9.89	9.82	9.85	9.70	8.65	8.57	8.30	8.58
Up	ENSMUSG00000011148	2.61	6.38E-80	Adssl1	protein_coding	6.13	5.67	5.92	5.92	8.50	8.54	8.55	8.49
Down	ENSMUSG00000094626	-2.06	7.04E-80	Tmem121b	protein_coding	7.67	7.76	7.86	7.74	6.13	5.54	5.57	5.80
Up	ENSMUSG00000024219	1.59	9.00E-80	Anks1	protein_coding	7.37	7.44	7.41	7.28	9.04	8.86	8.96	8.96
Up	ENSMUSG00000022558	2.23	1.04E-79	Rorb1	protein_coding	7.61	7.52	7.49	7.59	9.85	9.85	9.93	9.48
Down	ENSMUSG00000021082	-3.42	1.41E-79	Rab15	protein_coding	10.79	10.68	10.68	10.57	9.37	9.28	9.41	9.22
Up	ENSMUSG00000033526	1.41	3.03E-79	Ppp1p5k1	protein_coding	9.42	9.26	9.33	9.16	10.65	10.82	10.74	10.59
Up	ENSMUSG00000036745	1.30	3.40E-79	Tllf7	protein_coding	10.74	10.80	10.78	10.69	11.96	12.09	11.96	12.00
Up	ENSMUSG00000027406	1.14	5.05E-79	ldh3b	protein_coding	10.01	9.99	9.93	9.94	11.00	11.14	11.19	11.07
Down	ENSMUSG00000036437	-3.04	5.93E-79	Npy1r	protein_coding	7.59	7.74	7.84	7.56	4.92	4.66	4.52	5.15
Down	ENSMUSG00000028786	-3.11	6.12E-79	Tmem54	protein_coding	7.59	7.49	7.77	7.48	4.88	4.04	5.07	4.57
Up	ENSMUSG00000033453	2.86	1.13E-78	Adams15	protein_coding	5.08	4.93	5.31	5.35	7.89	7.72	8.12	7.84
Up	ENSMUSG00000039943	1.76	1.49E-78	Pfcb4	protein_coding	8.22	8.16	7.85	7.85	9.87	9.83	9.73	9.65
Down	ENSMUSG00000028926	-1.15	4.31E-78	Cdk14	protein_coding	11.37	11.23	11.35	11.30	10.14	10.27	10.20	10.08
Up	ENSMUSG00000020205	1.89	4.74E-78	Phlda1	protein_coding	7.35	7.26	7.32	7.45	9.10	9.44	9.17	9.10
Up	ENSMUSG00000055026	1.78	5.11E-78	Gabrg3	protein_coding	7.83	7.95	7.73	7.97	9.50	9.89	9.59	9.53
Down	ENSMUSG00000074968	-2.08	5.59E-78	Ano3	protein_coding	9.43	9.48	9.48	9.45				

Down	ENSMUSG00000096188	-1.13	3.74E-77	Cmtm4	protein_coding	10.15	10.16	10.03	10.18	8.96	9.09	9.01	8.96
Up	ENSMUSG00000029608	1.51	4.17E-77	Rph3a	protein_coding	10.95	10.85	10.97	10.67	12.45	12.37	12.40	12.27
Up	ENSMUSG00000052302	1.32	9.36E-77	Tbc1d30	protein_coding	8.73	8.73	8.60	8.82	10.01	10.12	10.08	9.91
Down	ENSMUSG00000010175	-1.94	1.23E-76	Prox1	protein_coding	9.96	9.91	10.09	9.88	8.32	7.80	7.92	8.07
Up	ENSMUSG00000020220	1.21	1.55E-76	Vps13d	protein_coding	9.82	9.87	9.81	9.71	10.97	11.03	10.96	11.07
Up	ENSMUSG00000024073	1.32	3.23E-76	Birc6	protein_coding	10.16	10.26	9.91	10.10	11.45	11.47	11.30	11.50
Up	ENSMUSG00000028974	1.39	6.12E-76	Dffa	protein_coding	7.60	7.78	7.78	7.50	7.69	9.36	9.36	9.17
Down	ENSMUSG00000090291	-3.21	7.17E-76	Linc10b	protein_coding	8.58	8.37	8.49	7.92	5.45	5.58	4.77	5.28
Up	ENSMUSG00000021313	1.26	7.62E-76	Ryr2	protein_coding	11.27	11.22	11.16	11.15	12.46	12.44	12.39	12.53
Down	ENSMUSG00000020932	-2.57	9.85E-76	Gfap	protein_coding	10.78	10.54	10.82	10.48	8.48	7.46	7.94	8.36
Up	ENSMUSG00000051910	1.40	1.20E-75	Sox6	protein_coding	7.85	7.86	7.75	7.86	9.19	9.22	9.16	9.27
Up	ENSMUSG00000023960	1.31	3.77E-75	Enpp5	protein_coding	9.54	9.58	9.41	9.47	10.85	10.84	10.82	10.71
Up	ENSMUSG00000021708	1.49	5.01E-75	Rasgrf2	protein_coding	9.13	9.20	9.07	9.11	10.59	10.66	10.67	10.55
Up	ENSMUSG00000022523	1.59	5.95E-75	Fgf12	protein_coding	9.77	9.98	9.70	10.01	11.41	11.51	11.52	11.40
Down	ENSMUSG00000028527	-3.13	7.27E-75	Ak4	protein_coding	8.29	8.22	8.15	8.51	5.12	5.89	4.63	5.29
Down	ENSMUSG00000035805	-2.60	1.16E-74	Mic1	protein_coding	8.62	8.65	8.60	8.65	6.14	5.69	5.91	6.53
Down	ENSMUSG00000097789	-2.42	1.33E-74	Gm2115	protein_coding	11.10	10.69	10.87	10.59	8.59	8.56	8.37	8.11
Down	ENSMUSG00000068735	-2.11	1.39E-74	Trp53i1	protein_coding	8.79	8.77	8.68	8.76	6.42	7.07	6.59	6.56
Up	ENSMUSG00000008489	1.66	1.56E-74	Elavl2	protein_coding	8.60	8.90	8.59	8.64	10.41	10.31	10.25	10.25
Down	ENSMUSG00000019849	-1.22	2.01E-74	Wwv1	protein_coding	9.47	9.38	9.41	9.51	8.31	8.28	8.13	8.13
Down	ENSMUSG00000039982	-1.43	2.55E-74	Dp4	protein_coding	8.91	8.90	8.89	8.95	7.61	7.42	7.42	7.42
Down	ENSMUSG00000024238	-1.54	4.12E-74	Zeb1	protein_coding	9.94	10.02	9.97	10.05	8.61	8.23	8.59	8.40
Down	ENSMUSG00000027737	-2.89	7.50E-74	Slc7a11	protein_coding	7.89	8.23	8.00	8.48	5.22	4.92	5.49	5.84
Up	ENSMUSG00000027965	1.78	7.86E-74	Olfm3	protein_coding	7.04	7.25	6.99	7.37	8.94	9.03	8.87	8.85
Down	ENSMUSG00000039747	-2.22	9.70E-74	Orai2	protein_coding	9.75	9.59	9.98	9.49	7.34	7.64	7.79	7.24
Up	ENSMUSG00000026179	1.40	1.14E-73	Pnk4	protein_coding	9.72	9.59	9.48	9.38	10.98	11.02	10.95	10.79
Up	ENSMUSG00000040907	1.68	1.38E-73	Alp1a3	protein_coding	13.14	12.92	12.96	12.80	14.75	14.56	14.78	14.44
Down	ENSMUSG00000006304	-1.24	4.08E-73	Arpc2	protein_coding	10.58	10.44	10.57	10.33	9.18	9.23	9.21	9.36
Down	ENSMUSG00000052942	-2.67	6.37E-73	Glis3	protein_coding	8.34	8.11	8.22	8.16	5.27	5.88	5.58	5.76
Down	ENSMUSG00000008475	-1.85	9.41E-73	Arpc5	protein_coding	9.48	9.36	9.42	9.24	7.73	7.53	7.71	7.71
Up	ENSMUSG00000027284	1.28	1.40E-72	Cdan1	protein_coding	9.79	9.58	9.62	9.65	10.95	10.97	10.96	10.84
Down	ENSMUSG00000027777	-1.29	1.61E-72	Schp1	protein_coding	10.55	10.50	10.63	10.44	9.34	9.12	9.28	9.22
Down	ENSMUSG00000024411	-2.68	9.55E-72	Aqp4	protein_coding	9.55	9.65	9.47	9.52	6.50	6.80	6.57	6.57
Up	ENSMUSG00000030058	1.30	2.02E-72	C30	protein_coding	9.81	9.70	9.81	9.73	11.11	11.08	11.02	10.87
Up	ENSMUSG00000034295	1.80	6.69E-72	Fhod3	protein_coding	7.21	7.58	7.11	7.30	8.86	9.12	9.28	9.04
Down	ENSMUSG00000030067	-1.46	7.88E-72	Foxp1	protein_coding	9.67	9.72	9.67	9.67	8.14	8.43	8.14	8.36
Down	ENSMUSG00000035268	-1.78	1.11E-71	Pkig	protein_coding	9.02	8.81	8.95	8.79	6.81	7.36	7.23	7.12
Up	ENSMUSG00000033063	2.55	1.25E-71	Cntnap3	protein_coding	5.79	5.82	5.58	5.99	8.06	8.37	8.13	8.40
Up	ENSMUSG00000062373	1.51	1.79E-71	Tmem65	protein_coding	8.70	8.71	8.71	8.89	10.12	10.43	10.29	10.18
Up	ENSMUSG00000039050	1.21	2.35E-71	Osbpl2	protein_coding	8.45	8.40	8.31	8.55	9.60	9.61	9.61	9.63
Up	ENSMUSG00000022307	1.26	4.78E-71	Oxr1	protein_coding	11.10	11.17	11.00	10.96	12.37	12.33	12.45	12.10
Up	ENSMUSG00000020361	1.09	5.46E-71	Hspa4	protein_coding	10.31	10.11	10.18	10.11	11.34	11.21	11.36	11.17
Down	ENSMUSG00000000531	-2.13	1.47E-70	Grasp	protein_coding	7.78	7.82	8.11	7.74	5.58	5.70	6.00	5.97
Down	ENSMUSG00000058589	-1.01	2.34E-70	Anks1b	protein_coding	11.31	11.39	11.31	11.28	10.17	10.36	10.36	10.35
Down	ENSMUSG00000025931	-1.50	2.89E-70	Paqr6	protein_coding	10.05	9.91	9.78	9.76	8.54	8.47	8.37	8.16
Down	ENSMUSG00000026077	-1.66	2.94E-70	Npas2	protein_coding	8.64	8.78	8.67	8.48	7.05	6.87	7.18	6.97
Up	ENSMUSG00000025428	1.35	3.70E-70	Alp5a1	protein_coding	11.31	11.28	11.30	12.61	12.59	12.61	12.59	12.53
Down	ENSMUSG00000028782	-1.32	3.71E-70	Adgrb2	protein_coding	11.38	11.28	11.43	11.14	9.86	9.95	10.00	10.15
Up	ENSMUSG00000062309	2.97	4.86E-70	Rpp25	protein_coding	5.60	5.80	5.63	5.66	8.53	8.61	8.38	8.61
Up	ENSMUSG00000021699	1.09	4.86E-70	Pde4d	protein_coding	8.58	8.76	8.60	8.69	9.64	9.79	9.78	9.75
Down	ENSMUSG00000032564	-2.17	7.93E-70	Cpne4	protein_coding	9.07	9.02	9.20	8.98	6.64	7.12	7.08	6.85
Down	ENSMUSG00000027895	-1.31	1.03E-69	Kcnc4	protein_coding	8.66	8.75	8.75	8.58	7.35	7.33	7.44	7.47
Down	ENSMUSG00000033377	-2.36	2.71E-69	Palmd	protein_coding	7.71	7.84	7.71	7.90	5.06	5.73	5.70	5.71
Down	ENSMUSG00000020577	-1.56	3.31E-69	Tspan13	protein_coding	10.22	10.23	10.15	10.20	8.55	8.78	8.62	8.62
Down	ENSMUSG00000019929	-4.24	3.75E-69	Dcn	protein_coding	7.67	7.67	7.16	8.02	3.92	3.11	4.04	4.17
Up	ENSMUSG00000039257	1.51	4.06E-69	Vstm2b	protein_coding	8.04	7.90	7.95	8.00	9.46	9.66	9.41	9.31
Down	ENSMUSG00000019467	-1.72	4.75E-69	Arhgef25	protein_coding	10.77	10.87	10.87	10.49	9.04	8.85	9.09	8.99
Up	ENSMUSG00000002984	1.45	5.26E-69	Torm40	protein_coding	8.11	7.95	8.02	7.89	9.41	9.45	9.57	9.29
Up	ENSMUSG00000027581	1.39	5.57E-69	Slmn3	protein_coding	10.72	10.69	10.67	10.61	12.11	11.97	12.18	11.95
Up	ENSMUSG00000025964	1.10	5.65E-69	Adam23	protein_coding	9.99	10.07	10.15	10.12	11.16	11.17	11.34	11.04
Up	ENSMUSG00000009516	1.17	6.53E-69	Prtcd2	protein_coding	9.16	9.09	9.04	9.23	10.37	10.29	10.35	10.20
Up	ENSMUSG00000054793	1.39	9.15E-69	Cadm4	protein_coding	9.49	9.45	9.42	9.47	10.88	10.66	10.96	10.85
Down	ENSMUSG00000036856	-3.59	1.03E-68	Wnt4	protein_coding	6.45	6.95	6.54	6.57	3.55	3.77	3.30	3.66
Down	ENSMUSG00000049281	-1.33	1.03E-68	Scn3b	protein_coding	10.37	10.28	10.30	10.17	8.84	9.05	8.98	8.95
Up	ENSMUSG00000020262	1.44	1.87E-68	Adarb1	protein_coding	10.56	10.44	10.42	10.27	11.92	11.99	11.90	11.63
Down	ENSMUSG00000057841	-1.70	2.28E-68	Rpl32	protein_coding	9.85	9.76	9.64	9.78	8.15	8.35	8.30	7.92
Up	ENSMUSG00000023328	1.80	3.17E-68	Ache	protein_coding	7.39	7.46	7.36	7.38	9.11	9.10	9.31	9.18
Up	ENSMUSG00000042734	1.41	3.85E-68	Ttc9	protein_coding	8.98	9.07	8.93	9.06	10.33	10.45	10.56	10.30
Up	ENSMUSG00000045932	2.07	7.30E-68	lft2	protein_coding	6.23	6.39	6.30	6.35	8.38	8.23	8.50	8.22
Up	ENSMUSG00000038077	1.45	7.40E-68	Kcna6	protein_coding	8.82	8.67	8.44	8.45	10.11	10.05	10.03	9.97
Down	ENSMUSG00000023927	1.29	8.64E-68	Satb1	protein_coding	10.24	10.38	10.25	10.10	11.49	11.67	11.54	11.40
Down	ENSMUSG00000026827	-1.50	1.22E-67	Gp2	protein_coding	9.70	9.76	9.71	9.72	8.29	8.08	8.37	8.20
Down	ENSMUSG00000029448	-2.68	1.54E-67	Dab2b	protein_coding	9.70	9.68	9.42	9.38	9.42	9.63	9.76	9.68
Up	ENSMUSG000000096576	1.59	1.75E-67	Dc3a3	protein_coding	9.00	9.00	8.86	8.90	10.64	10.58	10.48	10.38
Up	ENSMUSG00000041351	1.60	2.25E-67	Rap1gap	protein_coding	9.57	9.42	9.37	9.09	9.96	11.03	11.05	10.78
Up	ENSMUSG00000066036	1.69	2.61E-67	Ubr4	protein_coding	10.66	10.54	10.40	10.40	12.30	12.20	11.96	12.27
Up	ENSMUSG00000034403	1.11	3.87E-67	Pja1	protein_coding	9.59	9.71	9.59	9.54	10.68	10.76	10.77	10.64
Up	ENSMUSG00000039419	1.41	2.48E-66	Cntnap2	protein_coding	9.14	8.85	8.92	9.09	10.32	10.35	10.53	10.41
Down	ENSMUSG00000015755	-1.57	4.51E-66	Tab2	protein_coding	9.55	9.49	9.72	9.60	8.15	7.90	7.81	8.25
Up	ENSMUSG00000068615	3.16	5.35E-66	Gjd2	protein_coding	4.91	4.77	5.00	5.31	7.82	7.92	8.30	7.95
Up	ENSMUSG00000040276	1.25	5.99E-66	Pacsin1	protein_coding	11.03	10.87	10.99	10.76	12.17	12.17	12.32	11.98
Up	ENSMUSG00000034958	1.24	7.27E-66	Atcay	protein_coding	10.02	10.15	9.92	9.89	11.30	11.32	11.25	11.07
Down	ENSMUSG00000052889	-1.31	7.52E-66	Prkcb	protein_coding	11.73	11.75	11.80	11.84	10.34	10.57	10.29	10.32
Down	ENSMUSG00000060548	-2.29	9.82E-66	Tnfrsf19	protein_coding	7.95	8.05	7.94	7.80	5.81	5.32	5.58	6.12
Up	ENSMUSG00000029992	1.24	3.14E-65	Gp1t	protein_coding	8.84	8.90	8.77	8.92	10.08	10.19	10.19	9.89
Up	ENSMUSG00000051022	1.79	5.58E-65	Hs3st1	protein_coding	6.88	6.96	6.88	7.10	8.65	8.82	8.80</	

Up	ENSMUSG00000004637	1.90	1.47E-64	Wwox	protein_coding	6.86	7.05	6.94	6.93	8.89	8.63	8.96	8.75
Up	ENSMUSG000000030451	1.28	1.74E-64	Herc2	protein_coding	10.65	10.58	10.55	10.49	11.84	11.89	11.71	11.92
Down	ENSMUSG000000048458	-3.65	1.92E-64	Inka2	protein_coding	9.36	9.26	9.46	9.31	6.29	4.64	5.97	5.81
Down	ENSMUSG000000038607	-2.32	1.95E-64	Gng10	protein_coding	7.77	7.74	7.84	7.01	7.99	5.79	5.61	5.39
Down	ENSMUSG000000046215	-3.06	3.58E-64	Rprml	protein_coding	7.74	7.40	8.01	7.52	4.88	5.02	4.69	4.33
Down	ENSMUSG000000043439	-2.51	6.10E-64	Eppp	protein_coding	8.53	8.24	8.39	8.06	5.54	6.22	5.60	6.07
Up	ENSMUSG000000059830	2.27	1.15E-63	Vwv2	protein_coding	5.81	5.59	5.75	5.42	8.41	8.33	8.23	8.33
Up	ENSMUSG000000063626	2.04	1.42E-63	Unc5d	protein_coding	7.81	8.10	7.98	7.98	8.46	9.92	10.25	10.15
Up	ENSMUSG000000058006	1.77	1.70E-63	Mdn1	protein_coding	9.14	9.32	9.35	9.48	11.09	11.09	10.80	11.32
Up	ENSMUSG000000040724	1.15	1.96E-63	Kcna2	protein_coding	11.11	11.09	10.95	10.93	12.23	12.17	12.28	12.00
Up	ENSMUSG000000027950	1.36	3.19E-63	Chrb2	protein_coding	8.60	8.76	8.66	8.57	10.05	10.00	10.08	9.84
Down	ENSMUSG000000026158	-1.05	3.21E-63	Ogfr1	protein_coding	10.91	10.95	10.88	10.90	9.84	9.85	9.95	9.83
Down	ENSMUSG000000055675	-1.31	4.61E-63	Kbtbd11	protein_coding	10.40	10.31	10.42	10.23	8.99	9.21	8.87	9.06
Up	ENSMUSG000000034813	1.54	4.84E-63	Grip1	protein_coding	7.78	7.62	7.64	7.58	9.15	9.26	9.22	9.05
Up	ENSMUSG000000033910	1.56	4.94E-63	Gucy1a1	protein_coding	7.56	7.84	7.41	7.91	9.10	9.31	9.25	9.27
Down	ENSMUSG000000039156	-1.45	4.94E-63	Stim2	protein_coding	9.76	9.82	9.67	9.61	8.50	8.13	8.12	8.32
Down	ENSMUSG000000024608	-1.69	5.13E-63	Rps14	protein_coding	9.82	9.64	9.60	9.73	8.03	8.10	8.03	7.93
Down	ENSMUSG000000020684	-1.37	7.57E-63	Ras10b	protein_coding	10.85	10.69	10.83	10.64	9.58	9.36	9.36	9.26
Up	ENSMUSG000000032172	1.87	9.97E-63	Olfm2	protein_coding	7.80	7.80	7.69	7.81	9.63	9.58	9.55	9.51
Up	ENSMUSG000000021190	1.21	1.04E-62	Lgmh	protein_coding	8.28	8.24	8.22	8.19	9.50	9.46	9.42	9.36
Down	ENSMUSG000000028033	-1.21	1.59E-62	Kcnc5	protein_coding	9.13	9.24	9.28	9.06	7.89	7.91	8.03	8.07
Down	ENSMUSG000000009406	-1.78	1.92E-62	Elk1	protein_coding	9.35	9.34	9.30	9.10	7.39	7.51	7.67	7.49
Up	ENSMUSG000000051343	1.44	2.24E-62	Rab11fp5	protein_coding	8.88	8.89	8.92	8.71	10.32	10.35	10.31	10.13
Down	ENSMUSG000000037362	-3.49	2.38E-62	Ccn3	protein_coding	9.42	9.46	9.29	9.51	5.90	6.13	6.30	5.66
Down	ENSMUSG000000000861	-1.41	2.74E-62	Bcl11a	protein_coding	9.92	9.93	9.86	9.82	8.63	8.64	8.12	8.48
Up	ENSMUSG000000024587	1.16	2.90E-62	Nars	protein_coding	9.39	9.44	9.46	9.38	10.59	10.58	10.70	10.42
Up	ENSMUSG000000025968	1.33	1.32E-61	Ndufs1	protein_coding	8.87	8.89	8.92	8.97	10.32	10.29	10.23	10.11
Up	ENSMUSG000000039652	1.18	1.39E-61	Cpeb3	protein_coding	9.37	9.41	9.32	9.24	10.59	10.48	10.64	10.33
Down	ENSMUSG000000051339	-1.98	4.10E-61	2900026A02Rik	protein_coding	9.62	9.29	9.45	9.03	7.75	7.10	7.28	7.42
Down	ENSMUSG000000037126	-1.72	5.42E-61	Psd	protein_coding	11.41	11.22	11.36	11.20	9.59	9.74	9.29	9.67
Down	ENSMUSG000000000740	-1.53	5.60E-61	Rpl13	protein_coding	10.64	10.44	10.56	10.61	9.06	8.96	9.13	9.01
Down	ENSMUSG000000092345	-1.95	6.92E-61	Gm20503	protein_coding	7.76	7.78	7.93	7.93	5.90	6.03	5.97	5.98
Down	ENSMUSG000000022926	-1.50	1.04E-60	Camkv	protein_coding	11.29	11.27	11.23	11.16	9.69	9.67	9.93	9.46
Down	ENSMUSG000000074505	-1.19	1.17E-60	Fat2	protein_coding	11.22	11.22	11.22	11.04	9.89	10.02	10.11	9.87
Down	ENSMUSG000000024873	-1.59	1.62E-60	Cnih2	protein_coding	11.09	10.88	11.03	10.77	9.35	9.53	9.16	9.39
Up	ENSMUSG000000005583	1.47	1.70E-60	Mef2c	protein_coding	10.14	10.41	10.03	10.34	11.72	11.76	11.70	11.64
Down	ENSMUSG000000062151	-1.75	2.01E-60	Unc13c	protein_coding	8.36	8.53	8.51	8.69	6.53	6.92	7.06	6.71
Up	ENSMUSG000000060240	1.68	2.41E-60	Cend1	protein_coding	10.14	10.12	10.17	10.07	11.73	11.84	11.93	11.69
Down	ENSMUSG000000045733	-1.39	3.61E-60	Sprm	protein_coding	10.00	10.05	10.15	10.06	8.63	8.74	8.69	8.69
Down	ENSMUSG000000059852	-2.69	4.88E-60	Keng2	protein_coding	7.34	7.39	7.58	7.26	4.95	5.07	4.40	5.26
Up	ENSMUSG000000019210	1.10	5.90E-60	Atp6v1e1	protein_coding	9.94	9.80	9.93	9.97	11.13	10.96	11.10	10.84
Down	ENSMUSG000000037541	-1.23	6.88E-60	Shank2	protein_coding	10.76	10.60	10.65	10.55	9.53	9.37	9.39	9.32
Down	ENSMUSG000000023886	-2.96	7.22E-60	Smoc2	protein_coding	6.97	6.95	7.09	7.02	4.28	4.37	3.71	4.74
Down	ENSMUSG000000000296	-2.26	7.81E-60	Tpd521l	protein_coding	7.54	7.55	7.39	7.63	5.50	5.51	5.05	5.43
Down	ENSMUSG000000041577	-3.41	8.00E-60	Prep	protein_coding	8.09	7.82	7.21	8.02	4.47	4.60	4.22	5.17
Down	ENSMUSG000000026234	-1.62	9.16E-60	Rps20	protein_coding	9.70	9.71	9.61	9.73	8.21	8.09	7.99	8.03
Down	ENSMUSG000000022132	-3.11	1.19E-59	Cldn10	protein_coding	7.02	7.01	7.06	6.99	4.31	4.48	3.67	4.25
Down	ENSMUSG000000059784	-1.43	1.25E-59	Gm25602	protein_coding	8.53	8.55	8.57	8.46	7.27	7.06	7.15	7.00
Down	ENSMUSG000000063015	-1.16	1.99E-59	Ccni	protein_coding	10.89	10.82	10.77	10.76	9.51	9.82	9.68	9.56
Up	ENSMUSG000000026305	1.16	2.67E-59	Lrrfip1	protein_coding	8.51	8.63	8.62	8.47	9.78	9.71	9.79	9.56
Up	ENSMUSG000000012770	1.52	3.08E-59	Ckb	protein_coding	11.05	10.92	11.00	10.77	12.51	12.38	12.57	12.36
Up	ENSMUSG000000026825	1.25	3.61E-59	Dnm1	protein_coding	12.46	12.43	12.41	12.18	13.57	13.69	13.75	13.47
Up	ENSMUSG000000027859	3.62	4.02E-59	Ngf	protein_coding	4.51	4.37	4.47	4.60	7.92	8.05	7.55	7.50
Up	ENSMUSG000000020949	1.01	4.11E-59	Fkbp3	protein_coding	9.31	9.46	9.45	9.47	10.33	10.52	10.48	10.39
Down	ENSMUSG000000032418	-1.92	4.97E-59	Me1	protein_coding	8.65	8.72	8.61	8.70	6.72	7.19	6.38	6.76
Down	ENSMUSG000000045318	-1.87	5.57E-59	Adra2c	protein_coding	7.10	7.02	7.09	7.02	5.23	5.34	5.35	5.25
Up	ENSMUSG000000024990	3.29	1.13E-58	Rbp4	protein_coding	5.21	5.44	4.68	5.20	8.23	8.14	8.71	8.11
Up	ENSMUSG000000038453	1.03	1.19E-58	Scrn1	protein_coding	10.82	10.78	10.79	10.74	11.86	11.78	11.88	11.72
Up	ENSMUSG000000046385	1.76	1.27E-58	Scrl1	protein_coding	9.65	9.43	9.50	9.24	11.24	11.24	11.43	10.93
Up	ENSMUSG000000039057	2.33	1.41E-58	Mlyo16	protein_coding	7.77	7.72	7.69	7.76	9.87	10.09	10.23	9.95
Up	ENSMUSG000000024063	1.94	1.51E-58	Lbh	protein_coding	7.94	8.01	7.94	7.76	9.96	9.85	9.98	9.53
Up	ENSMUSG000000037487	1.23	2.16E-58	Ubr5	protein_coding	10.03	10.07	9.86	9.98	11.35	11.09	11.22	11.18
Down	ENSMUSG000000040125	-1.81	2.36E-58	Gpr26	protein_coding	10.54	10.69	10.50	10.40	8.40	9.07	8.49	8.89
Down	ENSMUSG000000025651	-1.44	3.40E-58	Uqcr1	protein_coding	9.36	9.32	9.45	9.36	10.76	10.76	10.93	10.66
Down	ENSMUSG000000022656	-1.84	3.40E-58	Nectin3	protein_coding	7.98	8.37	8.29	8.22	6.43	6.41	6.20	6.65
Down	ENSMUSG000000020950	-1.35	3.58E-58	Foxg1	protein_coding	10.03	10.09	10.02	9.90	8.86	8.88	8.41	8.77
Down	ENSMUSG000000000567	-2.85	4.46E-58	Sox9	protein_coding	8.36	8.37	8.13	8.54	5.65	5.13	5.08	6.26
Down	ENSMUSG000000031605	-1.47	5.17E-58	Klh2	protein_coding	11.12	11.07	11.02	10.93	9.70	9.42	9.38	9.75
Up	ENSMUSG000000022477	1.01	5.98E-58	Aco2	protein_coding	10.55	10.42	10.51	10.31	11.46	11.48	11.57	11.32
Up	ENSMUSG000000032279	1.24	9.74E-58	ldh3a	protein_coding	10.22	10.20	10.22	10.10	11.47	11.47	11.44	11.31
Down	ENSMUSG000000038807	-1.18	1.26E-57	Rap1gap2	protein_coding	10.01	9.92	9.89	9.87	8.76	8.68	8.76	8.70
Down	ENSMUSG000000041453	-1.04	1.27E-57	Rpl21	protein_coding	11.38	11.34	11.32	11.39	10.31	10.39	10.30	10.30
Down	ENSMUSG000000031761	-2.81	1.41E-57	Smc	protein_coding	7.51	7.51	7.02	7.36	4.83	4.84	4.45	4.95
Down	ENSMUSG000000044161	-1.61	1.41E-57	Foxo1	protein_coding	8.21	8.09	8.07	8.04	6.43	6.20	6.64	6.62
Down	ENSMUSG000000006476	-1.41	1.56E-57	Nsmf	protein_coding	11.89	11.68	11.84	11.56	10.37	10.50	10.28	10.17
Up	ENSMUSG000000036815	1.76	1.62E-57	Dpp10	protein_coding	8.55	8.72	8.48	9.02	10.20	10.61	10.48	10.52
Down	ENSMUSG000000044164	-3.04	1.82E-57	Rnf182	protein_coding	7.33	7.35	7.24	7.24	4.47	4.42	4.47	4.66
Up	ENSMUSG000000020664	1.11	3.06E-57	Dld	protein_coding	8.90	8.95	8.98	8.98	10.02	10.10	10.20	9.87
Down	ENSMUSG000000030428	-1.52	4.23E-57	Ttyh1	protein_coding	11.21	11.07	11.06	11.02	9.84	9.52	9.35	9.53
Down	ENSMUSG000000047215	-1.19	5.26E-57	Rpl9	protein_coding	10.14	10.09	9.97	10.07	8.86	8.89	8.96	8.84
Up	ENSMUSG000000102697	1.51	5.51E-57	Pcdhac2	protein_coding	9.61	9.44	9.49	9.27	10.91	11.08	10.96	10.77
Up	ENSMUSG000000025266	1.12	7.07E-57	Gnl3l	protein_coding	10.00	10.24	9.99	10.21	11.12	11.26	11.29	11.26
Up	ENSMUSG000000020456	1.10	8.81E-57	Ogdh	protein_coding	10.12	9.97	10.00	9.93	11.03	11.17	11.22	10.97
Down	ENSMUSG000000038400	-1.75	1.25E-56	Pmepa1	protein_coding	8.10	8.04	8.02	8.17	6.20	6.14	6.33	6.76
Down	ENSMUSG000000032773	-1.41	1.28E-56	Chrm1	protein_coding	10.46	10.30	10.40	10.18	9.12	8.90	8.91	8.77
Up	ENSMUSG000000062785	1.42	1.64E										

Up	ENSMUSG00000041020	1.26	2.66E-56	Map7d2	protein_coding	10.57	10.42	10.47	10.28	11.77	11.64	11.83	11.54
Up	ENSMUSG00000005716	3.68	2.95E-56	Pvalb	protein_coding	7.83	7.67	7.83	7.31	11.38	11.46	11.46	10.95
Up	ENSMUSG00000015981	1.36	4.47E-56	Sik32c	protein_coding	8.85	8.91	9.07	8.87	10.29	10.38	10.37	10.07
Down	ENSMUSG000000038538	-1.06	7.08E-56	Ubn2	protein_coding	10.08	10.13	10.12	10.15	9.12	8.81	9.10	9.20
Up	ENSMUSG000000032238	1.30	7.23E-56	Rora	protein_coding	9.01	9.01	9.15	9.25	10.27	10.42	10.63	10.26
Up	ENSMUSG000000062070	1.17	1.03E-55	Pgk1	protein_coding	9.24	9.24	9.40	9.21	10.35	10.47	10.60	10.33
Up	ENSMUSG000000021288	1.00	1.12E-55	Klf1	protein_coding	11.78	11.72	11.22	11.65	12.73	12.71	12.58	12.58
Down	ENSMUSG000000027210	-3.17	2.04E-55	Meis2	protein_coding	9.14	9.21	9.05	9.26	5.40	6.26	6.16	6.31
Up	ENSMUSG000000020917	1.28	2.07E-55	Acly	protein_coding	8.74	8.86	8.73	8.84	10.09	9.93	10.22	10.00
Down	ENSMUSG000000034818	-1.41	2.34E-55	Celf5	protein_coding	10.85	10.93	11.05	10.91	9.50	9.67	9.38	9.56
Down	ENSMUSG000000003352	-1.03	3.06E-55	Cacnb3	protein_coding	10.37	10.35	10.38	10.31	9.30	9.38	9.29	9.32
Up	ENSMUSG000000039384	2.39	3.31E-55	Dusp10	protein_coding	5.82	5.93	5.59	5.38	8.14	8.10	8.02	7.66
Down	ENSMUSG000000036760	-2.10	4.06E-55	Kenk9	protein_coding	8.55	8.42	8.70	8.53	6.12	6.17	6.41	7.07
Down	ENSMUSG000000026678	-3.29	4.12E-55	Rgs5	protein_coding	7.90	7.92	7.88	7.82	4.42	4.04	4.95	5.38
Up	ENSMUSG000000042671	1.41	7.21E-55	Rgs8	protein_coding	9.39	9.25	9.39	9.12	10.70	10.70	10.92	10.43
Up	ENSMUSG000000070287	2.08	7.75E-55	Slc35g2	protein_coding	6.10	5.96	6.02	5.88	7.96	8.02	8.11	7.88
Up	ENSMUSG000000031529	1.54	9.16E-55	Tnks	protein_coding	9.69	9.62	9.59	9.57	11.11	11.34	11.10	11.04
Up	ENSMUSG000000036622	1.48	1.10E-54	Atp13a2	protein_coding	9.19	9.04	9.15	9.09	10.65	10.54	10.70	10.45
Down	ENSMUSG000000058193	-2.44	1.19E-54	Gstm1	protein_coding	9.75	9.73	9.49	9.47	7.33	7.70	6.43	7.09
Down	ENSMUSG000000015771	-2.20	1.26E-54	Selenow	protein_coding	12.04	11.93	12.09	11.94	9.86	9.90	9.84	9.61
Up	ENSMUSG000000037419	1.52	1.50E-54	Endod1	protein_coding	9.66	9.54	9.40	9.47	11.18	10.93	11.16	10.86
Up	ENSMUSG000000072966	1.44	1.50E-54	Gprasp2	protein_coding	8.50	8.54	8.25	8.33	9.92	9.82	9.99	9.61
Down	ENSMUSG000000045608	-3.58	1.74E-54	Dbx2	protein_coding	6.53	6.85	6.81	6.74	2.57	3.69	4.16	3.64
Up	ENSMUSG000000037426	1.21	1.81E-54	Depdc5	protein_coding	8.67	8.71	8.62	8.48	9.81	9.71	9.99	9.75
Up	ENSMUSG000000011752	1.22	2.90E-54	Pgam1	protein_coding	8.98	8.80	8.95	8.78	10.03	10.08	10.23	10.02
Up	ENSMUSG000000020524	1.09	3.64E-54	Gria1	protein_coding	12.75	12.60	12.73	12.54	13.75	13.79	13.80	13.62
Down	ENSMUSG000000027419	-1.27	3.65E-54	Pcsk2	protein_coding	9.99	9.99	9.87	9.85	8.57	8.77	8.55	8.77
Down	ENSMUSG000000007682	-3.80	5.10E-54	Dio2	protein_coding	8.95	8.95	9.05	8.90	5.67	4.68	4.61	5.85
Down	ENSMUSG000000047409	-1.73	5.40E-54	Ctdspl	protein_coding	7.71	7.65	7.86	7.76	5.90	5.89	6.25	6.23
Up	ENSMUSG000000020189	1.05	6.27E-54	Ospl8	protein_coding	9.32	9.46	9.35	9.52	10.35	10.57	10.50	10.39
Up	ENSMUSG000000042105	1.02	6.31E-54	Inpp5f	protein_coding	9.49	9.55	9.63	9.61	10.58	10.55	10.74	10.49
Down	ENSMUSG000000090733	-2.11	9.14E-54	Rps27	protein_coding	9.48	9.34	9.33	9.59	7.53	7.47	6.94	7.43
Up	ENSMUSG000000018665	1.75	1.26E-53	Pngp	protein_coding	6.78	6.98	7.19	6.73	9.82	8.65	8.73	8.85
Up	ENSMUSG000000019113	1.62	1.50E-53	Onghl	protein_coding	8.59	8.59	8.41	8.08	9.93	9.76	10.05	10.11
Up	ENSMUSG000000026748	1.19	1.56E-53	Pfkfb2	protein_coding	8.34	8.48	8.34	8.62	9.71	9.69	9.55	9.56
Up	ENSMUSG000000027963	1.32	2.44E-53	Extl2	protein_coding	8.56	8.51	8.44	8.52	9.76	10.00	9.87	9.63
Up	ENSMUSG000000047959	2.19	2.66E-53	Kcna3	protein_coding	6.06	6.09	6.39	6.23	8.47	8.34	8.24	8.24
Up	ENSMUSG000000041263	1.42	3.01E-53	Rusc1	protein_coding	8.67	8.54	8.53	8.34	9.80	9.99	10.11	9.84
Up	ENSMUSG000000018865	1.10	4.46E-53	Sult4a1	protein_coding	10.48	10.44	10.62	10.35	11.52	11.57	11.74	11.45
Down	ENSMUSG0000000033676	-1.21	4.68E-53	Gabbr3	protein_coding	11.25	11.35	11.31	11.40	9.89	10.19	10.16	10.22
Down	ENSMUSG000000030605	-2.63	4.96E-53	Mlge8	protein_coding	8.74	8.59	8.55	8.59	6.14	6.17	5.61	6.26
Down	ENSMUSG000000026112	-1.30	5.92E-53	Coa5	protein_coding	9.40	9.40	9.30	9.39	8.02	8.26	8.03	8.03
Down	ENSMUSG0000000068037	-3.17	6.86E-53	Mas1	protein_coding	7.18	6.87	6.98	7.04	3.35	4.44	4.45	4.17
Down	ENSMUSG000000026941	-2.64	7.20E-53	Fibcd1	protein_coding	8.85	8.70	8.72	8.50	5.33	6.19	6.48	6.28
Up	ENSMUSG000000025192	1.44	1.12E-52	Entpd7	protein_coding	7.21	7.19	7.19	7.30	7.18	8.75	8.59	8.40
Up	ENSMUSG000000040811	1.56	1.19E-52	Emi2	protein_coding	8.92	8.90	9.21	9.05	10.55	10.42	10.74	10.57
Down	ENSMUSG000000022423	-1.13	1.20E-52	Impact	protein_coding	10.24	10.36	10.15	10.31	11.22	11.51	11.46	11.39
Up	ENSMUSG0000000042687	1.13	1.41E-52	Eno2	protein_coding	11.29	11.17	11.20	11.14	12.35	12.45	12.35	12.17
Down	ENSMUSG000000016494	-3.15	1.59E-52	Cd34	protein_coding	7.44	7.58	7.22	7.14	3.73	4.51	4.59	4.77
Up	ENSMUSG000000036026	1.04	1.64E-52	Tmem63b	protein_coding	8.82	8.87	8.88	8.85	9.95	9.89	9.96	9.75
Up	ENSMUSG000000022415	1.22	1.73E-52	Syng1	protein_coding	10.98	11.04	11.02	10.88	12.21	12.12	12.40	12.03
Down	ENSMUSG000000003273	-1.09	1.73E-52	Car11	protein_coding	8.54	8.57	8.53	8.52	7.48	7.45	7.40	7.54
Up	ENSMUSG000000045246	3.46	1.78E-52	Keng4	protein_coding	5.42	4.97	5.00	4.87	8.66	8.32	8.50	7.91
Down	ENSMUSG000000056367	-1.26	1.93E-52	Actr3b	protein_coding	9.46	9.45	9.64	9.33	8.16	8.31	8.33	8.10
Down	ENSMUSG000000038175	-2.50	1.99E-52	Myliip	protein_coding	7.12	7.44	7.59	7.32	5.19	5.08	4.61	5.15
Down	ENSMUSG000000008575	-1.33	2.44E-52	Nfib	protein_coding	10.89	10.86	10.87	10.88	9.41	9.59	9.56	9.62
Up	ENSMUSG000000032220	1.77	4.16E-52	Myo1e	protein_coding	6.49	6.54	6.59	6.35	8.35	8.12	8.32	8.06
Down	ENSMUSG000000061731	-1.31	4.65E-52	Ext1	protein_coding	8.12	8.45	8.30	8.30	6.90	7.14	7.05	7.03
Up	ENSMUSG000000053965	1.66	4.73E-52	Pde5a	protein_coding	7.17	7.38	7.17	7.16	8.94	8.62	9.02	8.80
Up	ENSMUSG000000075410	2.57	6.91E-52	Prcd	protein_coding	6.26	6.14	6.14	5.82	6.11	8.62	8.61	8.42
Up	ENSMUSG000000021983	1.10	7.24E-52	Atp9a2	protein_coding	8.96	9.06	8.88	8.88	9.01	10.11	10.16	10.05
Down	ENSMUSG000000044067	-1.40	7.97E-52	Gpr22	protein_coding	9.76	9.95	9.98	9.78	8.23	8.45	8.59	8.61
Up	ENSMUSG000000041658	1.38	8.11E-52	Rragb	protein_coding	8.35	8.33	8.25	8.32	9.52	9.84	9.77	9.58
Up	ENSMUSG000000023032	1.23	8.31E-52	Slc4a8	protein_coding	9.29	9.28	9.28	9.20	10.54	10.59	10.66	10.25
Down	ENSMUSG000000009402	-2.27	8.89E-52	Slc25a18	protein_coding	7.65	7.61	7.89	7.73	5.56	5.45	5.36	5.80
Up	ENSMUSG000000061046	1.58	9.44E-52	Haghl	protein_coding	7.42	7.62	7.76	7.49	9.04	9.15	9.33	8.99
Down	ENSMUSG000000031765	-2.77	1.01E-51	Mt1	protein_coding	10.67	10.67	10.47	10.52	7.81	8.17	7.37	7.89
Down	ENSMUSG000000026424	-2.67	1.05E-51	Gpr371i	protein_coding	8.57	8.57	8.33	8.31	6.45	5.48	5.17	6.05
Down	ENSMUSG000000017390	-1.60	2.05E-51	Aldoc	protein_coding	11.36	11.30	11.11	11.14	9.52	9.53	9.82	9.47
Down	ENSMUSG000000022490	-1.43	2.18E-51	Ppp1r1a	protein_coding	9.08	9.01	9.30	9.01	7.78	7.66	7.86	7.40
Up	ENSMUSG000000017721	1.17	2.19E-51	Pigt	protein_coding	8.42	8.39	8.48	8.38	9.62	9.42	9.73	9.50
Down	ENSMUSG000000026090	-2.23	2.34E-51	2010300C02Rik	protein_coding	11.37	11.20	11.53	11.05	8.46	9.45	8.86	9.33
Up	ENSMUSG000000013593	1.44	2.49E-51	Ndufs2	protein_coding	9.62	9.58	9.49	9.58	10.91	10.99	11.12	10.88
Down	ENSMUSG000000063867	-1.12	3.38E-51	Nlgn1	protein_coding	9.68	9.70	8.63	8.67	8.46	8.54	8.63	8.60
Up	ENSMUSG000000031227	1.28	3.47E-51	Magee1	protein_coding	8.81	8.84	8.76	8.67	10.03	10.11	10.05	9.97
Down	ENSMUSG000000036578	-1.94	4.16E-51	Fxyd7	protein_coding	7.87	7.81	7.71	7.92	5.89	6.19	5.86	5.87
Down	ENSMUSG000000028351	-1.13	5.11E-51	Bnnp1	protein_coding	10.69	10.49	10.65	10.33	9.43	9.49	9.48	9.26
Down	ENSMUSG000000025422	-1.18	5.40E-51	Agap2	protein_coding	12.98	12.89	12.97	12.80	11.67	11.91	11.57	11.76
Down	ENSMUSG000000034892	-2.09	5.57E-51	Rps29	protein_coding	10.18	10.24	10.15	10.44	8.11	8.42	8.23	7.93
Up	ENSMUSG000000022629	1.06	8.91E-51	Kif21a	protein_coding	10.85	10.60	10.65	10.61	11.80	11.70	11.75	11.69
Down	ENSMUSG000000055320	-1.93	1.01E-50	Tead1	protein_coding	8.19	8.11	8.09	8.32	5.86	6.48	6.35	6.59
Down	ENSMUSG000000041120	-2.57	1.05E-50	Nbl1	protein_coding	8.12	8.13	8.56	7.96	5.71	6.07	5.24	5.80
Down	ENSMUSG000000024621	-1.56	1.10E-50	Csf1r	protein_coding	7.96	7.87	7.98	7.80	6.43	6.43	6.59	6.06
Down	ENSMUSG000000029212	-1.60	1.13E-50	Gabbr1	protein_coding	10.85	10.73	10.76	10.80	8.97	9.43	8.91	9.39
Up	ENSMUSG000000022442	1.42	1.39E-50	Tll1	protein_coding	7.61	7.74	7.71	7.74	9.13	9.19	9.06	9.06
Up	ENSMUSG000000030870	1.22	2.29E-50	Ubf1d	protein_coding	8.71	8.53	8.					

Down	ENSMUSG00000030500	-2.62	7.38E-50	Slc17a6	protein_coding	7.09	7.28	7.07	7.26	4.36	4.97	4.85	4.74
Down	ENSMUSG00000074575	-2.94	8.31E-50	Kcng1	protein_coding	8.28	8.21	8.04	8.44	4.66	5.81	4.97	5.90
Up	ENSMUSG00000039889	1.17	9.05E-50	Cbx4	protein_coding	8.06	8.19	8.26	8.15	9.28	9.28	9.30	9.26
Down	ENSMUSG000000038020	-1.06	9.12E-50	Rapgef1	protein_coding	10.14	10.10	10.11	9.98	9.07	9.14	8.87	9.01
Up	ENSMUSG00000005981	1.28	9.83E-50	Trap1	protein_coding	7.80	7.89	7.84	7.92	9.17	9.08	9.17	9.10
Up	ENSMUSG00000006218	3.49	1.24E-49	Fam131c	protein_coding	4.29	4.13	3.84	4.28	7.41	7.31	7.34	7.13
Down	ENSMUSG00000004568	-1.95	1.44E-49	Nhrp2	protein_coding	11.07	11.06	10.76	9.17	10.78	9.17	9.11	8.94
Down	ENSMUSG00000052534	-1.28	1.78E-49	Pbx1	protein_coding	10.42	10.51	10.23	10.40	9.09	8.95	9.25	9.25
Down	ENSMUSG00000040836	-1.81	1.96E-49	Gpr161	protein_coding	9.59	9.41	9.44	9.18	7.66	7.63	7.52	7.69
Down	ENSMUSG00000020733	-2.67	2.34E-49	Slc9a3r1	protein_coding	8.05	7.94	7.96	7.78	5.85	5.72	4.87	4.85
Up	ENSMUSG00000002900	1.28	2.45E-49	Lamb1	protein_coding	7.54	7.58	7.61	7.71	8.91	8.87	8.92	8.79
Up	ENSMUSG00000029309	1.12	2.48E-49	Sparcl1	protein_coding	12.40	12.42	12.35	12.25	13.53	13.46	13.58	13.31
Up	ENSMUSG00000019828	1.13	3.69E-49	Gm1	protein_coding	8.45	8.43	8.48	8.42	9.65	9.49	9.69	9.43
Down	ENSMUSG00000019437	-1.53	3.76E-49	Tlcl1	protein_coding	10.02	9.86	10.04	9.90	8.57	8.30	8.35	8.52
Down	ENSMUSG00000046523	-3.08	6.75E-49	Kctd4	protein_coding	8.30	8.32	8.51	8.61	5.47	4.66	5.34	6.11
Down	ENSMUSG00000032487	-2.40	7.63E-49	Ptgs2	protein_coding	7.07	6.86	6.99	6.73	4.82	4.51	4.59	4.88
Up	ENSMUSG00000027894	1.39	8.46E-49	Slc6a17	protein_coding	10.98	10.92	10.93	10.71	12.14	12.24	12.56	12.09
Up	ENSMUSG00000035864	1.01	9.10E-49	Syt1	protein_coding	12.98	12.99	12.85	12.80	13.88	13.97	14.00	13.80
Down	ENSMUSG000000061477	-1.23	1.03E-48	Rps7	protein_coding	10.42	10.35	10.41	10.47	9.39	9.08	9.10	9.15
Down	ENSMUSG000000022058	1.83	1.07E-48	Unc119	protein_coding	6.63	6.22	6.59	6.38	8.31	8.31	8.09	8.24
Up	ENSMUSG000000050545	1.12	1.07E-48	Chd5	protein_coding	10.75	10.68	10.65	10.56	11.84	11.78	11.82	11.67
Up	ENSMUSG000000056553	1.01	1.13E-48	Ptprn2	protein_coding	10.90	10.84	10.74	10.66	11.75	11.88	11.77	11.76
Up	ENSMUSG000000004085	1.75	1.17E-48	Map3k20	protein_coding	7.03	7.11	7.05	6.91	8.80	8.72	8.82	8.61
Up	ENSMUSG00000020089	1.17	1.58E-48	Ppa1	protein_coding	8.10	8.20	8.22	8.22	9.21	9.30	9.43	9.40
Up	ENSMUSG00000021974	1.37	1.62E-48	Fgf9	protein_coding	7.11	7.47	7.36	7.32	8.73	8.73	8.69	8.53
Down	ENSMUSG00000030753	-1.51	2.02E-48	Thap12	protein_coding	9.45	9.41	9.56	9.58	7.79	7.96	8.28	7.95
Down	ENSMUSG00000041324	-2.49	2.04E-48	Inhba	protein_coding	6.78	6.46	6.46	6.41	4.03	4.44	4.59	4.28
Down	ENSMUSG00000048218	-2.20	2.07E-48	Amigo2	protein_coding	7.34	7.23	7.36	7.39	5.46	5.28	5.17	5.10
Down	ENSMUSG00000037235	-1.14	2.19E-48	Mxd4	protein_coding	9.14	9.05	8.96	9.04	8.02	7.97	7.70	7.97
Up	ENSMUSG00000039910	1.92	3.24E-48	Cited2	protein_coding	7.27	7.32	7.32	7.25	6.98	8.89	9.33	9.14
Down	ENSMUSG00000032532	-1.44	3.78E-48	Cck	protein_coding	10.32	10.23	10.45	10.20	8.77	9.03	8.99	8.66
Up	ENSMUSG00000022636	1.10	3.99E-48	Alcam	protein_coding	9.61	9.69	9.50	9.79	10.69	10.89	10.83	10.76
Down	ENSMUSG00000026811	-1.13	5.07E-48	Slc6galn6	protein_coding	9.30	9.25	9.25	8.31	6.32	6.16	6.30	8.03
Down	ENSMUSG00000102422	-1.26	5.68E-48	Irschfp	lincoding	10.41	10.40	10.48	10.33	9.00	9.23	9.12	9.12
Down	ENSMUSG00000000184	-1.36	7.42E-48	Ccn2d	protein_coding	9.18	9.21	9.25	9.49	7.81	8.10	7.96	7.90
Down	ENSMUSG00000083531	-2.03	8.04E-48	Sema3e	protein_coding	8.70	8.56	8.50	8.24	6.64	6.57	6.46	6.53
Down	ENSMUSG00000079435	-1.42	9.48E-48	Rpl36a	protein_coding	9.34	9.18	9.14	9.23	7.76	7.92	7.80	7.80
Down	ENSMUSG00000021371	-2.01	1.06E-47	Mcur1	protein_coding	7.81	7.72	7.93	8.02	6.35	5.64	5.64	5.99
Up	ENSMUSG00000014602	1.19	1.21E-47	Kif1a	protein_coding	12.15	11.92	11.94	11.77	13.23	13.12	13.22	12.98
Up	ENSMUSG00000054013	1.02	1.22E-47	Tmem179	protein_coding	8.14	8.22	8.16	8.09	9.16	9.16	9.31	9.16
Down	ENSMUSG00000029913	-1.76	1.23E-47	Prdm5	protein_coding	7.61	7.49	7.64	7.49	5.91	5.85	5.98	5.72
Down	ENSMUSG00000044349	-1.69	1.27E-47	Shhg11	protein_coding	10.67	10.96	11.01	11.00	8.86	9.33	9.19	9.47
Up	ENSMUSG00000033152	1.01	1.47E-47	Podxl2	protein_coding	9.35	9.36	9.46	9.15	10.37	10.26	10.42	10.31
Down	ENSMUSG00000073702	-1.43	1.47E-47	Rpl31	protein_coding	9.95	9.97	9.98	10.09	8.33	8.81	8.53	8.59
Up	ENSMUSG000000055471	2.60	1.50E-47	Alk	protein_coding	5.34	5.59	5.78	5.16	8.14	8.17	7.90	7.60
Down	ENSMUSG000000060402	-2.85	1.55E-47	Chs1b	protein_coding	6.66	7.12	6.80	6.57	4.19	3.69	4.43	4.53
Down	ENSMUSG00000038128	-1.36	2.05E-47	Camk4	protein_coding	8.50	8.65	8.74	8.76	7.43	7.19	7.57	7.20
Down	ENSMUSG00000012848	-1.22	2.20E-47	Rps5	protein_coding	9.48	9.43	9.34	9.38	8.12	8.13	8.25	8.29
Up	ENSMUSG000000050910	1.47	2.23E-47	Cdr2l	protein_coding	7.93	7.60	7.66	7.67	9.28	9.08	9.28	9.06
Down	ENSMUSG00000026482	-1.09	3.75E-47	Rgl1	protein_coding	10.33	10.28	10.14	10.20	9.04	9.27	8.97	9.30
Up	ENSMUSG00000055733	1.55	5.04E-47	Nap1l3	protein_coding	7.96	7.64	7.88	7.77	9.27	9.51	9.38	9.21
Up	ENSMUSG00000028773	1.25	5.74E-47	Fabp3	protein_coding	8.41	8.22	8.24	8.16	9.48	9.47	9.59	9.45
Down	ENSMUSG00000042532	-1.32	5.95E-47	Golga7b	protein_coding	9.50	9.52	9.51	9.33	8.05	8.26	8.19	8.14
Up	ENSMUSG00000028431	1.04	6.07E-47	Elp1	protein_coding	7.86	7.79	7.71	7.81	8.73	8.79	8.94	8.83
Down	ENSMUSG00000039458	-1.44	6.81E-47	Mttr12	protein_coding	9.19	9.14	9.43	9.07	7.87	7.90	7.50	7.87
Up	ENSMUSG00000021820	1.08	6.86E-47	Camk2g	protein_coding	9.85	9.95	9.89	9.78	10.88	10.99	11.03	10.84
Up	ENSMUSG00000016319	1.24	7.92E-47	Slc25a5	protein_coding	9.23	8.97	9.08	9.02	10.29	10.37	10.49	10.14
Up	ENSMUSG00000031672	1.38	8.96E-47	Got2	protein_coding	9.44	9.55	9.38	9.32	10.80	10.79	11.00	10.59
Up	ENSMUSG000000022551	1.28	9.37E-47	Cyc1	protein_coding	8.60	8.65	8.80	8.71	9.62	9.99	10.14	9.88
Up	ENSMUSG00000027820	2.59	9.56E-47	Mme	protein_coding	6.25	6.52	6.59	6.28	8.70	8.68	8.67	8.59
Down	ENSMUSG00000042451	-2.08	1.07E-46	Nlybph	protein_coding	9.31	9.02	9.28	8.89	7.20	6.84	7.53	6.63
Up	ENSMUSG00000078441	1.88	1.11E-46	Ass1	protein_coding	6.34	6.41	6.49	6.74	8.25	8.17	8.62	8.29
Up	ENSMUSG00000032118	1.22	1.26E-46	Fez2	protein_coding	10.36	10.23	10.32	10.27	11.57	11.44	11.59	11.43
Up	ENSMUSG00000029054	2.39	1.45E-46	Gabrd	protein_coding	5.94	6.06	6.56	5.88	8.47	8.42	8.75	8.13
Down	ENSMUSG00000025738	-1.00	1.63E-46	Fbxl16	protein_coding	12.99	12.89	13.02	12.83	11.92	11.94	11.86	12.01
Up	ENSMUSG00000029361	1.26	1.67E-46	Nos1	protein_coding	9.12	9.14	9.14	9.14	10.64	10.64	10.38	10.22
Up	ENSMUSG00000030731	1.32	1.90E-46	Syt3	protein_coding	8.05	7.86	7.97	7.79	9.30	9.24	9.32	9.00
Up	ENSMUSG00000042744	1.07	2.09E-46	Hectd4	protein_coding	11.07	10.92	10.87	10.83	11.94	12.06	11.96	12.02
Up	ENSMUSG00000030655	1.30	3.06E-46	Smg1	protein_coding	10.32	10.39	10.18	10.31	11.62	11.68	11.34	11.72
Up	ENSMUSG00000040710	1.76	3.12E-46	Sl8sia4	protein_coding	6.89	7.17	7.33	7.27	8.71	9.17	9.17	8.98
Down	ENSMUSG00000027971	-2.87	4.49E-46	Ndst4	protein_coding	8.32	8.22	8.28	8.32	5.20	5.21	5.40	6.09
Down	ENSMUSG00000090546	-1.78	6.00E-46	Cdr1	protein_coding	13.81	13.90	13.79	13.81	11.94	12.09	12.10	12.05
Up	ENSMUSG00000018707	1.44	6.20E-46	Dync1h1	protein_coding	11.09	10.93	10.82	10.82	12.21	12.22	12.50	12.50
Up	ENSMUSG000000020900	1.09	6.73E-46	Nlyh10	protein_coding	10.78	10.53	10.76	10.51	11.66	11.66	11.55	11.55
Down	ENSMUSG00000061353	-2.91	9.73E-46	Cxcl12	protein_coding	7.58	7.44	7.56	7.58	5.44	4.35	4.83	4.41
Up	ENSMUSG000000307916	1.27	9.91E-46	Ndufv1	protein_coding	8.91	8.73	8.79	8.81	10.02	10.09	10.19	10.00
Up	ENSMUSG00000034593	1.13	1.00E-45	Myc5a	protein_coding	11.36	11.34	11.20	11.48	12.48	12.40	12.56	12.14
Down	ENSMUSG00000030231	-1.03	1.01E-45	Plekha5	protein_coding	9.72	9.76	9.67	9.51	8.68	8.61	8.60	8.69
Up	ENSMUSG00000030137	2.38	1.46E-45	Tuba8	protein_coding	5.97	5.98	6.05	5.70	8.21	8.31	8.36	8.00
Up	ENSMUSG00000074228	1.83	1.64E-45	Gm10645	protein_coding	5.78	5.46	5.63	5.64	7.31	7.48	7.36	7.31
Down	ENSMUSG00000027848	-3.79	1.78E-45	Olfml3	protein_coding	7.25	6.93	6.50	6.76	2.97	3.28	4.27	3.57
Up	ENSMUSG00000037428	2.11	1.97E-45	Vgf	protein_coding	8.70	8.64	8.94	8.48	10.77	10.63	11.29	10.34
Down	ENSMUSG00000040952	-1.90	2.43E-45	Rps19	protein_coding	9.77	9.49	9.59	7.96	7.43	7.63	7.40	7.79
Up	ENSMUSG00000034891	1.44	6.44E-45	Sncb	protein_coding	11.32	11.33	11.48	11.28	12.85	12.74	12.85	12.72
Down	ENSMUSG00000037624	-1.53	6.54E-45	Kcnk2	protein_coding	8.36	8.49	8.68	8.54	6.69	6.95	7.01	7.36
Up	ENSMUSG00000021700	1.05	7.58E-45	Rab3c	protein_coding	11.90	11.96	11.80	11.89	12.86	13.02	13.02	12.85
Up													

Down	ENSMUSG00000060938	-1.40	1.03E-44	Rpl26	protein_coding	11.34	11.20	11.13	11.20	9.67	9.94	9.78	9.90
Up	ENSMUSG00000028780	1.72	1.30E-44	Sema3c	protein_coding	6.95	6.97	6.89	6.74	8.43	8.76	8.73	8.32
Down	ENSMUSG00000032281	-2.52	1.91E-44	Acsbg1	protein_coding	8.24	8.37	8.25	8.20	5.38	6.30	5.29	6.07
Down	ENSMUSG00000073565	-2.55	1.96E-44	Prr16	protein_coding	6.39	6.38	6.42	6.46	4.52	3.94	4.04	4.08
Up	ENSMUSG00000021460	1.16	2.03E-44	Auh	protein_coding	8.45	8.60	8.65	8.42	9.63	9.64	9.90	9.55
Down	ENSMUSG00000020423	-2.15	2.31E-44	Btg2	protein_coding	6.78	7.01	6.60	7.04	4.76	5.16	4.54	4.97
Up	ENSMUSG00000025969	-1.07	2.33E-44	Klf7	protein_coding	9.01	8.97	8.96	8.96	7.80	7.80	7.32	8.09
Up	ENSMUSG00000005882	1.32	2.62E-44	Ucp1	protein_coding	8.02	8.06	8.14	7.98	9.40	9.19	9.48	9.35
Up	ENSMUSG00000024948	1.18	2.88E-44	Map4k2	protein_coding	7.62	7.71	7.51	7.60	8.65	8.80	8.92	8.72
Up	ENSMUSG00000057378	1.35	3.46E-44	Ryr3	protein_coding	9.50	9.60	9.53	9.41	10.71	10.90	10.65	11.11
Down	ENSMUSG00000042686	-1.72	3.94E-44	Jph1	protein_coding	8.52	8.63	8.77	8.47	7.11	6.57	6.92	6.98
Up	ENSMUSG00000038462	1.06	4.19E-44	Uqcrls1	protein_coding	8.74	8.73	8.82	8.65	9.70	9.94	9.78	9.72
Down	ENSMUSG00000045312	-2.34	5.58E-44	Lhfp12	protein_coding	7.32	7.51	7.34	7.28	5.40	4.68	5.20	5.28
Down	ENSMUSG00000055723	-2.59	5.86E-44	Rras2	protein_coding	7.15	7.14	7.58	7.19	4.19	4.90	4.77	5.33
Up	ENSMUSG00000033597	1.12	6.04E-44	Caskin1	protein_coding	9.63	9.58	9.44	9.37	10.63	10.62	10.74	10.50
Down	ENSMUSG00000001741	-2.38	7.90E-44	Il16	protein_coding	7.78	7.75	7.78	7.38	5.66	5.49	5.23	5.40
Up	ENSMUSG00000042401	1.21	8.68E-44	Crtac1	protein_coding	8.60	8.45	8.52	8.38	9.64	9.64	9.93	9.53
Down	ENSMUSG00000009519	-2.33	8.72E-44	Pou3f2	protein_coding	7.37	7.58	7.51	7.57	5.29	5.65	4.50	5.50
Down	ENSMUSG00000024558	-1.18	9.86E-44	Mapk4	protein_coding	9.57	9.45	9.63	9.37	8.22	8.51	8.33	8.24
Up	ENSMUSG00000029754	2.79	1.72E-43	Dlx6	protein_coding	5.08	5.68	5.70	5.86	8.23	8.50	8.06	8.14
Up	ENSMUSG00000004455	1.16	1.59E-43	Ppp1cc	protein_coding	8.72	8.59	8.70	8.64	9.81	9.95	9.58	9.58
Up	ENSMUSG00000050711	2.44	2.25E-43	Scg2	protein_coding	9.24	9.19	9.40	8.99	11.62	11.35	12.04	11.45
Down	ENSMUSG00000048897	-1.33	2.45E-43	Zfp710	protein_coding	7.57	7.66	7.65	6.51	6.11	6.33	6.11	6.27
Up	ENSMUSG00000034324	3.02	2.50E-43	Tmem132c	protein_coding	5.83	5.72	5.59	5.91	8.57	8.80	8.78	8.60
Up	ENSMUSG00000007021	1.36	2.92E-43	Syng3	protein_coding	8.94	9.02	8.98	8.86	10.48	10.24	10.32	10.17
Up	ENSMUSG00000036862	1.84	3.16E-43	Dchs1	protein_coding	6.85	6.67	6.89	6.69	8.63	8.57	8.88	8.16
Up	ENSMUSG00000040687	1.10	3.77E-43	Madd	protein_coding	10.11	10.04	9.94	9.75	11.04	11.13	11.16	10.93
Down	ENSMUSG00000021127	-2.70	3.92E-43	Zfp361f1	protein_coding	7.38	7.65	7.48	7.78	4.99	4.70	4.54	5.65
Down	ENSMUSG00000033981	-1.01	4.06E-43	Gria2	protein_coding	12.07	12.09	12.04	12.09	10.86	11.24	10.96	11.16
Down	ENSMUSG00000022112	-2.42	4.46E-43	Gpc5	protein_coding	6.93	7.39	7.26	7.31	4.34	4.87	5.00	5.44
Down	ENSMUSG00000021750	-3.85	4.68E-43	Fam107a	protein_coding	12.25	12.12	11.66	11.21	8.29	8.67	7.00	7.65
Up	ENSMUSG00000034310	1.55	5.96E-43	Tmem132d	protein_coding	7.43	7.84	7.47	7.55	9.23	8.98	9.29	8.90
Down	ENSMUSG00000024748	-1.06	6.47E-43	Seip1	protein_coding	9.99	9.99	9.85	9.75	8.64	8.64	8.79	8.96
Up	ENSMUSG00000026131	1.27	6.71E-43	Dat	protein_coding	11.77	11.60	11.60	11.66	13.11	13.11	12.64	13.04
Up	ENSMUSG00000053626	2.74	7.94E-43	Tll1	protein_coding	5.26	5.75	6.00	5.73	8.35	8.20	8.73	8.01
Up	ENSMUSG00000086663	1.13	7.94E-43	Clec16a	protein_coding	9.30	9.25	9.40	9.12	10.41	10.39	10.58	10.10
Up	ENSMUSG00000005069	1.61	8.48E-43	Pex5	protein_coding	7.16	7.19	7.00	7.10	8.82	8.36	8.86	8.70
Up	ENSMUSG00000103310	1.24	8.64E-43	Pcdha12	protein_coding	9.09	8.98	8.82	8.98	10.16	10.34	10.21	10.07
Up	ENSMUSG00000043668	2.26	8.80E-43	Tox3	protein_coding	6.30	6.26	6.31	6.43	8.33	8.75	8.61	8.41
Up	ENSMUSG00000028971	3.77	1.13E-42	Cort	protein_coding	4.45	4.05	4.28	4.22	7.47	7.48	8.62	7.63
Up	ENSMUSG00000037470	1.05	1.15E-42	Uggt1	protein_coding	8.57	8.32	8.41	8.35	9.50	9.47	9.54	9.31
Down	ENSMUSG00000032434	-2.14	1.28E-42	Cmtm6	protein_coding	6.92	7.10	6.80	7.17	4.94	4.99	5.25	5.31
Up	ENSMUSG00000104318	1.24	1.64E-42	Pcdha7	protein_coding	9.12	8.96	8.80	8.97	10.16	10.35	10.21	10.08
Down	ENSMUSG00000042613	-1.75	1.76E-42	Pbxip1	protein_coding	7.17	7.05	7.16	7.10	5.49	5.18	5.75	5.37
Up	ENSMUSG00000025240	1.28	1.77E-42	Sacm11	protein_coding	8.84	8.81	8.54	8.70	9.90	9.93	10.27	9.86
Up	ENSMUSG00000034613	1.26	1.86E-42	Ppm1h	protein_coding	9.57	9.45	9.35	9.34	10.66	10.94	10.56	10.55
Up	ENSMUSG00000000088	1.22	2.05E-42	Cxv5a	protein_coding	8.60	8.61	8.75	8.74	9.94	9.94	9.96	9.75
Down	ENSMUSG00000028833	-1.08	2.16E-42	Olfm1	protein_coding	13.07	12.93	13.02	12.92	11.97	11.94	11.98	11.74
Down	ENSMUSG00000033730	-3.46	2.89E-42	Egr3	protein_coding	9.26	9.40	9.35	9.26	4.54	6.32	6.04	6.29
Up	ENSMUSG00000030357	1.50	3.32E-42	Fkbp4	protein_coding	8.89	8.55	8.80	8.62	10.51	10.07	10.23	9.98
Up	ENSMUSG00000026526	1.27	3.32E-42	Fh1	protein_coding	7.70	7.65	7.73	7.81	8.99	9.09	8.95	8.87
Up	ENSMUSG00000025825	1.15	3.75E-42	Iscu	protein_coding	8.53	8.53	8.55	8.66	9.61	9.78	9.85	9.58
Up	ENSMUSG00000038664	1.06	3.78E-42	Herc1	protein_coding	10.55	10.51	10.43	10.44	11.52	11.55	11.44	11.64
Up	ENSMUSG00000053024	1.45	4.37E-42	Cntn2	protein_coding	9.17	9.00	8.87	8.81	10.63	10.17	10.54	10.25
Up	ENSMUSG00000041000	1.86	4.93E-42	Trim62	protein_coding	6.65	6.58	6.99	6.75	8.37	8.78	8.78	8.26
Down	ENSMUSG00000042604	-1.60	5.86E-42	Kcna4	protein_coding	8.40	8.37	8.64	8.35	6.69	6.67	7.24	6.84
Up	ENSMUSG00000029168	1.56	7.03E-42	Dpysl5	protein_coding	6.98	7.05	7.13	7.09	8.40	8.69	8.81	8.71
Up	ENSMUSG00000045731	3.31	7.94E-42	Pnoc	protein_coding	4.82	5.41	5.57	5.37	8.44	8.35	8.84	8.26
Up	ENSMUSG00000016349	1.20	8.76E-42	Eef1a2	protein_coding	12.11	12.02	11.99	11.81	13.27	13.18	13.28	12.99
Down	ENSMUSG00000048163	-3.33	8.85E-42	Seip1g	protein_coding	7.00	6.95	6.95	6.91	4.13	3.98	2.93	4.50
Down	ENSMUSG00000046404	-1.40	1.01E-41	Ycd1	protein_coding	8.02	7.98	8.09	8.22	6.57	6.76	6.95	6.53
Up	ENSMUSG00000042826	1.36	1.07E-41	Fgf11	protein_coding	7.92	7.79	7.90	8.06	9.15	9.36	9.30	9.23
Down	ENSMUSG00000050600	-2.47	1.16E-41	Zfp831	protein_coding	8.69	8.52	8.46	8.49	5.58	6.84	5.56	6.18
Down	ENSMUSG00000020326	-1.50	1.26E-41	Ccng1	protein_coding	9.83	9.79	9.66	9.75	8.42	8.45	7.99	8.17
Up	ENSMUSG00000004366	3.69	1.28E-41	Sst	protein_coding	10.23	9.96	10.32	10.17	13.91	13.64	14.15	13.69
Down	ENSMUSG00000060036	-1.00	1.52E-41	Rpl3	protein_coding	11.72	11.74	11.75	11.71	10.68	10.75	10.68	10.79
Down	ENSMUSG00000031833	-1.06	1.62E-41	Mast3	protein_coding	10.63	10.52	10.62	10.32	9.65	9.43	9.39	9.38
Up	ENSMUSG00000031428	1.00	1.70E-41	Zochc18	protein_coding	9.69	9.63	9.70	9.63	10.50	10.69	10.78	10.66
Down	ENSMUSG00000033623	-1.07	1.82E-41	Pcgf3	protein_coding	9.26	9.17	9.27	9.38	8.13	8.38	8.10	8.24
Down	ENSMUSG00000041852	-1.16	1.83E-41	Tcf20	protein_coding	12.43	12.46	12.33	12.22	11.25	11.42	11.10	11.02
Down	ENSMUSG00000024642	-1.07	1.99E-41	Tle4	protein_coding	8.79	9.02	8.71	8.84	7.66	7.75	7.92	7.92
Down	ENSMUSG00000036095	-1.22	2.71E-41	Dgkb	protein_coding	10.02	10.10	9.97	9.97	8.67	8.97	8.89	8.98
Down	ENSMUSG00000071637	-2.54	2.94E-41	Eebpdp	protein_coding	7.02	7.07	7.01	6.67	4.97	4.47	4.45	4.33
Up	ENSMUSG00000103442	1.17	2.98E-41	Pcdmat1	protein_coding	9.06	8.94	8.75	8.95	10.15	10.34	10.22	10.07
Down	ENSMUSG00000059288	-1.31	3.59E-41	Cdyl	protein_coding	8.68	8.69	8.64	8.70	7.40	7.65	7.32	7.10
Down	ENSMUSG00000028788	-1.07	4.18E-41	Ptp4a2	protein_coding	10.32	10.39	10.36	10.41	9.50	9.31	9.07	9.32
Up	ENSMUSG00000025855	1.06	4.45E-41	Pkari1b	protein_coding	11.02	11.09	10.97	10.82	11.93	12.13	12.13	11.92
Down	ENSMUSG00000025794	-1.30	5.02E-41	Rpl14	protein_coding	10.32	10.22	10.32	10.31	8.92	9.01	8.92	9.03
Up	ENSMUSG00000032312	1.74	5.34E-41	Csk	protein_coding	7.22	7.31	6.86	6.93	8.72	8.76	9.06	8.61
Down	ENSMUSG00000020027	-1.82	5.74E-41	Socs2	protein_coding	7.18	7.65	7.61	7.33	5.52	5.89	5.59	5.83
Up	ENSMUSG00000060450	1.03	6.01E-41	Rnf14	protein_coding	10.85	10.81	10.73	10.76	11.75	11.93	11.82	11.77
Down	ENSMUSG00000001943	-3.79	6.64E-41	Vsig2	protein_coding	6.10	6.08	6.29	6.12	2.66	3.47	2.00	3.78
Up	ENSMUSG00000037492	1.26	6.71E-41	Zmat4	protein_coding	8.71	8.55	8.81	8.69	9.72	9.96	10.17	9.90
Up	ENSMUSG00000060279	1.06	7.21E-41	Ap2a1	protein_coding	9.86	9.93	9.93	9.93	10.93	10.94	10.94	10.86
Up	ENSMUSG00000061904	1.06	7.59E-41	Sic25a3	protein_coding	10.06	10.05	9.92	9.92	10.40	11.17	11.17	10.89
Up	ENSMUSG00000026858	1.27	8.33E-41	Miga2	protein_coding	8.24	7.93	8.23	7.94	9.42	9.28	9.46	9.22
Up	ENSMUSG00000032918	1.14	9.80E-41	Rab3gap2	protein_coding</								

Down	ENSMUSG00000074305	-1.05	1.60E-40	Peak1	protein_coding	9.63	9.50	9.49	9.42	8.63	8.51	8.26	8.45
Up	ENSMUSG00000001416	1.18	1.65E-40	Cct3	protein_coding	8.32	8.22	8.16	8.22	9.58	9.29	9.33	9.38
Up	ENSMUSG000000038429	1.06	1.65E-40	Usp5	protein_coding	9.10	9.04	9.03	8.85	9.95	10.06	10.13	10.07
Down	ENSMUSG000000034998	-1.58	1.86E-40	Foxn2	protein_coding	7.80	8.07	7.86	8.01	6.06	6.66	6.36	6.47
Down	ENSMUSG000000012126	-1.45	2.14E-40	Ubxn11	protein_coding	7.72	7.57	7.62	7.70	5.90	6.39	6.32	6.34
Up	ENSMUSG000000021188	1.19	2.23E-40	Trp11	protein_coding	9.10	9.14	9.08	9.22	10.21	10.41	10.35	10.33
Down	ENSMUSG000000023448	-2.28	2.29E-40	Gata4	protein_coding	7.49	7.49	7.53	7.58	7.21	5.37	5.34	5.31
Up	ENSMUSG000000029161	1.96	2.29E-40	Cgref1	protein_coding	6.23	6.62	6.69	7.04	8.60	8.57	8.60	8.62
Down	ENSMUSG000000051615	-1.04	2.41E-40	Rap2a	protein_coding	9.95	10.02	10.08	10.08	9.19	8.90	8.53	9.05
Up	ENSMUSG000000023236	1.14	2.58E-40	Scg5	protein_coding	9.27	9.16	9.20	9.21	10.29	10.19	10.10	10.32
Up	ENSMUSG000000038370	2.63	2.91E-40	Pcp411	protein_coding	8.38	8.27	8.06	8.65	11.07	11.09	11.00	10.73
Up	ENSMUSG000000045613	2.08	3.12E-40	Chrm2	protein_coding	6.67	6.62	6.40	6.61	8.61	8.64	8.71	8.50
Down	ENSMUSG000000026176	-1.76	3.19E-40	Ctdsp1	protein_coding	7.33	7.21	7.37	7.34	5.71	5.64	5.63	5.59
Up	ENSMUSG000000029148	1.04	4.19E-40	Nrbp1	protein_coding	8.24	8.30	8.29	8.24	9.28	9.29	9.43	9.20
Down	ENSMUSG000000022587	-1.32	4.69E-40	Ly6e	protein_coding	9.58	9.59	9.45	9.28	7.96	8.33	8.28	8.08
Down	ENSMUSG000000074129	-1.43	4.70E-40	Rpl13a	protein_coding	11.67	11.42	11.59	11.55	10.18	10.19	10.04	10.11
Down	ENSMUSG000000022439	-3.62	5.11E-40	Parvg	protein_coding	6.05	5.89	6.32	5.94	2.97	2.85	3.71	3.06
Down	ENSMUSG000000025810	-1.49	5.59E-40	Nrp1	protein_coding	9.09	9.27	9.29	9.07	7.07	8.00	7.46	7.62
Up	ENSMUSG000000005034	1.09	6.52E-40	Prkab	protein_coding	10.79	10.92	10.72	11.01	11.79	12.03	11.98	12.00
Down	ENSMUSG000000044252	-1.05	6.90E-40	Slc45a1	protein_coding	9.98	10.14	9.94	10.03	11.18	10.95	11.17	10.97
Down	ENSMUSG000000025362	-1.35	7.54E-40	Rps26	protein_coding	10.08	10.14	10.12	10.22	8.67	8.85	8.85	8.80
Down	ENSMUSG000000025318	-1.00	7.54E-40	Jph3	protein_coding	11.30	11.19	11.28	11.03	10.27	10.27	10.17	10.11
Up	ENSMUSG000000052105	1.25	8.17E-40	Mtcl1	protein_coding	8.72	8.34	8.54	8.33	9.81	9.83	9.76	9.51
Up	ENSMUSG000000068220	2.99	1.05E-39	Lgals1	protein_coding	5.21	4.56	5.40	5.37	8.08	7.63	8.49	7.71
Up	ENSMUSG000000103707	1.27	1.50E-39	Pcdha6	protein_coding	9.11	8.98	8.77	8.97	10.18	10.40	10.21	10.07
Down	ENSMUSG000000033960	-2.52	1.56E-39	Jcad	protein_coding	9.57	9.69	9.45	9.57	7.68	6.32	7.04	7.01
Up	ENSMUSG000000031960	1.35	1.63E-39	Aars	protein_coding	8.93	9.00	8.92	8.87	10.27	10.25	10.45	10.12
Up	ENSMUSG000000023084	1.77	2.20E-39	Lrrc71	protein_coding	6.95	6.67	6.64	6.63	8.39	8.59	8.60	8.26
Down	ENSMUSG000000050953	-2.89	2.35E-39	Gja1	protein_coding	9.69	9.74	9.70	9.84	6.33	6.83	6.49	7.59
Up	ENSMUSG000000020366	1.13	2.49E-39	Mapk9	protein_coding	10.11	10.14	10.17	10.28	11.13	11.33	11.51	11.22
Down	ENSMUSG000000002602	-2.74	3.32E-39	Axl	protein_coding	7.61	7.58	7.98	7.58	4.54	5.32	4.77	5.56
Up	ENSMUSG000000030718	1.07	3.45E-39	Ppme1	protein_coding	9.58	9.53	9.43	9.26	10.49	10.57	10.61	10.40
Up	ENSMUSG000000039838	1.46	4.21E-39	Slc45a1	protein_coding	7.96	7.77	8.10	7.60	9.43	9.23	9.59	9.13
Up	ENSMUSG000000027010	1.08	4.80E-39	Slc25a12	protein_coding	9.39	9.46	9.45	9.45	10.38	10.38	10.54	10.31
Up	ENSMUSG000000034488	1.09	4.85E-39	Edi3	protein_coding	9.24	9.19	9.08	9.31	10.45	10.17	10.27	10.26
Down	ENSMUSG000000048251	-1.13	6.47E-39	Bcl11b	protein_coding	10.42	10.27	10.42	10.17	9.09	9.32	9.16	9.20
Down	ENSMUSG000000063632	-1.60	7.29E-39	Sox11	protein_coding	8.48	8.34	8.13	8.59	6.78	6.72	6.71	7.08
Up	ENSMUSG000000045777	1.52	7.51E-39	Ifftm10	protein_coding	6.85	6.83	6.49	8.16	8.44	8.22	8.44	8.16
Down	ENSMUSG000000031565	-1.07	8.09E-39	Fgfr1	protein_coding	9.50	9.39	9.47	9.29	8.36	8.34	8.39	8.33
Up	ENSMUSG000000104148	1.30	8.42E-39	Pcdha2	protein_coding	9.08	8.94	8.75	8.95	10.18	10.37	10.24	10.11
Up	ENSMUSG000000006299	1.26	1.06E-38	Aamp	protein_coding	9.24	9.18	9.09	9.14	10.58	10.33	10.40	10.34
Up	ENSMUSG000000096606	2.67	1.19E-38	Tpbg1	protein_coding	5.19	5.21	5.57	5.42	7.68	7.78	8.15	7.98
Down	ENSMUSG000000028128	-2.27	1.26E-38	F3	protein_coding	7.49	7.71	7.48	7.20	4.97	5.59	4.97	5.64
Down	ENSMUSG000000067288	-1.80	1.41E-38	Rps28	protein_coding	9.74	9.67	9.71	9.71	7.69	8.11	7.69	8.18
Down	ENSMUSG000000047485	-1.35	1.67E-38	Kih34	protein_coding	8.87	8.65	8.85	8.52	7.17	7.61	7.15	7.25
Down	ENSMUSG000000036052	-1.21	1.80E-38	Dnajb5	protein_coding	9.30	9.08	9.35	9.19	7.95	8.34	7.86	7.96
Down	ENSMUSG000000059911	-2.33	2.16E-38	Nptx2	protein_coding	6.73	6.62	6.73	6.62	4.61	4.27	4.46	5.30
Up	ENSMUSG000000031840	1.30	2.20E-38	Rab3a	protein_coding	11.43	11.45	11.47	11.40	12.66	12.87	12.82	12.60
Up	ENSMUSG000000000399	1.14	2.20E-38	Ndufa9	protein_coding	8.56	8.52	8.54	8.50	9.64	9.73	9.64	9.69
Up	ENSMUSG000000045875	1.69	2.27E-38	Adra1a	protein_coding	6.35	6.50	6.48	6.47	8.00	8.25	8.19	7.89
Down	ENSMUSG000000030270	-2.26	2.28E-38	Cpne9	protein_coding	6.07	6.33	6.30	6.20	4.44	4.35	3.79	4.28
Up	ENSMUSG000000039512	1.52	2.55E-38	Uhrf1bp1	protein_coding	7.02	6.99	6.78	6.99	8.23	8.72	8.46	8.30
Down	ENSMUSG000000051067	-1.97	2.55E-38	Lingo3	protein_coding	7.70	7.45	7.96	7.31	5.56	5.93	5.84	5.59
Up	ENSMUSG000000007440	1.26	2.56E-38	Pcdha11	protein_coding	9.08	8.93	8.75	8.95	10.13	10.34	10.23	10.05
Down	ENSMUSG000000003573	-1.58	3.16E-38	Homer3	protein_coding	8.04	7.85	8.21	7.81	6.29	6.55	6.65	6.27
Down	ENSMUSG000000006356	-2.13	3.33E-38	Crip2	protein_coding	7.60	7.74	7.60	7.94	5.52	6.28	5.05	5.61
Down	ENSMUSG000000044533	-1.30	3.75E-38	Rps2	protein_coding	10.31	10.13	10.27	10.27	9.16	8.81	8.98	8.82
Down	ENSMUSG000000032528	-2.19	3.79E-38	Vipr1	protein_coding	6.81	7.25	7.20	6.98	5.12	4.58	4.77	5.47
Down	ENSMUSG000000026581	-3.21	3.91E-38	Laptn5	protein_coding	7.19	7.40	6.94	7.00	4.19	3.69	4.71	4.17
Down	ENSMUSG000000064023	-3.79	4.08E-38	Kik8	protein_coding	6.08	5.78	6.26	6.02	3.04	3.05	2.71	3.44
Down	ENSMUSG000000028392	-1.67	4.67E-38	Ptbp3	protein_coding	7.94	8.26	8.02	7.95	6.04	6.50	6.49	6.52
Up	ENSMUSG000000087006	1.34	5.01E-38	Gm13889	protein_coding	6.93	7.12	7.19	7.21	8.44	8.58	8.33	8.38
Down	ENSMUSG000000022505	-2.57	5.45E-38	Emp2	protein_coding	6.92	6.65	6.65	6.72	4.28	3.43	4.73	4.83
Up	ENSMUSG000000031994	2.72	6.43E-38	Adams2	protein_coding	5.50	5.12	5.17	5.22	7.27	7.88	8.04	8.04
Down	ENSMUSG000000028838	-1.53	6.52E-38	Extl1	protein_coding	8.31	8.30	8.29	8.28	6.58	6.50	6.87	7.15
Down	ENSMUSG000000034480	-1.32	7.03E-38	Diaph2	protein_coding	8.08	8.10	7.93	8.04	6.62	6.81	6.72	6.84
Down	ENSMUSG000000071757	-1.82	7.26E-38	Zhx2	protein_coding	8.43	8.27	8.29	8.11	6.86	6.40	6.04	6.60
Up	ENSMUSG000000032554	1.42	7.36E-38	Trf	protein_coding	10.02	9.77	9.86	9.84	11.59	10.95	11.13	11.44
Up	ENSMUSG000000017740	1.08	7.51E-38	Slc12a5	protein_coding	10.77	10.49	10.63	10.45	11.74	11.69	11.67	11.57
Down	ENSMUSG000000033949	-1.46	7.94E-38	B3galt2	protein_coding	9.04	9.36	8.83	9.15	7.43	7.92	7.55	7.71
Down	ENSMUSG000000044352	-2.52	8.48E-38	Sowaha	protein_coding	9.81	9.65	9.69	9.63	6.48	6.79	7.56	7.39
Down	ENSMUSG000000042460	-1.67	8.58E-38	Ctga11	protein_coding	7.83	7.93	7.64	7.97	6.18	6.28	6.01	6.42
Down	ENSMUSG000000089899	-1.44	1.07E-37	Gm45713	protein_coding	11.64	11.39	11.56	11.51	10.16	10.16	10.08	10.08
Up	ENSMUSG000000024941	1.67	1.26E-37	Sey2	protein_coding	8.31	8.22	8.31	8.27	9.35	9.42	9.57	9.25
Up	ENSMUSG000000029408	1.65	1.59E-37	Acbp9	protein_coding	6.94	6.71	6.85	6.98	8.59	8.67	8.40	8.26
Up	ENSMUSG000000039354	1.07	1.65E-37	Smarcal1	protein_coding	8.39	8.19	8.21	8.29	9.19	9.43	9.48	9.21
Up	ENSMUSG000000008318	2.40	1.77E-37	Relt	protein_coding	5.57	5.28	5.91	5.20	7.70	8.03	7.61	7.85
Down	ENSMUSG000000022296	-1.21	1.95E-37	Baalc	protein_coding	10.11	10.08	10.04	10.11	9.05	8.79	8.87	8.80
Down	ENSMUSG000000028878	-1.04	2.26E-37	Fam76a	protein_coding	8.74	8.79	8.81	8.87	7.94	7.60	7.74	7.80
Down	ENSMUSG000000020601	-1.57	2.35E-37	Trib2	protein_coding	8.34	8.06	8.32	8.24	6.52	6.59	6.49	7.14
Up	ENSMUSG000000030844	1.77	2.48E-37	Rgs10	protein_coding	7.51	7.56	7.58	7.66	9.40	9.14	9.53	9.22
Down	ENSMUSG000000060802	-1.23	2.48E-37	B2m	protein_coding	8.06	7.97	7.98	8.04	6.95	6.73	6.76	6.80
Down	ENSMUSG000000074733	-1.29	2.73E-37	Zfp950	protein_coding	7.81	7.84	7.87	7.81	6.32	6.32	6.59	6.72
Down	ENSMUSG000000020362	-1.39	2.98E-37	Cnot6	protein_coding	8.71	8.77	8.79	8.94	7.44	7.66	7.15	7.45
Down	ENSMUSG000000054252	-2.04	3.02E-37	Fgfr3	protein_coding	8.24	8.43	8.47	8.37	6.04	6.75	6.57	6.63
Up	ENSMUSG000000103092	1.26	3.07E-37	Pcdha5	protein_coding	9.12	8.98	8.78	8.99	10.18	10.37	10.24	10.09

Down	ENSMUSG00000034731	-1.09	4.37E-37	Dgkh	protein_coding	10.54	10.54	10.65	10.37	9.24	9.64	9.49	9.35
Up	ENSMUSG00000040249	1.30	4.39E-37	Lrp1	protein_coding	10.72	10.45	10.50	10.46	11.94	11.83	11.65	11.88
Down	ENSMUSG00000027574	-2.75	5.03E-37	Nkain4	protein_coding	6.68	6.84	6.65	6.86	4.66	4.22	3.90	4.28
Down	ENSMUSG000000072875	-1.23	5.20E-37	Gpr27	protein_coding	8.07	8.00	7.90	8.17	7.07	6.72	6.80	6.72
Down	ENSMUSG000000064065	-1.66	6.31E-37	lpcf1	protein_coding	8.32	8.58	8.24	8.63	6.40	7.02	6.95	6.86
Up	ENSMUSG000000027716	1.71	6.60E-37	Tpvc3	protein_coding	5.78	5.72	5.91	6.11	7.50	7.81	7.47	7.30
Up	ENSMUSG000000059361	1.29	6.95E-37	Nhsr2	protein_coding	8.12	8.44	8.22	8.38	9.37	9.69	9.51	9.60
Down	ENSMUSG00000001788	-1.62	6.95E-37	Rim2	protein_coding	8.12	7.91	7.80	7.78	6.55	6.56	6.46	6.32
Down	ENSMUSG000000029761	-1.70	7.14E-37	Cald1	protein_coding	8.06	7.92	7.98	8.20	5.97	6.63	6.57	6.29
Down	ENSMUSG000000062760	-1.20	7.24E-37	Shisa1	protein_coding	8.91	8.85	8.93	8.85	7.51	7.85	7.51	7.88
Down	ENSMUSG000000038764	-1.35	9.04E-37	Ptpn3	protein_coding	9.11	9.17	9.08	8.91	7.71	7.98	7.54	7.68
Up	ENSMUSG000000018770	1.16	9.16E-37	Atp5g3	protein_coding	8.93	8.89	9.03	9.00	9.99	10.22	10.26	9.99
Down	ENSMUSG00000007892	-1.78	9.90E-37	Rplp1	protein_coding	11.61	11.25	11.47	11.43	9.91	9.38	9.68	9.64
Up	ENSMUSG000000021253	1.66	1.13E-36	Tgfb3	protein_coding	6.65	6.48	6.44	6.25	8.29	7.91	8.09	7.99
Up	ENSMUSG000000074582	1.03	1.15E-36	Arfgef2	protein_coding	8.79	8.90	8.81	8.94	9.97	9.95	9.78	9.81
Up	ENSMUSG00000002032	1.46	1.18E-36	Tmem25	protein_coding	7.18	7.16	7.09	6.77	8.33	8.57	8.64	8.39
Down	ENSMUSG000000037263	-1.27	1.52E-36	Rps16	protein_coding	9.30	9.20	9.15	9.25	7.84	7.88	8.11	8.04
Down	ENSMUSG000000067274	-1.09	1.53E-36	Rplp0	protein_coding	10.56	10.34	10.38	10.30	9.26	9.29	9.45	9.25
Down	ENSMUSG000000032014	-3.50	1.55E-36	Osf1	protein_coding	6.17	5.77	6.23	5.97	3.04	3.11	3.59	3.17
Down	ENSMUSG000000017344	-3.07	1.80E-36	Vtn	protein_coding	6.46	6.67	6.72	6.56	3.64	4.27	3.87	3.81
Down	ENSMUSG000000026739	-1.10	2.02E-36	Bmi1	protein_coding	9.32	9.27	9.22	9.31	8.22	7.95	8.29	8.27
Up	ENSMUSG000000022747	1.45	2.27E-36	St3gal6	protein_coding	6.73	6.52	6.55	6.66	8.16	8.11	7.85	7.98
Up	ENSMUSG000000055932	1.09	2.48E-36	Fto	protein_coding	9.79	9.67	9.75	9.75	10.74	11.04	10.73	10.73
Up	ENSMUSG00000103770	1.24	2.76E-36	Pcdha9	protein_coding	9.12	9.02	8.82	9.00	10.18	10.40	10.25	10.07
Down	ENSMUSG000000028461	-4.49	2.82E-36	Ccdc107	protein_coding	11.17	10.86	10.83	10.80	6.24	6.87	6.15	6.60
Down	ENSMUSG000000033965	-1.91	2.89E-36	Slc16a2	protein_coding	7.68	7.45	7.31	7.89	5.44	5.93	5.77	5.89
Down	ENSMUSG000000038900	-1.44	3.19E-36	Rpl12	protein_coding	9.89	9.75	9.73	9.92	8.25	8.33	8.52	8.44
Up	ENSMUSG000000027951	1.13	3.30E-36	Adar	protein_coding	9.36	9.44	9.27	9.14	10.48	10.58	10.37	10.26
Up	ENSMUSG000000007476	1.02	3.57E-36	Lrrc8a	protein_coding	8.76	8.84	8.84	8.55	9.86	9.82	9.81	9.57
Up	ENSMUSG000000032855	1.04	3.67E-36	Pkd1	protein_coding	9.07	8.75	9.01	8.79	9.89	9.96	9.91	10.00
Up	ENSMUSG000000037270	1.17	3.69E-36	4932438A13Rik	protein_coding	9.58	9.82	9.63	9.74	10.77	10.93	10.64	11.08
Up	ENSMUSG000000025189	1.01	3.94E-36	Cnm1	protein_coding	9.48	9.49	9.48	9.33	10.42	10.38	10.68	10.29
Down	ENSMUSG000000038463	-2.58	3.95E-36	Ofm12b	protein_coding	7.67	7.28	7.63	7.50	5.37	5.04	4.40	5.23
Up	ENSMUSG000000033595	1.29	4.24E-36	Lg3	protein_coding	8.25	8.13	8.05	7.94	9.51	9.50	9.25	9.50
Down	ENSMUSG000000050017	-1.09	4.30E-36	Pitpn	protein_coding	9.66	9.55	9.60	9.56	8.69	8.63	8.26	8.43
Down	ENSMUSG000000070866	1.21	4.33E-36	Zfp804a	protein_coding	8.30	8.23	8.12	8.12	9.23	9.45	9.47	9.41
Down	ENSMUSG000000061887	-1.16	6.74E-36	Ssbp3	protein_coding	9.70	9.63	9.53	9.59	8.71	8.43	8.12	8.52
Up	ENSMUSG000000027134	1.13	8.45E-36	Lpcat4	protein_coding	7.88	8.03	7.90	7.88	9.01	9.17	8.99	8.86
Down	ENSMUSG000000038642	-4.25	8.48E-36	Ctss	protein_coding	8.66	8.59	8.02	8.06	3.64	5.17	3.83	4.41
Down	ENSMUSG000000051504	-2.81	8.61E-36	Siglech	protein_coding	6.80	6.38	6.53	6.60	4.10	4.60	3.35	4.08
Down	ENSMUSG000000035686	-2.01	1.00E-35	Thrsp	protein_coding	7.70	7.58	7.62	7.36	5.34	5.78	5.61	5.82
Down	ENSMUSG000000031762	-3.93	1.02E-35	Mt2	protein_coding	8.78	9.08	8.92	8.90	3.89	5.45	5.05	5.66
Up	ENSMUSG000000032946	1.91	1.12E-35	Rasgrp2	protein_coding	5.55	5.91	5.80	5.67	7.84	7.45	7.60	7.36
Up	ENSMUSG000000017943	1.18	1.19E-35	Gdap11f	protein_coding	8.43	8.46	8.51	8.19	9.56	9.64	9.61	9.46
Up	ENSMUSG000000001380	1.02	1.19E-35	Hars	protein_coding	8.86	8.69	8.94	8.81	9.92	9.87	9.87	9.69
Down	ENSMUSG000000005672	-2.06	1.20E-35	Kit	protein_coding	8.94	8.98	8.81	8.75	6.76	7.11	5.96	7.27
Up	ENSMUSG000000015745	1.43	1.45E-35	Plekhf1	protein_coding	7.53	7.51	7.46	7.43	8.97	8.86	8.89	8.55
Up	ENSMUSG000000028944	1.28	1.60E-35	Abca2	protein_coding	10.15	9.96	10.15	9.86	11.39	11.12	11.45	11.26
Up	ENSMUSG000000002010	1.02	1.88E-35	ldh3g	protein_coding	8.22	8.27	8.13	8.21	9.16	9.24	9.39	9.07
Down	ENSMUSG000000043557	-2.20	1.88E-35	Mdga1	protein_coding	9.20	8.89	8.99	8.57	6.67	6.91	6.55	6.91
Down	ENSMUSG000000037014	-1.87	2.50E-35	Sstr4	protein_coding	7.75	7.33	7.56	7.21	5.49	5.64	5.76	5.86
Down	ENSMUSG000000006435	-1.08	2.84E-35	Neur1a	protein_coding	9.97	9.94	9.84	9.71	8.55	8.96	8.90	8.73
Up	ENSMUSG000000039954	1.91	3.30E-35	Slk32a	protein_coding	6.03	5.49	5.83	6.19	7.73	7.82	7.80	7.63
Down	ENSMUSG000000006882	-1.48	3.31E-35	Rpl10	protein_coding	10.24	10.11	10.06	10.23	8.60	8.98	8.44	8.66
Down	ENSMUSG000000028630	-1.35	3.56E-35	Dyrk2	protein_coding	9.15	9.28	9.10	9.10	7.92	8.12	7.92	7.45
Down	ENSMUSG000000038855	-1.69	3.57E-35	ltpkb	protein_coding	8.31	8.19	7.98	8.30	6.43	6.84	6.08	6.72
Down	ENSMUSG000000020460	-1.03	4.00E-35	Rps27a	protein_coding	10.09	10.08	10.06	10.12	9.19	8.94	9.13	9.10
Up	ENSMUSG00000103800	1.26	4.19E-35	Pcdha8	protein_coding	9.06	8.92	8.75	8.94	10.13	10.33	10.19	10.04
Down	ENSMUSG000000029436	-1.04	4.49E-35	Mmp17	protein_coding	10.19	10.15	10.08	9.81	9.10	8.98	9.11	8.94
Down	ENSMUSG000000018008	-2.97	4.70E-35	Cytl4	protein_coding	6.54	6.75	6.29	6.43	3.50	4.07	3.45	4.43
Up	ENSMUSG000000048899	1.88	4.74E-35	Rimikla	protein_coding	6.54	6.56	6.20	6.50	8.03	8.37	8.61	8.09
Up	ENSMUSG000000000776	1.21	5.68E-35	Polr3d	protein_coding	7.14	7.20	7.11	6.92	8.41	8.27	8.14	8.24
Down	ENSMUSG000000043301	-1.14	5.90E-35	Kcnj6	protein_coding	9.47	9.41	9.57	9.16	8.38	8.15	8.33	8.24
Up	ENSMUSG00000103255	1.26	8.48E-35	Pcdhac1	protein_coding	9.15	8.98	8.80	8.98	10.19	10.39	10.25	10.11
Up	ENSMUSG000000067925	1.32	9.26E-35	Rtl8a	protein_coding	6.63	6.65	6.42	6.61	7.98	7.87	7.82	7.80
Down	ENSMUSG000000021508	-3.51	9.95E-35	Cxcl14	protein_coding	9.12	9.07	9.07	8.89	5.09	6.17	4.47	6.16
Down	ENSMUSG000000090946	-1.62	1.18E-34	Cdc71l	protein_coding	8.13	8.21	8.08	8.09	6.29	6.24	6.91	6.66
Up	ENSMUSG000000007594	1.81	1.28E-34	Hapln4	protein_coding	8.53	8.43	8.51	8.09	10.05	10.25	10.42	10.01
Down	ENSMUSG000000023046	-3.23	1.29E-34	lftpb6	protein_coding	6.16	6.02	5.68	6.15	4.03	2.85	2.93	3.44
Down	ENSMUSG000000045991	-2.32	1.40E-34	Onecut2	protein_coding	7.47	7.69	7.43	7.43	4.61	5.70	5.14	5.38
Down	ENSMUSG0000000019772	-4.84	1.50E-34	Vip	protein_coding	6.65	6.51	6.13	6.33	3.11	2.78	2.13	2.99
Down	ENSMUSG000000022817	-2.29	1.54E-34	Igfb5	protein_coding	8.09	8.05	7.81	7.85	6.20	5.77	4.87	5.97
Down	ENSMUSG000000026278	-2.64	1.65E-34	Bek	protein_coding	8.12	7.65	8.02	6.02	6.84	4.68	5.96	4.79
Up	ENSMUSG00000104252	1.25	2.10E-34	Pcdha4	protein_coding	9.15	9.02	8.83	8.97	10.19	10.38	10.26	10.12
Up	ENSMUSG000000037843	1.08	2.92E-34	Vstm2l	protein_coding	8.56	8.28	8.52	8.37	9.44	9.62	9.38	9.58
Up	ENSMUSG00000102312	1.27	3.24E-34	Pcdha3	protein_coding	9.10	8.96	8.77	8.95	10.16	10.37	10.22	10.07
Down	ENSMUSG000000038456	-1.23	3.88E-34	Dennd2a	protein_coding	8.61	8.28	8.47	8.40	7.24	7.24	7.35	7.35
Down	ENSMUSG000000035295	-1.22	4.23E-34	Wdr38	protein_coding	9.48	9.31	9.22	9.38	8.02	8.34	7.99	8.16
Up	ENSMUSG000000028649	1.18	4.32E-34	Macf1	protein_coding	11.67	11.65	11.54	11.57	12.83	12.77	12.50	13.00
Down	ENSMUSG000000021662	-1.13	4.84E-34	Arhgef28	protein_coding	9.20	9.07	9.29	9.04	8.00	7.94	8.04	8.14
Down	ENSMUSG000000036478	-1.04	6.07E-34	Btg1	protein_coding	8.19	8.20	8.02	8.00	7.07	7.16	7.11	7.00
Down	ENSMUSG000000053062	-2.09	6.15E-34	Jam2	protein_coding	7.50	7.54	7.55	7.74	5.42	5.85	5.07	5.86
Up	ENSMUSG000000029547	1.06	6.57E-34	Ints1	protein_coding	8.26	8.24	8.21	8.29	9.41	9.26	9.26	9.26
Up	ENSMUSG000000025757	1.04	7.77E-34	Hspa4l	protein_coding	10.30	10.40	9.92	10.07	11.29	11.34	11.19	11.07
Down	ENSMUSG000000022696	-1.20	8.81E-34	Sldt1	protein_coding	8.37	8.20	8.25	8.11	6.91	7.25	6.86	7.18
Up	ENSMUSG000000001334	1.10	8.95E-34	Fndc5	protein_coding	9.25	9.25	9.30	9.11	10.36	10.45	10.37	10.09
Up	ENSMUSG000000024059	1											

Up	ENSMUSG00000035629	1.07	1.06E-33	Rubcn	protein_coding	8.71	8.75	8.66	8.80	9.93	9.87	9.66	9.71
Down	ENSMUSG00000036560	-2.76	1.25E-33	Lgi4	protein_coding	7.04	7.10	6.84	7.03	4.63	4.99	3.50	4.41
Up	ENSMUSG00000043940	1.03	1.46E-33	Wdfy3	protein_coding	10.88	10.81	10.73	10.72	11.84	11.75	11.85	11.82
Up	ENSMUSG000000032452	1.07	1.48E-33	C12n2	protein_coding	9.47	9.54	9.69	9.27	10.65	10.44	10.68	10.49
Up	ENSMUSG000000115293	1.70	1.50E-33	Gm49333	protein_coding	6.72	6.80	6.70	7.10	8.48	8.55	8.48	8.43
Up	ENSMUSG000000038990	1.27	1.54E-33	Cables2	protein_coding	8.02	7.85	8.09	7.80	9.01	9.21	9.46	9.07
Down	ENSMUSG000000030657	-1.03	1.54E-33	Xylt1	protein_coding	9.09	9.13	9.09	9.13	8.03	8.24	8.20	7.86
Up	ENSMUSG000000040964	1.33	1.62E-33	Arhgef10l	protein_coding	7.69	7.63	7.63	7.84	8.75	8.84	9.22	8.94
Down	ENSMUSG000000053110	-2.73	1.63E-33	Yap1	protein_coding	7.15	7.04	6.66	7.26	3.77	4.74	4.24	5.06
Down	ENSMUSG000000015224	-2.13	1.70E-33	Cyp2j9	protein_coding	6.91	6.95	6.83	6.49	4.22	4.87	4.97	5.13
Down	ENSMUSG00000010663	-1.05	1.87E-33	Fads1	protein_coding	9.70	9.55	9.63	9.53	8.63	8.46	8.52	8.65
Up	ENSMUSG000000039579	1.40	1.96E-33	Grin3a	protein_coding	8.18	8.52	8.24	8.74	9.78	10.07	9.62	9.79
Down	ENSMUSG000000044912	-1.34	2.16E-33	Syt16	protein_coding	8.93	9.17	8.91	8.97	7.49	7.87	7.36	7.91
Down	ENSMUSG000000062328	-1.33	2.21E-33	Rpl17	protein_coding	10.44	10.37	10.37	10.37	9.03	9.18	9.22	8.97
Down	ENSMUSG000000062997	-1.19	2.31E-33	Rpl35	protein_coding	9.82	9.68	9.62	9.74	8.36	8.77	8.45	8.51
Up	ENSMUSG000000024887	1.57	2.58E-33	Asah2	protein_coding	6.57	6.99	6.92	6.96	8.53	8.26	8.48	8.35
Down	ENSMUSG000000029638	-1.08	2.84E-33	Glccl1	protein_coding	9.58	9.47	9.45	9.49	8.47	8.65	8.06	8.46
Up	ENSMUSG000000009090	1.07	3.07E-33	Ap1b1	protein_coding	9.46	9.37	9.46	9.30	10.56	10.44	10.55	10.30
Up	ENSMUSG000000033460	1.09	3.10E-33	Armcx1	protein_coding	8.48	8.51	8.42	8.58	9.35	9.80	9.62	9.51
Down	ENSMUSG000000002891	-1.38	4.09E-33	Nab1	protein_coding	9.14	9.19	9.21	9.42	7.70	7.55	7.72	8.17
Up	ENSMUSG000000022270	-1.24	4.29E-33	Retreg1	protein_coding	7.81	7.95	7.86	7.72	9.19	8.97	9.10	8.98
Down	ENSMUSG000000022246	-1.96	4.74E-33	Rai14	protein_coding	6.67	6.86	6.47	6.90	4.59	5.02	5.10	4.92
Down	ENSMUSG000000020101	-2.86	4.78E-33	Vsir	protein_coding	6.65	6.82	6.64	6.54	4.42	3.17	4.35	4.22
Down	ENSMUSG000000033060	-1.67	5.37E-33	Lmo7	protein_coding	9.30	8.96	9.30	9.00	6.94	7.66	7.53	7.75
Up	ENSMUSG000000049796	2.68	5.57E-33	Crh	protein_coding	3.99	4.56	4.70	3.94	6.78	6.77	6.88	6.55
Up	ENSMUSG000000031708	1.17	5.58E-33	Tecr	protein_coding	9.73	9.80	9.68	9.78	10.91	11.07	10.93	10.72
Up	ENSMUSG000000009292	1.57	7.39E-33	Trpm2	protein_coding	7.40	7.67	7.21	7.41	8.98	9.03	8.95	8.94
Up	ENSMUSG000000028051	1.97	9.87E-33	Hcn3	protein_coding	5.85	6.42	5.80	6.10	7.78	8.23	7.87	7.94
Up	ENSMUSG000000020176	1.35	9.88E-33	Grb10	protein_coding	7.41	7.54	7.27	7.90	9.00	8.87	8.84	8.81
Up	ENSMUSG000000007877	4.15	1.02E-32	Tcap	protein_coding	3.25	2.43	3.43	3.15	6.18	6.44	6.73	6.31
Down	ENSMUSG000000034040	-1.42	1.05E-32	Galt17	protein_coding	9.85	9.80	9.99	9.51	8.49	8.15	8.74	8.60
Down	ENSMUSG000000031342	-1.38	1.09E-32	Gpm6b	protein_coding	11.60	11.66	11.65	11.70	10.62	9.99	9.97	10.42
Down	ENSMUSG000000003241	-1.01	1.14E-32	Rasa2	protein_coding	8.35	8.26	8.23	8.46	7.27	7.49	7.34	7.47
Up	ENSMUSG000000021270	-1.20	1.19E-32	Hsp90aa1	protein_coding	12.34	12.28	12.28	12.00	13.55	13.22	13.32	13.17
Down	ENSMUSG000000045128	-1.19	1.20E-32	Rpl18a	protein_coding	10.85	10.80	10.75	10.81	9.69	9.56	9.73	9.49
Up	ENSMUSG000000031367	1.37	1.31E-32	Ap1s2	protein_coding	8.22	8.25	8.22	7.97	8.49	9.57	9.71	9.48
Up	ENSMUSG000000056222	1.14	1.31E-32	Spock1	protein_coding	10.32	10.25	10.27	10.20	11.38	11.36	11.63	11.18
Up	ENSMUSG000000035969	1.11	1.33E-32	Rusc2	protein_coding	9.08	9.07	8.82	8.73	10.01	9.92	10.25	9.94
Down	ENSMUSG000000019990	-1.52	1.35E-32	Pde7b	protein_coding	7.24	7.59	7.38	7.54	5.94	6.15	5.49	6.24
Down	ENSMUSG000000061143	-2.01	1.37E-32	Maml3	protein_coding	7.80	7.42	7.79	7.24	6.11	5.48	5.64	5.28
Down	ENSMUSG000000051497	-2.31	1.45E-32	Kcnj16	protein_coding	6.95	7.18	6.93	7.35	4.19	4.90	5.02	5.46
Up	ENSMUSG000000028584	3.28	1.58E-32	Lrrc38	protein_coding	4.39	3.63	3.80	3.90	7.04	6.56	7.00	6.81
Up	ENSMUSG000000022842	1.68	1.85E-32	Ece2	protein_coding	6.70	6.85	6.70	7.14	8.57	8.55	8.49	8.42
Down	ENSMUSG000000079657	-1.67	1.85E-32	Rab26	protein_coding	7.31	7.36	7.35	7.32	6.18	5.62	5.47	5.57
Up	ENSMUSG000000043857	1.31	1.87E-32	Mgat5b	protein_coding	8.21	8.34	8.06	8.12	9.49	9.38	9.75	9.26
Down	ENSMUSG000000036905	-3.95	1.94E-32	C1qb	protein_coding	7.78	7.37	6.80	6.86	4.19	3.94	3.50	3.29
Down	ENSMUSG000000027009	-1.75	2.18E-32	Ihga4	protein_coding	8.95	8.28	8.32	6.32	6.59	6.41	6.59	6.30
Up	ENSMUSG000000021005	1.56	2.19E-32	Slc39a13	protein_coding	6.82	6.61	6.77	6.73	8.04	8.49	8.22	8.23
Up	ENSMUSG000000028559	1.08	2.28E-32	Osbpl9	protein_coding	8.19	8.17	7.96	8.24	9.19	9.28	9.29	9.08
Down	ENSMUSG000000085925	-2.03	2.31E-32	Rtl1	protein_coding	6.37	6.45	6.70	6.71	4.66	3.84	5.08	4.98
Down	ENSMUSG000000020734	-1.73	2.39E-32	Grin2c	protein_coding	7.39	7.27	7.68	7.38	6.05	5.77	5.86	5.41
Down	ENSMUSG000000050896	-3.78	2.55E-32	Rtn4r2	protein_coding	7.73	7.67	7.73	7.52	4.56	4.40	2.54	4.55
Up	ENSMUSG000000024991	1.93	2.63E-32	Eif3a	protein_coding	10.49	10.38	10.51	10.43	12.48	12.31	12.39	12.33
Down	ENSMUSG000000049044	-1.15	2.75E-32	Rapgef4	protein_coding	12.24	12.07	12.13	12.08	10.88	11.11	11.12	10.76
Down	ENSMUSG000000029135	-1.56	3.22E-32	Fosl2	protein_coding	9.10	9.04	8.91	8.84	7.56	7.46	7.40	7.32
Down	ENSMUSG000000033726	-3.62	3.47E-32	Emx1	protein_coding	5.70	6.25	6.20	5.94	2.57	3.77	3.54	2.24
Up	ENSMUSG000000046997	2.48	3.51E-32	Spsb4	protein_coding	4.62	4.84	4.43	7.08	4.91	6.67	7.14	7.05
Down	ENSMUSG000000041695	-1.61	4.19E-32	Kcnj2	protein_coding	7.14	7.23	7.05	7.06	5.91	5.18	5.45	5.96
Up	ENSMUSG000000029560	2.13	4.90E-32	Smx8	protein_coding	5.10	5.10	5.67	5.72	7.15	7.49	7.54	7.61
Down	ENSMUSG000000031596	-1.83	5.23E-32	Slc7a2	protein_coding	6.97	7.20	7.15	7.37	5.17	5.41	5.13	5.92
Up	ENSMUSG000000024413	1.00	5.43E-32	Npc1	protein_coding	7.99	7.89	8.02	7.71	8.96	8.83	8.93	8.83
Up	ENSMUSG000000028464	2.47	5.85E-32	Tpm2	protein_coding	5.06	4.93	4.78	4.96	7.46	7.36	6.92	7.19
Up	ENSMUSG000000038267	1.06	5.96E-32	Slc22a23	protein_coding	8.53	8.32	8.47	8.28	9.39	9.42	9.64	9.35
Down	ENSMUSG000000033953	-1.03	6.16E-32	Ppp3r1	protein_coding	12.58	12.46	12.52	12.39	11.40	11.61	11.38	11.43
Up	ENSMUSG000000083282	1.28	6.34E-32	Ctcf	protein_coding	7.08	6.90	7.07	6.96	8.27	8.12	8.33	8.30
Up	ENSMUSG000000003500	1.22	7.12E-32	Impdh1	protein_coding	7.60	7.49	7.45	7.29	8.78	8.70	8.74	8.38
Down	ENSMUSG000000054477	-1.02	7.72E-32	Kenn2	protein_coding	8.85	9.02	9.02	8.71	7.87	8.05	7.93	7.74
Up	ENSMUSG000000026792	1.66	8.32E-32	Lrsam1	protein_coding	7.09	7.27	7.01	6.93	8.95	8.50	8.73	8.62
Up	ENSMUSG000000050947	1.05	9.37E-32	Amigo1	protein_coding	9.14	9.16	9.09	8.94	10.21	10.18	10.10	9.99
Up	ENSMUSG000000024777	1.01	9.73E-32	Ppp2r5b	protein_coding	9.28	9.38	9.38	9.20	10.24	10.24	10.41	10.21
Down	ENSMUSG000000021133	-1.26	1.16E-31	Susd6	protein_coding	9.13	8.99	9.03	8.87	7.99	7.48	7.74	7.74
Down	ENSMUSG000000022336	-1.02	1.25E-31	Eif9e	protein_coding	9.29	9.26	9.19	9.35	8.15	8.15	8.45	8.16
Down	ENSMUSG000000031557	-2.43	1.29E-31	Plkha2	protein_coding	7.95	8.22	8.33	4.66	6.22	6.09	6.21	6.21
Down	ENSMUSG000000045114	-1.32	1.95E-31	Prr3	protein_coding	9.96	9.97	10.11	9.80	8.37	8.62	8.68	8.68
Down	ENSMUSG000000115302	-3.25	2.21E-31	Gm49394	protein_coding	8.63	8.16	8.11	9.46	5.88	5.00	5.47	5.75
Up	ENSMUSG000000056900	1.07	2.24E-31	Usp13	protein_coding	7.80	7.83	7.39	7.51	8.83	8.69	8.66	8.63
Down	ENSMUSG000000039706	-1.91	2.35E-31	Ldb2	protein_coding	8.14	8.64	8.34	8.46	6.29	6.89	5.86	6.87
Down	ENSMUSG000000050248	-1.31	2.68E-31	Evc2	protein_coding	7.93	7.86	8.06	7.77	6.76	6.80	6.38	6.57
Up	ENSMUSG000000020919	1.46	2.90E-31	Stat5b	protein_coding	7.09	6.82	7.14	8.41	8.19	8.19	8.68	8.31
Down	ENSMUSG000000048978	-1.04	3.94E-31	Nrsn1	protein_coding	11.05	11.12	11.07	11.05	10.01	10.17	10.14	9.80
Up	ENSMUSG000000075702	1.13	4.06E-31	Selenom	protein_coding	8.35	8.14	8.47	9.59	9.39	9.32	9.41	9.37
Up	ENSMUSG00000016552	1.80	4.07E-31	Foxrd2	protein_coding	6.36	6.56	6.27	6.32	7.98	8.13	8.55	7.76
Down	ENSMUSG000000052430	-2.76	4.21E-31	Bmpr1b	protein_coding	7.43	7.51	7.62	7.62	5.30	5.25	3.40	5.21
Down	ENSMUSG000000030123	-1.68	4.94E-31	Ptxnd1	protein_coding	7.39	7.51	7.14	7.47	5.61	5.89	5.23	6.20
Down	ENSMUSG000000041907	-1.84	5.02E-31	Gpr45	protein_coding	6.88	7.24	7.24	7.31	5.23	5.48	5.31	5.88
Up	ENSMUSG000000020836	2.47	5.73E-31	Coro6	protein_coding	5.44	5.66	5.37	5.28	7.82	7.50	8.11	7.68
Up	ENSMUSG000000039119	1.93</											

Down	ENSMUSG00000031821	-1.15	8.86E-31	Gins2	protein_coding	8.33	8.32	8.37	8.09	7.18	7.02	7.11	7.27
Up	ENSMUSG00000019087	1.02	8.88E-31	Atp6ap1	protein_coding	9.42	9.44	9.39	9.38	10.36	10.52	10.53	10.25
Down	ENSMUSG00000030876	-1.00	8.88E-31	Mettl9	protein_coding	9.15	9.03	9.12	9.11	8.26	7.79	8.17	8.20
Down	ENSMUSG000000048583	-3.26	9.83E-31	Igf2	protein_coding	8.94	8.41	8.25	9.84	6.02	5.31	5.50	6.06
Down	ENSMUSG000000036353	-5.03	1.16E-30	Pzry12	protein_coding	6.73	6.43	6.86	7.09	2.57	2.44	2.00	3.78
Up	ENSMUSG000000066357	1.23	1.22E-30	Wdr6	protein_coding	8.26	8.21	8.37	8.52	9.29	9.56	9.64	9.74
Down	ENSMUSG00000001767	-1.07	1.25E-30	Kat5b	protein_coding	10.39	10.05	10.09	10.05	10.01	10.01	10.01	9.97
Down	ENSMUSG000000058498	-4.01	1.39E-30	Fcgr3	protein_coding	6.78	6.73	6.99	6.12	3.60	2.00	3.45	3.29
Up	ENSMUSG000000021266	1.26	1.44E-30	Wars	protein_coding	8.06	8.30	8.16	7.89	9.52	9.30	9.51	9.06
Down	ENSMUSG000000054934	-1.74	1.48E-30	Kcnmb4	protein_coding	8.86	8.97	9.09	8.83	7.56	6.88	7.54	6.74
Up	ENSMUSG000000021214	3.44	1.56E-30	Akr1c18	protein_coding	4.45	4.20	3.60	4.22	7.44	7.24	7.25	7.06
Down	ENSMUSG000000052726	-1.70	1.73E-30	Kcnt2	protein_coding	8.32	8.35	8.21	8.36	5.96	6.82	7.00	6.63
Up	ENSMUSG000000053693	1.09	1.76E-30	Mast1	protein_coding	9.06	8.93	9.06	8.94	10.05	10.23	10.05	9.99
Up	ENSMUSG000000020019	2.15	1.90E-30	Ntn4	protein_coding	5.65	5.60	5.31	5.53	7.44	7.99	7.30	7.47
Down	ENSMUSG000000033308	-2.08	1.90E-30	Dpyd	protein_coding	6.54	6.74	6.52	6.89	4.00	4.74	4.95	5.15
Down	ENSMUSG000000080316	-2.97	1.92E-30	Spaca6	protein_coding	6.94	7.19	7.44	7.35	4.28	4.19	4.87	4.59
Down	ENSMUSG000000043671	-1.02	2.31E-30	Dpy19l3	protein_coding	8.58	8.50	8.55	8.39	7.59	7.56	7.28	7.56
Down	ENSMUSG000000054675	-3.96	2.35E-30	Tmem119	protein_coding	6.21	5.87	6.21	6.07	2.13	2.98	3.71	2.62
Up	ENSMUSG000000032101	1.46	2.51E-30	Ddx25	protein_coding	8.29	8.38	8.38	8.28	9.89	9.73	9.88	9.60
Down	ENSMUSG000000052397	-1.85	2.99E-30	Ezr	protein_coding	8.15	7.91	7.73	7.97	5.76	5.73	6.33	6.60
Up	ENSMUSG000000021477	1.24	3.20E-30	Ctst	protein_coding	8.21	7.71	7.83	9.23	8.15	9.29	8.93	9.29
Down	ENSMUSG000000040972	-1.58	3.88E-30	Igfb2	protein_coding	7.49	7.71	7.62	7.69	5.84	5.96	6.17	6.41
Down	ENSMUSG000000040479	-1.04	3.88E-30	Dgkz	protein_coding	11.44	11.19	11.59	11.22	10.43	10.35	10.31	10.25
Up	ENSMUSG000000047344	2.77	4.74E-30	Lanc13	protein_coding	5.15	5.63	6.03	5.24	8.04	8.53	8.12	8.14
Down	ENSMUSG000000091387	-3.20	5.36E-30	Gcnt4	protein_coding	5.94	5.91	6.12	5.53	3.23	3.87	2.63	3.29
Up	ENSMUSG000000042817	1.59	6.05E-30	Flt3	protein_coding	5.54	6.05	5.94	5.81	7.45	7.34	7.47	7.21
Down	ENSMUSG000000020614	-2.05	6.26E-30	Fam20a	protein_coding	6.39	6.36	6.21	6.09	4.68	4.54	3.97	4.46
Down	ENSMUSG000000050721	-1.94	6.82E-30	Plekho2	protein_coding	6.85	6.69	6.61	6.77	4.59	5.21	4.83	5.05
Down	ENSMUSG000000029687	-2.25	7.40E-30	Ezh2	protein_coding	7.37	7.43	7.19	7.21	5.25	4.64	4.87	5.75
Up	ENSMUSG000000020802	1.20	8.68E-30	Ube2o	protein_coding	8.86	8.87	8.83	8.76	10.12	10.05	10.14	9.87
Down	ENSMUSG000000071337	-1.12	9.40E-30	Tia1	protein_coding	8.19	8.39	8.94	8.44	7.15	7.42	7.23	7.37
Up	ENSMUSG000000052337	1.03	1.20E-29	Irmr	protein_coding	9.06	9.14	8.93	8.88	10.13	9.93	10.14	9.91
Down	ENSMUSG000000033594	-1.22	1.20E-29	Spata2	protein_coding	7.70	7.92	7.79	6.62	6.76	6.24	6.63	6.60
Down	ENSMUSG000000007656	-1.22	1.29E-29	Arpp19	protein_coding	9.50	9.62	9.28	9.55	8.20	8.55	8.14	8.24
Up	ENSMUSG000000047250	1.87	1.29E-29	Ptgs1	protein_coding	5.57	5.89	5.73	5.70	7.41	7.68	7.75	7.14
Down	ENSMUSG000000024286	-1.03	1.29E-29	Ccny	protein_coding	10.34	10.21	10.28	10.32	9.04	9.42	9.20	9.37
Down	ENSMUSG000000024899	-2.94	1.31E-29	Paps2	protein_coding	6.81	6.48	6.35	6.62	3.29	3.56	4.59	4.17
Down	ENSMUSG000000089922	-1.14	1.63E-29	Gm43517	protein_coding	8.67	8.77	8.77	8.42	7.75	7.75	7.24	7.58
Down	ENSMUSG000000025608	-2.36	1.64E-29	Podxl	protein_coding	6.44	6.45	6.51	6.37	4.63	3.91	3.67	4.81
Up	ENSMUSG000000025089	1.07	1.71E-29	Gfra1	protein_coding	8.20	8.04	8.29	8.19	9.11	9.44	9.34	9.06
Down	ENSMUSG000000020096	-4.13	2.23E-29	Tbata	protein_coding	6.14	5.72	5.74	5.48	2.90	2.34	2.00	3.48
Down	ENSMUSG000000022773	-1.97	2.23E-29	Ypel1	protein_coding	7.85	7.85	7.61	7.89	5.09	5.91	6.24	6.14
Up	ENSMUSG000000047434	1.22	2.50E-29	Xyyl1	protein_coding	7.45	7.32	7.29	7.33	8.36	8.72	8.58	8.51
Up	ENSMUSG000000056296	1.01	2.77E-29	Synpr	protein_coding	8.52	8.71	8.68	8.61	9.53	9.62	9.76	9.63
Up	ENSMUSG000000043822	2.34	2.78E-29	Adamts15	protein_coding	5.34	5.35	4.43	5.04	7.28	7.40	7.43	7.00
Down	ENSMUSG000000041308	-1.35	2.86E-29	Sntb2	protein_coding	8.60	8.39	8.58	8.54	7.44	7.31	6.77	7.20
Down	ENSMUSG000000046384	-1.32	2.99E-29	Rpl27a	protein_coding	10.26	10.08	10.16	10.16	8.88	9.11	8.80	8.80
Down	ENSMUSG000000032373	-2.70	3.48E-29	Car12	protein_coding	7.07	6.50	6.91	7.58	4.82	4.61	5.05	4.61
Down	ENSMUSG000000020251	-2.97	3.73E-29	Gli8d2	protein_coding	5.73	6.37	6.20	6.27	2.57	4.27	3.50	3.70
Up	ENSMUSG000000031139	2.10	4.57E-29	Mcf2	protein_coding	5.23	4.79	5.45	5.41	7.26	7.33	7.37	6.90
Up	ENSMUSG000000034863	1.38	5.05E-29	Ano8	protein_coding	7.50	7.01	7.36	7.38	8.68	8.73	8.92	8.32
Up	ENSMUSG000000027384	1.13	5.10E-29	Ndufa5	protein_coding	7.60	7.51	7.55	7.26	8.61	8.66	8.58	8.53
Down	ENSMUSG000000026626	-1.12	5.12E-29	Ppp2r5a	protein_coding	9.30	9.21	8.98	9.13	8.04	7.82	8.12	8.22
Down	ENSMUSG000000052135	-2.72	5.43E-29	Foxo6	protein_coding	7.17	6.92	7.03	6.77	4.80	4.72	3.19	4.74
Down	ENSMUSG000000020173	-1.55	5.55E-29	Cobl	protein_coding	8.61	8.62	8.60	7.21	6.55	7.03	7.07	7.07
Down	ENSMUSG000000040721	-1.14	5.56E-29	Zfhx2	protein_coding	10.24	10.07	10.20	9.93	8.91	9.29	8.65	9.00
Down	ENSMUSG000000048410	-1.07	5.74E-29	Zfp407	protein_coding	8.48	8.33	8.19	7.18	8.16	7.30	7.22	7.20
Up	ENSMUSG000000025613	1.06	5.92E-29	Ccl8	protein_coding	9.02	9.12	8.92	9.06	10.06	10.25	10.01	10.00
Down	ENSMUSG000000048148	-1.59	6.11E-29	Nwd1	protein_coding	8.99	8.73	8.67	8.69	7.29	7.10	6.76	7.58
Down	ENSMUSG000000047446	-1.30	6.33E-29	Arl4a	protein_coding	8.28	8.42	8.18	8.55	6.92	6.91	6.97	7.47
Down	ENSMUSG000000068315	-2.87	6.91E-29	Cyp26b1	protein_coding	6.42	6.27	6.96	6.33	4.56	4.07	3.71	3.44
Down	ENSMUSG000000049517	-1.05	7.45E-29	Rps23	protein_coding	11.31	11.14	11.14	11.20	10.05	10.14	10.11	10.26
Down	ENSMUSG000000060002	-1.24	8.29E-29	Chpt1	protein_coding	8.86	8.93	8.74	8.91	7.34	7.74	7.61	7.80
Down	ENSMUSG000000036402	-1.80	8.61E-29	Gng12	protein_coding	9.18	9.26	9.13	9.17	7.80	6.72	7.19	7.67
Up	ENSMUSG000000096054	1.02	8.81E-29	Syne1	protein_coding	12.44	12.34	12.31	12.25	13.32	13.30	13.18	13.60
Up	ENSMUSG000000025151	1.03	9.86E-29	Maged1	protein_coding	10.56	10.52	10.52	10.39	11.44	11.66	11.57	11.43
Up	ENSMUSG00000001053	1.77	1.06E-28	N4bp3	protein_coding	6.13	6.28	6.35	6.55	8.14	7.88	8.29	7.87
Up	ENSMUSG000000018339	2.08	1.09E-28	Gpx3	protein_coding	5.70	5.87	5.52	5.81	7.32	8.04	7.59	7.86
Up	ENSMUSG000000025854	1.36	1.14E-28	Fam20c	protein_coding	7.61	7.93	7.57	7.86	9.18	8.99	9.02	9.17
Up	ENSMUSG000000027603	1.24	1.14E-28	Ggt7	protein_coding	8.02	8.02	8.26	7.96	9.30	9.45	9.12	9.12
Up	ENSMUSG000000042487	1.17	1.14E-28	Leo1	protein_coding	7.40	7.36	7.42	7.51	8.68	8.51	8.59	8.51
Down	ENSMUSG000000031320	-1.27	1.39E-28	Rps4x	protein_coding	10.18	10.09	10.02	10.11	7.80	8.94	8.80	8.82
Down	ENSMUSG000000027977	-1.03	1.44E-28	Nds3	protein_coding	8.62	8.71	8.66	8.71	7.87	7.71	7.64	7.51
Down	ENSMUSG000000051656	-1.02	1.51E-28	Cd2ap	protein_coding	7.78	7.97	7.97	7.97	6.60	6.77	6.86	6.89
Up	ENSMUSG000000000308	1.04	1.63E-28	Ckmt1	protein_coding	9.48	9.59	9.41	9.39	10.50	10.56	10.41	10.56
Down	ENSMUSG000000027698	-1.17	2.00E-28	Nceh1	protein_coding	9.31	9.33	9.17	9.12	10.40	10.24	10.67	10.22
Up	ENSMUSG000000005917	-3.60	2.13E-28	Otx1	protein_coding	5.13	5.43	5.13	5.63	2.90	2.85	2.63	2.85
Up	ENSMUSG000000040054	1.21	2.17E-28	Baz2a	protein_coding	9.08	9.06	8.88	8.82	10.18	10.28	10.15	10.05
Down	ENSMUSG000000044477	-1.03	2.29E-28	Zfand3	protein_coding	9.05	9.08	8.86	8.86	7.86	7.99	8.08	8.12
Down	ENSMUSG000000053799	-1.12	2.67E-28	Exoc6	protein_coding	8.62	8.87	8.64	8.64	7.32	7.67	7.76	7.56
Up	ENSMUSG000000029126	1.04	2.70E-28	Nsg1	protein_coding	9.75	9.73	9.73	9.68	10.54	10.91	10.88	10.72
Up	ENSMUSG000000060924	1.03	2.78E-28	Csm1d	protein_coding	9.29	9.37	9.45	9.57	10.29	10.53	10.36	10.59
Down	ENSMUSG000000069833	-1.62	2.84E-28	Ahnak	protein_coding	8.00	7.81	7.74	7.95	6.72	5.82	5.97	6.55
Down	ENSMUSG000000026365	-2.57	3.12E-28	Cfh	protein_coding	6.46	6.20	5.70	6.28	3.73	4.27	3.45	4.17
Down	ENSMUSG000000048027	-1.43	3.40E-28	Stard5	protein_coding	7.50	7.28	7.29	7.16	6.05	5.92	6.04	5.84
Down	ENSMUSG000000007888	-2.91	3.46E-28	Chf1	protein_coding	5.79	5.70	6.04	5.85	3.81	3.77	2.63	3.44
Down	ENSMUSG000000039887	-1.62	3.49E-28	Rre1b	protein_coding								

Down	ENSMUSG00000008136	-1.64	4.10E-28	Fhl2	protein_coding	7.31	7.48	7.52	7.13	5.78	5.66	6.21	5.44
Up	ENSMUSG00000010914	1.09	4.36E-28	Pdhx	protein_coding	8.05	7.73	7.85	7.92	8.99	8.91	9.03	8.93
Down	ENSMUSG00000015575	-1.65	4.82E-28	Atp6v0e	protein_coding	6.78	6.80	6.89	6.90	6.90	5.48	5.19	5.65
Down	ENSMUSG00000007613	-1.63	4.95E-28	Tgfb1	protein_coding	7.55	7.42	7.56	7.46	6.17	5.39	6.07	6.00
Down	ENSMUSG00000035237	-2.90	5.47E-28	Lcat	protein_coding	7.37	7.29	7.42	6.98	5.11	4.32	4.04	4.28
Down	ENSMUSG00000025256	-1.71	6.71E-28	Zfh4	protein_coding	8.62	8.35	8.35	8.50	7.03	6.41	6.40	7.15
Down	ENSMUSG00000008546	-1.37	6.82E-28	Rpl23a	protein_coding	10.25	10.28	10.42	10.34	9.25	8.73	9.07	8.92
Down	ENSMUSG00000004609	-2.57	9.18E-28	Cd33	protein_coding	5.92	5.68	5.77	6.22	3.64	4.16	3.45	3.66
Up	ENSMUSG00000037946	1.83	9.43E-28	Fgd3	protein_coding	5.80	5.52	5.64	5.22	7.33	7.24	7.08	7.49
Up	ENSMUSG00000034327	1.38	1.04E-27	Kctd9	protein_coding	6.64	6.38	6.62	6.89	8.03	8.08	8.08	7.77
Up	ENSMUSG00000059316	1.15	1.09E-27	Slc27a4	protein_coding	8.19	7.82	8.07	7.86	9.25	8.99	9.16	9.09
Up	ENSMUSG00000026141	1.55	1.11E-27	Col19a1	protein_coding	6.53	6.52	6.65	6.52	8.07	7.63	8.31	8.19
Down	ENSMUSG00000020821	-1.02	1.22E-27	Kif1c	protein_coding	10.01	9.73	9.97	9.89	8.89	8.70	9.05	8.91
Down	ENSMUSG00000022329	-1.50	1.31E-27	Stk3	protein_coding	8.38	8.50	8.42	8.48	7.30	6.54	6.91	7.07
Up	ENSMUSG00000029755	2.73	1.34E-27	Dlx5	protein_coding	4.87	5.63	5.04	5.58	7.84	8.29	7.65	7.80
Down	ENSMUSG00000030218	-4.71	1.38E-27	Mgp	protein_coding	4.91	5.87	5.59	5.71	2.74	2.62	2.54	2.54
Down	ENSMUSG00000064373	-1.25	1.39E-27	Selenop	protein_coding	10.82	10.82	10.40	10.49	9.47	9.55	9.15	9.38
Down	ENSMUSG00000026436	-1.13	1.44E-27	Elk4	protein_coding	8.84	9.04	8.90	8.99	8.08	7.69	7.48	8.00
Up	ENSMUSG00000050705	1.05	1.47E-27	2310061104Rik	protein_coding	7.45	7.62	7.55	7.53	8.46	8.53	8.73	8.58
Down	ENSMUSG00000049288	-1.47	1.51E-27	Liv1l	protein_coding	7.54	7.37	7.64	7.59	5.71	6.29	6.08	6.32
Down	ENSMUSG00000044933	-1.95	1.56E-27	Sstr3	protein_coding	7.54	7.80	7.58	7.60	5.11	6.20	5.46	5.86
Up	ENSMUSG00000036699	1.94	1.64E-27	Zcchc12	protein_coding	6.79	7.06	6.28	7.38	8.72	9.07	8.70	8.84
Down	ENSMUSG00000002274	-1.61	1.74E-27	Metrn	protein_coding	7.93	7.63	7.60	7.81	6.03	5.97	6.29	6.29
Up	ENSMUSG00000024427	1.63	1.81E-27	Spry4	protein_coding	6.96	7.40	7.12	6.59	8.85	8.55	8.66	8.49
Down	ENSMUSG00000039835	-2.33	2.11E-27	Nhs1	protein_coding	8.91	8.91	8.90	8.89	6.75	6.21	6.85	6.60
Up	ENSMUSG00000034570	2.18	2.61E-27	Inpp5j	protein_coding	7.65	7.73	7.94	7.52	9.92	10.03	9.76	9.78
Down	ENSMUSG00000062006	-1.44	2.76E-27	Rpl34	protein_coding	9.68	9.52	9.47	9.62	8.03	8.51	8.04	7.93
Down	ENSMUSG00000020709	-2.79	2.82E-27	Adap2	protein_coding	5.74	5.70	5.63	5.53	3.29	3.52	3.13	3.66
Down	ENSMUSG00000041771	-1.89	3.11E-27	Slc24a4	protein_coding	7.80	7.66	7.89	7.89	5.29	6.35	5.54	6.41
Down	ENSMUSG00000026065	-3.49	3.32E-27	Slc9a4	protein_coding	6.79	6.61	6.83	6.51	3.45	3.33	3.54	4.23
Down	ENSMUSG00000031627	-1.17	3.32E-27	Irf2	protein_coding	8.21	8.14	8.12	8.22	7.12	7.18	7.03	6.83
Down	ENSMUSG00000019960	-1.90	3.62E-27	Dusp6	protein_coding	8.03	7.93	7.66	7.69	6.43	5.64	5.52	6.22
Down	ENSMUSG00000031245	-2.01	4.05E-27	Hmg5	protein_coding	7.64	7.45	7.41	7.41	6.01	5.36	5.62	5.93
Up	ENSMUSG00000032127	1.16	4.12E-27	Irf11	protein_coding	7.54	7.80	7.62	7.56	8.81	8.77	8.77	8.77
Down	ENSMUSG00000033491	-4.12	4.67E-27	Prss35	protein_coding	5.76	5.78	6.19	6.15	3.40	2.00	2.45	3.29
Down	ENSMUSG00000050229	-1.28	5.13E-27	Pigm	protein_coding	7.41	7.36	7.54	7.30	6.44	5.99	6.08	6.15
Up	ENSMUSG00000021868	1.24	5.15E-27	Ppif	protein_coding	7.21	7.32	7.40	7.16	8.44	8.57	8.45	8.50
Up	ENSMUSG00000045314	1.91	5.58E-27	Sowahb	protein_coding	5.64	5.78	5.46	5.55	7.39	7.33	7.57	7.43
Down	ENSMUSG00000000732	-2.84	5.62E-27	Icosl	protein_coding	5.89	5.76	5.94	5.40	2.90	3.61	3.50	3.70
Down	ENSMUSG00000060961	-1.04	5.77E-27	Slc4a4	protein_coding	9.97	10.00	10.11	9.88	8.69	9.30	8.80	8.98
Down	ENSMUSG00000090125	-2.10	6.32E-27	Pou3f1	protein_coding	8.51	7.99	8.49	8.09	6.88	5.95	6.11	5.81
Down	ENSMUSG00000038976	-1.05	6.44E-27	Ppp1r9b	protein_coding	13.55	13.44	13.40	13.12	12.45	12.26	12.30	12.22
Up	ENSMUSG00000036932	1.27	6.73E-27	Aifm1	protein_coding	6.93	7.07	6.86	6.98	8.22	8.28	8.16	8.17
Up	ENSMUSG00000047606	1.53	8.00E-27	Ankrd34c	protein_coding	5.73	5.41	5.49	5.86	7.14	7.01	7.10	7.10
Up	ENSMUSG00000057766	1.17	9.72E-27	Ankrd29	protein_coding	7.81	7.49	7.29	7.35	8.78	8.64	8.54	8.38
Up	ENSMUSG00000062526	1.02	9.83E-27	Mppe1	protein_coding	7.87	8.24	7.97	8.18	8.97	9.17	9.18	8.99
Down	ENSMUSG00000028936	-1.13	1.08E-26	Rpl22	protein_coding	9.66	9.36	9.54	9.51	8.37	8.22	8.29	8.68
Up	ENSMUSG00000015683	1.30	1.09E-26	Sleap2	protein_coding	6.72	6.54	6.14	7.12	8.49	8.52	8.53	8.59
Up	ENSMUSG00000027254	1.05	1.25E-26	Map1a	protein_coding	12.85	12.64	12.67	12.43	13.91	13.63	13.79	13.47
Up	ENSMUSG00000005986	1.16	1.27E-26	Ankrd13d	protein_coding	7.21	7.36	7.30	7.43	8.50	8.61	8.55	8.18
Down	ENSMUSG00000038132	-2.00	1.29E-26	Rbm24	protein_coding	6.51	6.84	7.18	6.78	5.12	4.76	4.92	5.13
Down	ENSMUSG00000041559	-3.48	1.30E-26	Fmod	protein_coding	5.48	5.87	5.97	5.65	3.35	3.33	2.79	2.78
Down	ENSMUSG00000027239	-3.04	1.31E-26	Mdk	protein_coding	5.78	5.52	5.59	6.05	3.35	2.62	3.75	3.39
Up	ENSMUSG00000036748	1.01	1.38E-26	Cuedc2	protein_coding	8.45	8.41	8.52	8.46	9.44	9.46	9.55	9.41
Down	ENSMUSG00000007617	-1.06	1.39E-26	Homer1	protein_coding	10.39	10.40	10.22	10.24	9.09	9.28	9.28	9.36
Up	ENSMUSG00000024811	1.22	1.50E-26	Tnks2	protein_coding	10.04	10.06	9.95	10.02	11.33	11.39	11.05	11.15
Down	ENSMUSG00000004719	-2.73	1.50E-26	Nxph3	protein_coding	7.45	7.12	6.99	6.91	5.11	3.65	4.87	4.46
Down	ENSMUSG00000008398	-1.71	1.81E-26	Elk3	protein_coding	5.98	5.93	5.87	5.91	4.44	4.52	4.44	4.55
Up	ENSMUSG00000030683	1.15	1.89E-26	Sez6l2	protein_coding	10.45	10.33	10.21	10.05	11.75	11.32	11.36	11.17
Down	ENSMUSG00000051000	-2.66	1.90E-26	Fam160a1	protein_coding	6.56	6.69	6.65	6.62	4.19	3.38	4.07	4.79
Up	ENSMUSG00000010496	2.85	2.00E-26	Nlix2-1	protein_coding	4.29	4.13	4.43	4.48	7.20	6.54	6.74	7.12
Up	ENSMUSG00000033885	1.26	2.29E-26	Pxk	protein_coding	7.35	7.42	7.37	7.20	8.53	8.85	8.64	8.19
Up	ENSMUSG00000018001	1.03	3.07E-26	Cyth3	protein_coding	8.31	8.13	8.27	8.09	9.28	9.14	9.40	9.03
Up	ENSMUSG00000049985	2.21	3.08E-26	Ankrd55	protein_coding	4.84	5.52	5.42	4.80	7.45	7.23	7.10	7.22
Up	ENSMUSG00000028710	1.24	3.28E-26	Ataf1	protein_coding	7.90	7.96	8.00	8.03	9.13	9.17	9.38	9.11
Up	ENSMUSG00000031007	1.24	3.58E-26	Atp6ap2	protein_coding	8.89	9.00	8.84	9.04	10.23	10.13	10.35	9.95
Down	ENSMUSG00000030166	-1.50	4.05E-26	Rad52	protein_coding	7.51	7.49	7.70	7.67	5.71	5.86	6.58	6.27
Down	ENSMUSG00000036890	-1.16	4.35E-26	Gtld1	protein_coding	8.26	8.30	8.39	8.42	6.76	7.46	7.24	7.28
Down	ENSMUSG00000020785	-1.14	4.87E-26	Camkk1	protein_coding	9.49	9.46	9.68	9.36	8.42	8.41	8.38	8.29
Down	ENSMUSG00000025402	-1.38	4.89E-26	Nab2	protein_coding	7.38	7.33	7.52	7.68	6.43	5.92	6.29	5.93
Up	ENSMUSG00000028789	1.35	5.20E-26	Azin2	protein_coding	7.08	6.90	6.97	6.90	8.05	8.45	8.57	8.17
Down	ENSMUSG00000079110	-2.51	5.88E-26	Capn3	protein_coding	6.16	6.31	6.18	6.30	4.49	4.49	4.23	4.23
Up	ENSMUSG00000027776	1.29	6.76E-26	Stamip1l	protein_coding	6.60	6.73	6.83	6.73	8.13	8.16	8.13	7.94
Up	ENSMUSG00000027361	1.68	7.22E-26	Bcl2l11	protein_coding	5.64	5.50	5.64	5.84	7.49	6.84	7.08	6.96
Up	ENSMUSG00000015656	1.03	9.70E-26	Hspa8	protein_coding	12.89	12.60	12.47	12.44	13.78	13.61	13.68	13.48
Down	ENSMUSG00000063457	-1.26	1.04E-25	Rps15	protein_coding	10.15	9.95	10.04	10.02	8.70	8.87	8.65	8.90
Down	ENSMUSG00000015852	-3.50	1.13E-25	Fcrls	protein_coding	6.51	6.41	6.10	6.12	2.66	3.91	2.54	3.92
Up	ENSMUSG00000096014	1.49	1.16E-25	Sox1	protein_coding	7.09	7.30	7.33	7.42	8.53	8.85	8.85	8.74
Down	ENSMUSG00000037071	-1.09	1.23E-25	Scd1	protein_coding	10.06	9.86	9.88	10.10	9.13	8.58	8.80	9.00
Down	ENSMUSG00000025170	-1.76	1.32E-25	Rab40b	protein_coding	7.41	7.30	7.56	7.55	5.14	6.00	5.82	5.98
Down	ENSMUSG000000049420	-1.41	1.52E-25	Tmem200a	protein_coding	7.49	7.38	7.13	7.53	6.03	6.22	5.98	5.93
Up	ENSMUSG00000002633	3.25	1.54E-25	Shh	protein_coding	3.81	3.11	3.65	3.50	5.84	6.53	6.40	6.20
Down	ENSMUSG00000034361	-1.57	1.65E-25	Cpne2	protein_coding	7.96	8.06	7.78	7.86	6.28	5.99	6.28	6.93
Up	ENSMUSG00000023391	2.95	1.66E-25	Dlx2	protein_coding	4.84	5.17	4.49	5.34	7.74	7.71	7.87	7.81
Down	ENSMUSG00000026163	-1.01	1.77E-25	Sphkap	protein_coding	10.41	10.37	10.29	10.08	9.13	9.50	9.37	9.10
Down	ENSMUSG00000046352	-3.65	2.28E-25	Gjb2	protein_coding	5.15	5.92	5.86	5.78	3.29	2.98	2.62	2.62
Down	ENSMUSG00000022148	-2.90	2.71E-25	Frb	protein_coding	6.59	6.37	5.93	6.37	4.13	3.67	3.95	3.95

Down	ENSMUSG00000007944	-1.20	3.28E-25	Ttc9b	protein_coding	9.03	8.91	8.81	8.77	7.59	7.87	7.80	7.51
Up	ENSMUSG000000039154	2.04	3.29E-25	Shd	protein_coding	6.43	6.40	6.77	6.27	8.20	8.57	8.70	8.34
Down	ENSMUSG000000047712	-1.81	3.39E-25	Ust	protein_coding	9.13	9.05	9.27	9.10	7.13	7.11	7.89	7.12
Up	ENSMUSG000000038845	1.34	3.44E-25	Phb	protein_coding	7.81	7.71	7.88	7.84	8.96	9.16	9.35	9.02
Down	ENSMUSG000000024713	-1.23	3.54E-25	Pcsk5	protein_coding	7.53	7.39	7.33	7.38	5.73	6.29	6.51	6.24
Down	ENSMUSG000000019936	-3.99	3.65E-25	Epyc	protein_coding	5.28	5.25	5.27	5.33	2.13	2.92	2.45	2.85
Up	ENSMUSG000000023951	1.37	3.82E-25	Tcfim	protein_coding	7.70	7.71	7.47	7.32	8.94	9.22	8.86	8.68
Down	ENSMUSG000000027982	-2.60	4.39E-25	Vcam1	protein_coding	6.36	5.82	6.26	6.65	3.35	3.84	4.13	4.55
Up	ENSMUSG000000023909	1.12	4.78E-25	Pap4	protein_coding	8.51	8.44	8.40	8.27	9.80	9.58	9.25	9.36
Up	ENSMUSG000000030259	1.17	4.90E-25	Rassf8	protein_coding	7.68	7.75	7.86	7.91	9.08	8.86	8.98	8.87
Down	ENSMUSG000000035649	-1.06	5.42E-25	Zcchc7	protein_coding	8.43	8.64	8.82	8.70	7.86	7.49	7.58	7.48
Up	ENSMUSG000000079020	1.02	5.87E-25	Slc45a4	protein_coding	8.70	8.36	8.25	8.32	9.53	9.35	9.55	9.27
Down	ENSMUSG000000022212	-1.02	6.15E-25	Cpne6	protein_coding	10.08	9.90	10.12	9.87	8.69	9.04	9.07	9.10
Down	ENSMUSG000000020248	-1.30	6.18E-25	Nfyb	protein_coding	9.02	9.03	9.29	9.12	8.12	7.63	7.44	8.03
Up	ENSMUSG000000032131	1.23	6.20E-25	Abcg4	protein_coding	8.09	7.81	7.93	7.81	8.92	9.28	9.31	8.99
Down	ENSMUSG000000061718	-2.69	6.36E-25	Ppp1r1b	protein_coding	8.28	7.88	8.05	8.09	5.04	5.61	4.52	6.00
Down	ENSMUSG000000021721	-1.38	6.58E-25	Htr1a	protein_coding	8.05	8.24	8.02	7.95	6.89	6.61	6.36	6.95
Down	ENSMUSG000000039474	-1.52	7.10E-25	Wfs1	protein_coding	8.92	8.67	8.54	8.96	7.42	7.47	6.80	7.38
Up	ENSMUSG000000039683	1.18	7.42E-25	Sdk1	protein_coding	5.97	6.30	6.14	6.15	7.27	7.15	7.40	7.28
Up	ENSMUSG000000039661	1.01	9.14E-25	Dusp28	protein_coding	8.31	8.54	8.19	8.31	9.51	9.20	9.20	9.44
Down	ENSMUSG000000030729	-1.05	1.05E-24	Pgm2r1	protein_coding	11.71	11.75	11.53	11.65	10.53	10.67	10.77	10.45
Down	ENSMUSG000000059857	-2.48	1.07E-24	Ntng1	protein_coding	8.55	8.92	8.41	8.55	5.81	6.77	5.38	6.48
Down	ENSMUSG000000025967	-1.01	1.07E-24	Eef1b2	protein_coding	9.88	9.88	9.93	10.04	9.21	8.98	8.74	8.91
Up	ENSMUSG000000004565	1.22	1.14E-24	Pnpla6	protein_coding	7.19	7.21	7.16	7.55	8.25	8.78	8.53	8.32
Up	ENSMUSG000000024966	1.09	1.14E-24	Sltp1	protein_coding	9.74	9.62	9.24	9.34	10.76	10.68	10.52	10.35
Down	ENSMUSG000000008668	-1.29	1.17E-24	Rps18	protein_coding	9.79	9.55	9.77	9.73	8.45	8.43	8.47	8.39
Up	ENSMUSG000000024773	1.16	1.23E-24	Atg2a	protein_coding	7.58	7.43	7.17	7.35	8.69	8.55	8.58	8.27
Down	ENSMUSG000000042797	-1.74	1.24E-24	Aap11	protein_coding	7.21	7.14	7.32	7.32	5.07	5.95	5.46	5.75
Down	ENSMUSG000000039004	-2.58	1.29E-24	Bmp6	protein_coding	6.20	5.95	5.88	6.51	3.50	3.91	3.87	4.33
Down	ENSMUSG000000026676	-3.15	1.31E-24	Ccdc3	protein_coding	6.79	6.82	6.75	6.48	3.17	4.90	3.63	3.34
Up	ENSMUSG000000093536	1.28	1.41E-24	Smim17	protein_coding	6.99	7.00	6.80	7.14	8.05	8.29	8.41	8.41
Up	ENSMUSG000000051527	1.27	1.48E-24	Usp29	protein_coding	8.19	8.42	8.41	8.49	9.29	9.78	9.75	9.70
Down	ENSMUSG000000037148	-2.53	1.49E-24	Artgap10	protein_coding	6.78	7.17	7.12	7.15	3.69	4.78	4.78	4.59
Down	ENSMUSG000000069132	-3.15	1.75E-24	Rfx1	protein_coding	4.22	4.15	3.83	4.09	6.25	6.15	6.29	7.35
Up	ENSMUSG000000028975	1.13	1.75E-24	Pex14	protein_coding	7.77	7.55	7.83	7.74	8.88	8.84	8.90	8.74
Down	ENSMUSG000000040229	-4.27	1.83E-24	Gpr34	protein_coding	4.98	4.89	5.56	5.97	2.82	2.34	2.13	2.92
Up	ENSMUSG000000026458	1.00	2.00E-24	Ppfla4	protein_coding	9.58	9.61	9.59	9.51	10.50	10.57	10.71	10.50
Down	ENSMUSG000000067786	-1.85	2.11E-24	Nnat	protein_coding	10.10	10.17	10.00	10.42	8.23	8.57	7.60	8.72
Up	ENSMUSG000000027194	1.02	2.39E-24	Ttc17	protein_coding	7.62	7.60	7.91	7.78	8.80	8.52	8.91	8.72
Up	ENSMUSG000000038264	1.03	2.41E-24	Sema7a	protein_coding	8.84	8.55	8.96	8.61	9.88	9.76	9.89	9.53
Up	ENSMUSG000000032306	1.36	2.64E-24	Mpi	protein_coding	6.93	7.16	6.96	7.19	8.25	8.36	8.68	8.23
Down	ENSMUSG000000052146	-1.18	2.64E-24	Rps10	protein_coding	8.60	8.50	8.54	8.44	7.19	7.39	7.19	7.39
Down	ENSMUSG000000027452	-1.47	2.65E-24	Acss1	protein_coding	7.12	7.43	7.33	7.28	5.90	5.42	6.06	6.08
Down	ENSMUSG000000018593	-2.69	2.91E-24	Sparc	protein_coding	9.71	9.69	9.53	9.48	6.90	7.46	5.70	7.23
Down	ENSMUSG000000055538	-1.42	3.00E-24	Zcchc24	protein_coding	9.48	9.40	9.30	9.25	8.48	7.64	7.62	7.92
Down	ENSMUSG000000032500	-2.08	3.08E-24	Dclk3	protein_coding	6.79	6.55	6.81	6.62	4.66	3.77	5.20	5.11
Down	ENSMUSG000000010086	-1.19	3.29E-24	Rif112	protein_coding	9.03	8.90	9.14	8.55	7.69	7.89	7.78	7.78
Up	ENSMUSG000000002812	1.55	3.52E-24	Fili	protein_coding	7.94	7.50	7.61	7.32	9.24	8.93	9.26	9.10
Down	ENSMUSG000000043496	-1.62	3.52E-24	Tril	protein_coding	8.04	7.84	8.17	7.97	6.42	6.76	5.77	6.62
Down	ENSMUSG000000051817	-1.44	3.57E-24	Sox12	protein_coding	7.96	7.99	8.24	8.01	6.89	6.03	6.70	6.83
Up	ENSMUSG000000031790	1.77	3.63E-24	Mmp15	protein_coding	6.18	6.09	5.91	6.56	8.21	7.76	7.90	7.76
Up	ENSMUSG000000067369	1.56	3.95E-24	Tmt12b	protein_coding	6.00	6.40	6.04	6.20	7.57	7.61	7.88	7.62
Down	ENSMUSG000000033306	-1.20	4.05E-24	Lpp	protein_coding	7.51	7.73	7.68	7.47	6.27	6.20	6.81	6.39
Down	ENSMUSG000000018672	-5.14	4.08E-24	Copz2	protein_coding	5.36	5.56	5.15	5.57	2.57	2.00	2.45	2.34
Down	ENSMUSG000000026728	-1.97	4.46E-24	Vim	protein_coding	6.77	6.84	7.21	6.99	4.84	4.72	5.02	5.69
Down	ENSMUSG000000034796	-2.40	5.09E-24	Cpne7	protein_coding	9.18	9.20	9.20	8.84	5.62	6.94	7.05	7.00
Down	ENSMUSG000000035274	-2.56	5.34E-24	Tpbp	protein_coding	5.73	5.97	5.50	5.97	3.77	3.52	3.50	3.85
Down	ENSMUSG000000036103	-2.92	5.90E-24	Colec12	protein_coding	5.60	5.90	5.77	5.87	3.55	3.69	2.71	3.57
Up	ENSMUSG000000027195	1.13	6.14E-24	Hsd17b12	protein_coding	7.89	7.71	8.00	8.15	8.96	9.06	9.26	8.94
Down	ENSMUSG000000039831	-1.38	6.34E-24	Artgap29	protein_coding	6.73	7.00	7.06	6.97	5.05	5.10	5.69	5.98
Up	ENSMUSG000000052928	1.02	6.64E-24	Cifl	protein_coding	9.50	9.48	9.56	9.23	10.48	10.56	10.51	10.30
Down	ENSMUSG000000029359	-1.55	6.69E-24	Tesc	protein_coding	7.36	7.41	7.54	7.32	6.14	5.64	6.17	5.66
Down	ENSMUSG000000061740	-2.45	6.76E-24	Cyp2d22	protein_coding	5.53	6.22	5.65	5.86	3.45	3.65	3.59	4.28
Up	ENSMUSG000000024892	1.36	6.89E-24	Pcx	protein_coding	7.36	7.29	7.22	7.10	8.73	8.67	8.60	8.31
Up	ENSMUSG000000059493	2.10	6.92E-24	Nhs	protein_coding	5.85	5.97	5.43	6.17	7.66	8.13	7.71	8.04
Down	ENSMUSG000000057092	-2.77	7.49E-24	Fxyd3	protein_coding	6.22	6.45	6.20	6.21	4.13	4.30	2.93	3.81
Down	ENSMUSG000000032017	-1.26	9.19E-24	Grik4	protein_coding	8.05	8.28	8.43	7.95	6.93	6.95	7.15	6.79
Down	ENSMUSG000000023992	-3.46	9.48E-24	Trem2	protein_coding	5.02	5.21	4.89	5.22	2.78	2.35	3.12	3.12
Down	ENSMUSG000000052155	-1.27	1.04E-23	Acrv2a	protein_coding	8.68	8.70	8.50	8.96	7.58	7.43	7.28	7.55
Down	ENSMUSG000000025993	-2.56	1.18E-23	Slc40a1	protein_coding	5.53	5.33	5.60	5.64	3.15	3.64	3.79	3.34
Down	ENSMUSG000000089809	-1.56	1.21E-23	Rasgef1b	protein_coding	7.26	7.42	7.05	7.11	6.13	5.47	5.24	5.93
Up	ENSMUSG000000027148	1.10	1.22E-23	Ccnh	protein_coding	7.82	7.97	7.95	8.08	9.01	8.98	9.25	8.92
Down	ENSMUSG000000037119	-1.52	1.27E-23	Ccdc152	protein_coding	8.32	8.29	7.83	8.08	6.71	6.71	6.71	6.81
Down	ENSMUSG000000044165	-1.42	1.28E-23	Lsm1	protein_coding	6.81	6.80	6.80	5.74	6.03	5.55	5.73	5.64
Down	ENSMUSG000000035919	-1.27	1.28E-23	Bbs9	protein_coding	7.43	7.59	7.31	7.03	6.45	6.20	5.83	6.34
Down	ENSMUSG000000034009	-1.67	1.29E-23	Rxfp1	protein_coding	6.85	7.07	6.83	7.02	5.62	4.85	5.63	5.28
Down	ENSMUSG000000050029	-1.44	1.29E-23	Rap2c	protein_coding	8.19	8.31	8.37	8.37	7.05	6.68	6.42	7.31
Up	ENSMUSG000000020099	1.86	1.30E-23	Unc5b	protein_coding	7.09	7.07	7.23	7.32	9.34	8.50	9.16	8.93
Down	ENSMUSG000000057322	-1.14	1.31E-23	Rpl38	protein_coding	9.78	9.69	9.72	9.84	8.66	8.57	8.83	8.41
Down	ENSMUSG000000031654	-3.49	1.36E-23	Cbln1	protein_coding	5.45	6.28	5.92	5.88	2.66	3.43	2.63	3.66
Up	ENSMUSG000000045039	1.22	1.43E-23	Megf8	protein_coding	9.04	8.93	8.75	8.63	10.13	9.92	10.22	9.96
Down	ENSMUSG000000004105	-2.35	1.51E-23	Angptl2	protein_coding	5.13	5.08	5.40	5.57	2.47	4.16	3.13	3.53
Down	ENSMUSG000000024665	-2.32	1.60E-23	Fads2	protein_coding	8.81	8.97	8.99	8.97	6.17	6.70	7.14	7.41
Up	ENSMUSG000000020688	1.68	1.63E-23	Ccne1	protein_coding	5.80	5.77	5.61	5.83	7.63	7.20	7.26	7.31
Up	ENSMUSG000000048616	2.35	1.68E-23	Nog	protein_coding	5.02	4.79	4.91	5.07	6.93	7.25	7.43	6.89
Down	ENSMUSG000000030793	-3.51	1.85E-23	Pycard	protein_coding	4.89	4.84	5.26	5.00	2.00	2.44	3.35	2.62
Down	ENSMUSG000000043964	-1.45	1.89E-23	Crao3	protein_coding	7.26	7.26	7.05	6.74	5.71	5.7		

Down	ENSMUSG00000034686	-1.73	2.03E-23	Prr7	protein_coding	7.91	7.72	8.14	7.91	6.58	6.39	5.40	6.39
Up	ENSMUSG00000009035	1.00	2.07E-23	Tmem184b	protein_coding	8.55	8.62	8.38	8.40	9.37	9.45	9.75	9.32
Down	ENSMUSG00000022602	-2.38	2.32E-23	Arc	protein_coding	9.79	9.84	9.37	9.35	7.34	7.56	6.17	7.57
Down	ENSMUSG000000064052	-4.58	2.33E-23	Gm5089	protein_coding	5.76	5.31	5.79	5.87	2.00	2.00	2.71	3.23
Up	ENSMUSG00000004642	1.34	2.34E-23	Sibp	protein_coding	6.45	6.50	6.64	6.79	7.88	7.93	7.87	7.93
Up	ENSMUSG00000033083	1.57	2.38E-23	Tbc1d4	protein_coding	6.16	5.76	5.81	5.85	7.40	7.64	7.49	7.03
Down	ENSMUSG0000000128	-2.90	2.39E-23	Wfs9a	protein_coding	5.89	5.63	6.11	5.63	3.55	3.43	3.62	3.73
Down	ENSMUSG00000032687	-1.74	2.43E-23	Pon2	protein_coding	7.35	7.36	7.50	7.70	6.10	6.10	5.94	5.95
Down	ENSMUSG00000002985	-2.05	2.49E-23	Apoe	protein_coding	12.21	11.98	12.15	12.10	10.25	9.72	9.58	10.53
Up	ENSMUSG00000003234	1.05	2.52E-23	Abcf3	protein_coding	7.64	7.59	7.84	7.47	8.75	8.62	8.75	8.61
Up	ENSMUSG00000026312	1.46	3.01E-23	Cdh7	protein_coding	6.29	6.59	6.53	6.79	7.91	8.39	7.78	7.75
Down	ENSMUSG00000050808	-2.12	3.14E-23	Muc15	protein_coding	5.41	6.07	5.73	5.66	3.73	4.37	3.87	3.66
Down	ENSMUSG00000026354	-1.92	4.18E-23	Lt	protein_coding	7.87	7.55	7.58	7.36	6.14	5.41	5.94	5.41
Down	ENSMUSG00000023034	-1.53	4.22E-23	Nr4a1	protein_coding	7.83	8.23	8.22	7.80	6.25	6.76	6.32	6.77
Down	ENSMUSG00000031983	-1.08	4.40E-23	2310022B05Rik	protein_coding	8.70	8.73	8.87	8.84	7.87	7.51	7.69	7.81
Down	ENSMUSG00000041702	-1.11	4.65E-23	Btd7	protein_coding	7.99	8.13	8.09	8.28	6.79	7.32	6.77	7.20
Up	ENSMUSG00000039137	1.31	4.98E-23	Whm	protein_coding	7.98	8.13	7.89	8.09	9.11	9.56	9.14	9.44
Up	ENSMUSG00000033707	1.69	5.08E-23	Lrrc24	protein_coding	6.31	5.97	6.17	5.83	7.61	7.79	7.93	7.47
Up	ENSMUSG00000038028	1.22	5.36E-23	Tigar	protein_coding	7.43	7.47	7.41	7.18	8.64	8.60	8.66	8.37
Down	ENSMUSG00000028004	-2.35	5.42E-23	Npy2l	protein_coding	7.73	7.57	7.53	7.76	4.78	5.48	4.79	6.14
Down	ENSMUSG00000038059	-2.65	6.11E-23	Smn3	protein_coding	6.44	6.21	6.37	5.98	3.50	3.47	4.19	4.43
Down	ENSMUSG00000033854	-1.31	6.83E-23	Kcnk10	protein_coding	7.24	7.55	7.40	7.24	5.90	6.01	6.51	5.91
Up	ENSMUSG00000033253	1.28	7.45E-23	Szl2	protein_coding	7.56	7.24	7.27	7.27	8.49	8.87	8.39	8.61
Down	ENSMUSG00000003575	-1.13	7.73E-23	Crtc1	protein_coding	10.05	9.89	9.98	9.86	8.67	9.14	8.52	8.89
Up	ENSMUSG00000052353	1.14	7.82E-23	Cemip	protein_coding	7.52	7.42	7.67	7.40	8.68	8.46	8.66	8.72
Up	ENSMUSG00000042035	1.54	8.32E-23	Igsf3	protein_coding	6.47	6.79	6.94	6.77	8.01	8.35	8.46	8.18
Down	ENSMUSG00000024293	-1.09	8.89E-23	Esco1	protein_coding	7.94	8.22	8.05	8.23	6.74	7.13	6.95	7.31
Up	ENSMUSG00000028467	1.07	8.92E-23	Gba2	protein_coding	8.06	8.13	8.11	7.88	9.12	9.01	9.30	8.97
Up	ENSMUSG00000038545	1.30	9.19E-23	Cul7	protein_coding	6.93	7.01	6.91	7.08	8.32	8.45	8.01	8.21
Down	ENSMUSG00000030068	-1.39	9.33E-23	Gm20696	protein_coding	7.54	7.74	7.55	7.60	6.53	6.21	5.72	6.49
Up	ENSMUSG00000026765	2.54	9.61E-23	Lypd6b	protein_coding	5.44	5.41	5.55	5.75	7.90	7.89	8.30	7.76
Down	ENSMUSG00000020651	-2.72	1.10E-22	Slc26a4	protein_coding	6.63	6.82	6.91	6.84	3.77	5.07	3.87	4.28
Down	ENSMUSG00000044707	-2.20	1.25E-22	Ccnyl	protein_coding	6.35	6.17	6.19	6.34	4.00	4.87	4.79	3.89
Down	ENSMUSG00000022965	-1.12	1.30E-22	Ing2	protein_coding	9.12	9.04	9.04	8.26	7.74	7.94	7.64	7.96
Down	ENSMUSG00000015484	-1.77	1.34E-22	Fam163a	protein_coding	7.13	7.11	7.11	7.17	4.95	5.99	5.49	5.20
Up	ENSMUSG000000109324	1.01	1.67E-22	Prmt1	protein_coding	7.50	7.44	7.58	7.52	8.44	8.59	8.65	8.33
Down	ENSMUSG00000022335	-1.25	1.81E-22	Zfat	protein_coding	6.55	6.71	6.49	6.52	5.46	5.32	5.20	5.59
Up	ENSMUSG00000017167	1.02	2.05E-22	Cntnap1	protein_coding	9.85	9.66	9.76	9.59	10.72	10.71	10.94	10.52
Up	ENSMUSG00000020048	1.01	2.47E-22	Hsp90b1	protein_coding	11.05	10.84	10.55	10.69	12.03	11.80	11.66	11.70
Down	ENSMUSG000000071855	-1.54	2.48E-22	Ccdc112	protein_coding	7.28	7.32	7.33	7.46	5.17	6.15	5.67	6.26
Down	ENSMUSG00000038070	-1.06	2.52E-22	Cntln	protein_coding	7.92	8.04	7.80	8.04	6.85	6.71	6.87	7.21
Down	ENSMUSG00000040857	-1.40	2.67E-22	Erf	protein_coding	7.24	7.26	7.62	7.42	5.79	5.93	6.46	5.92
Down	ENSMUSG00000029335	-2.65	2.85E-22	Bmp3	protein_coding	6.35	7.01	5.90	6.61	3.55	4.68	3.90	4.28
Down	ENSMUSG00000028137	-1.09	3.01E-22	Cell3	protein_coding	9.14	9.06	9.48	9.20	7.89	8.29	8.00	8.35
Up	ENSMUSG00000038936	1.17	3.04E-22	Scppdh	protein_coding	7.63	8.14	7.92	8.06	9.20	9.07	9.00	9.14
Down	ENSMUSG00000020728	-1.65	3.07E-22	Cep112	protein_coding	7.48	7.69	7.29	7.45	6.43	5.34	5.87	5.75
Down	ENSMUSG00000028273	-1.44	3.34E-22	Pfilin5	protein_coding	7.17	7.21	6.99	7.39	5.77	5.54	6.11	5.80
Down	ENSMUSG00000021876	-3.30	3.35E-22	Rnase4	protein_coding	5.64	5.75	5.52	5.83	3.17	3.28	2.00	3.66
Down	ENSMUSG000000071636	-2.73	3.37E-22	Rimbp3	protein_coding	5.29	5.40	5.43	5.54	3.04	3.33	3.07	3.66
Down	ENSMUSG00000075256	-2.51	3.50E-22	Cerkl	protein_coding	6.60	6.74	6.66	6.69	4.47	5.07	3.30	4.25
Up	ENSMUSG00000023092	1.01	3.52E-22	Fhl1	protein_coding	7.92	7.75	7.57	8.12	8.83	8.71	9.14	8.87
Up	ENSMUSG00000037892	2.02	3.71E-22	Pcdh18	protein_coding	4.72	4.72	4.63	5.16	6.60	6.79	6.57	6.75
Up	ENSMUSG00000039313	1.69	3.95E-22	Minar1	protein_coding	5.86	6.15	6.20	6.40	8.04	7.82	7.54	7.75
Down	ENSMUSG00000024827	-1.95	4.33E-22	Gldc	protein_coding	7.24	7.15	6.94	6.85	5.17	4.92	4.87	5.73
Down	ENSMUSG00000049800	-1.18	4.89E-22	Sertad2	protein_coding	7.96	7.71	8.06	7.88	6.94	6.75	6.41	6.88
Down	ENSMUSG00000026586	-1.97	4.93E-22	Prrx1	protein_coding	6.30	6.27	5.86	6.50	4.03	4.56	4.38	4.85
Down	ENSMUSG00000060636	-1.22	4.93E-22	Rpl35a	protein_coding	9.04	8.81	7.73	7.86	9.03	7.79	7.86	7.61
Down	ENSMUSG00000019066	-2.01	5.08E-22	Rab3d	protein_coding	6.56	6.54	6.84	6.49	4.54	4.07	5.29	4.92
Down	ENSMUSG00000026249	-1.00	5.56E-22	Serpin2	protein_coding	8.78	8.93	8.71	8.82	7.90	7.88	7.69	7.81
Down	ENSMUSG00000027004	-2.38	5.79E-22	Frzb	protein_coding	6.70	6.68	6.38	6.24	4.76	3.87	4.00	4.81
Down	ENSMUSG00000021390	-4.02	5.93E-22	Ogn	protein_coding	4.57	5.28	5.38	5.38	2.44	2.13	2.86	2.78
Down	ENSMUSG00000041598	-1.35	6.19E-22	Cdc42ep4	protein_coding	7.17	7.29	7.36	7.38	5.90	6.25	5.62	6.17
Down	ENSMUSG00000090061	-1.61	6.26E-22	Nwd2	protein_coding	7.99	7.95	7.95	8.16	5.99	6.87	6.38	6.44
Down	ENSMUSG00000036306	-1.37	6.66E-22	Lzts1	protein_coding	9.05	8.94	8.97	8.82	7.38	7.76	6.97	8.04
Down	ENSMUSG00000027316	-1.07	6.71E-22	Gfra4	protein_coding	7.76	7.77	7.55	7.95	6.63	6.75	6.89	6.60
Up	ENSMUSG00000024525	1.65	7.17E-22	Impa2	protein_coding	5.79	5.84	5.82	5.22	7.20	7.16	7.67	6.93
Up	ENSMUSG00000035407	2.12	7.31E-22	Kank4	protein_coding	5.60	5.38	4.93	5.00	7.40	6.95	7.29	7.32
Down	ENSMUSG00000053080	-1.46	7.70E-22	2700081O15Rik	protein_coding	8.05	7.98	7.84	7.81	6.52	6.12	6.47	6.82
Down	ENSMUSG00000049907	-1.23	1.11E-21	Rasi11b	protein_coding	7.53	7.47	7.68	7.45	6.56	6.50	6.20	6.09
Down	ENSMUSG00000033855	-2.80	1.32E-21	Ston1	protein_coding	6.03	6.12	5.93	5.93	2.74	4.10	3.90	3.53
Down	ENSMUSG00000093661	-1.30	1.33E-21	Eif4e3	protein_coding	8.03	8.08	7.80	8.05	6.84	6.67	6.48	6.87
Up	ENSMUSG00000032908	1.78	1.46E-21	Sgpp2	protein_coding	6.12	6.28	5.83	5.83	7.94	7.88	7.61	7.50
Down	ENSMUSG00000030747	-1.48	1.59E-21	Dgat2	protein_coding	8.31	8.32	8.65	8.32	6.52	7.09	6.62	7.16
Down	ENSMUSG00000028039	-1.28	1.78E-21	Rfn3	protein_coding	8.29	8.20	6.80	6.80	8.31	8.00	8.01	7.95
Up	ENSMUSG00000041231	1.34	1.80E-21	Ublep1	protein_coding	7.35	7.29	7.31	7.43	8.80	8.86	8.47	8.47
Up	ENSMUSG00000037610	2.61	1.84E-21	Kcnmb2	protein_coding	5.42	5.53	5.60	5.59	7.61	8.21	8.27	7.97
Down	ENSMUSG00000005148	1.40	2.01E-21	Klf5	protein_coding	6.46	7.16	6.78	7.21	8.36	8.52	8.11	8.21
Up	ENSMUSG00000035849	1.02	2.22E-21	Krt222	protein_coding	8.59	8.56	8.78	8.46	9.68	9.50	9.76	9.52
Down	ENSMUSG00000027978	-1.24	2.39E-21	Prss12	protein_coding	7.22	7.22	7.31	7.06	6.10	5.85	6.06	6.08
Up	ENSMUSG00000030272	1.28	2.44E-21	Camk1	protein_coding	7.78	7.81	7.76	8.00	9.14	9.16	9.02	9.11
Down	ENSMUSG00000030237	-1.93	2.51E-21	Sloc1a4	protein_coding	5.39	5.55	5.42	5.58	4.19	3.47	3.79	3.99
Down	ENSMUSG00000035376	-1.14	2.65E-21	Hacd2	protein_coding	7.38	7.67	7.53	7.53	6.41	6.32	6.60	6.38
Down	ENSMUSG00000052684	-1.15	2.67E-21	Jun	protein_coding	9.42	9.42	9.44	9.23	8.46	7.89	8.42	8.12
Up	ENSMUSG00000046841	1.21	2.74E-21	Ckap4	protein_coding	7.17	7.26	7.47	7.18	8.45	8.57	8.65	8.14
Up	ENSMUSG00000041303	1.02	2.74E-21	Gtf3c3	protein_coding	7.32	7.60	7.23	7.37	8.39	8.56	8.40	8.19
Down	ENSMUSG00000019230	-2.41	2.96E-21	Lhx9	protein_coding	6.52	6.76	6.94	6.94	4.59	4.94	4.63	4.11
Down	ENSMUSG00000038677	-2.18	3.01E-21	Scube3	protein_coding	5.28	5.63	5.85	5.86	3.40	3.61	4.52	3.99
Down	ENSMUSG00000042348	-1.15	3.07E-21										

Down	ENSMUSG00000071847	-1.93	3.73E-21	Apcdd1	protein_coding	6.95	6.73	6.91	6.92	4.56	4.72	5.61	5.20
Down	ENSMUSG00000030671	-1.18	4.05E-21	Pde3b	protein_coding	7.47	7.58	7.65	7.64	6.42	5.95	6.54	6.74
Down	ENSMUSG00000049969	-2.38	4.80E-21	Plekhf2	protein_coding	6.32	6.33	6.24	6.70	3.73	4.16	3.87	5.02
Down	ENSMUSG000000047675	-1.14	5.01E-21	Rps8	protein_coding	10.72	10.62	10.63	10.64	9.50	9.58	9.56	9.41
Up	ENSMUSG000000004815	1.07	5.15E-21	Dgkq	protein_coding	7.13	7.15	7.20	7.16	8.15	8.26	8.26	8.19
Down	ENSMUSG000000046318	-1.41	5.83E-21	Ocbp1	protein_coding	7.51	7.45	7.52	7.60	6.14	6.12	6.38	5.98
Down	ENSMUSG000000023218	-1.33	6.16E-21	Rpsa	protein_coding	11.80	11.85	11.84	11.56	10.49	10.33	10.43	10.51
Down	ENSMUSG000000242566	-3.16	6.34E-21	Aczyap1	protein_coding	5.15	5.91	5.02	5.34	2.37	3.11	2.71	3.66
Down	ENSMUSG000000021364	-2.41	6.41E-21	Elovl2	protein_coding	6.21	6.09	6.35	6.32	4.44	3.56	4.38	3.99
Up	ENSMUSG000000033061	1.69	7.28E-21	Resp18	protein_coding	6.85	7.42	7.05	7.52	9.00	8.86	9.06	8.62
Down	ENSMUSG000000079659	-1.54	7.76E-21	Tmem243	protein_coding	6.73	6.81	6.39	6.77	5.58	5.08	5.02	5.24
Up	ENSMUSG000000006641	1.40	8.73E-21	Slc5a6	protein_coding	6.51	6.32	6.39	6.69	7.81	7.87	7.87	7.82
Down	ENSMUSG000000070509	-1.49	8.83E-21	Rgma	protein_coding	8.75	8.62	8.84	8.55	7.59	6.55	6.97	7.57
Down	ENSMUSG000000053137	-1.39	9.10E-21	Mapk11	protein_coding	6.44	6.67	6.59	6.38	4.95	5.50	5.30	5.10
Down	ENSMUSG000000003617	-2.10	9.59E-21	Cp	protein_coding	6.18	6.18	5.91	6.30	3.73	4.27	4.30	4.70
Down	ENSMUSG000000028211	-1.69	9.66E-21	Trp53inp1	protein_coding	6.99	7.04	7.30	7.29	5.91	5.02	5.63	5.57
Down	ENSMUSG000000058715	-3.51	1.05E-20	Fcer1g	protein_coding	5.92	5.87	5.22	5.48	3.55	2.98	2.00	3.12
Down	ENSMUSG000000026771	-1.02	1.07E-20	Spopl	protein_coding	7.96	8.29	7.92	8.16	6.97	7.20	7.04	7.15
Down	ENSMUSG000000020319	-1.50	1.14E-20	Wdppp	protein_coding	7.04	6.65	6.63	6.62	5.19	5.58	5.08	5.46
Down	ENSMUSG000000014361	-1.50	1.16E-20	Merlk	protein_coding	7.73	7.92	7.91	7.60	6.34	6.37	6.34	6.46
Down	ENSMUSG000000050963	-1.17	1.19E-20	Kcnk2	protein_coding	7.74	7.45	7.81	7.59	6.64	6.65	6.65	6.45
Down	ENSMUSG000000055541	-2.62	1.42E-20	Lair1	protein_coding	6.13	6.13	5.42	6.02	3.50	3.47	3.30	4.41
Down	ENSMUSG000000036949	-2.38	1.51E-20	Slc39a12	protein_coding	7.25	6.59	7.25	7.04	4.72	4.64	3.83	5.28
Up	ENSMUSG000000030611	1.24	1.56E-20	Mrps11	protein_coding	6.10	6.12	6.37	6.09	7.36	7.36	7.41	7.36
Up	ENSMUSG000000002844	1.11	1.63E-20	Adprh	protein_coding	7.86	7.66	8.09	7.90	8.89	8.83	9.16	9.03
Down	ENSMUSG000000096519	-3.10	1.77E-20	Gm10721	protein_coding	7.29	7.92	7.51	8.19	4.56	5.10	4.04	5.38
Up	ENSMUSG000000043843	1.54	1.82E-20	Tmem145	protein_coding	5.91	5.68	5.98	6.28	7.39	7.55	7.62	7.62
Up	ENSMUSG000000053216	2.55	1.83E-20	Btn2a2	protein_coding	4.15	4.01	4.01	3.98	6.51	5.82	6.33	6.31
Down	ENSMUSG000000054920	-1.03	1.84E-20	Klhl5	protein_coding	7.92	8.19	8.33	8.28	7.15	7.02	7.31	7.23
Down	ENSMUSG000000042659	-1.44	1.95E-20	Arrdc4	protein_coding	7.14	6.79	6.87	7.09	5.30	5.63	5.74	5.76
Down	ENSMUSG000000019997	-1.90	1.96E-20	Ccn2	protein_coding	6.85	6.89	6.50	6.70	5.06	4.96	4.82	5.02
Up	ENSMUSG000000029073	1.39	2.00E-20	Ctpb	protein_coding	6.46	6.50	6.45	6.51	7.79	7.99	7.95	7.57
Down	ENSMUSG000000011103	-4.26	2.00E-20	Srsbx	protein_coding	5.31	4.67	5.46	4.05	2.71	2.37	2.34	2.34
Up	ENSMUSG000000018126	2.65	2.07E-20	Baiap2	protein_coding	3.61	3.73	3.89	3.82	6.70	5.81	5.88	5.88
Down	ENSMUSG000000036782	1.48	2.10E-20	Klhl13	protein_coding	6.77	6.84	6.57	7.03	8.05	8.42	8.13	8.37
Down	ENSMUSG000000063260	-2.28	2.26E-20	Syt10	protein_coding	6.88	6.95	6.74	6.91	4.54	5.39	4.95	4.95
Up	ENSMUSG000000024542	1.07	2.27E-20	Cap192	protein_coding	6.30	6.44	6.77	6.67	7.45	7.49	7.72	7.71
Down	ENSMUSG000000020656	-1.35	2.46E-20	Grhl1	protein_coding	6.98	7.01	7.20	7.13	5.38	6.12	5.62	5.95
Down	ENSMUSG000000026098	-1.12	2.58E-20	Pms1	protein_coding	7.57	7.49	7.41	7.38	6.42	6.64	6.11	6.32
Down	ENSMUSG000000029570	-2.71	2.88E-20	Lfng	protein_coding	6.29	6.65	6.21	6.24	3.45	4.47	4.11	4.11
Down	ENSMUSG000000037225	-2.10	2.88E-20	Fgf2	protein_coding	6.30	6.45	6.65	6.63	4.76	4.24	4.47	4.87
Down	ENSMUSG000000028337	-1.22	3.05E-20	Coro2a	protein_coding	7.67	7.96	7.67	7.77	6.62	6.78	6.46	6.47
Down	ENSMUSG000000047228	-2.43	3.06E-20	A2ml1	protein_coding	5.83	6.49	6.36	6.55	4.47	3.65	3.90	4.55
Down	ENSMUSG000000039001	-2.09	3.67E-20	Rps21	protein_coding	10.53	10.40	8.22	10.59	8.69	8.69	8.18	8.47
Down	ENSMUSG000000034765	-1.96	4.00E-20	Dusp5	protein_coding	7.22	7.29	7.20	6.90	5.72	5.72	5.40	5.35
Down	ENSMUSG000000004961	-1.05	4.58E-20	Syt5	protein_coding	8.96	9.04	8.92	9.02	8.18	8.18	7.80	8.14
Down	ENSMUSG000000001700	-1.20	4.96E-20	Gram3	protein_coding	6.78	6.89	6.85	6.92	5.76	5.45	5.65	5.98
Down	ENSMUSG000000025225	-2.04	5.11E-20	Nfk2	protein_coding	8.04	7.71	7.71	7.82	5.68	6.03	5.86	5.92
Down	ENSMUSG000000032547	-1.22	5.16E-20	Ryk	protein_coding	7.81	7.68	7.47	7.47	6.33	6.20	6.85	6.27
Up	ENSMUSG000000005447	2.17	5.25E-20	Pafah1b3	protein_coding	4.59	4.31	3.80	4.60	6.39	6.17	6.40	6.20
Up	ENSMUSG000000044788	1.27	5.54E-20	Fads6	protein_coding	7.04	6.97	7.20	6.84	8.48	7.85	8.39	8.25
Down	ENSMUSG000000029919	-1.74	6.15E-20	Hpgds	protein_coding	5.91	6.01	5.74	5.76	4.00	4.70	4.04	4.46
Down	ENSMUSG000000021638	-2.10	6.69E-20	Ocn	protein_coding	6.20	6.08	5.93	6.27	4.68	3.94	3.71	4.55
Up	ENSMUSG000000040356	1.01	6.81E-20	Skiv2l	protein_coding	7.25	7.49	7.52	7.32	8.40	8.39	8.47	8.30
Up	ENSMUSG000000029507	1.60	7.03E-20	Pus1	protein_coding	6.24	6.36	6.15	6.19	7.80	7.81	7.83	7.69
Up	ENSMUSG000000048486	1.14	7.36E-20	Fitm2	protein_coding	7.67	7.75	7.44	7.61	8.78	8.81	8.84	8.55
Up	ENSMUSG000000075033	1.01	7.63E-20	Nxpe3	protein_coding	7.55	7.56	7.60	7.49	8.55	8.67	8.68	8.22
Down	ENSMUSG000000060703	-2.17	8.09E-20	Cd302	protein_coding	5.73	5.72	5.57	5.73	3.50	3.56	3.83	4.25
Up	ENSMUSG000000035835	1.15	8.54E-20	Pfpr3	protein_coding	7.19	7.32	6.95	7.06	8.10	8.42	8.27	8.23
Down	ENSMUSG000000040018	-1.12	8.65E-20	Cox15	protein_coding	7.56	7.44	7.27	7.23	8.64	8.23	8.67	8.35
Up	ENSMUSG000000032115	1.01	8.91E-20	Hyoa1	protein_coding	9.08	8.99	8.76	8.82	10.02	9.89	9.98	9.79
Down	ENSMUSG000000021215	-1.35	9.18E-20	Net1	protein_coding	8.30	8.29	8.13	7.86	6.76	6.70	6.94	6.93
Down	ENSMUSG000000063049	-1.00	9.19E-20	Ing2	protein_coding	7.71	7.88	7.94	7.92	7.04	6.99	6.51	6.96
Down	ENSMUSG000000023764	-1.08	9.63E-20	Sf11	protein_coding	7.62	7.98	7.77	7.99	6.51	6.72	6.96	6.94
Down	ENSMUSG000000021318	-1.45	1.17E-19	Gli3	protein_coding	6.54	7.04	6.78	6.98	5.14	5.80	5.43	5.49
Up	ENSMUSG000000034687	1.10	1.30E-19	Fras1	protein_coding	8.12	7.95	8.11	8.30	9.18	8.93	9.13	9.56
Down	ENSMUSG000000028541	-1.20	1.42E-19	B4galt2	protein_coding	8.04	7.95	8.16	7.94	6.60	7.05	7.13	6.55
Up	ENSMUSG000000042129	1.84	1.48E-19	Rassf4	protein_coding	5.69	6.25	5.90	6.50	7.73	7.96	7.48	7.48
Down	ENSMUSG000000038418	-1.90	1.59E-19	Egr1	protein_coding	9.56	9.81	9.47	9.39	7.55	8.22	6.85	7.78
Down	ENSMUSG000000049690	-1.71	1.59E-19	Nckap5	protein_coding	6.89	6.94	6.92	7.14	4.92	4.76	5.50	5.70
Down	ENSMUSG000000019966	-1.88	1.70E-19	Kitl	protein_coding	7.54	8.10	8.15	8.02	6.03	5.57	5.39	6.55
Up	ENSMUSG000000020230	1.11	1.87E-19	Frrm2	protein_coding	8.09	8.22	8.27	8.09	8.87	9.45	9.26	9.32
Down	ENSMUSG000000031782	-1.05	1.89E-19	Cox9	protein_coding	7.58	7.57	8.00	7.77	8.06	8.92	8.64	8.84
Down	ENSMUSG000000035256	-1.98	1.95E-19	Protdh	protein_coding	7.02	7.09	6.91	6.92	4.99	5.23	4.60	5.35
Down	ENSMUSG000000030088	-1.41	2.15E-19	Aldh1l1	protein_coding	6.97	7.07	7.00	6.96	5.14	5.72	5.70	5.90
Down	ENSMUSG000000021665	-1.32	2.24E-19	Hexb	protein_coding	8.50	8.23	8.23	8.47	7.04	7.37	6.61	7.14
Down	ENSMUSG000000034853	-1.70	2.42E-19	Acol11	protein_coding	7.92	7.82	7.33	7.03	5.99	6.11	5.80	5.79
Down	ENSMUSG000000034463	-2.10	2.52E-19	Scara3	protein_coding	7.39	7.21	7.30	7.03	4.86	5.37	5.24	5.49
Down	ENSMUSG000000063600	-1.91	2.52E-19	Egfm1	protein_coding	7.47	7.20	7.30	7.23	5.17	5.89	5.20	5.59
Up	ENSMUSG000000042148	1.02	2.60E-19	Cox10	protein_coding	7.06	7.04	7.14	7.07	8.25	8.24	7.91	7.86
Down	ENSMUSG000000041957	-1.47	2.64E-19	Pkp2	protein_coding	7.32	7.35	7.34	7.06	6.04	6.04	5.77	5.55
Down	ENSMUSG000000074345	-1.21	2.71E-19	Tnfrsf8l3	protein_coding	8.11	8.25	8.15	8.31	6.53	7.21	7.18	7.09
Down	ENSMUSG000000030518	-1.06	2.84E-19	Fam189a1	protein_coding	9.44	9.30	9.39	9.13	7.98	8.17	8.17	8.22
Up	ENSMUSG000000038777	1.63	2.98E-19	Sema6c	protein_coding	6.50	6.73	6.28	6.10	7.90	7.96	8.11	8.05
Down	ENSMUSG000000024517	-4.16	3.11E-19	Grp	protein_coding	6.20	6.43	6.39	6.39	3.85	2.44	2.35	3.25
Down	ENSMUSG000000063428	-2.49	3.27E-19	Ddo	protein_coding	5.74	6.01	5.73	6.16	4.03	4.10	2.54	4.08
Down	ENSMUSG000000060278	-1.40	3.44E-19	Ves37b	protein_coding	7.16	7.07	7.20	7.04	6.06	5.83		

Up	ENSMUSG00000028977	1.50	4.42E-19	Cas21	protein_coding	5.39	5.95	5.75	5.71	7.12	7.32	6.73	7.30
Down	ENSMUSG00000071226	-1.41	4.43E-19	Cecr2	protein_coding	7.26	7.25	7.21	7.24	5.90	5.92	5.45	6.21
Up	ENSMUSG00000054196	2.08	4.56E-19	Cthrc1	protein_coding	4.48	4.86	4.34	4.87	6.53	6.64	6.16	6.78
Down	ENSMUSG000000053563	-1.93	4.61E-19	3110082117Rik	protein_coding	6.22	6.29	6.10	6.09	4.54	3.84	4.35	4.90
Up	ENSMUSG000000042109	1.10	5.39E-19	Csdc2	protein_coding	9.17	9.24	8.82	9.05	10.26	10.43	9.83	10.11
Down	ENSMUSG000000025911	-2.07	5.49E-19	Adh1e1	protein_coding	6.10	5.98	6.00	5.98	3.92	4.32	3.79	4.61
Up	ENSMUSG000000027719	1.09	5.73E-19	Acad9	protein_coding	7.23	7.23	7.23	7.30	7.30	8.18	8.13	8.13
Down	ENSMUSG000000038393	-1.72	6.73E-19	Txnip	protein_coding	6.12	6.55	6.53	6.59	4.68	4.72	4.67	5.33
Down	ENSMUSG000000030579	-6.85	7.22E-19	Tyrbp	protein_coding	5.71	5.60	5.65	5.09	2.00	2.24	2.00	2.24
Down	ENSMUSG000000033016	-2.82	8.36E-19	Nfatc1	protein_coding	5.36	5.93	5.68	5.83	3.40	2.85	3.79	3.57
Down	ENSMUSG000000021360	-1.88	9.74E-19	Gcnt2	protein_coding	6.85	6.99	7.14	7.04	4.56	5.29	5.58	5.33
Down	ENSMUSG000000035275	-2.12	1.03E-18	Raver2	protein_coding	8.50	8.54	8.56	8.25	5.37	6.79	6.61	6.46
Down	ENSMUSG000000041685	-1.02	1.06E-18	Fcho2	protein_coding	8.57	8.44	8.40	8.56	7.81	7.34	7.08	7.64
Down	ENSMUSG000000052544	-1.28	1.09E-18	Sl6galnac3	protein_coding	7.01	7.36	7.10	7.20	5.97	6.21	5.58	5.97
Down	ENSMUSG000000022206	-1.44	1.21E-18	Npr3	protein_coding	7.85	7.94	7.61	7.95	6.82	6.34	5.86	6.61
Up	ENSMUSG000000021235	1.43	1.37E-18	Coq6	protein_coding	5.26	5.02	5.19	5.19	6.69	6.69	6.62	6.31
Down	ENSMUSG000000031026	1.07	1.64E-18	Trim66	protein_coding	7.37	7.54	7.36	7.36	8.07	8.67	8.54	8.50
Down	ENSMUSG000000045817	-1.66	1.64E-18	Zfp362f	protein_coding	7.29	7.46	7.48	7.59	6.07	5.95	4.99	6.18
Up	ENSMUSG000000057315	1.27	1.72E-18	Arhgap24	protein_coding	6.23	6.34	6.09	6.03	7.31	7.64	7.26	7.37
Up	ENSMUSG000000025475	1.11	1.76E-18	Adgrn1	protein_coding	8.96	8.99	8.65	8.79	9.91	10.08	9.81	10.00
Down	ENSMUSG000000026315	-3.19	1.76E-18	Scrbpnb8	protein_coding	4.95	4.86	5.17	5.16	2.00	3.61	2.71	2.54
Down	ENSMUSG000000009076	-1.45	1.78E-18	Zmat5	protein_coding	8.27	8.12	8.30	7.79	6.93	6.63	6.72	6.57
Down	ENSMUSG000000054074	-1.21	2.01E-18	Skida1	protein_coding	7.21	7.32	7.58	7.43	6.04	6.21	6.30	6.33
Up	ENSMUSG000000074213	1.55	2.59E-18	Gm10642	protein_coding	6.02	6.10	5.79	5.88	7.84	7.39	7.28	7.11
Down	ENSMUSG000000052305	-3.93	2.63E-18	Hbb-bs	protein_coding	6.32	6.10	6.08	6.90	3.69	2.44	2.63	3.66
Down	ENSMUSG000000032289	-1.69	2.69E-18	Thsd4	protein_coding	8.18	8.00	8.26	8.09	7.04	6.30	5.75	6.59
Down	ENSMUSG000000032251	-1.23	2.86E-18	Irak1bp1	protein_coding	7.19	7.21	7.21	7.41	5.92	5.96	6.10	6.31
Up	ENSMUSG000000009621	1.44	3.08E-18	Vav2	protein_coding	6.48	6.42	6.29	6.53	8.03	7.95	7.71	7.57
Up	ENSMUSG000000029056	1.22	3.29E-18	Pank4	protein_coding	6.12	6.20	6.11	6.32	7.32	7.45	7.44	7.24
Up	ENSMUSG000000025268	1.66	3.42E-18	Maged2	protein_coding	6.75	6.61	6.74	6.86	8.35	8.15	8.58	8.36
Down	ENSMUSG000000036908	-2.16	3.43E-18	Unc93b1	protein_coding	6.12	6.18	5.92	6.12	4.74	4.49	3.50	3.70
Down	ENSMUSG000000019505	1.06	3.57E-18	Ubb	protein_coding	11.14	11.09	11.07	11.00	12.22	11.99	12.25	12.04
Down	ENSMUSG000000058498	-3.20	3.72E-18	Kl	protein_coding	8.18	8.27	7.22	8.32	4.74	4.37	4.56	4.91
Up	ENSMUSG000000025175	1.08	3.69E-18	Frx3k	protein_coding	6.89	7.06	6.85	7.06	8.13	8.22	8.03	7.70
Up	ENSMUSG000000044149	1.02	3.71E-18	Nkrf	protein_coding	7.26	7.32	7.16	7.39	8.25	8.24	8.36	8.30
Up	ENSMUSG000000001988	1.79	3.72E-18	Npas1	protein_coding	5.21	5.71	5.71	5.69	7.42	7.10	7.66	7.29
Up	ENSMUSG000000082229	1.16	3.83E-18	Nap1l2	protein_coding	8.72	8.63	8.81	8.83	10.07	9.91	9.82	9.79
Up	ENSMUSG000000075316	1.38	4.04E-18	Scn9a	protein_coding	6.44	6.71	6.14	6.62	8.10	8.01	7.69	7.46
Down	ENSMUSG000000049577	-1.09	4.09E-18	Zfpm1	protein_coding	8.67	8.52	8.34	8.29	7.51	7.23	7.32	7.49
Up	ENSMUSG000000025795	1.18	4.17E-18	Rassf3	protein_coding	6.95	7.10	7.10	7.05	8.15	8.26	8.13	8.27
Up	ENSMUSG000000040420	1.07	4.17E-18	Cdh18	protein_coding	6.85	6.92	6.79	7.12	7.86	8.16	7.87	7.98
Down	ENSMUSG000000029088	-1.17	4.25E-18	Kcnip4	protein_coding	7.95	8.03	7.98	8.17	6.72	7.31	6.75	6.70
Down	ENSMUSG000000030235	-1.66	4.47E-18	Sico1c1	protein_coding	6.56	6.12	6.17	6.69	4.92	4.94	5.17	4.41
Down	ENSMUSG000000025321	-1.21	4.65E-18	Ilgb8	protein_coding	8.53	8.71	8.68	8.87	7.88	7.20	7.10	7.73
Down	ENSMUSG000000016493	-1.25	4.75E-18	Cd46	protein_coding	6.05	6.36	5.91	6.17	5.27	5.11	4.17	4.85
Up	ENSMUSG000000024644	1.16	5.22E-18	Cndp2	protein_coding	7.37	7.35	7.38	7.29	8.15	8.68	8.62	8.43
Down	ENSMUSG000000009129	-3.62	5.55E-18	Glifr2b7	protein_coding	5.60	5.89	5.73	5.63	3.04	2.00	2.63	3.57
Up	ENSMUSG000000037410	1.05	6.48E-18	Tbc1d2b	protein_coding	6.54	6.51	6.69	6.69	7.57	7.37	7.65	7.58
Down	ENSMUSG000000039179	-2.24	8.82E-18	Tekt5	protein_coding	6.08	5.96	6.25	6.08	4.52	3.43	4.16	4.25
Up	ENSMUSG000000046480	1.29	8.87E-18	Scn4b	protein_coding	7.00	6.78	6.74	6.35	8.00	8.30	8.03	7.56
Up	ENSMUSG000000050989	1.34	9.82E-18	Selenon	protein_coding	6.56	6.42	6.48	6.54	7.48	7.71	8.10	7.83
Down	ENSMUSG000000046402	-2.34	9.83E-18	Rbp1	protein_coding	5.99	5.35	5.82	6.57	4.42	4.01	3.71	3.70
Up	ENSMUSG000000000766	1.43	1.00E-17	Oprm1	protein_coding	6.15	5.83	6.07	6.57	7.28	7.77	7.28	7.45
Up	ENSMUSG000000027796	1.36	1.00E-17	Smad9	protein_coding	6.79	6.35	6.94	6.74	7.96	8.21	8.20	7.77
Down	ENSMUSG000000026227	-1.96	1.05E-17	2810459M11Rik	protein_coding	6.25	6.16	6.37	6.55	4.13	4.76	4.69	4.63
Down	ENSMUSG000000050295	-2.57	1.12E-17	Foxc1	protein_coding	5.54	5.28	5.60	5.07	2.74	3.43	3.35	3.78
Down	ENSMUSG000000022969	-2.73	1.40E-17	Il10rb	protein_coding	5.66	5.25	5.83	6.08	3.17	3.47	2.79	4.23
Down	ENSMUSG000000028413	-2.36	1.91E-17	B4galt1	protein_coding	5.75	5.56	5.57	5.91	3.57	4.16	3.63	3.81
Down	ENSMUSG000000033208	-1.52	1.96E-17	S100b	protein_coding	8.87	8.64	8.53	8.82	7.13	7.13	6.55	7.51
Down	ENSMUSG000000022912	-2.24	2.10E-17	Prox1	protein_coding	5.95	6.05	6.02	6.02	4.16	4.16	3.71	4.41
Up	ENSMUSG000000054226	1.08	2.13E-17	Tprkb	protein_coding	8.96	8.89	8.76	8.91	7.63	8.06	7.78	7.90
Up	ENSMUSG000000016179	1.18	2.21E-17	Camk1g	protein_coding	6.66	6.78	6.84	6.58	7.85	7.91	8.00	7.87
Down	ENSMUSG000000020052	-1.64	2.29E-17	Ascl1	protein_coding	6.40	6.76	6.47	6.75	5.50	4.37	5.11	5.14
Up	ENSMUSG000000038650	1.30	2.32E-17	Rnh1	protein_coding	5.75	5.90	6.20	6.07	7.03	7.58	7.03	7.25
Up	ENSMUSG000000039781	1.14	2.39E-17	Cep131	protein_coding	6.69	6.76	7.07	6.61	7.72	7.99	7.94	7.94
Down	ENSMUSG000000008090	-1.92	2.40E-17	Fgfr1	protein_coding	6.66	6.67	6.43	6.61	4.00	5.34	4.52	5.08
Down	ENSMUSG000000052336	-3.44	2.55E-17	Cx3cr1	protein_coding	7.58	7.53	7.34	7.51	5.22	4.22	2.71	4.23
Down	ENSMUSG000000021846	-1.24	2.86E-17	Peli2	protein_coding	8.13	7.75	8.23	8.09	7.02	6.54	6.94	6.85
Down	ENSMUSG000000064125	-1.14	2.93E-17	Prr36	protein_coding	8.28	8.29	8.07	8.29	7.09	7.35	6.67	7.27
Up	ENSMUSG000000013367	1.06	2.94E-17	Igln5	protein_coding	7.62	7.35	7.64	7.37	8.67	8.56	8.58	8.35
Up	ENSMUSG000000031133	1.54	3.08E-17	Arhgef6	protein_coding	7.17	6.78	6.98	6.94	8.42	8.53	8.69	8.28
Down	ENSMUSG000000024222	-1.02	3.13E-17	Fkbp5	protein_coding	8.79	8.73	8.71	8.45	7.81	7.71	7.72	7.42
Up	ENSMUSG000000020861	2.21	3.21E-17	Alox8	protein_coding	5.31	5.02	5.78	5.78	7.40	7.37	7.40	7.30
Up	ENSMUSG000000027007	1.08	3.38E-17	Iiprd2	protein_coding	8.96	8.89	8.87	8.68	8.10	7.92	7.92	7.92
Up	ENSMUSG000000027495	1.17	3.39E-17	Fam210b	protein_coding	7.64	7.63	8.02	8.05	8.70	8.90	9.24	9.15
Up	ENSMUSG000000032648	1.87	3.45E-17	Pygm	protein_coding	6.39	6.05	5.97	5.91	7.82	7.98	7.97	7.81
Down	ENSMUSG000000021747	1.25	3.48E-17	4930452B06Rik	protein_coding	6.65	6.81	7.20	6.65	8.11	7.97	8.19	7.97
Down	ENSMUSG000000020021	-1.74	3.48E-17	Fgd6	protein_coding	7.42	7.66	7.47	7.52	5.52	6.52	5.14	5.86
Up	ENSMUSG000000034854	1.02	3.54E-17	Mfsd12	protein_coding	7.50	7.40	7.58	7.43	8.60	8.54	8.55	8.22
Down	ENSMUSG000000039239	-2.41	3.55E-17	Tgfb2	protein_coding	8.33	7.99	8.21	8.12	5.95	4.82	5.73	6.44
Down	ENSMUSG000000037922	-3.63	3.57E-17	Bank1	protein_coding	4.89	5.02	4.65	4.82	2.13	2.44	2.63	2.99
Down	ENSMUSG000000037206	-2.41	4.07E-17	Islr	protein_coding	6.01	6.10	6.42	6.24	3.60	3.73	4.24	4.59
Down	ENSMUSG000000075334	-3.63	4.21E-17	Rprm	protein_coding	6.91	6.54	6.77	6.97	4.03	2.78	2.45	4.48
Up	ENSMUSG000000054708	1.07	4.42E-17	Ankrd24	protein_coding	7.21	7.21	7.11	7.31	7.95	8.17	8.41	8.49
Down	ENSMUSG000000022003	-1.40	4.47E-17	Slc25a30	protein_coding	6.51	6.82	6.48	6.75	5.33	5.00	5.50	5.54
Down	ENSMUSG000000039634	-1.46	4.74E-17	Zfp189	protein_coding	7.27	7.59	7.71	7.75	5.65	6.45	6.32	6.18
Up	ENSMUSG000000045088	1.31	4.82E-17	Gata2	protein_coding	7.22	7.47						

Up	ENSMUSG00000067578	1.77	5.42E-17	Cbln4	protein_coding	5.96	6.59	5.94	6.23	7.82	7.69	8.18	7.95
Down	ENSMUSG00000064354	-5.74	5.58E-17	mt-Co2	protein_coding	4.54	5.64	4.82	5.00	2.25	2.34	2.00	2.12
Down	ENSMUSG00000048794	-1.96	5.59E-17	Cfap100	protein_coding	5.29	5.41	5.64	5.44	3.35	4.37	3.63	3.74
Down	ENSMUSG00000021423	-3.53	5.64E-17	Ly86	protein_coding	6.60	6.51	6.13	5.97	2.13	4.30	2.63	3.57
Up	ENSMUSG00000024944	1.06	5.89E-17	Arl2	protein_coding	7.12	7.39	7.13	7.23	8.53	8.30	8.23	8.27
Up	ENSMUSG000000116138	1.42	6.18E-17	C030006K11Rik	protein_coding	5.80	5.44	5.67	5.81	6.92	7.30	7.09	6.77
Up	ENSMUSG00000025478	1.26	6.95E-17	Dpysl4	protein_coding	6.83	6.65	6.77	6.51	7.86	7.98	8.18	7.81
Down	ENSMUSG00000040274	-2.01	6.98E-17	Cdk6	protein_coding	5.47	5.82	5.92	5.87	3.55	4.13	4.13	4.31
Up	ENSMUSG00000005483	1.15	7.35E-17	Dnajb1	protein_coding	7.87	7.63	7.52	7.67	9.03	8.98	8.63	8.55
Down	ENSMUSG00000068428	-2.90	7.57E-17	Gmnc	protein_coding	5.29	5.49	5.15	5.27	2.97	3.38	3.19	2.92
Down	ENSMUSG00000057706	-1.04	8.58E-17	Mex3b	protein_coding	7.62	7.53	7.55	7.16	6.71	6.30	6.33	6.50
Down	ENSMUSG00000040289	-1.02	9.53E-17	Hey1	protein_coding	7.88	7.75	7.78	7.72	6.34	6.77	7.01	6.94
Down	ENSMUSG00000094936	-1.10	9.76E-17	Rbm4	protein_coding	8.01	8.03	8.25	7.83	7.20	7.21	6.47	6.86
Up	ENSMUSG00000010154	1.28	1.00E-16	Spire2	protein_coding	6.93	7.00	6.74	6.75	8.22	8.13	8.00	8.07
Up	ENSMUSG00000033430	1.01	1.05E-16	Terf2ip	protein_coding	8.36	8.29	8.42	8.33	9.09	9.25	9.60	9.40
Up	ENSMUSG00000032714	1.91	1.08E-16	Syde1	protein_coding	5.92	5.46	5.65	5.57	7.59	6.98	7.86	7.36
Down	ENSMUSG00000021928	-1.57	1.16E-16	Ebpl	protein_coding	6.99	7.02	6.88	6.80	5.38	5.42	4.92	5.90
Down	ENSMUSG00000027188	-2.09	1.26E-16	Pax6	protein_coding	6.38	6.44	6.43	7.01	5.45	4.13	4.27	4.48
Up	ENSMUSG00000020329	1.24	1.39E-16	Polrmt	protein_coding	6.44	6.23	6.53	6.33	7.63	7.45	7.41	7.61
Down	ENSMUSG00000047419	-1.73	1.52E-16	Cmya5	protein_coding	6.84	6.74	6.94	6.57	4.86	4.83	5.79	4.92
Down	ENSMUSG00000050822	-1.33	1.56E-16	Sic29a4	protein_coding	7.51	6.74	7.28	7.57	6.10	5.97	6.09	5.97
Up	ENSMUSG00000091722	1.31	1.63E-16	Slah3	protein_coding	6.75	6.97	6.47	6.51	7.95	8.33	7.87	7.62
Down	ENSMUSG00000023232	-2.41	1.67E-16	Serinc2	protein_coding	5.94	5.33	5.02	5.28	3.92	3.47	3.00	3.48
Down	ENSMUSG00000029122	-1.65	1.72E-16	Evc	protein_coding	5.98	6.21	6.22	6.06	4.72	4.60	4.04	5.03
Up	ENSMUSG00000030739	1.25	1.79E-16	Myh14	protein_coding	7.63	7.65	7.42	7.87	9.06	8.46	9.03	8.91
Down	ENSMUSG00000069917	-3.22	1.83E-16	Hba-a2	protein_coding	5.10	5.00	5.04	5.31	3.11	3.43	2.54	2.00
Down	ENSMUSG00000040181	-2.42	1.83E-16	Fmo1	protein_coding	5.06	5.19	5.27	5.77	3.77	2.98	3.40	3.53
Down	ENSMUSG00000027803	-2.19	1.85E-16	Wwtr1	protein_coding	6.43	7.12	6.66	6.95	3.85	5.18	5.10	4.70
Down	ENSMUSG00000062210	-2.65	1.92E-16	Tnfrsf8	protein_coding	6.19	6.36	6.33	6.33	4.40	4.40	2.54	4.28
Up	ENSMUSG00000026930	1.27	1.96E-16	Gpsm1	protein_coding	7.27	7.42	7.31	7.24	8.50	8.78	8.20	8.69
Down	ENSMUSG00000028655	-1.82	2.01E-16	Mfsd2a	protein_coding	6.16	6.25	6.01	5.81	4.63	3.91	4.40	4.72
Down	ENSMUSG00000029838	-1.16	2.02E-16	Ptn	protein_coding	10.06	10.20	10.26	10.55	9.18	8.60	9.04	9.55
Down	ENSMUSG00000026532	-1.04	2.43E-16	Cachd1	protein_coding	8.15	7.67	7.92	7.81	6.72	6.77	6.72	6.72
Down	ENSMUSG00000026683	-2.48	2.48E-16	Nuf2	protein_coding	5.94	5.83	6.07	6.32	4.30	4.32	4.05	4.05
Up	ENSMUSG00000044646	1.96	2.55E-16	Zbtb7c	protein_coding	4.54	4.53	4.40	4.78	6.13	6.15	6.64	6.38
Up	ENSMUSG00000041741	1.56	2.63E-16	Pde3a	protein_coding	6.46	6.28	6.30	6.05	7.86	7.71	6.62	7.54
Up	ENSMUSG00000021647	2.17	2.75E-16	Cartpt	protein_coding	3.99	4.61	4.65	4.96	6.10	6.68	6.47	6.92
Down	ENSMUSG00000029385	-1.05	2.96E-16	Cng2	protein_coding	7.94	8.12	8.03	7.96	7.21	6.91	6.75	7.04
Up	ENSMUSG00000029819	3.01	3.10E-16	Npy	protein_coding	7.69	7.34	8.10	7.53	10.69	10.21	11.25	10.33
Up	ENSMUSG00000032259	1.51	3.31E-16	Drd2	protein_coding	4.59	4.31	4.43	4.78	6.17	5.77	5.98	5.58
Up	ENSMUSG00000027270	1.17	3.35E-16	Lamp5	protein_coding	7.18	7.52	7.09	7.20	8.23	8.17	8.80	8.32
Down	ENSMUSG00000019577	-1.52	4.08E-16	Pdk4	protein_coding	6.16	6.05	6.05	6.04	4.85	4.27	4.85	4.55
Down	ENSMUSG00000073889	-1.28	4.24E-16	Il11ra1	protein_coding	7.25	6.78	6.88	6.82	5.45	5.88	5.83	5.74
Down	ENSMUSG00000048424	-2.24	4.35E-16	Ranbp3l	protein_coding	5.44	6.06	5.67	6.07	3.45	4.54	3.24	4.11
Down	ENSMUSG00000028864	-2.42	4.40E-16	Hgf	protein_coding	4.59	5.00	4.78	5.16	2.74	3.38	3.54	2.70
Up	ENSMUSG00000064254	1.53	4.57E-16	Ethe1	protein_coding	5.88	5.55	5.60	5.00	6.80	7.27	7.19	6.72
Down	ENSMUSG00000036523	-2.02	4.69E-16	Gng5	protein_coding	6.40	6.54	6.50	7.00	5.12	4.64	4.45	4.83
Up	ENSMUSG00000074909	1.01	4.93E-16	Ranbp8	protein_coding	8.04	8.07	7.56	7.99	9.03	9.02	8.82	8.82
Down	ENSMUSG00000039299	-1.01	5.05E-16	Zfp81	protein_coding	7.87	7.87	7.88	7.88	6.83	7.08	6.88	7.10
Down	ENSMUSG00000036256	-2.64	5.37E-16	Igf1bp7	protein_coding	5.45	5.17	5.27	5.44	3.23	3.65	3.00	3.23
Up	ENSMUSG00000019256	1.28	5.49E-16	Ahr	protein_coding	6.37	6.21	6.06	6.26	7.25	7.71	7.36	7.47
Down	ENSMUSG00000002022	-2.71	5.88E-16	Btd17	protein_coding	5.85	5.50	5.64	5.44	2.13	3.87	3.71	3.48
Up	ENSMUSG00000024193	1.20	6.26E-16	Phf1	protein_coding	7.15	7.18	7.03	6.97	8.05	8.25	8.43	8.28
Up	ENSMUSG00000015016	1.09	6.43E-16	Acsf3	protein_coding	5.85	6.12	5.97	5.98	7.06	7.02	7.08	6.94
Up	ENSMUSG00000021234	1.14	6.98E-16	Fam161b	protein_coding	6.59	6.43	6.47	6.45	7.69	7.62	7.68	7.52
Down	ENSMUSG00000056069	-1.44	7.26E-16	Oluln1	protein_coding	6.66	6.65	6.61	6.66	5.56	5.38	4.67	5.44
Up	ENSMUSG00000062591	1.04	7.68E-16	Tubb4a	protein_coding	11.40	11.26	11.39	11.42	12.34	12.11	12.55	12.57
Up	ENSMUSG00000008348	1.25	7.78E-16	Ubc	protein_coding	7.59	7.16	7.41	7.34	8.81	8.32	7.83	8.53
Down	ENSMUSG00000027378	-1.26	7.80E-16	Nphp1	protein_coding	7.25	7.29	7.47	7.20	6.38	5.80	5.64	6.42
Down	ENSMUSG00000027985	-2.54	8.02E-16	Lef1	protein_coding	5.41	5.59	5.31	5.77	2.90	3.33	3.00	4.28
Up	ENSMUSG00000030786	2.07	8.06E-16	Irfam	protein_coding	6.75	6.72	6.34	6.20	3.73	5.14	4.71	4.61
Up	ENSMUSG00000079598	1.02	8.06E-16	Clec2l	protein_coding	7.69	7.65	7.67	7.44	8.42	8.64	8.95	8.40
Down	ENSMUSG00000025978	-1.55	8.36E-16	Rftn2	protein_coding	8.15	7.98	7.80	8.17	7.11	6.20	6.03	6.52
Down	ENSMUSG00000023019	-1.15	8.40E-16	Gpd1	protein_coding	8.96	8.76	8.72	8.38	7.92	7.43	7.60	7.34
Down	ENSMUSG00000046101	-2.72	9.06E-16	Mcmdc2	protein_coding	4.75	4.47	4.30	4.74	2.74	2.53	2.45	3.34
Down	ENSMUSG00000027583	-1.37	1.02E-15	Zbtb46	protein_coding	6.43	5.97	6.11	6.28	4.97	5.07	4.50	5.20
Down	ENSMUSG00000033966	-3.23	1.03E-15	Cdk4	protein_coding	7.34	7.63	7.34	7.31	3.96	4.47	3.00	5.36
Up	ENSMUSG00000043518	1.34	1.15E-15	Rai2	protein_coding	5.81	5.47	5.73	5.82	6.87	7.29	6.73	7.00
Down	ENSMUSG00000049511	-1.41	1.16E-15	Htr1b	protein_coding	7.02	7.09	6.66	6.78	5.49	6.03	5.33	5.29
Down	ENSMUSG00000064246	-3.21	1.18E-15	Chil1	protein_coding	5.28	4.79	5.95	5.29	3.38	2.90	2.90	3.38
Up	ENSMUSG00000036764	1.25	1.25E-15	Dnajc12	protein_coding	5.85	5.72	5.68	5.89	6.85	6.84	7.04	6.85
Up	ENSMUSG00000049112	1.37	1.30E-15	Oxtr	protein_coding	6.02	6.10	5.68	6.44	7.27	7.61	7.37	7.36
Up	ENSMUSG00000027985	1.02	1.32E-15	Asns	protein_coding	7.87	7.89	7.82	7.82	6.84	6.76	6.84	6.86
Down	ENSMUSG00000028152	3.62	1.43E-15	Ccn1	protein_coding	4.62	5.02	4.20	4.20	2.00	2.92	2.00	2.85
Down	ENSMUSG00000037315	-1.53	1.43E-15	Jade3	protein_coding	6.39	6.70	6.63	6.70	5.12	5.70	4.43	5.23
Up	ENSMUSG00000042761	2.20	1.48E-15	Mrap2	protein_coding	4.77	4.27	5.07	4.67	6.43	6.90	6.37	7.12
Down	ENSMUSG00000046410	-3.02	1.62E-15	Kcnk6	protein_coding	5.24	5.02	4.95	4.60	2.78	2.78	2.63	3.39
Down	ENSMUSG00000031375	-3.27	1.71E-15	Bgn	protein_coding	5.44	5.19	6.00	6.42	3.60	2.53	3.00	3.62
Down	ENSMUSG00000031939	-1.34	1.86E-15	Taf1d	protein_coding	7.46	7.34	7.35	7.63	5.56	6.55	5.85	6.65
Up	ENSMUSG00000015806	1.05	1.97E-15	Odrp	protein_coding	9.22	8.94	9.22	9.19	10.43	9.61	10.19	10.41
Up	ENSMUSG00000002379	1.07	1.99E-15	Ndufa11	protein_coding	7.90	7.91	7.85	7.96	9.11	8.82	9.13	8.76
Down	ENSMUSG00000047361	-1.68	2.15E-15	Gm973	protein_coding	6.47	6.58	6.26	6.54	4.74	5.29	4.43	5.08
Down	ENSMUSG00000052392	-2.17	2.26E-15	Acot4	protein_coding	5.64	5.76	6.07	5.96	3.45	3.65	4.77	3.74
Down	ENSMUSG00000026031	-1.80	2.32E-15	Cflar	protein_coding	7.56	7.50	7.62	7.74	5.27	6.26	5.07	6.44
Down	ENSMUSG00000031760	-1.09	2.44E-15	Mt3	protein_coding	9.92	9.75	9.87	9.81	8.94	8.47	8.97	8.57
Down	ENSMUSG00000030341	-2.95	2.58E-15	Tnfrsf1a	protein_coding	5.60	5.44	5.40	5.88	2.37	3.47	3.19	3.74
Up	ENSMUSG00000047988	1.06	2.66E-15	493342G20Rik	protein_coding	6.27	6.39	6.11	6.06	7.50	7.06	7.27	7.27
Down	ENSMUSG00000020961	-1.64	2.72E-15	Ston2	protein_coding								

Up	ENSMUSG00000036636	1.01	3.14E-15	Cln7	protein_coding	7.81	7.37	7.30	7.30	8.42	8.41	8.56	8.42
Down	ENSMUSG00000028766	-3.62	3.26E-15	Alpl	protein_coding	5.00	4.64	4.34	4.63	2.66	2.44	2.54	2.44
Down	ENSMUSG00000039519	-2.16	3.83E-15	Cyp7b1	protein_coding	6.42	6.59	6.63	6.49	6.63	3.98	4.63	4.92
Down	ENSMUSG00000041617	-1.18	4.08E-15	Ccdc74a	protein_coding	7.52	7.50	7.72	7.80	6.67	6.25	6.54	6.30
Down	ENSMUSG00000030307	-1.25	4.33E-15	Sic6a11	protein_coding	8.56	8.74	8.70	8.89	6.98	7.79	7.06	7.90
Down	ENSMUSG00000040747	-4.14	4.67E-15	Cd53	protein_coding	5.08	4.69	4.52	4.94	2.66	2.34	2.02	2.62
Down	ENSMUSG00000030002	-1.12	5.14E-15	Dusp11	protein_coding	7.71	8.16	8.15	7.93	6.59	6.67	6.59	6.89
Up	ENSMUSG00000019863	1.23	5.71E-15	Ors11	protein_coding	5.83	6.11	5.87	5.75	6.80	7.14	6.96	7.32
Down	ENSMUSG00000066258	-3.08	5.98E-15	Trim12a	protein_coding	5.48	5.14	5.02	5.40	2.97	3.47	2.00	3.23
Down	ENSMUSG00000060771	-1.07	6.38E-15	Tsga10	protein_coding	7.87	7.87	6.81	8.00	6.81	7.27	6.42	6.81
Down	ENSMUSG00000023027	-1.26	6.99E-15	Atf1	protein_coding	6.93	6.63	6.92	6.99	6.07	5.43	5.64	5.50
Down	ENSMUSG00000050074	-3.78	7.27E-15	Spink8	protein_coding	5.39	5.10	5.42	4.45	2.00	3.22	2.00	2.92
Up	ENSMUSG00000049191	1.24	8.00E-15	Rtl5	protein_coding	6.39	6.50	6.63	6.62	7.89	7.75	7.71	7.60
Up	ENSMUSG00000071176	1.01	8.00E-15	Arhgef10	protein_coding	8.32	8.30	8.27	8.04	9.65	8.91	9.16	9.12
Down	ENSMUSG00000042770	-1.49	8.18E-15	Hebp1	protein_coding	7.13	6.89	6.91	7.06	6.01	4.97	5.34	5.81
Down	ENSMUSG00000068263	-1.32	8.67E-15	Efoc1	protein_coding	6.44	6.19	6.30	6.23	4.88	4.90	4.92	5.50
Down	ENSMUSG00000110333	-2.54	8.96E-15	Gm45861	protein_coding	5.50	5.62	5.89	5.70	3.45	3.73	3.45	3.74
Down	ENSMUSG00000021567	-2.08	8.97E-15	Nkd2	protein_coding	5.95	6.12	6.31	5.92	4.01	4.01	4.24	4.75
Down	ENSMUSG00000013594	-3.14	9.28E-15	Aldh1a2	protein_coding	5.69	5.47	5.74	5.79	2.57	3.69	3.50	2.85
Down	ENSMUSG00000041941	-1.39	1.14E-14	Rpi37	protein_coding	10.41	10.21	10.35	10.51	9.19	8.63	8.97	8.90
Down	ENSMUSG00000029338	-2.19	1.17E-14	Anbx2	protein_coding	5.02	5.25	5.13	5.24	4.00	3.37	3.07	3.29
Down	ENSMUSG00000074227	-2.52	1.18E-14	Spint2	protein_coding	6.63	6.33	6.44	7.15	3.64	4.37	3.75	5.23
Down	ENSMUSG00000071379	-1.34	1.23E-14	Hpcal1	protein_coding	7.29	7.54	7.32	7.96	5.64	6.37	6.46	6.41
Down	ENSMUSG00000033446	-1.97	1.30E-14	Lpar6	protein_coding	5.31	5.19	5.42	4.89	3.96	3.61	3.24	3.66
Down	ENSMUSG00000022122	-1.81	1.35E-14	Ednrb	protein_coding	7.23	7.06	7.63	7.90	5.37	5.79	5.10	6.44
Down	ENSMUSG00000075707	-4.11	1.36E-14	Dio3	protein_coding	4.48	4.61	4.57	5.09	2.57	2.53	2.00	2.44
Down	ENSMUSG00000016087	-2.16	1.41E-14	Fil1	protein_coding	4.93	5.25	4.82	5.22	3.55	3.77	3.30	2.85
Down	ENSMUSG00000065947	-4.37	1.44E-14	mt-Nd4l	protein_coding	4.57	4.67	4.95	5.11	2.66	2.00	2.00	2.70
Up	ENSMUSG00000115232	1.12	1.45E-14	Gm49378	protein_coding	7.57	7.60	7.61	7.28	8.48	8.51	8.92	8.52
Down	ENSMUSG00000045083	-1.02	1.56E-14	Lingo2	protein_coding	7.55	7.96	7.59	7.75	6.39	6.63	7.05	6.77
Up	ENSMUSG00000025597	1.24	1.59E-14	Klh4	protein_coding	6.36	6.00	6.22	6.53	7.60	7.28	7.67	7.38
Down	ENSMUSG00000078451	-2.33	1.73E-14	Ppi6	protein_coding	4.87	5.21	4.75	4.96	2.25	3.33	3.54	3.44
Down	ENSMUSG00000049649	-2.05	1.75E-14	Gpr3	protein_coding	5.38	5.17	4.90	5.65	7.10	6.63	6.87	6.87
Up	ENSMUSG00000029398	1.30	1.82E-14	Anx2	protein_coding	6.66	6.33	6.60	6.63	7.78	6.60	8.06	7.66
Up	ENSMUSG00000055214	1.71	1.84E-14	Pld5	protein_coding	5.23	5.63	5.63	5.62	6.53	7.26	7.04	7.61
Down	ENSMUSG000000687594	-2.12	1.87E-14	Krt77	protein_coding	5.41	5.66	5.78	6.45	4.03	3.61	4.00	4.46
Down	ENSMUSG00000044986	-1.82	2.04E-14	Tst	protein_coding	5.55	5.97	5.92	5.83	4.19	3.89	4.16	4.74
Up	ENSMUSG00000053297	1.08	2.20E-14	AI854703	protein_coding	7.05	6.95	6.77	6.73	8.07	7.98	7.94	7.73
Up	ENSMUSG00000054453	1.13	2.34E-14	Sytl5	protein_coding	5.94	6.26	6.12	6.39	7.47	7.23	7.29	7.08
Down	ENSMUSG00000030380	-1.30	2.48E-14	Mzf1	protein_coding	6.47	6.19	6.61	6.36	5.40	5.04	5.36	5.03
Down	ENSMUSG00000042190	-3.31	2.70E-14	Cmkir1	protein_coding	5.00	4.93	5.29	4.74	2.25	2.70	2.71	3.23
Up	ENSMUSG00000001520	1.11	2.74E-14	Nrip2	protein_coding	6.69	6.52	7.91	6.83	7.91	7.68	7.81	7.51
Down	ENSMUSG00000069372	-4.37	2.92E-14	Cbx3	protein_coding	4.93	4.72	4.40	5.44	2.00	2.24	2.00	3.06
Down	ENSMUSG00000036887	-3.75	2.94E-14	C1qa	protein_coding	7.63	7.28	6.69	6.78	4.52	3.87	3.24	3.29
Down	ENSMUSG00000061838	-2.15	2.97E-14	Suc1g2	protein_coding	6.25	5.99	6.33	6.09	6.25	4.49	3.67	4.81
Down	ENSMUSG00000022235	-2.12	3.00E-14	Cmb1	protein_coding	5.65	5.86	5.93	6.01	3.77	4.66	3.19	4.17
Down	ENSMUSG00000029646	-1.26	3.05E-14	Rfc5	protein_coding	8.60	8.60	8.72	8.03	6.04	6.03	7.36	7.08
Up	ENSMUSG00000041632	1.10	3.42E-14	Mrs27	protein_coding	6.71	6.55	6.65	7.90	6.65	7.79	7.79	7.41
Up	ENSMUSG00000034216	1.01	3.46E-14	Vps18	protein_coding	6.89	7.37	7.06	7.07	8.10	7.90	8.32	8.04
Down	ENSMUSG00000030711	-2.26	3.61E-14	Sult1a1	protein_coding	5.38	5.60	5.05	4.89	3.35	4.04	2.71	3.48
Down	ENSMUSG00000043279	-1.46	4.02E-14	Trim56	protein_coding	5.98	6.06	6.18	6.12	4.33	4.87	4.33	4.68
Up	ENSMUSG00000055424	1.23	4.15E-14	Gm9970	protein_coding	5.54	5.81	5.52	5.66	6.84	6.71	6.64	6.98
Down	ENSMUSG00000048747	-2.54	4.15E-14	E130114P18Rik	protein_coding	6.54	6.45	6.39	6.39	4.10	4.30	2.71	4.90
Down	ENSMUSG00000045776	-2.61	4.18E-14	Ltrm1	protein_coding	4.03	4.31	4.80	4.78	2.25	2.70	2.86	3.29
Down	ENSMUSG00000016520	-1.54	4.21E-14	Lnx2	protein_coding	5.64	5.63	5.48	5.79	4.66	4.13	3.94	4.41
Down	ENSMUSG00000046805	-2.07	4.36E-14	Mpeg1	protein_coding	5.81	6.15	6.21	6.13	4.54	4.27	4.22	3.99
Up	ENSMUSG00000026507	1.07	4.37E-14	Aldh18a1	protein_coding	6.20	6.20	6.33	7.21	6.54	7.36	7.42	7.41
Down	ENSMUSG00000036206	-1.63	4.59E-14	Sh3bp4	protein_coding	7.20	7.33	7.17	7.19	5.90	4.80	6.00	5.79
Down	ENSMUSG00000036362	-3.60	4.75E-14	Pzry13	protein_coding	5.12	5.15	5.45	5.49	3.23	2.00	2.00	3.30
Down	ENSMUSG00000029846	-1.48	4.79E-14	Rflnb	protein_coding	6.35	6.07	6.30	6.33	4.74	5.34	4.50	4.50
Up	ENSMUSG00000015107	1.33	4.79E-14	Htp3	protein_coding	5.94	6.14	6.03	6.43	7.29	7.67	7.36	7.36
Down	ENSMUSG00000029781	-1.58	5.02E-14	Fkbp9	protein_coding	7.01	6.93	6.95	7.07	5.84	4.87	5.84	5.65
Down	ENSMUSG00000015950	-2.83	5.21E-14	Ncf1	protein_coding	5.80	5.40	5.43	5.82	3.85	2.00	3.50	3.57
Up	ENSMUSG00000045975	1.12	5.45E-14	C2cd2	protein_coding	6.67	6.64	6.73	7.82	6.71	7.92	7.56	7.66
Down	ENSMUSG00000018648	-1.14	5.55E-14	Dusp14	protein_coding	6.96	7.07	6.86	7.08	5.50	6.10	6.25	5.63
Down	ENSMUSG00000040372	-1.25	5.56E-14	Gpr63	protein_coding	6.77	6.82	6.68	6.70	5.86	5.31	5.86	5.55
Down	ENSMUSG00000026062	-1.56	5.63E-14	Sic9a2	protein_coding	7.03	7.14	6.98	6.61	4.99	5.57	5.73	5.52
Down	ENSMUSG00000029337	-3.08	5.88E-14	Fgf5	protein_coding	5.89	5.28	5.94	5.25	2.74	2.85	3.35	3.74
Down	ENSMUSG00000052387	-1.42	5.95E-14	Trpm3	protein_coding	9.89	9.47	9.35	10.26	8.11	8.15	8.36	8.80
Down	ENSMUSG00000026921	-1.18	6.01E-14	Egfl7	protein_coding	6.14	6.59	6.35	5.37	6.26	5.21	5.26	5.35
Down	ENSMUSG00000020037	-1.99	6.22E-14	Rfx4	protein_coding	6.14	6.12	6.08	6.03	3.40	4.64	3.90	4.95
Down	ENSMUSG00000021221	-1.43	6.58E-14	Dp3	protein_coding	6.83	6.85	7.04	6.78	5.90	5.27	4.94	5.81
Down	ENSMUSG00000036914	-1.95	6.69E-14	Sloc20a	protein_coding	5.36	5.95	5.49	5.49	3.52	3.97	4.25	4.25
Down	ENSMUSG00000023359	-2.14	6.71E-14	Ct81	protein_coding	5.21	5.29	5.06	5.27	5.45	6.81	4.04	2.92
Up	ENSMUSG00000020363	1.65	6.81E-14	Cfp2	protein_coding	5.19	5.44	5.94	5.53	5.95	7.06	5.72	7.17
Up	ENSMUSG00000030170	1.94	7.39E-14	Wnt5b	protein_coding	4.57	4.82	4.27	4.19	6.22	6.12	6.31	6.18
Down	ENSMUSG00000019761	-2.00	7.63E-14	Krt10	protein_coding	6.30	6.05	6.05	5.90	4.86	4.13	3.75	4.31
Down	ENSMUSG00000060519	-1.68	7.64E-14	Tor3a	protein_coding	5.15	5.56	5.40	5.78	3.89	4.16	4.07	4.14
Down	ENSMUSG00000004266	-2.94	8.03E-14	Ptpn6	protein_coding	4.82	4.56	4.46	4.76	3.40	2.70	2.24	2.44
Up	ENSMUSG00000026864	1.00	8.53E-14	Hspa5	protein_coding	10.07	9.75	9.29	9.69	10.94	10.87	10.47	10.57
Up	ENSMUSG00000034226	1.43	9.05E-14	Rhov	protein_coding	5.38	5.41	5.45	4.87	6.70	6.66	6.57	6.57
Up	ENSMUSG00000091811	1.14	9.66E-14	Inafm1	protein_coding	6.21	6.45	6.65	6.39	7.38	7.49	7.47	7.34
Up	ENSMUSG00000036422	1.03	9.82E-14	Pcdh8	protein_coding	7.54	7.50	7.65	7.39	8.40	8.48	8.48	8.78
Down	ENSMUSG00000059182	-1.51	9.90E-14	Skap2	protein_coding	6.71	6.78	6.65	6.75	5.44	4.97	4.95	5.72
Up	ENSMUSG00000020067	1.89	9.96E-14	Mypn	protein_coding	4.65	4.47	4.65	5.14	6.23	6.53	6.74	6.37
Down	ENSMUSG00000044080	-1.73	1.01E-13	S100a1	protein_coding	7.47	7.49	7.32	7.52	6.26	4.90	5.88	5.82
Up	ENSMUSG00000033522	1.27	1.02E-13	Absc7	protein_coding	5.78	5.23	5.63	6.23	6.92	6.77	6.92	6.92
Up	ENSMUSG00000020086	1.03	1.14E-13	H2afy2</									

Down	ENSMUSG00000025739	-2.01	1.20E-13	Gng13	protein_coding	7.17	7.03	7.33	7.40	5.49	5.40	5.30	5.41
Up	ENSMUSG00000030043	1.90	1.27E-13	Tacr1	protein_coding	4.51	5.04	4.91	5.00	6.59	6.79	6.41	6.68
Down	ENSMUSG00000029089	-1.49	1.37E-13	5730480H06Rik	protein_coding	6.80	7.01	6.81	7.14	4.52	5.77	5.92	5.59
Down	ENSMUSG00000040562	-3.46	1.44E-13	C3ar1	protein_coding	4.77	4.74	4.43	4.37	2.00	2.53	2.71	2.78
Down	ENSMUSG00000028015	-1.89	1.45E-13	Ctso	protein_coding	6.92	6.90	7.11	7.08	5.34	4.87	4.35	5.91
Up	ENSMUSG00000041046	1.98	1.46E-13	Ramp3	protein_coding	4.42	4.09	4.37	4.25	5.79	5.71	6.18	6.32
Up	ENSMUSG00000019647	1.05	1.46E-13	Simsd1	protein_coding	8.03	7.95	8.14	8.44	9.32	9.32	9.16	9.45
Down	ENSMUSG00000058936	-2.06	1.55E-13	Slc14a1	protein_coding	6.28	5.58	6.26	6.16	4.59	3.69	4.45	4.25
Down	ENSMUSG00000036356	-1.17	1.61E-13	Csgalnac1	protein_coding	6.51	6.49	6.61	7.04	5.12	5.64	5.63	5.85
Down	ENSMUSG00000010797	-2.58	1.68E-13	Wnt2	protein_coding	5.44	5.12	5.37	5.28	2.97	2.98	3.83	3.29
Down	ENSMUSG00000022342	-2.58	1.75E-13	Kcnv1	protein_coding	7.43	7.53	7.54	7.57	4.74	5.95	4.13	4.90
Down	ENSMUSG00000025537	-1.42	1.84E-13	Phkg1	protein_coding	6.27	6.46	6.36	6.21	5.01	4.66	5.07	5.29
Down	ENSMUSG00000041797	-1.37	1.96E-13	Abca9	protein_coding	6.39	6.20	6.17	6.11	5.33	4.78	4.71	4.95
Up	ENSMUSG00000034037	1.78	2.00E-13	Fgd5	protein_coding	5.15	5.26	4.93	5.45	6.37	7.27	6.39	7.22
Down	ENSMUSG00000024900	-1.71	2.22E-13	Cpt1a	protein_coding	6.24	6.13	6.29	6.16	4.56	4.97	4.13	4.87
Down	ENSMUSG00000030031	-1.30	2.25E-13	Kbtbd8	protein_coding	6.66	6.59	6.93	6.62	4.76	5.56	5.88	5.52
Down	ENSMUSG00000028082	-1.12	2.32E-13	Sh3d19	protein_coding	8.30	7.82	8.12	8.35	7.35	6.54	6.84	7.36
Down	ENSMUSG00000022176	-1.90	2.33E-13	Rem2	protein_coding	6.14	5.91	6.06	6.06	4.34	4.44	3.45	4.66
Down	ENSMUSG00000022899	-1.85	2.55E-13	Slc15a2	protein_coding	6.72	6.88	6.63	6.87	4.42	4.58	5.34	5.58
Down	ENSMUSG00000023264	-1.09	2.70E-13	Fstl4	protein_coding	6.51	6.22	6.74	6.52	5.25	5.29	5.70	5.66
Up	ENSMUSG00000052364	1.02	2.73E-13	B630019K06Rik	protein_coding	7.29	7.37	6.99	7.31	8.15	8.33	8.15	8.08
Up	ENSMUSG00000054204	2.30	2.92E-13	Alkal2	protein_coding	5.04	4.56	4.65	4.39	6.70	6.50	7.31	6.48
Up	ENSMUSG00000039997	-2.27	2.99E-13	Ifi203	protein_coding	5.21	5.28	4.97	4.94	3.40	3.56	3.13	3.34
Up	ENSMUSG00000032763	1.83	3.43E-13	Ilvl1	protein_coding	5.41	5.00	5.68	5.82	7.14	7.25	7.52	7.06
Up	ENSMUSG00000032590	1.58	3.48E-13	Apeh	protein_coding	5.80	5.28	5.74	5.63	6.62	7.42	7.20	7.17
Down	ENSMUSG00000026072	-1.35	3.66E-13	Il1r1	protein_coding	6.62	6.97	6.98	6.75	5.71	5.68	5.07	5.70
Down	ENSMUSG00000030917	-1.71	3.87E-13	Tmem159	protein_coding	5.90	5.68	5.90	5.90	4.31	4.27	4.61	4.17
Down	ENSMUSG00000071719	-1.01	3.89E-13	Tmem28	protein_coding	8.32	8.14	8.07	8.16	7.37	7.35	7.05	6.89
Down	ENSMUSG00000044250	-1.62	4.12E-13	Pced1b	protein_coding	5.69	5.53	5.98	5.57	4.54	4.13	3.79	4.59
Down	ENSMUSG00000024135	-3.46	4.14E-13	Srbd1	protein_coding	3.81	3.83	4.37	3.94	2.66	2.62	2.00	2.00
Down	ENSMUSG00000027552	-2.07	4.85E-13	E2f5	protein_coding	6.30	6.21	6.57	6.36	3.98	3.98	4.83	5.10
Up	ENSMUSG00000014633	1.27	5.09E-13	Cmc2	protein_coding	6.00	6.19	5.82	5.71	7.27	7.12	7.04	7.19
Up	ENSMUSG00000021964	1.00	5.31E-13	Wnt5a	protein_coding	6.58	6.90	6.57	7.44	6.77	7.44	7.86	7.46
Up	ENSMUSG00000036242	1.02	5.32E-13	Nrm4	protein_coding	7.84	8.05	7.54	7.76	9.06	9.02	8.49	8.61
Down	ENSMUSG00000025050	-1.37	5.32E-13	Pcgf6	protein_coding	6.42	6.85	6.58	6.78	5.04	5.44	5.05	5.85
Down	ENSMUSG00000038766	-1.02	5.35E-13	Gabpb2	protein_coding	7.58	7.80	7.79	7.60	6.84	6.43	7.09	6.67
Down	ENSMUSG00000028188	-1.56	5.52E-13	Spata1	protein_coding	5.34	5.58	5.56	5.86	4.13	4.22	4.50	4.14
Down	ENSMUSG00000009057	-2.00	5.62E-13	Mmp14	protein_coding	6.24	5.86	6.03	5.95	4.04	3.84	3.75	5.00
Down	ENSMUSG00000042312	-1.69	5.70E-13	S100a13	protein_coding	6.90	6.55	6.48	6.48	5.73	4.42	4.63	5.08
Up	ENSMUSG00000075592	1.48	5.86E-13	Nynrin	protein_coding	6.11	5.96	5.68	6.29	7.57	7.58	7.39	7.21
Up	ENSMUSG00000034949	1.04	6.06E-13	Zfr2	protein_coding	7.74	7.89	7.81	7.56	8.95	8.93	8.57	8.61
Up	ENSMUSG00000060594	1.49	6.41E-13	Layn	protein_coding	5.19	5.10	5.46	4.85	6.45	6.69	6.36	6.36
Down	ENSMUSG00000032006	-2.85	6.45E-13	Pdgfd	protein_coding	5.47	5.76	4.95	5.53	2.82	3.43	3.24	3.44
Down	ENSMUSG00000040605	-2.53	6.62E-13	Bace2	protein_coding	5.10	5.55	5.22	5.49	2.97	3.43	2.45	4.11
Down	ENSMUSG00000042540	-4.00	6.67E-13	Aco15	protein_coding	4.87	4.60	4.92	4.91	2.00	2.00	2.00	2.54
Down	ENSMUSG00000026343	-3.13	7.26E-13	Gpr39	protein_coding	9.10	9.26	8.77	9.42	5.42	6.42	4.00	7.00
Up	ENSMUSG00000022224	1.04	7.49E-13	Nbn	protein_coding	6.62	7.45E-13	6.76	6.24	6.64	7.81	7.89	7.29
Up	ENSMUSG00000038112	1.77	7.58E-13	AW551984	protein_coding	5.26	5.25	4.85	5.72	7.05	7.12	6.67	7.00
Up	ENSMUSG00000036611	1.45	7.63E-13	Eapd1	protein_coding	5.88	6.08	5.92	6.19	7.43	7.42	7.61	7.17
Down	ENSMUSG00000056947	-1.97	7.95E-13	Mab21l1	protein_coding	4.57	4.27	5.13	4.42	3.11	2.98	3.67	2.99
Down	ENSMUSG00000019789	-2.25	8.01E-13	Hey2	protein_coding	5.74	5.71	5.50	5.62	4.28	3.28	3.19	4.05
Down	ENSMUSG00000018634	-2.00	8.08E-13	Chrr1	protein_coding	5.62	5.26	5.57	5.35	3.11	3.47	3.54	4.61
Down	ENSMUSG00000031209	-2.54	8.68E-13	Heph	protein_coding	5.55	5.53	5.46	5.52	4.16	3.38	2.86	3.23
Down	ENSMUSG00000045519	-1.30	9.95E-13	Zfp560	protein_coding	6.33	6.27	6.29	6.63	4.82	5.45	4.94	5.42
Down	ENSMUSG00000029843	-3.29	1.02E-12	Slc13a4	protein_coding	6.59	6.02	5.80	6.67	2.47	3.77	4.48	4.87
Up	ENSMUSG00000024084	1.69	1.11E-12	Oqct	protein_coding	5.31	5.70	5.46	5.52	7.09	6.79	7.46	6.98
Up	ENSMUSG00000037169	1.13	1.14E-12	Mycn	protein_coding	5.70	5.93	5.78	5.98	6.98	7.08	7.04	6.53
Down	ENSMUSG00000037465	-3.57	1.21E-12	Klf10	protein_coding	7.13	6.87	7.20	7.42	2.34	3.50	4.48	4.68
Down	ENSMUSG00000044197	-1.76	1.27E-12	Gpr146	protein_coding	6.62	6.56	6.58	6.49	5.51	4.13	4.38	5.29
Down	ENSMUSG00000022459	-1.12	1.37E-12	Rgs19	protein_coding	7.20	7.10	7.45	6.45	6.10	6.45	6.65	6.36
Up	ENSMUSG00000026209	1.15	1.40E-12	Dnpep	protein_coding	6.68	6.51	6.66	6.69	7.86	7.86	7.81	7.66
Down	ENSMUSG00000048561	-2.55	1.40E-12	Arsj	protein_coding	5.64	5.82	5.68	5.48	4.22	3.05	3.07	3.86
Up	ENSMUSG00000003546	1.27	1.41E-12	Klc4	protein_coding	6.27	6.57	6.43	6.12	7.34	7.70	7.72	7.54
Down	ENSMUSG00000024098	-1.02	1.44E-12	Twsg1	protein_coding	7.59	7.57	7.71	7.76	6.40	6.56	6.85	6.80
Down	ENSMUSG00000041959	-2.01	1.50E-12	S100a10	protein_coding	6.49	6.09	5.93	6.89	4.97	3.73	4.69	4.68
Down	ENSMUSG00000025270	-2.26	1.55E-12	Alas2	protein_coding	4.62	5.23	4.40	4.58	2.74	2.92	3.54	3.17
Down	ENSMUSG00000045912	-1.57	1.60E-12	C2cd4c	protein_coding	5.29	6.03	5.48	5.89	4.16	4.35	4.22	4.57
Down	ENSMUSG00000068566	-1.01	1.61E-12	Myadm	protein_coding	8.00	8.01	7.83	8.04	6.83	7.10	7.24	6.71
Down	ENSMUSG00000061517	-2.30	1.73E-12	Sox21	protein_coding	6.58	6.19	6.13	6.19	4.97	3.84	3.07	4.46
Down	ENSMUSG00000071180	-1.13	1.95E-12	Smim15	protein_coding	8.16	7.98	7.09	6.97	8.28	6.52	7.43	7.36
Down	ENSMUSG00000042903	-1.24	1.98E-12	Foxo4	protein_coding	7.27	6.80	6.84	6.80	5.78	5.27	6.81	6.16
Up	ENSMUSG00000033249	1.41	1.99E-12	Hsf4	protein_coding	6.13	5.59	5.67	5.88	7.08	7.20	7.12	7.29
Down	ENSMUSG00000027524	-2.99	1.99E-12	Efn3	protein_coding	4.87	4.53	4.95	4.95	3.17	2.53	2.35	2.92
Up	ENSMUSG00000051013	1.05	2.08E-12	Mkx	protein_coding	6.39	6.45	6.70	6.56	7.81	6.55	7.42	7.36
Down	ENSMUSG00000026655	-1.34	2.10E-12	Fam107b	protein_coding	6.94	7.07	7.00	7.10	6.14	5.72	5.36	5.70
Up	ENSMUSG00000062300	1.95	2.18E-12	Nectin2	protein_coding	4.98	4.34	5.52	5.33	6.75	7.23	6.73	6.93
Down	ENSMUSG00000056708	-1.20	2.41E-12	Ier5	protein_coding	7.66	7.60	7.67	7.48	6.60	6.50	6.51	6.09
Down	ENSMUSG0000002897	-1.58	2.51E-12	Il17ra	protein_coding	6.16	6.06	6.00	5.88	4.42	3.84	4.45	5.32
Down	ENSMUSG00000028927	-1.20	2.51E-12	Padi2	protein_coding	8.00	8.03	7.89	8.02	6.99	6.57	6.18	7.27
Down	ENSMUSG00000035840	-1.04	2.56E-12	Lysmd3	protein_coding	6.67	7.02	6.63	7.02	5.84	5.93	5.75	5.93
Down	ENSMUSG00000039934	-1.20	2.63E-12	Gsap	protein_coding	5.86	5.76	6.00	5.95	4.80	4.60	4.88	4.97
Down	ENSMUSG00000115338	-1.93	2.70E-12	Pnp	protein_coding	6.06	5.74	5.94	6.13	3.45	4.76	3.97	4.59
Up	ENSMUSG00000062252	2.27	2.97E-12	Lhfp15	protein_coding	4.11	3.52	3.93	4.09	5.66	6.44	5.67	5.46
Down	ENSMUSG00000026344	-3.12	3.06E-12	Lypd1	protein_coding	9.75	9.98	9.50	10.20	5.71	7.24	4.77	7.76
Up	ENSMUSG00000060716	1.10	3.13E-12	Plekhh1	protein_coding	8.10	7.59	8.17	7.96	9.49	8.51	8.99	9.09
Down	ENSMUSG00000007872	-1.25	3.21E-12	Id3	protein_coding	6.24	6.04	5.90	6.25	5.38	4.51	4.94	4.97
Up	ENSMUSG00000026023	2.58	3.29E-12	Cdk15	protein_coding	4.32	4.34	4.17	4.19	6.45	6.65	6.08	6.08
Down	ENSMUSG00000060260	-1.35	3.39E-12	Pwn2									

Down	ENSMUSG00000053647	-3.53	3.60E-12	Gper1	protein_coding	3.81	4.31	3.80	4.25	2.37	2.78	2.13	2.00
Down	ENSMUSG00000024985	-1.49	3.98E-12	Tcf7l2	protein_coding	6.87	6.75	7.09	6.62	5.92	5.31	4.75	5.52
Up	ENSMUSG00000032033	2.17	4.14E-12	Bax2	protein_coding	4.07	4.17	3.75	3.86	5.82	5.58	5.63	6.17
Up	ENSMUSG00000042524	1.10	4.34E-12	Sun2	protein_coding	6.98	7.03	6.97	6.69	8.32	7.93	7.84	7.85
Down	ENSMUSG00000029999	-1.10	4.55E-12	Tgfa	protein_coding	7.77	8.16	7.91	8.02	6.70	6.52	7.14	7.13
Down	ENSMUSG00000024534	-1.49	4.71E-12	Sncalp	protein_coding	5.85	6.04	6.10	6.20	5.06	4.44	4.00	5.08
Up	ENSMUSG00000027283	1.45	5.15E-12	Eh4	protein_coding	5.69	5.74	5.66	5.77	6.88	6.75	7.51	6.72
Down	ENSMUSG00000020209	-2.15	5.17E-12	Myh15	protein_coding	5.58	5.82	5.73	5.72	4.31	3.77	3.24	4.08
Up	ENSMUSG00000020234	1.13	5.19E-12	4930404N11Rik	protein_coding	6.14	5.92	6.50	6.21	7.43	7.39	7.31	7.04
Down	ENSMUSG00000045751	-3.28	5.26E-12	Mms22l	protein_coding	5.12	5.02	5.02	5.17	2.44	2.22	2.35	3.78
Down	ENSMUSG00000026471	-2.34	5.37E-12	Mr1	protein_coding	5.66	5.44	5.43	5.62	3.69	3.05	4.10	3.53
Down	ENSMUSG00000033542	-2.42	5.73E-12	Arhgef5	protein_coding	5.54	5.25	5.29	5.50	3.55	2.98	2.71	4.20
Down	ENSMUSG00000038793	-3.01	6.31E-12	Lefty1	protein_coding	5.42	5.17	5.52	5.00	3.85	2.44	2.79	2.78
Down	ENSMUSG00000064360	-6.19	7.13E-12	mt-Nd3	protein_coding	4.29	4.27	4.60	5.04	2.13	2.00	2.20	2.24
Down	ENSMUSG00000024087	-3.06	7.19E-12	Cyp1b1	protein_coding	4.87	5.43	4.91	5.31	3.35	2.00	3.24	2.92
Down	ENSMUSG00000022793	-1.19	7.19E-12	B4gal4	protein_coding	7.34	7.44	7.40	7.53	6.14	6.36	5.79	6.67
Down	ENSMUSG00000028521	-1.06	7.48E-12	Slc35d1	protein_coding	6.62	6.97	6.66	6.71	5.30	5.78	6.04	5.76
Down	ENSMUSG00000009614	-1.40	7.59E-12	Sardh	protein_coding	6.09	5.93	5.94	6.05	4.72	4.96	4.88	4.36
Down	ENSMUSG00000026712	-2.02	7.79E-12	Mrc2	protein_coding	5.21	5.15	5.20	5.38	3.77	2.85	3.87	3.81
Down	ENSMUSG00000040948	-1.48	7.85E-12	Slc22d2	protein_coding	7.76	7.51	7.45	7.92	6.44	5.65	6.44	6.11
Down	ENSMUSG00000039167	-2.64	7.90E-12	Adgr4	protein_coding	5.23	4.95	5.26	5.24	3.60	2.85	2.13	3.70
Down	ENSMUSG00000022018	-1.13	8.01E-12	Rgcc	protein_coding	6.54	6.32	6.54	6.29	5.41	5.62	5.10	5.33
Up	ENSMUSG00000001666	1.05	8.14E-12	Ddt	protein_coding	6.66	6.43	6.57	6.36	7.33	7.56	7.86	7.27
Down	ENSMUSG00000032744	-2.89	8.28E-12	Heyl	protein_coding	5.00	4.86	4.24	4.65	2.47	2.92	2.35	3.29
Down	ENSMUSG00000073427	-1.43	8.49E-12	Gm4924	protein_coding	5.58	5.87	5.90	6.16	4.36	4.74	4.35	4.93
Down	ENSMUSG00000022528	-2.05	8.81E-12	Hes1	protein_coding	5.80	5.88	6.22	6.36	4.56	4.22	4.52	3.66
Down	ENSMUSG00000019880	-1.84	9.45E-12	Rspo3	protein_coding	6.71	7.18	6.79	6.88	5.33	6.21	5.64	5.21
Down	ENSMUSG00000032327	-2.26	9.84E-12	Stra6	protein_coding	5.61	5.80	5.50	5.60	3.40	3.05	4.19	4.08
Down	ENSMUSG00000106918	-1.16	1.00E-11	Mrip33	protein_coding	6.81	6.66	7.07	6.94	5.73	6.12	5.61	5.58
Down	ENSMUSG00000044345	-1.41	1.02E-11	Marveld1	protein_coding	5.96	5.43	5.87	5.82	4.22	4.76	4.30	4.77
Up	ENSMUSG00000046854	2.06	1.04E-11	Pip5k1l	protein_coding	3.38	4.05	3.93	4.39	5.50	5.17	6.11	5.98
Down	ENSMUSG00000074743	-2.55	1.08E-11	Tbhd	protein_coding	5.82	5.60	5.82	5.76	3.45	2.00	4.16	4.11
Down	ENSMUSG00000022836	-2.71	1.12E-11	Onc1	protein_coding	4.82	4.93	4.93	5.00	2.92	2.62	3.13	3.06
Down	ENSMUSG00000058979	1.02	1.15E-11	Hdh5d5	protein_coding	6.42	6.28	6.39	6.40	5.51	5.02	5.14	5.52
Down	ENSMUSG00000022724	-1.40	1.16E-11	Riox2	protein_coding	6.20	6.08	6.73	6.59	5.29	4.58	5.38	5.15
Up	ENSMUSG00000026879	1.15	1.20E-11	Gsn	protein_coding	7.51	7.27	7.60	7.41	8.73	8.39	8.64	8.58
Down	ENSMUSG00000071341	-1.32	1.20E-11	Egr4	protein_coding	6.24	6.56	5.98	6.06	5.47	4.72	4.71	5.03
Down	ENSMUSG00000031380	-3.00	1.21E-11	Vegfd	protein_coding	4.80	4.64	4.89	4.76	2.37	2.24	2.71	3.48
Down	ENSMUSG00000027800	-2.87	1.22E-11	Tm4sf1	protein_coding	5.58	5.50	5.45	5.69	3.89	2.85	2.35	3.66
Down	ENSMUSG00000021108	-1.62	1.22E-11	Prkch	protein_coding	5.10	4.93	4.82	5.04	2.82	3.73	4.07	3.85
Up	ENSMUSG00000036533	1.17	1.28E-11	Cdc42ep3	protein_coding	5.26	5.36	5.11	5.77	6.36	6.69	6.66	6.23
Down	ENSMUSG00000056501	-1.45	1.33E-11	Cebpb	protein_coding	7.26	6.81	7.11	6.73	5.74	5.62	5.93	5.62
Down	ENSMUSG00000026830	1.03	1.35E-11	Emm	protein_coding	9.15	9.06	8.76	9.14	10.43	9.52	9.81	10.30
Up	ENSMUSG00000040511	-1.34	1.35E-11	Pvr	protein_coding	6.25	6.27	5.93	5.96	4.72	4.72	4.79	4.63
Down	ENSMUSG00000053164	-1.56	1.39E-11	Gpr21	protein_coding	4.72	5.15	4.82	4.89	3.64	3.98	3.63	3.39
Down	ENSMUSG00000022836	-1.42	1.47E-11	Myk	protein_coding	7.16	6.87	7.26	7.29	5.64	5.50	6.44	5.35
Down	ENSMUSG00000024039	-1.69	1.49E-11	Cse	protein_coding	6.57	6.26	6.31	6.42	4.68	4.32	4.90	5.49
Up	ENSMUSG00000071268	1.07	1.64E-11	Zfp946	protein_coding	6.29	6.61	6.57	6.83	7.72	7.45	7.68	7.45
Down	ENSMUSG00000022146	-1.76	1.76E-11	Osmr	protein_coding	5.21	5.21	5.13	5.31	3.77	3.77	4.10	4.02
Down	ENSMUSG00000073752	-2.44	1.78E-11	Gm10570	protein_coding	5.15	4.84	5.31	4.87	3.17	3.17	2.63	3.74
Down	ENSMUSG00000020805	-1.62	1.79E-11	Slc13a5	protein_coding	4.98	4.95	5.45	5.33	3.96	3.65	4.16	3.66
Down	ENSMUSG00000044708	-1.04	1.89E-11	Kcnj10	protein_coding	9.72	9.70	9.88	9.65	9.14	8.15	8.39	8.93
Down	ENSMUSG00000047123	-1.44	2.01E-11	Ticam1	protein_coding	5.57	5.72	6.07	5.82	4.28	4.58	4.77	4.46
Down	ENSMUSG00000073293	-1.08	2.15E-11	Nudt10	protein_coding	7.35	7.43	7.29	7.16	6.59	6.33	5.81	6.25
Down	ENSMUSG00000009378	-3.15	2.24E-11	Slc16a12	protein_coding	4.84	4.47	5.19	5.27	2.66	2.53	2.45	3.44
Down	ENSMUSG00000035594	-1.96	2.31E-11	Chrna5	protein_coding	5.21	4.97	5.15	5.22	3.55	3.38	3.75	3.66
Down	ENSMUSG00000042228	-1.57	2.31E-11	Lyn	protein_coding	6.13	6.05	6.04	6.06	4.86	4.76	4.75	4.17
Down	ENSMUSG00000035910	-1.39	2.58E-11	Dcdc2a	protein_coding	7.03	7.01	7.07	7.05	4.93	6.15	5.63	5.87
Down	ENSMUSG00000046285	-1.29	2.71E-11	Frm6b	protein_coding	6.85	7.23	7.08	7.14	5.89	6.31	4.90	5.97
Down	ENSMUSG00000044712	-1.16	2.71E-11	Slc38a6	protein_coding	5.51	5.72	5.78	5.50	4.97	4.97	4.44	4.55
Down	ENSMUSG00000023966	-1.41	2.85E-11	Rsp9b	protein_coding	6.08	6.18	6.08	6.38	4.61	4.27	5.13	5.35
Up	ENSMUSG00000036634	1.46	2.88E-11	Mag	protein_coding	8.53	8.43	8.63	8.40	10.37	9.12	9.96	10.09
Down	ENSMUSG00000045441	-1.00	2.88E-11	Gprin3	protein_coding	7.53	7.79	7.21	7.32	6.27	6.72	6.15	6.77
Down	ENSMUSG00000024957	-1.81	2.96E-11	Kcnk4	protein_coding	6.09	5.58	6.05	5.74	4.27	3.33	4.27	4.66
Down	ENSMUSG00000033502	-1.32	3.21E-11	Cdc14a	protein_coding	5.79	5.78	6.09	6.25	4.31	4.97	5.04	4.79
Down	ENSMUSG00000062980	-2.57	3.26E-11	Cped1	protein_coding	5.47	5.83	5.29	6.04	3.17	4.30	2.35	3.81
Down	ENSMUSG00000042745	-2.75	3.61E-11	Id1	protein_coding	5.51	5.10	4.75	4.87	2.37	2.78	2.86	3.85
Down	ENSMUSG00000031613	-3.05	3.68E-11	Hpgd	protein_coding	4.80	5.06	4.75	5.69	2.13	2.44	3.45	3.34
Down	ENSMUSG00000051118	-2.73	3.84E-11	Olf77	protein_coding	3.91	4.34	3.93	3.82	2.57	2.70	2.13	2.70
Down	ENSMUSG00000036357	-2.25	3.89E-11	Gpr101	protein_coding	6.15	6.49	5.99	6.38	4.80	3.98	2.71	4.77
Down	ENSMUSG00000048960	-1.35	4.11E-11	Prex2	protein_coding	9.33	9.41	9.30	9.24	7.77	8.22	7.32	8.39
Down	ENSMUSG00000010064	-2.33	4.16E-11	Slc38a3	protein_coding	6.99	6.82	6.90	7.07	4.99	3.61	4.22	5.61
Down	ENSMUSG00000010476	-2.20	4.21E-11	Eyb3	protein_coding	4.70	5.06	4.97	5.07	3.40	3.71	3.39	3.97
Down	ENSMUSG00000018654	-2.21	4.37E-11	Ikarf1	protein_coding	6.13	6.55	6.31	5.09	3.81	3.71	3.81	2.71
Down	ENSMUSG00000001844	-1.25	4.59E-11	Zdhhc4	protein_coding	6.46	6.75	6.86	6.86	5.25	5.00	5.88	5.92
Up	ENSMUSG00000034098	1.13	4.62E-11	Fstl5	protein_coding	6.95	7.14	6.62	7.24	8.04	7.91	8.35	8.13
Down	ENSMUSG00000020521	-1.03	4.83E-11	Rnf11	protein_coding	6.46	6.48	6.34	6.57	4.92	5.65	5.54	5.75
Down	ENSMUSG00000044350	-1.61	4.86E-11	Lacc1	protein_coding	5.76	5.15	5.56	5.69	4.31	4.40	4.16	3.81
Down	ENSMUSG00000031799	-1.19	4.88E-11	Tpm4	protein_coding	7.69	7.82	7.76	7.73	6.90	6.12	6.36	6.86
Down	ENSMUSG00000024998	-1.56	5.02E-11	Plice1	protein_coding	7.26	6.96	6.73	7.33	5.51	5.89	4.59	6.06
Down	ENSMUSG00000041075	-1.30	5.02E-11	Fzd7	protein_coding	6.06	6.08	6.25	6.36	4.92	4.51	5.26	5.61
Down	ENSMUSG00000049892	-1.73	5.22E-11	Rasd1	protein_coding	7.06	7.37	7.44	6.94	4.52	6.26	5.20	5.75
Up	ENSMUSG00000010461	1.21	5.26E-11	Eya4	protein_coding	5.47	5.62	5.68	6.59	5.72	7.11	6.68	6.68
Up	ENSMUSG00000004791	1.96	5.33E-11	Pgf	protein_coding	4.70	3.88	4.57	4.37	6.51	6.13	6.13	5.75
Down	ENSMUSG00000030322	-1.23	5.63E-11	Mbd4	protein_coding	6.01	6.18	5.74	5.88	5.15	4.82	4.50	4.85
Down	ENSMUSG00000041378	-3.08	5.86E-11	Oldn5	protein_coding	4.89	5.08	4.37	4.65	2.66	2.34	3.54	2.00
Down	ENSMUSG00000023259	-1.33	5.89E-11	Ngef	protein_coding	9.05	9.14	8.92	9.07	7.17	6.10	7.17	8.18
Down	ENSMUSG00000078227	-2.91	5.90E-11	Ccr5	protein_coding	5.45							

Down	ENSMUSG00000024317	-1.10	6.26E-11	Rnf138	protein_coding	6.63	6.97	7.08	7.15	5.50	6.15	6.07	5.87
Down	ENSMUSG00000091956	-1.85	6.44E-11	C2cd4b	protein_coding	5.74	6.13	6.23	5.79	4.80	4.22	3.40	4.66
Down	ENSMUSG00000040723	-1.56	6.55E-11	Rcsd1	protein_coding	5.17	5.33	3.69	5.31	5.37	4.22	4.27	3.70
Down	ENSMUSG00000019214	-1.65	6.61E-11	Chf1f8	protein_coding	6.94	6.77	6.81	7.06	5.32	5.39	5.40	5.31
Down	ENSMUSG00000049625	-2.66	7.01E-11	Tifab	protein_coding	4.87	4.69	4.93	4.80	3.47	2.62	2.13	3.39
Down	ENSMUSG00000026029	-2.77	7.17E-11	Casp8	protein_coding	4.65	4.72	4.05	4.65	2.66	2.98	2.54	2.85
Down	ENSMUSG00000027022	-2.31	7.45E-11	Xrp2	protein_coding	5.94	5.04	5.59	5.23	2.74	3.84	3.77	3.44
Down	ENSMUSG00000071856	-1.12	7.78E-11	Msc	protein_coding	8.26	7.98	8.11	8.02	7.03	6.50	6.40	6.89
Down	ENSMUSG00000050730	-1.09	7.90E-11	Arhgap42	protein_coding	6.83	6.79	6.59	6.67	5.56	5.60	5.51	6.06
Down	ENSMUSG000000089804	-3.55	7.91E-11	Gm10277	protein_coding	3.56	4.37	3.89	3.55	2.00	2.62	2.00	2.44
Up	ENSMUSG00000009951	1.77	8.00E-11	6330409D20Rik	protein_coding	3.95	3.73	3.93	4.05	5.09	5.56	5.56	5.31
Up	ENSMUSG00000074001	1.63	8.00E-11	Klh40	protein_coding	4.82	4.72	4.52	5.05	6.15	6.35	6.40	6.20
Down	ENSMUSG00000053070	-1.54	8.06E-11	Cfap300	protein_coding	6.14	6.13	5.99	6.25	5.20	4.96	4.04	4.50
Up	ENSMUSG00000020374	1.11	8.38E-11	Rasgef1c	protein_coding	4.77	4.97	4.70	5.11	5.71	6.09	5.96	5.81
Down	ENSMUSG00000029528	-1.26	8.41E-11	Pxn	protein_coding	6.85	6.46	6.87	6.83	5.20	5.42	5.45	6.09
Down	ENSMUSG00000109564	-2.35	8.59E-11	Muc16	protein_coding	6.15	6.42	6.50	6.67	3.73	4.30	3.94	5.05
Down	ENSMUSG00000040147	-2.57	8.86E-11	Maob	protein_coding	6.48	6.20	6.51	6.64	3.29	4.85	3.24	4.61
Down	ENSMUSG00000019842	-1.05	8.95E-11	Traf3ip2	protein_coding	5.98	6.39	6.39	6.44	5.97	5.04	5.49	5.23
Down	ENSMUSG000000058706	-1.04	8.96E-11	0610030E20Rik	protein_coding	6.98	7.27	7.34	6.90	6.05	6.22	6.26	5.98
Up	ENSMUSG000000481938	1.86	9.36E-11	Dm12	protein_coding	4.89	4.58	4.27	4.31	6.47	6.26	5.81	6.20
Down	ENSMUSG000000094747	-2.97	9.78E-11	Olf1r1307	protein_coding	5.31	4.93	5.15	5.27	2.66	2.92	3.35	3.12
Down	ENSMUSG00000040490	-1.10	1.03E-10	Lfn2	protein_coding	7.18	7.08	7.05	7.30	5.93	6.12	6.43	5.85
Down	ENSMUSG00000031610	-1.95	1.04E-10	Scrg1	protein_coding	6.69	6.71	6.09	6.40	5.47	4.98	4.77	4.14
Down	ENSMUSG00000022687	-1.09	1.05E-10	Boc	protein_coding	6.66	6.48	6.17	6.23	5.46	5.49	5.11	5.44
Down	ENSMUSG00000035783	-2.93	1.08E-10	Acta2	protein_coding	4.57	4.82	4.27	5.11	2.97	2.34	2.54	3.17
Down	ENSMUSG00000061132	-2.80	1.10E-10	Blnk	protein_coding	4.75	5.36	4.97	5.76	3.40	2.62	2.00	3.92
Down	ENSMUSG00000024620	-1.34	1.18E-10	Pdgfrb	protein_coding	6.48	5.98	6.31	6.35	5.37	5.18	4.99	4.57
Down	ENSMUSG00000054889	-1.22	1.21E-10	Dsp	protein_coding	7.91	7.86	8.08	7.80	6.59	6.06	7.18	6.85
Up	ENSMUSG00000022407	1.21	1.24E-10	Adsl	protein_coding	6.51	6.37	6.57	6.40	7.74	7.65	7.90	7.16
Down	ENSMUSG00000002603	-2.57	1.26E-10	Tgfb1	protein_coding	5.31	5.63	5.35	5.42	2.37	3.38	2.71	4.33
Down	ENSMUSG00000038415	-3.30	1.29E-10	Foxq1	protein_coding	4.70	4.41	4.43	5.04	2.00	3.05	2.00	3.06
Down	ENSMUSG000000055190	-1.63	1.30E-10	Zfp78	protein_coding	5.65	5.53	5.80	5.12	3.45	4.49	4.22	4.25
Down	ENSMUSG00000044468	-2.45	1.35E-10	Ten15c	protein_coding	5.28	4.91	5.38	5.30	3.23	3.17	2.71	3.95
Down	ENSMUSG00000031216	-1.01	1.35E-10	Slart8b	protein_coding	5.60	5.40	4.04	4.61	4.61	4.57	3.05	4.57
Up	ENSMUSG00000020834	1.82	1.36E-10	Dhrs13	protein_coding	4.65	4.82	4.37	4.50	6.00	6.03	6.68	6.09
Down	ENSMUSG00000000211	-2.96	1.41E-10	Sp1	protein_coding	5.06	4.84	4.34	4.28	3.04	3.11	2.00	2.62
Down	ENSMUSG00000108596	-1.88	1.42E-10	Gm49368	protein_coding	6.42	6.33	6.10	5.84	3.64	5.11	4.35	4.55
Down	ENSMUSG00000059325	-2.50	1.46E-10	Hopx	protein_coding	8.25	8.08	7.89	8.28	5.36	5.59	6.12	5.72
Down	ENSMUSG00000006611	-2.06	1.50E-10	Hfe	protein_coding	5.34	5.12	4.97	5.50	2.97	3.73	3.90	3.66
Up	ENSMUSG00000006782	1.20	1.58E-10	Cnp	protein_coding	9.97	9.79	10.14	9.98	11.46	10.44	11.18	11.39
Up	ENSMUSG00000030612	1.01	1.64E-10	Mrlp46	protein_coding	7.29	6.96	7.12	7.26	8.02	8.16	8.42	7.96
Down	ENSMUSG00000021286	-1.33	1.66E-10	Zlyve21	protein_coding	6.32	6.14	6.12	5.71	4.82	4.68	5.26	4.68
Down	ENSMUSG00000048915	1.26	1.78E-10	Efna5	protein_coding	6.03	6.47	5.88	6.42	7.12	7.59	7.37	7.60
Down	ENSMUSG00000040957	-1.14	1.78E-10	Cables1	protein_coding	7.39	7.69	7.15	7.23	6.43	6.43	6.31	6.60
Down	ENSMUSG00000028747	-1.76	1.79E-10	Htr6	protein_coding	5.21	5.61	5.61	5.33	3.81	3.38	4.07	4.02
Up	ENSMUSG00000016757	1.19	1.80E-10	Tll12	protein_coding	6.09	6.25	6.23	5.94	7.17	7.35	7.42	7.13
Down	ENSMUSG00000028546	-1.80	1.84E-10	Cfap45	protein_coding	6.36	5.67	5.43	3.77	4.26	4.24	4.33	4.74
Down	ENSMUSG00000028555	-1.41	1.90E-10	Ttc39a	protein_coding	5.08	4.84	4.84	4.45	5.62	6.23	6.00	5.86
Down	ENSMUSG00000028583	-2.71	1.97E-10	Pdnp	protein_coding	6.09	5.58	5.75	6.02	4.03	4.10	2.00	3.57
Down	ENSMUSG00000049001	-1.08	2.05E-10	Ndnf	protein_coding	7.24	7.37	7.50	7.36	6.04	6.29	6.71	6.17
Down	ENSMUSG00000022488	-1.71	2.15E-10	Nckap1l	protein_coding	5.97	5.77	5.46	6.16	4.72	4.58	3.54	4.36
Down	ENSMUSG00000030792	-4.60	2.21E-10	Dkk1	protein_coding	3.31	4.05	3.93	4.22	2.37	2.12	2.00	2.12
Down	ENSMUSG00000006386	-2.13	2.21E-10	Tek	protein_coding	4.67	5.26	5.45	4.96	2.47	3.69	3.35	3.92
Down	ENSMUSG00000051920	-1.19	2.27E-10	Rspo2	protein_coding	7.05	7.03	6.74	6.78	6.26	6.08	5.38	5.48
Down	ENSMUSG000000069763	-1.91	2.31E-10	Tmem100	protein_coding	5.60	5.84	5.68	5.69	3.85	3.43	4.41	4.38
Up	ENSMUSG00000030093	1.34	2.33E-10	Wnt7a	protein_coding	6.51	5.75	5.67	6.30	7.25	7.27	7.74	7.23
Down	ENSMUSG00000044014	-2.39	2.33E-10	Npy5r	protein_coding	4.98	5.70	5.73	3.89	5.24	2.62	4.04	3.17
Down	ENSMUSG00000062542	-1.30	2.35E-10	Syt9	protein_coding	6.29	5.98	5.79	6.19	5.01	5.04	4.88	4.63
Up	ENSMUSG00000004446	1.04	2.36E-10	Bld	protein_coding	6.22	6.12	6.65	5.97	7.31	7.09	7.42	7.22
Down	ENSMUSG00000098907	-2.45	2.50E-10	4930453H04Rik	protein_coding	5.74	5.06	5.52	5.48	2.82	2.53	3.63	4.33
Up	ENSMUSG00000042266	1.03	2.54E-10	Ptchd4	protein_coding	6.51	6.63	6.36	6.50	7.40	7.55	7.74	7.24
Down	ENSMUSG00000056856	1.60	2.61E-10	Apo8	protein_coding	4.98	4.69	4.63	5.11	6.33	6.56	6.11	6.26
Down	ENSMUSG00000091122	-1.92	2.61E-10	Gm8247	protein_coding	6.79	7.07	6.82	7.02	4.52	5.70	4.57	5.41
Down	ENSMUSG00000037868	-2.18	2.67E-10	Egr2	protein_coding	4.67	4.50	4.68	4.74	2.90	2.92	2.54	3.78
Down	ENSMUSG00000028801	-1.36	2.71E-10	Stgp1	protein_coding	5.62	5.88	5.77	5.75	4.68	4.19	4.69	4.61
Down	ENSMUSG00000009687	-2.52	2.75E-10	Fxyd5	protein_coding	4.57	5.14	4.68	4.80	2.90	3.56	2.00	3.23
Down	ENSMUSG00000031684	-1.26	2.76E-10	Slc10a7	protein_coding	5.85	5.98	5.77	5.94	4.56	4.62	4.97	4.81
Up	ENSMUSG00000015217	1.14	2.84E-10	Hmgb3	protein_coding	6.16	6.25	6.82	6.60	7.51	7.42	7.78	7.61
Down	ENSMUSG00000042436	-3.71	2.84E-10	Mfap4	protein_coding	4.26	4.58	4.70	4.78	2.00	2.62	2.63	2.54
Down	ENSMUSG00000051043	-3.22	2.90E-10	Gprc5c	protein_coding	4.59	4.74	5.02	4.82	2.74	2.12	2.00	3.48
Up	ENSMUSG00000024376	1.54	2.93E-10	Epb414a	protein_coding	5.68	6.00	5.94	5.94	7.59	7.04	7.54	7.26
Down	ENSMUSG00000028643	-1.53	3.01E-10	Svbp	protein_coding	5.36	5.26	5.74	5.98	4.28	4.27	3.63	4.46
Down	ENSMUSG00000040717	-2.36	3.11E-10	Il17rd	protein_coding	5.39	5.76	6.08	6.18	4.00	3.22	4.00	4.74
Down	ENSMUSG00000031666	-1.01	3.30E-10	Sat11	protein_coding	7.52	7.18	7.56	7.33	6.08	6.31	6.33	6.76
Down	ENSMUSG00000019820	-1.12	3.34E-10	Lims1	protein_coding	6.31	7.38	7.23	7.39	6.31	5.43	6.59	6.39
Up	ENSMUSG00000030607	2.08	3.47E-10	Acan	protein_coding	5.17	4.84	5.27	5.19	7.35	7.26	6.96	6.61
Up	ENSMUSG00000048004	1.22	3.96E-10	Tmem196	protein_coding	5.74	6.31	6.48	6.48	7.26	7.49	7.65	7.41
Down	ENSMUSG00000044469	-1.82	3.96E-10	Trfaip8l1	protein_coding	5.17	5.26	4.57	5.14	3.23	3.61	3.67	3.89
Up	ENSMUSG00000024891	1.61	4.00E-10	Slc29a2	protein_coding	5.06	4.56	5.38	5.59	6.34	6.88	6.94	6.56
Down	ENSMUSG00000024076	-1.76	4.13E-10	Vit	protein_coding	5.15	5.33	5.50	5.48	3.45	3.84	3.83	4.36
Up	ENSMUSG000000403311	1.02	4.16E-10	D17H6S53E	protein_coding	6.18	6.39	6.26	6.05	7.47	7.11	7.23	6.98
Down	ENSMUSG00000004018	-1.33	4.16E-10	Fanci	protein_coding	5.70	5.88	5.75	6.10	4.63	4.16	4.83	4.97
Down	ENSMUSG00000064090	-1.73	4.21E-10	Vrk2	protein_coding	5.15	5.80	5.69	4.03	5.82	4.22	4.63	4.67
Up	ENSMUSG00000020085	1.35	4.23E-10	Aifm2	protein_coding	5.34	5.68	5.50	5.94	7.13	7.17	6.52	6.74
Down	ENSMUSG00000050315	-2.03	4.44E-10	Synpo2	protein_coding	6.26	6.52	6.42	6.15	4.25	5.13	4.70	5.15
Down	ENSMUSG00000026697	-1.48	4.57E-10	Mycp	protein_coding	5.57	5.70	5.68	5.82	4.47	3.61	4.71	4.59
Down	ENSMUSG00000026896	-2.09	4.70E-10	Htr1	protein_coding	4.75	5.64	4.90	5.35	5.84	3.50	3.24	4.14
Down	ENSMUSG00000059023	-2.51											

Up	ENSMUSG00000048281	1.75	4.82E-10	Dleu7	protein_coding	4.42	5.19	5.00	5.17	6.38	6.62	6.52	6.79
Down	ENSMUSG00000033685	-2.59	4.83E-10	Ucp2	protein_coding	7.71	7.11	6.51	7.81	5.68	4.49	3.50	5.25
Down	ENSMUSG00000074166	-1.50	4.84E-10	AW146154	protein_coding	5.81	5.70	6.25	5.83	4.47	4.78	4.54	4.48
Down	ENSMUSG00000028088	-1.81	5.12E-10	Fmo5	protein_coding	5.08	5.15	5.09	5.14	3.50	3.47	3.87	3.81
Down	ENSMUSG000000052407	-1.38	5.39E-10	Ccdc171	protein_coding	6.87	7.03	6.89	6.98	5.61	4.49	6.11	5.87
Down	ENSMUSG00000019762	-3.36	5.44E-10	lyd	protein_coding	5.12	5.60	5.50	5.17	2.25	3.77	2.86	2.24
Up	ENSMUSG00000002190	1.14	5.55E-10	Cigln	protein_coding	6.57	6.58	6.67	6.58	7.90	6.34	7.77	7.71
Down	ENSMUSG00000050122	-2.11	5.83E-10	Vwa3b	protein_coding	6.20	6.61	6.57	6.51	3.69	4.27	5.11	4.83
Down	ENSMUSG00000026288	-1.59	5.90E-10	Inpp5d	protein_coding	6.57	5.93	6.39	5.98	4.19	4.13	5.20	5.27
Down	ENSMUSG00000034485	-1.75	5.91E-10	Uaca	protein_coding	5.80	6.09	6.02	6.12	4.82	3.65	3.87	5.03
Down	ENSMUSG00000051747	-1.22	6.04E-10	Ttn	protein_coding	8.29	8.48	8.45	8.45	6.69	7.73	6.76	7.43
Down	ENSMUSG00000027907	-4.80	6.20E-10	S100a11	protein_coding	4.07	4.27	3.93	3.94	2.00	2.00	2.00	2.54
Down	ENSMUSG00000022150	-1.90	6.22E-10	Dab2	protein_coding	5.85	6.07	5.83	6.72	4.06	4.60	4.24	4.85
Down	ENSMUSG00000026786	-1.50	6.26E-10	Appb1p	protein_coding	6.14	5.74	5.85	5.60	4.00	4.30	4.69	4.90
Down	ENSMUSG00000032278	-2.18	6.43E-10	Paqr5	protein_coding	4.59	4.44	4.60	4.67	2.74	3.05	3.07	3.34
Down	ENSMUSG00000053012	-1.12	6.46E-10	Krcc1	protein_coding	7.01	7.03	7.07	7.17	5.90	5.61	6.22	6.55
Down	ENSMUSG00000044816	-1.94	6.54E-10	D630023F18Rik	protein_coding	5.19	5.95	5.60	6.05	3.92	3.65	4.54	4.02
Up	ENSMUSG000000062937	1.10	6.60E-10	Mtap	protein_coding	5.95	6.02	5.88	5.82	6.96	6.83	7.25	6.76
Up	ENSMUSG000000032679	1.48	6.65E-10	Cd59a2	protein_coding	6.47	5.92	5.72	6.77	7.66	7.61	7.96	7.60
Down	ENSMUSG000000073530	-2.00	6.65E-10	Pappa2	protein_coding	5.76	5.28	5.73	5.33	3.77	4.13	3.40	4.46
Down	ENSMUSG000000201778	-2.97	7.43E-10	Adora2a	protein_coding	3.61	4.05	3.54	3.69	2.13	2.00	2.54	2.54
Up	ENSMUSG000000327118	1.28	7.56E-10	Mancs1	protein_coding	5.36	5.64	5.79	5.59	6.43	6.87	7.30	6.48
Down	ENSMUSG00000074259	-1.36	7.78E-10	Gramd2	protein_coding	5.54	5.70	5.68	6.23	4.78	4.80	4.00	4.72
Up	ENSMUSG00000059203	1.47	7.79E-10	Il1rapl2	protein_coding	4.82	5.56	5.42	5.73	7.34	6.53	6.48	6.71
Down	ENSMUSG00000029442	-1.47	7.95E-10	Wdr66	protein_coding	5.69	5.82	5.53	5.91	4.13	4.64	3.94	4.88
Down	ENSMUSG00000068167	-3.86	7.99E-10	Csnka2ip	protein_coding	3.77	4.50	4.52	3.94	2.13	2.00	2.00	2.92
Down	ENSMUSG00000037973	-2.89	8.21E-10	lprid1	protein_coding	4.45	4.56	4.97	5.28	2.57	2.85	3.07	2.99
Down	ENSMUSG00000046338	-2.62	8.24E-10	Gpal2	protein_coding	3.56	4.34	3.93	3.98	2.47	2.78	2.00	2.85
Down	ENSMUSG00000032300	-1.17	8.38E-10	1700017B05Rik	protein_coding	7.11	6.88	7.09	7.04	5.86	6.18	5.63	5.94
Down	ENSMUSG00000052957	-2.33	8.54E-10	Gas1	protein_coding	5.62	5.21	5.17	5.55	3.81	2.92	2.54	4.25
Down	ENSMUSG00000029798	-1.50	9.38E-10	Herc6	protein_coding	5.60	5.21	5.49	5.76	3.89	4.74	3.50	4.50
Down	ENSMUSG00000097328	-1.65	9.59E-10	Tnfrsf12	protein_coding	6.10	5.84	5.65	6.16	3.73	4.66	4.57	4.79
Down	ENSMUSG000000028654	-1.63	9.73E-10	Mycl	protein_coding	7.70	7.64	7.91	7.33	5.98	5.80	6.26	6.70
Down	ENSMUSG00000048367	-5.05	9.95E-10	Osr1	protein_coding	3.81	4.58	4.91	4.37	2.13	2.00	2.00	2.00
Down	ENSMUSG00000047557	-2.45	9.99E-10	Lxn	protein_coding	7.03	7.23	7.24	7.36	4.74	5.49	3.07	5.40
Down	ENSMUSG00000015568	-1.21	1.00E-09	Lpl	protein_coding	7.44	7.53	7.89	7.72	6.85	5.95	6.78	6.11
Down	ENSMUSG00000040138	-2.67	1.02E-09	Ndp	protein_coding	4.32	5.33	5.27	5.69	2.66	3.33	2.79	3.78
Down	ENSMUSG00000037808	-1.02	1.02E-09	Fam76b	protein_coding	6.71	6.96	6.99	7.11	5.94	6.06	5.45	6.33
Down	ENSMUSG00000029552	-2.75	1.03E-09	Tes	protein_coding	4.29	4.44	4.57	4.63	2.57	2.70	2.00	3.39
Down	ENSMUSG00000021702	-2.22	1.03E-09	Thbs4	protein_coding	5.96	6.49	5.67	5.71	4.22	3.05	4.07	4.57
Down	ENSMUSG00000026094	-1.94	1.05E-09	Sik17b	protein_coding	5.28	5.04	5.05	5.11	3.23	3.98	2.71	4.02
Up	ENSMUSG00000020843	1.02	1.06E-09	Timm22	protein_coding	6.97	6.63	6.63	6.88	7.59	7.92	7.93	7.67
Down	ENSMUSG00000026322	-1.15	1.12E-09	Htr4	protein_coding	6.79	6.78	6.98	6.68	5.75	5.48	6.19	5.33
Down	ENSMUSG00000017969	-1.72	1.13E-09	Ptgis	protein_coding	5.12	5.00	5.11	4.70	3.45	3.05	4.17	3.63
Down	ENSMUSG00000025808	-2.65	1.14E-09	Ccdc7a	protein_coding	4.77	5.35	5.22	5.27	2.82	3.52	2.86	3.39
Down	ENSMUSG00000004044	-1.94	1.15E-09	Cavin1	protein_coding	5.92	5.88	5.11	5.89	4.63	3.80	3.50	4.14
Down	ENSMUSG000000070867	-1.65	1.17E-09	Tripart2	protein_coding	5.99	6.86	6.12	5.49	4.36	4.10	5.08	4.43
Up	ENSMUSG00000021990	-1.03	1.18E-09	Spata13	protein_coding	7.14	6.95	6.77	6.81	5.59	5.61	6.05	6.37
Up	ENSMUSG00000035172	1.18	1.21E-09	Plekhh3	protein_coding	5.42	5.62	5.55	4.98	6.66	6.28	6.62	6.43
Up	ENSMUSG00000022203	1.18	1.22E-09	Efs	protein_coding	5.71	5.02	5.50	5.67	6.95	6.17	6.35	6.85
Down	ENSMUSG00000021534	-1.66	1.24E-09	1700001L19Rik	protein_coding	6.26	6.02	6.09	6.04	3.60	5.05	4.33	5.03
Down	ENSMUSG00000116953	-2.45	1.25E-09	9030025P20Rik	protein_coding	3.99	4.31	4.43	3.90	2.57	2.62	2.45	3.12
Down	ENSMUSG00000050945	-1.10	1.27E-09	Zfp438	protein_coding	6.25	6.21	6.10	6.09	5.04	4.83	5.19	5.49
Down	ENSMUSG00000095547	-3.42	1.28E-09	Gm10719	protein_coding	9.31	9.49	9.39	9.88	5.72	6.16	5.30	7.00
Down	ENSMUSG00000048070	-2.98	1.29E-09	Pirt	protein_coding	5.12	5.26	5.56	4.72	3.17	2.44	3.00	3.34
Down	ENSMUSG00000020892	-1.13	1.30E-09	Aloxe3	protein_coding	5.76	5.75	6.02	5.69	4.88	4.82	4.69	4.77
Up	ENSMUSG00000002324	1.81	1.33E-09	Rec8	protein_coding	3.86	4.24	4.20	4.31	5.72	5.71	5.61	5.85
Down	ENSMUSG00000098112	-2.09	1.34E-09	Bin2	protein_coding	6.03	5.87	5.55	5.46	4.52	3.65	3.00	4.28
Down	ENSMUSG00000053093	-2.13	1.41E-09	Myh7	protein_coding	7.72	7.79	7.33	8.34	4.95	5.93	5.05	6.58
Down	ENSMUSG00000044244	-2.15	1.48E-09	Il20rb	protein_coding	4.95	4.86	5.13	4.87	3.04	3.47	3.30	3.48
Down	ENSMUSG00000039891	-2.38	1.53E-09	Txinb	protein_coding	5.17	5.33	5.09	5.75	3.60	3.05	3.13	3.95
Down	ENSMUSG00000052085	-1.09	1.53E-09	Dock8	protein_coding	5.85	6.31	6.08	6.02	5.04	5.27	5.11	4.85
Up	ENSMUSG00000055612	1.73	1.54E-09	Cdca7	protein_coding	4.93	4.13	4.27	4.60	5.83	6.40	5.95	6.01
Down	ENSMUSG00000039358	-2.74	1.54E-09	Drd5	protein_coding	5.96	6.03	5.88	5.63	2.13	4.37	3.35	3.74
Down	ENSMUSG00000028028	-1.65	1.54E-09	Alpk1	protein_coding	5.65	5.76	5.55	5.96	4.06	3.56	4.57	4.74
Down	ENSMUSG00000068134	-1.20	1.54E-09	Zfp120	protein_coding	7.21	7.10	7.15	7.46	5.50	6.00	6.15	6.50
Down	ENSMUSG00000020847	-2.27	1.55E-09	Rph3al	protein_coding	5.12	5.31	5.29	5.55	3.17	3.61	4.13	2.85
Down	ENSMUSG00000057719	-2.58	1.56E-09	Sh3rf2	protein_coding	4.22	3.92	4.05	4.82	2.13	3.28	2.00	3.06
Down	ENSMUSG00000016526	-1.51	1.57E-09	Dyrk3	protein_coding	6.18	6.38	6.57	6.16	5.25	5.13	3.94	5.14
Up	ENSMUSG00000034714	1.06	1.62E-09	Tlyh2	protein_coding	7.67	7.66	7.84	7.42	9.06	7.93	8.67	8.88
Down	ENSMUSG00000031465	-2.31	1.64E-09	Angpt2	protein_coding	3.81	4.20	4.20	3.65	2.25	2.24	2.79	3.17
Down	ENSMUSG00000026463	-1.58	1.76E-09	Atp2b4	protein_coding	9.84	10.08	9.42	10.25	7.69	8.74	7.57	8.93
Down	ENSMUSG00000027297	-2.22	1.79E-09	Ltk	protein_coding	5.24	5.60	5.55	5.41	2.74	4.24	4.11	4.24
Down	ENSMUSG000000424650	-1.77	1.82E-09	Slc22a6	protein_coding	4.54	4.44	4.44	5.09	4.24	2.37	2.13	2.70
Down	ENSMUSG00000004661	-1.17	1.83E-09	Arid3b	protein_coding	5.60	5.47	6.23	5.53	4.36	4.56	5.04	4.77
Down	ENSMUSG000000663796	-1.96	1.86E-09	Slc22a8	protein_coding	5.13	5.68	5.48	5.50	4.10	4.07	2.35	4.20
Down	ENSMUSG00000026126	-3.00	1.87E-09	Ptpn18	protein_coding	5.15	4.74	4.49	4.98	3.45	2.62	2.00	2.92
Down	ENSMUSG00000044243	-3.75	1.92E-09	Bhlha9	protein_coding	4.03	4.01	3.97	4.09	2.37	2.44	2.00	2.34
Up	ENSMUSG00000045664	1.41	1.93E-09	Cdc42ep2	protein_coding	4.82	5.21	4.68	5.58	6.49	6.13	6.44	6.61
Up	ENSMUSG00000020937	1.05	1.97E-09	Picd3	protein_coding	5.53	5.52	5.20	5.76	6.60	6.54	6.38	6.48
Down	ENSMUSG00000047428	-1.07	1.99E-09	Dlk2	protein_coding	5.88	6.06	6.20	6.00	5.20	4.90	5.23	4.90
Up	ENSMUSG00000035202	1.06	2.03E-09	Lars2	protein_coding	11.96	11.95	11.98	12.08	13.38	12.71	13.24	12.77
Down	ENSMUSG00000022286	-1.91	2.03E-09	Grlh2	protein_coding	4.32	4.61	5.07	4.70	3.45	3.11	3.13	3.48
Down	ENSMUSG00000047810	-1.48	2.31E-09	Ccdc88b	protein_coding	5.69	5.46	5.24	5.14	4.19	4.27	4.13	3.95
Up	ENSMUSG00000042514	1.80	2.32E-09	Klhl14	protein_coding	4.51	4.50	3.80	4.09	5.63	5.61	4.85	6.12
Down	ENSMUSG00000041974	-1.30	2.35E-09	Spidr	protein_coding	6.32	6.53	6.42	6.22	5.27	4.82	5.14	5.42
Down	ENSMUSG00000039646	-1.30	2.37E-09	Vsnl	protein_coding	5.28	5.17	5.93	5.44	3.69	4.13	4.63	4.48
Down	ENSMUSG00000090863												

Down	ENSMUSG00000028228	-1.10	2.61E-09	Cpne3	protein_coding	6.63	6.15	6.45	6.92	5.86	5.24	5.41	5.56
Down	ENSMUSG00000031698	-2.29	2.63E-09	Mylk3	protein_coding	5.04	5.00	4.87	4.70	3.17	2.92	2.79	3.78
Down	ENSMUSG00000033923	-1.43	2.64E-09	Igfbp2	protein_coding	7.43	6.66	6.36	7.57	5.50	5.98	5.64	5.76
Down	ENSMUSG00000032548	-2.31	2.69E-09	Sico2a1	protein_coding	5.51	5.63	5.70	5.57	4.00	3.22	2.86	4.28
Up	ENSMUSG00000027359	1.04	2.71E-09	Sic27a2	protein_coding	5.79	5.38	5.59	5.14	6.48	6.53	6.29	6.53
Down	ENSMUSG00000027287	-1.15	2.86E-09	Snap23	protein_coding	6.67	6.51	6.37	6.54	5.44	5.02	5.07	6.02
Down	ENSMUSG00000016194	-2.06	2.88E-09	Hsf1f1b1	protein_coding	6.35	6.19	6.30	6.19	4.19	3.66	4.19	4.67
Up	ENSMUSG00000019865	1.83	2.93E-09	Nmr1	protein_coding	4.67	5.02	3.80	4.28	5.97	6.48	6.09	5.97
Down	ENSMUSG00000037353	-1.00	3.07E-09	Letmd1	protein_coding	7.49	7.76	7.60	7.55	6.30	6.70	6.55	6.90
Down	ENSMUSG00000019359	-2.48	3.08E-09	Gdgd2	protein_coding	4.80	4.58	5.31	5.25	2.25	2.98	3.35	3.81
Down	ENSMUSG00000029484	-2.26	3.09E-09	Arxa3	protein_coding	5.12	5.55	5.00	5.24	3.17	2.34	4.07	3.74
Down	ENSMUSG00000046269	-1.01	3.12E-09	Usp27x	protein_coding	7.22	7.16	6.91	6.93	5.83	5.87	6.23	6.36
Down	ENSMUSG00000068270	-1.51	3.16E-09	Shroom4	protein_coding	5.39	5.76	5.48	6.31	4.49	3.91	4.57	4.74
Up	ENSMUSG00000037568	1.72	3.23E-09	Vash2	protein_coding	4.51	4.64	4.75	4.92	5.82	6.40	6.50	6.28
Up	ENSMUSG00000028164	1.22	3.23E-09	Manba	protein_coding	6.05	5.72	6.06	6.11	7.20	7.18	7.17	7.10
Down	ENSMUSG00000022309	-2.24	3.27E-09	Angpt1	protein_coding	5.57	5.98	5.79	5.59	4.06	2.70	3.71	4.43
Down	ENSMUSG00000046417	-1.54	3.31E-09	Lrrc75a	protein_coding	5.31	5.78	5.48	5.90	3.40	4.83	4.54	4.02
Down	ENSMUSG00000015947	-3.20	3.38E-09	Fcgr1	protein_coding	4.72	4.79	4.25	4.45	3.17	2.00	2.85	2.00
Down	ENSMUSG00000035104	-2.41	3.56E-09	Eva1a	protein_coding	5.88	5.87	5.97	5.44	4.39	3.80	2.00	4.02
Up	ENSMUSG00000073185	1.08	3.70E-09	Chmi1	protein_coding	6.72	6.69	6.77	7.32	7.70	7.70	7.89	7.89
Down	ENSMUSG00000034200	-2.07	3.70E-09	Fcgr1	protein_coding	5.36	5.41	5.25	5.70	3.05	4.00	4.00	3.81
Down	ENSMUSG00000037395	-1.00	3.85E-09	N4bp2	protein_coding	7.00	7.11	7.09	7.28	6.09	6.18	5.59	6.62
Down	ENSMUSG00000032985	-1.56	4.04E-09	5730522E02Rik	protein_coding	4.98	5.10	5.17	5.34	4.16	3.94	3.45	3.89
Down	ENSMUSG00000026389	-1.49	4.09E-09	Steap3	protein_coding	5.23	4.95	5.05	4.82	4.19	3.56	3.71	3.74
Down	ENSMUSG00000027001	-1.10	4.27E-09	Dusp19	protein_coding	6.73	6.93	6.85	7.16	6.20	5.59	6.05	5.58
Down	ENSMUSG00000032122	-1.48	4.28E-09	Sic37a2	protein_coding	5.33	5.44	4.87	5.19	4.28	3.91	3.40	4.23
Down	ENSMUSG00000058099	-2.56	4.48E-09	Nfam1	protein_coding	5.15	4.93	4.27	5.16	3.04	3.52	2.00	3.34
Down	ENSMUSG00000052384	-1.72	4.57E-09	Nrros	protein_coding	5.48	5.67	5.61	5.53	3.81	3.47	4.07	4.75
Up	ENSMUSG00000023266	1.13	4.62E-09	Frs3	protein_coding	6.43	6.65	6.39	6.70	7.90	7.70	7.34	7.59
Down	ENSMUSG00000022297	-2.09	4.64E-09	Fzd6	protein_coding	5.57	5.52	5.60	5.38	2.97	3.80	3.67	4.36
Up	ENSMUSG00000028883	1.13	4.73E-09	Sema3a	protein_coding	5.96	5.97	5.85	6.53	6.52	6.52	7.28	7.35
Down	ENSMUSG00000021226	-1.33	4.78E-09	Aco2	protein_coding	6.35	6.07	6.47	6.48	5.50	5.32	4.65	4.88
Down	ENSMUSG00000020154	-1.03	4.81E-09	Ptpnb	protein_coding	6.31	6.74	6.24	6.33	4.74	5.17	5.17	5.65
Down	ENSMUSG00000028011	-3.41	4.87E-09	Fcgr2	protein_coding	4.93	5.25	4.50	5.02	2.47	3.33	2.00	3.06
Down	ENSMUSG00000024913	-1.54	4.91E-09	Lrp5	protein_coding	6.29	6.42	6.31	6.05	5.11	4.89	3.83	5.28
Down	ENSMUSG00000090667	-4.10	5.09E-09	Gm765	protein_coding	3.72	3.73	4.30	4.34	2.47	2.00	2.35	2.12
Down	ENSMUSG00000020513	-1.28	5.49E-09	Tubd1	protein_coding	5.53	5.41	5.60	5.81	4.36	4.16	4.81	4.48
Down	ENSMUSG00000036381	-2.78	5.54E-09	P2ry14	protein_coding	5.17	5.02	5.17	5.38	2.24	3.87	3.39	3.98
Down	ENSMUSG00000041134	-2.59	5.73E-09	Cyrr1	protein_coding	5.06	5.36	5.17	5.02	2.47	3.80	2.35	3.62
Down	ENSMUSG00000037621	-2.96	5.80E-09	Atoh8	protein_coding	4.54	4.53	4.46	4.89	2.37	2.44	2.00	3.57
Up	ENSMUSG00000021255	2.10	6.01E-09	Esrb	protein_coding	4.77	3.83	3.75	4.53	6.40	6.21	5.67	6.18
Up	ENSMUSG00000060923	1.22	6.07E-09	Acyp2	protein_coding	6.54	6.48	6.48	6.49	7.36	7.74	7.83	7.75
Up	ENSMUSG00000047507	1.84	6.16E-09	Baiap3	protein_coding	4.51	5.52	5.37	5.70	6.71	7.54	6.24	7.44
Down	ENSMUSG00000016239	-1.15	6.26E-09	Lonr3	protein_coding	6.12	6.55	6.81	6.74	5.37	5.85	5.47	5.24
Up	ENSMUSG00000027996	2.31	6.28E-09	Sfrp2	protein_coding	3.44	3.88	4.71	5.42	4.19	5.79	6.26	5.86
Down	ENSMUSG00000041390	-2.49	6.88E-09	Mdfic	protein_coding	6.13	5.52	5.56	5.56	3.81	2.66	3.97	4.46
Down	ENSMUSG00000028228	-2.84	7.12E-09	Hiv2b	protein_coding	3.86	3.19	3.36	3.36	2.44	2.57	2.00	2.44
Up	ENSMUSG00000018589	1.32	7.22E-09	Cir2	protein_coding	5.55	5.97	5.46	6.30	7.14	7.37	6.74	7.17
Down	ENSMUSG00000044317	-1.71	7.44E-09	Gpr4	protein_coding	4.54	4.72	4.82	4.74	3.73	2.70	3.24	3.81
Down	ENSMUSG00000064357	-6.47	7.51E-09	mt-Atp6	protein_coding	3.38	3.19	3.23	3.45	2.00	2.00	2.00	2.00
Up	ENSMUSG00000036098	1.17	7.59E-09	Myrf	protein_coding	9.00	8.63	8.77	8.56	10.41	9.19	9.86	9.94
Down	ENSMUSG00000033420	-1.29	7.72E-09	Antxr1	protein_coding	6.91	7.13	7.00	7.09	6.30	4.60	5.87	5.98
Up	ENSMUSG00000020061	1.54	7.89E-09	Mybpc1	protein_coding	5.10	5.95	5.69	5.17	6.99	6.71	7.54	6.40
Down	ENSMUSG00000033717	-1.29	7.92E-09	Adra2a	protein_coding	6.56	6.64	6.49	6.78	4.70	5.80	5.10	5.77
Down	ENSMUSG00000030409	-1.77	7.95E-09	Dmpk	protein_coding	5.55	5.31	4.73	5.54	3.43	3.43	3.35	4.14
Down	ENSMUSG00000030220	-2.19	7.97E-09	Arhgdib	protein_coding	5.15	5.91	5.09	5.19	2.37	3.47	4.04	4.02
Down	ENSMUSG00000064201	-3.02	8.06E-09	Krt2	protein_coding	5.12	5.59	5.52	5.20	3.42	3.22	3.07	3.74
Down	ENSMUSG00000039217	-1.51	8.08E-09	Il18	protein_coding	5.92	5.68	5.75	5.75	5.05	4.16	3.67	4.55
Down	ENSMUSG00000038147	-2.20	8.14E-09	Cd84	protein_coding	4.18	5.35	5.35	5.07	3.35	2.78	3.45	3.78
Down	ENSMUSG00000070436	-1.76	8.20E-09	Serpinh1	protein_coding	5.91	5.63	5.45	5.52	4.36	4.64	3.19	3.95
Up	ENSMUSG00000010057	1.03	8.31E-09	Nbr2	protein_coding	6.50	6.05	6.14	6.09	7.21	7.10	7.44	7.00
Down	ENSMUSG00000029661	-2.05	8.31E-09	Col1a2	protein_coding	5.54	5.91	6.01	6.05	5.09	3.33	3.30	3.99
Down	ENSMUSG00000052142	-2.51	8.33E-09	Rasal3	protein_coding	4.29	4.17	4.60	4.53	2.82	3.17	2.35	2.78
Up	ENSMUSG00000025141	1.92	8.37E-09	Myadm12	protein_coding	4.18	3.88	4.09	4.78	5.94	6.44	5.47	5.81
Down	ENSMUSG00000036446	-4.70	8.39E-09	Lum	protein_coding	3.25	4.20	4.80	4.72	2.00	2.44	2.00	2.34
Up	ENSMUSG00000045094	1.64	8.56E-09	Arhgef37	protein_coding	5.00	5.08	4.65	4.53	6.50	6.08	6.53	6.12
Up	ENSMUSG00000108011	1.43	8.56E-09	Gm44596	protein_coding	5.23	5.46	5.29	5.37	6.70	6.66	6.83	6.47
Down	ENSMUSG00000061232	-1.89	8.60E-09	H2-K1	protein_coding	5.71	5.58	5.50	5.71	3.96	3.43	4.00	4.50
Down	ENSMUSG00000001247	-2.21	8.67E-09	Lsr	protein_coding	4.75	5.19	4.89	5.02	2.90	2.00	2.00	3.53
Down	ENSMUSG00000040987	-3.61	8.68E-09	Mill2	protein_coding	3.25	4.53	4.34	4.67	2.44	4.14	2.24	2.69
Up	ENSMUSG00000068876	1.20	8.90E-09	Cgn	protein_coding	5.47	5.28	5.20	5.60	6.09	6.81	6.46	6.45
Up	ENSMUSG00000039103	1.51	8.99E-09	Nexn	protein_coding	5.36	4.72	4.30	4.87	6.37	5.60	6.74	5.99
Down	ENSMUSG00000028228	-2.71	9.21E-09	F11r	protein_coding	5.13	4.79	4.65	5.24	2.13	3.44	3.44	3.59
Down	ENSMUSG00000041515	-1.96	9.27E-09	Irf9	protein_coding	5.84	5.43	5.91	5.95	4.44	2.62	3.40	4.11
Down	ENSMUSG00000032377	-2.50	9.29E-09	Plscr4	protein_coding	3.81	4.50	5.15	5.22	3.11	2.44	3.13	3.29
Down	ENSMUSG00000031239	-1.42	9.51E-09	Itm2a	protein_coding	5.28	5.68	5.94	5.84	4.03	4.70	4.38	4.63
Down	ENSMUSG00000041703	-2.19	9.76E-09	Zic5	protein_coding	6.05	6.22	6.05	6.43	3.35	4.78	3.00	4.87
Down	ENSMUSG00000022610	-2.93	9.83E-09	Mapk12	protein_coding	4.03	4.47	4.17	4.19	2.74	2.24	2.13	2.99
Down	ENSMUSG00000039552	-2.53	9.85E-09	Rsph4a	protein_coding	5.82	5.93	5.64	6.42	3.52	4.47	2.54	4.23
Down	ENSMUSG00000044092	-4.05	9.95E-09	C130050O18Rik	protein_coding	3.31	3.68	4.17	3.55	2.00	2.44	2.00	2.24
Down	ENSMUSG00000048703	-2.58	1.01E-08	Speer4b	protein_coding	3.99	3.68	4.05	3.60	2.37	3.05	2.13	2.34
Down	ENSMUSG00000044258	-4.14	1.02E-08	Ctla2a	protein_coding	4.89	4.61	3.84	3.55	2.00	2.70	2.00	2.34
Down	ENSMUSG00000096736	-3.76	1.02E-08	Gm17535	protein_coding	9.32	9.58	9.32	9.93	5.36	6.16	4.75	6.61
Down	ENSMUSG00000078453	-1.85	1.04E-08	Abracl	protein_coding	6.30	6.15	6.10	6.34	3.50	5.25	4.24	4.72
Up	ENSMUSG00000039046	1.57	1.05E-08	Usp6nl	protein_coding	4.26	3.73	3.97	4.60	5.76	5.52	5.29	5.42
Down	ENSMUSG00000035000	-1.72	1.06E-08	Dpp4	protein_coding	4.65	5.47	5.43	5.19	3.64	3.94	3.50	4.11
Down	ENSMUSG00000032501	-1.34	1.07E-08	Tnfr1	protein_coding	6.86	6.82	6.73	6.40	4.82	6.09	5.27	5.35
Down	ENSMUSG00000018459	-1.84	1.08E-08	Sic13a3									

Down	ENSMUSG00000017754	-1.27	1.18E-08	PtIp	protein_coding	6.80	6.28	6.71	7.11	5.06	5.95	5.60	5.48
Down	ENSMUSG00000027330	-1.23	1.18E-08	Cdc25b	protein_coding	6.00	5.82	5.67	5.98	4.92	4.40	4.61	5.06
Down	ENSMUSG00000050944	-1.14	1.18E-08	Efcab5	protein_coding	6.85	6.64	6.67	6.56	5.51	5.20	6.09	5.48
Down	ENSMUSG000000102758	-1.13	1.18E-08	Naaladl2	protein_coding	5.48	5.77	5.38	6.02	4.78	4.99	4.35	4.55
Down	ENSMUSG00000072115	-3.37	1.23E-08	Ang	protein_coding	3.81	4.24	4.05	4.50	2.00	2.44	2.45	2.70
Down	ENSMUSG000000023271	-1.56	1.28E-08	Col14a1	protein_coding	5.10	5.70	5.17	5.53	3.64	4.16	4.47	3.92
Down	ENSMUSG000000220291	-2.00	1.29E-08	Diag3l	protein_coding	5.41	5.10	5.05	5.37	4.13	2.98	3.67	3.62
Down	ENSMUSG00000025400	-2.85	1.30E-08	Tac2	protein_coding	4.67	3.46	4.01	4.67	2.47	2.78	2.45	2.70
Down	ENSMUSG00000006720	-1.68	1.31E-08	Zfp184	protein_coding	5.19	5.06	5.07	5.12	3.23	4.24	3.24	4.02
Down	ENSMUSG000000118819	-2.50	1.32E-08	Lsp1	protein_coding	4.62	4.95	5.09	5.12	2.13	2.85	3.13	3.89
Down	ENSMUSG000000068617	-1.45	1.33E-08	Efcab1	protein_coding	6.73	6.34	6.18	7.01	5.40	5.79	4.61	4.92
Down	ENSMUSG00000070564	-2.55	1.34E-08	Ntn5	protein_coding	5.28	4.97	5.15	4.94	3.23	2.24	3.45	3.53
Down	ENSMUSG00000003418	-1.81	1.38E-08	St8sia6	protein_coding	5.65	5.87	5.88	6.14	4.25	4.16	3.45	4.97
Down	ENSMUSG00000043943	-1.98	1.45E-08	Naalad2	protein_coding	4.54	4.97	4.89	4.96	3.04	3.56	3.30	3.48
Up	ENSMUSG00000027313	1.50	1.46E-08	Chac1	protein_coding	4.45	4.79	4.17	4.34	6.08	5.58	5.80	5.56
Down	ENSMUSG00000043541	-2.59	1.49E-08	Casc1	protein_coding	5.15	4.64	4.97	5.31	2.78	2.78	3.59	3.48
Down	ENSMUSG00000031620	-5.01	1.51E-08	Iqcm	protein_coding	4.07	4.09	3.23	4.31	2.00	2.34	2.00	2.12
Down	ENSMUSG00000020548	-2.92	1.56E-08	1700086D15Rik	protein_coding	3.31	3.92	3.80	4.19	2.00	2.34	2.00	3.06
Down	ENSMUSG000000093910	-1.45	1.59E-08	Zfp853	protein_coding	5.85	5.92	6.06	6.18	4.36	4.44	4.43	5.35
Down	ENSMUSG000000221198	-1.44	1.61E-08	Famr1	protein_coding	5.69	5.47	5.11	5.83	4.16	4.47	4.69	4.11
Down	ENSMUSG000000520566	-1.76	1.66E-08	Zfp217	protein_coding	5.45	5.23	5.82	5.11	5.49	4.16	4.16	3.99
Down	ENSMUSG00000036918	-1.27	1.67E-08	Tct7	protein_coding	5.47	5.60	5.85	6.11	4.70	4.19	4.54	5.05
Up	ENSMUSG00000002731	1.21	1.68E-08	Pkrra	protein_coding	5.76	5.71	6.23	6.08	7.07	7.23	7.27	6.89
Down	ENSMUSG00000027107	-2.55	1.68E-08	Chma1	protein_coding	4.51	4.13	4.70	5.04	2.47	3.28	2.54	3.17
Down	ENSMUSG00000044026	-2.09	1.76E-08	Slc35g1	protein_coding	4.84	4.69	4.52	4.58	2.90	3.38	3.35	2.99
Up	ENSMUSG00000045532	1.06	1.77E-08	C1ql1	protein_coding	5.78	6.10	5.81	5.98	7.21	6.91	6.66	6.90
Up	ENSMUSG00000005980	1.01	1.83E-08	Dnase1	protein_coding	5.86	5.55	5.48	5.54	6.47	6.89	6.43	6.41
Down	ENSMUSG00000053113	-2.23	1.85E-08	Socs3	protein_coding	4.48	4.47	4.20	4.34	2.97	2.53	3.07	3.06
Down	ENSMUSG00000017724	-1.62	1.89E-08	Etv4	protein_coding	5.19	5.19	5.73	5.19	3.50	3.80	4.00	4.48
Up	ENSMUSG00000092035	1.15	1.90E-08	Peg10	protein_coding	7.56	7.92	7.09	7.52	8.47	8.93	8.03	9.09
Down	ENSMUSG00000032586	-1.49	1.90E-08	Traip	protein_coding	5.70	5.96	6.13	5.60	4.06	5.16	4.10	4.55
Down	ENSMUSG00000050296	-2.54	1.93E-08	Abca12	protein_coding	5.78	5.55	4.93	5.78	3.74	3.52	3.79	3.57
Down	ENSMUSG00000026414	-2.17	2.09E-08	Fmn1	protein_coding	5.38	5.59	5.76	5.40	3.06	4.13	3.92	3.92
Up	ENSMUSG00000031531	1.16	2.11E-08	Gpn2	protein_coding	4.72	5.19	4.62	5.40	6.82	6.60	6.44	6.44
Down	ENSMUSG00000048602	-1.36	2.16E-08	Morc2b	protein_coding	5.57	5.60	5.55	5.69	4.76	3.98	4.10	4.68
Down	ENSMUSG000000110104	-3.03	2.18E-08	Gm45717	protein_coding	4.11	4.27	4.13	4.02	2.97	2.70	2.00	2.70
Down	ENSMUSG00000023918	-2.46	2.18E-08	Adgrf4	protein_coding	4.22	4.58	4.24	4.60	2.25	3.38	2.79	2.70
Down	ENSMUSG00000095115	-2.61	2.19E-08	ltpripl2	protein_coding	6.00	5.56	5.48	5.34	6.00	2.12	3.07	4.08
Up	ENSMUSG00000064179	2.15	2.20E-08	Tnnt1	protein_coding	5.58	4.44	4.30	4.12	6.65	6.47	7.07	6.56
Down	ENSMUSG00000005060	-2.05	2.27E-08	Gabra2	protein_coding	9.27	10.36	9.08	10.04	8.48	8.48	6.50	8.15
Down	ENSMUSG00000040253	-1.71	2.29E-08	Gbp7	protein_coding	5.23	5.17	5.13	4.91	3.92	3.84	3.07	3.95
Up	ENSMUSG00000036913	1.03	2.38E-08	Trim67	protein_coding	5.62	5.47	5.59	5.63	6.74	6.44	6.74	6.19
Down	ENSMUSG00000053997	-1.91	2.38E-08	Slc39a8	protein_coding	4.89	4.69	4.95	4.60	2.74	3.52	3.40	3.62
Down	ENSMUSG00000041380	-1.73	2.39E-08	Htr2c	protein_coding	7.93	7.50	7.66	8.34	6.13	6.05	5.14	6.97
Up	ENSMUSG00000036278	1.29	2.40E-08	Macrocl1	protein_coding	5.62	5.68	5.82	5.67	6.96	7.07	6.98	6.67
Down	ENSMUSG00000021281	-2.10	2.40E-08	Tnfrap2	protein_coding	4.80	5.02	5.15	5.05	3.11	3.65	3.50	3.29
Up	ENSMUSG00000023098	1.32	2.41E-08	Pcbp1	protein_coding	4.22	4.95	4.46	5.97	5.54	6.61	5.97	5.75
Down	ENSMUSG00000035004	-3.44	2.41E-08	Igsf6	protein_coding	3.95	3.92	3.36	3.90	2.74	2.00	2.00	2.54
Down	ENSMUSG00000004655	-4.65	2.47E-08	Aqp1	protein_coding	4.75	3.39	2.93	4.70	2.00	2.00	2.00	2.62
Down	ENSMUSG00000024292	-2.09	2.47E-08	Cyp4f14	protein_coding	5.24	4.86	5.48	4.91	4.06	3.56	2.71	3.39
Up	ENSMUSG00000037904	1.24	2.54E-08	Ankrd9	protein_coding	5.69	5.71	5.57	5.62	6.78	7.11	6.79	6.53
Down	ENSMUSG00000033488	-1.97	2.64E-08	Cryz12	protein_coding	5.17	4.64	5.11	4.89	3.69	2.98	3.00	3.92
Down	ENSMUSG00000026222	-2.29	2.70E-08	Sp100	protein_coding	4.82	4.61	4.85	5.11	3.23	2.70	2.79	3.78
Down	ENSMUSG00000026656	-2.78	2.75E-08	Fcgr2b	protein_coding	5.55	5.25	4.80	4.91	2.57	3.11	2.45	3.85
Down	ENSMUSG00000078234	-3.73	2.77E-08	Klhd37a	protein_coding	6.68	6.39	6.55	6.71	6.91	2.37	2.00	4.23
Down	ENSMUSG00000028487	-2.54	2.77E-08	Bnc2	protein_coding	4.98	5.25	4.82	4.80	2.00	3.52	2.45	3.74
Down	ENSMUSG00000094840	-3.24	2.80E-08	Muc3a	protein_coding	3.31	3.83	4.09	2.13	2.34	4.02	2.53	2.38
Down	ENSMUSG00000025574	-2.66	2.81E-08	Tk1	protein_coding	4.36	4.72	4.40	2.00	2.53	2.54	2.54	3.44
Down	ENSMUSG00000020905	-1.90	2.89E-08	Usp43	protein_coding	4.36	5.06	4.27	4.37	2.90	2.85	3.54	3.39
Down	ENSMUSG00000034786	-2.28	2.94E-08	Gpsm3	protein_coding	4.48	4.67	3.93	4.37	3.11	2.24	2.79	3.29
Down	ENSMUSG00000032419	-2.47	2.97E-08	Tbx18	protein_coding	4.36	4.50	4.43	4.68	2.66	2.92	2.45	3.29
Down	ENSMUSG00000029084	-2.83	3.21E-08	Cd38	protein_coding	5.79	5.36	5.79	5.58	2.34	2.34	2.35	4.08
Up	ENSMUSG00000025384	1.00	3.24E-08	Faap100	protein_coding	6.09	5.95	5.69	5.77	7.09	6.84	6.69	6.69
Down	ENSMUSG00000059136	-1.91	3.30E-08	Olfir539	protein_coding	5.21	4.97	4.95	5.16	3.04	3.43	3.83	3.85
Down	ENSMUSG00000055228	-1.16	3.30E-08	Zfp935	protein_coding	6.52	6.59	6.22	6.02	5.40	5.32	4.97	5.41
Down	ENSMUSG00000047369	-1.21	3.32E-08	Dnah14	protein_coding	6.09	5.86	5.95	6.14	4.70	4.99	4.38	5.40
Down	ENSMUSG00000006369	-1.99	3.35E-08	Fbln1	protein_coding	5.82	6.48	5.46	6.02	3.45	3.56	4.99	4.43
Down	ENSMUSG00000038007	-2.10	3.36E-08	Acer2	protein_coding	5.41	5.17	5.52	5.34	3.81	3.52	2.45	4.31
Down	ENSMUSG00000037474	-1.97	3.48E-08	Dtl	protein_coding	5.42	5.49	5.24	5.89	3.64	4.32	3.50	3.92
Down	ENSMUSG00000069919	-3.27	3.68E-08	Hba-a1	protein_coding	5.19	5.12	5.17	5.16	3.35	2.76	2.62	3.38
Up	ENSMUSG00000035105	1.34	3.74E-08	Egln3	protein_coding	5.00	5.59	5.29	5.34	6.78	6.33	6.88	6.16
Down	ENSMUSG00000025083	-1.39	4.03E-08	Atfp112	protein_coding	5.48	5.70	5.78	5.94	4.90	4.44	3.59	4.79
Down	ENSMUSG00000026040	-2.18	4.20E-08	Adamts12	protein_coding	5.23	5.43	5.07	4.48	3.69	2.24	3.69	3.74
Down	ENSMUSG00000038760	-2.23	4.20E-08	Tfr1	protein_coding	6.01	6.07	6.07	6.50	8.82	6.07	4.87	4.31
Up	ENSMUSG00000028241	1.69	4.45E-08	Npcc	protein_coding	4.39	4.64	4.05	4.15	5.78	5.88	6.00	5.50
Down	ENSMUSG00000045655	-3.38	4.60E-08	Fam216b	protein_coding	4.67	4.72	3.93	4.60	2.00	3.11	2.24	2.54
Down	ENSMUSG00000022383	-2.55	4.69E-08	Ppara	protein_coding	5.54	5.44	5.24	5.24	2.00	3.24	3.24	3.74
Up	ENSMUSG00000022555	1.13	4.81E-08	Dgat1	protein_coding	5.23	5.97	5.59	5.40	6.31	7.11	6.48	6.48
Down	ENSMUSG00000037185	-3.86	4.81E-08	Krt80	protein_coding	4.11	4.41	4.37	3.90	2.00	2.00	2.00	2.99
Down	ENSMUSG00000025017	-1.62	4.81E-08	Pik3ap1	protein_coding	5.44	5.31	4.95	4.94	4.03	3.56	3.50	4.20
Down	ENSMUSG00000026383	-1.14	5.05E-08	Epb4115	protein_coding	6.34	6.50	6.48	6.79	5.22	5.91	5.05	5.55
Down	ENSMUSG00000033033	-1.14	5.14E-08	Calhm2	protein_coding	5.29	5.21	5.31	5.24	4.56	4.24	4.07	4.25
Down	ENSMUSG00000074272	-2.15	5.24E-08	Ceacam1	protein_coding	4.45	4.58	4.97	4.50	2.78	2.78	3.83	3.12
Up	ENSMUSG00000033579	1.00	5.25E-08	Fa2h	protein_coding	7.56	7.42	7.55	7.44	8.93	7.95	8.13	8.69
Down	ENSMUSG00000031207	-1.30	5.31E-08	Msn	protein_coding	6.52	6.59	6.42	6.88	5.74	4.87	5.46	5.80
Down	ENSMUSG00000048440	-3.75	5.44E-08	Msx1	protein_coding	5.99	5.06	5.78	6.47	2.66	2.24	2.35	4.05
Down	ENSMUSG00000008444	-2.92	5.49E-08	Psn1	protein_coding	5.58	6.13	5.78	5.93	3.85	3.17	2.00	4.05
Down	ENSMUSG00000027015	-2.68	5.74E-08										

Down	ENSMUSG00000030413	-3.64	6.19E-08	Pglyrp1	protein_coding	3.61	3.92	3.60	3.69	2.00	2.00	2.00	2.78
Down	ENSMUSG00000031883	-1.19	6.20E-08	Car7	protein_coding	6.19	6.28	6.69	5.81	5.12	5.11	5.44	5.00
Down	ENSMUSG00000040613	-2.44	6.23E-08	Apobec1	protein_coding	4.57	4.79	4.30	4.78	2.25	3.47	2.54	3.23
Up	ENSMUSG00000032776	1.30	6.44E-08	Mctp2	protein_coding	5.84	5.74	5.61	5.99	6.87	7.48	6.79	6.67
Down	ENSMUSG00000029134	-1.81	6.44E-08	Ptb1	protein_coding	5.78	5.17	5.32	5.70	4.10	4.22	3.40	4.10
Down	ENSMUSG00000007041	-2.34	6.64E-08	Clic1	protein_coding	4.84	4.79	5.15	5.19	3.92	2.12	2.71	3.62
Down	ENSMUSG00000020448	-2.85	6.98E-08	Vmn2b5	protein_coding	3.31	4.24	3.49	2.80	4.37	2.00	2.79	2.62
Down	ENSMUSG00000003271	-1.40	7.08E-08	Sult2b1	protein_coding	6.06	5.17	5.97	5.87	4.13	5.00	4.19	4.50
Down	ENSMUSG00000010592	-2.39	7.13E-08	Dazl	protein_coding	4.91	4.97	3.97	4.96	2.90	2.34	3.50	3.29
Down	ENSMUSG00000032334	-2.45	7.20E-08	Loxl1	protein_coding	4.91	5.12	4.80	4.85	3.11	3.73	2.00	3.23
Down	ENSMUSG00000105993	-6.56	7.29E-08	Tex13c2	protein_coding	4.36	3.92	4.75	4.48	2.00	2.00	2.00	2.24
Down	ENSMUSG00000043631	-2.72	7.55E-08	Ecm2	protein_coding	5.38	5.87	5.46	5.57	3.45	4.07	2.13	3.39
Down	ENSMUSG00000001123	-2.37	7.55E-08	Lgals9	protein_coding	4.65	4.50	5.45	4.31	3.29	2.70	2.93	3.39
Down	ENSMUSG00000019872	-1.24	7.63E-08	Smpd3a	protein_coding	6.32	6.13	6.30	6.54	5.22	5.74	4.52	4.98
Down	ENSMUSG00000017057	-1.73	7.76E-08	Il13ra1	protein_coding	5.08	4.89	5.26	5.44	3.40	3.77	3.71	4.14
Down	ENSMUSG00000009291	-1.51	7.99E-08	Pttg1ip	protein_coding	7.88	7.90	8.04	8.03	7.22	5.81	5.71	6.69
Up	ENSMUSG00000030790	2.37	8.10E-08	Adm	protein_coding	2.94	3.97	3.60	3.65	5.67	5.67	5.11	5.47
Up	ENSMUSG00000003644	1.02	8.11E-08	Rps8ka1	protein_coding	6.22	5.88	5.86	6.18	6.78	6.77	7.43	6.99
Up	ENSMUSG00000003271	2.53	8.19E-08	Nnmt	protein_coding	2.94	2.95	2.74	3.15	4.62	4.76	4.45	4.68
Down	ENSMUSG00000027356	-1.77	8.47E-08	Ferrm1	protein_coding	5.24	5.38	4.95	4.58	3.50	4.13	3.54	3.34
Down	ENSMUSG00000026890	-1.46	8.79E-08	Stom	protein_coding	5.12	5.38	5.46	5.37	3.69	4.10	3.97	4.53
Down	ENSMUSG00000031490	-2.52	8.88E-08	Eif4ebp1	protein_coding	4.65	4.44	4.54	4.28	2.47	2.00	3.50	2.99
Down	ENSMUSG00000075602	-2.55	8.89E-08	Ly6a	protein_coding	4.57	4.47	4.01	3.82	2.82	2.98	2.63	2.34
Down	ENSMUSG00000027160	-1.14	8.90E-08	Ccdc34	protein_coding	7.44	7.42	7.45	7.44	6.57	5.56	6.02	6.85
Up	ENSMUSG00000006411	1.30	8.93E-08	Nectin4	protein_coding	5.23	4.95	4.95	5.33	5.97	6.75	6.33	6.14
Down	ENSMUSG00000018752	-1.47	9.04E-08	Tnfrsf13	protein_coding	5.91	5.58	5.67	5.98	3.89	4.76	4.45	4.72
Down	ENSMUSG00000045930	-2.27	9.65E-08	Clec14a	protein_coding	4.98	4.44	4.73	4.50	2.74	3.11	2.79	3.53
Down	ENSMUSG00000015053	-3.07	9.70E-08	Gata2	protein_coding	4.36	4.17	4.24	4.09	2.25	2.34	2.00	3.17
Down	ENSMUSG00000029625	-1.04	1.02E-07	Cpsf4	protein_coding	6.33	5.99	6.45	6.22	4.86	5.23	5.53	5.48
Up	ENSMUSG00000024053	1.47	1.03E-07	Emilin2	protein_coding	5.45	5.06	4.89	4.98	6.79	6.74	5.96	6.22
Down	ENSMUSG00000029254	-2.23	1.05E-07	Stap1	protein_coding	4.54	4.58	4.30	4.50	2.57	2.78	3.40	3.06
Down	ENSMUSG00000032092	-3.16	1.06E-07	Mpx2	protein_coding	3.72	4.31	4.73	3.98	2.66	2.00	2.54	2.70
Down	ENSMUSG00000033952	-2.16	1.07E-07	Aspm	protein_coding	4.54	4.54	4.75	5.17	2.74	5.15	4.25	4.11
Down	ENSMUSG00000033192	-1.61	1.07E-07	Lipca2	protein_coding	5.47	5.66	5.61	5.31	4.66	4.04	3.35	3.17
Down	ENSMUSG00000031972	-1.45	1.08E-07	Acta1	protein_coding	5.48	5.87	6.07	5.97	3.60	4.24	5.14	4.87
Down	ENSMUSG00000028019	-1.27	1.09E-07	Pdgfc	protein_coding	5.95	6.31	6.08	5.96	5.20	4.64	4.27	5.36
Down	ENSMUSG00000026321	-1.09	1.11E-07	Tnfrsf11a	protein_coding	5.48	5.36	5.34	5.30	4.72	4.35	4.30	4.31
Down	ENSMUSG00000074364	-1.89	1.16E-07	Ehd2	protein_coding	4.39	4.64	4.75	4.67	2.77	3.77	3.59	2.70
Down	ENSMUSG00000034258	-2.19	1.22E-07	Filvr2	protein_coding	4.07	4.37	4.24	4.39	2.47	2.53	2.86	3.44
Down	ENSMUSG00000047832	-1.11	1.22E-07	Cdca4	protein_coding	5.04	5.40	5.40	5.34	4.22	4.32	4.57	4.28
Down	ENSMUSG00000067081	-1.53	1.24E-07	Asb18	protein_coding	4.87	5.38	5.63	5.42	3.77	4.30	3.75	4.33
Up	ENSMUSG00000027371	1.03	1.28E-07	Fahd2a	protein_coding	5.74	5.80	5.45	5.57	6.76	6.60	6.51	6.58
Down	ENSMUSG00000073988	-3.24	1.31E-07	Ttpa	protein_coding	5.02	5.23	5.17	5.30	2.00	3.28	2.00	3.57
Down	ENSMUSG00000030499	-1.26	1.31E-07	Kctd15	protein_coding	6.24	5.93	6.15	6.14	4.63	4.78	5.26	5.14
Up	ENSMUSG00000045036	-2.38	1.39E-07	Tmem232	protein_coding	4.47	5.14	5.04	5.09	4.02	2.62	3.53	3.52
Down	ENSMUSG00000026475	1.53	1.47E-07	Rgs16	protein_coding	5.45	5.21	5.35	5.22	7.22	6.47	6.82	6.32
Down	ENSMUSG00000006430	-2.38	1.47E-07	Pde6h	protein_coding	4.51	5.53	4.85	5.57	3.65	3.45	3.45	3.45
Down	ENSMUSG00000020695	-1.68	1.50E-07	Mrc2	protein_coding	5.10	4.91	5.15	5.16	3.73	3.65	3.13	4.23
Down	ENSMUSG00000068154	-1.57	1.51E-07	Insm1	protein_coding	5.61	5.66	5.93	5.65	4.22	4.01	3.79	5.03
Down	ENSMUSG00000005087	-1.57	1.58E-07	Cd44	protein_coding	5.80	6.56	5.46	6.08	4.49	4.47	4.30	5.10
Down	ENSMUSG00000041135	-1.33	1.58E-07	Ripk2	protein_coding	5.98	6.33	6.33	5.61	5.62	4.16	5.36	4.48
Down	ENSMUSG00000042672	-1.09	1.61E-07	Dcst1	protein_coding	6.18	6.36	6.10	6.16	5.30	4.85	4.99	5.56
Down	ENSMUSG00000031871	-2.03	1.73E-07	Cdh5	protein_coding	4.57	5.55	4.95	5.22	3.35	3.22	3.30	4.05
Down	ENSMUSG00000069892	-2.37	1.81E-07	9930111J21Rik2	protein_coding	4.87	4.41	4.43	4.31	3.11	2.62	2.35	3.44
Down	ENSMUSG00000001034	-1.16	1.85E-07	Mapk7	protein_coding	6.65	6.73	6.83	6.65	6.87	5.41	5.67	6.87
Up	ENSMUSG00000037846	1.06	1.88E-07	Rtkn2	protein_coding	5.23	5.00	4.89	5.44	6.34	5.71	6.31	6.09
Down	ENSMUSG00000014791	-1.19	1.88E-07	Elmo3	protein_coding	5.31	4.74	4.74	4.49	3.94	4.16	3.90	3.74
Down	ENSMUSG00000006014	-1.40	1.89E-07	Prg4	protein_coding	5.34	5.91	5.02	5.35	4.47	4.44	3.79	4.17
Down	ENSMUSG00000014813	-2.23	1.91E-07	Stc1	protein_coding	5.06	5.59	5.50	5.69	4.24	4.24	2.63	3.78
Down	ENSMUSG00000036588	-2.03	1.91E-07	Calcr1	protein_coding	6.36	5.82	6.11	6.14	5.47	2.78	5.00	4.28
Down	ENSMUSG00000038292	-2.54	1.92E-07	Ccdc155	protein_coding	3.31	4.09	4.52	3.69	2.67	2.62	2.71	2.62
Down	ENSMUSG00000020059	-1.45	1.97E-07	Sycp3	protein_coding	5.36	5.90	5.24	5.81	3.85	4.54	4.40	4.48
Down	ENSMUSG00000027355	-2.42	2.01E-07	Tmco5	protein_coding	4.54	4.74	4.82	4.50	3.45	2.34	3.00	2.99
Down	ENSMUSG00000019982	-2.07	2.01E-07	Myb	protein_coding	5.36	4.89	4.43	5.27	2.74	3.38	3.35	3.99
Down	ENSMUSG00000030370	-1.59	2.02E-07	Efna2	protein_coding	6.11	6.12	6.40	6.22	4.44	5.32	3.79	5.10
Down	ENSMUSG00000074863	-1.35	2.02E-07	Platr25	protein_coding	5.74	6.33	6.09	6.13	4.06	5.20	4.71	5.18
Down	ENSMUSG00000060477	-1.17	2.06E-07	Irak2	protein_coding	5.73	6.02	6.14	6.21	5.33	4.92	4.13	5.24
Down	ENSMUSG00000022997	-6.17	2.07E-07	Wnt1	protein_coding	3.44	3.39	2.00	3.49	2.00	2.12	2.00	2.00
Up	ENSMUSG00000024190	1.07	2.09E-07	Dusp1	protein_coding	6.12	6.71	6.04	6.62	7.07	7.81	7.69	7.02
Down	ENSMUSG00000079436	-3.66	2.09E-07	Kcnj13	protein_coding	5.12	4.24	2.93	5.42	2.74	2.12	2.00	2.99
Down	ENSMUSG00000050534	-3.04	2.09E-07	Htr5b	protein_coding	4.54	4.09	4.79	4.65	3.04	2.44	2.70	2.62
Down	ENSMUSG00000028587	-1.98	2.09E-07	Orc1	protein_coding	4.15	4.64	4.78	4.85	2.47	2.78	3.45	3.66
Down	ENSMUSG00000035153	-2.44	2.10E-07	Speg16	protein_coding	5.26	5.33	5.40	5.46	3.17	3.17	3.63	3.78
Down	ENSMUSG00000047854	-2.51	2.10E-07	Six1	protein_coding	3.02	3.92	3.92	3.45	2.66	2.12	2.00	2.12
Down	ENSMUSG00000021806	-1.69	2.16E-07	Nid2	protein_coding	4.70	4.67	5.19	4.87	3.81	3.05	3.07	4.05
Up	ENSMUSG00000018166	1.18	2.23E-07	Erb3	protein_coding	6.46	6.10	6.46	6.29	7.99	6.67	7.53	7.42
Down	ENSMUSG00000016028	-1.36	2.23E-07	Celsr1	protein_coding	5.98	5.92	5.77	6.33	4.70	5.31	3.79	4.71
Down	ENSMUSG00000075014	-3.27	2.24E-07	Gm10800	protein_coding	15.91	16.39	16.10	16.71	12.44	13.31	11.99	13.77
Up	ENSMUSG00000053603	1.19	2.25E-07	4930442H23Rik	protein_coding	5.08	4.89	5.27	5.14	6.23	6.34	6.27	5.93
Down	ENSMUSG00000022947	-1.77	2.25E-07	Cbr3	protein_coding	5.08	5.56	4.78	4.94	4.06	2.92	4.07	3.48
Down	ENSMUSG00000040841	-4.44	2.27E-07	Six5	protein_coding	3.56	3.97	4.00	4.19	2.00	2.13	2.54	3.48
Down	ENSMUSG00000091382	-3.04	2.29E-07	Vmn1r18	protein_coding	4.57	4.86	4.80	4.96	2.37	2.53	3.00	3.12
Down	ENSMUSG00000029915	-3.71	2.31E-07	Clec5a	protein_coding	4.75	5.36	4.95	5.23	2.00	2.00	2.00	2.00
Down	ENSMUSG00000043635	-1.09	2.33E-07	Adams3	protein_coding	6.92	6.85	7.09	6.87	6.25	4.85	6.37	5.64
Down	ENSMUSG00000040163	-4.09	2.41E-07	1700034J05Rik	protein_coding	3.67	3.83	3.60	3.60	2.37	2.00	2.13	2.08
Down	ENSMUSG00000005364	-3.11	2.44E-07	Il6ra	protein_coding	4.03	3.68	3.23	3.94	2.25	2.12	2.24	2.70
Down	ENSMUSG00000004626	-1.10	2.45E-07	Six2	protein_coding	5.94	5.77	6.02	5.90	4.56	5.16	4.67	5.47
Down	ENSMUSG00000046731	-2.79	2.4										

Down	ENSMUSG00000032403	-1.06	2.60E-07	2300009A05Rik	protein_coding	5.95	5.67	6.06	6.04	5.12	4.97	5.24	4.43
Down	ENSMUSG00000025723	-2.53	2.66E-07	Nmb	protein_coding	3.44	3.88	3.75	4.09	2.37	2.85	2.00	2.70
Down	ENSMUSG00000031803	-6.50	2.68E-07	B3gnt3	protein_coding	4.22	3.57	4.17	2.94	2.00	2.00	2.00	2.12
Down	ENSMUSG00000003907	-1.53	2.74E-07	Cpq	protein_coding	5.06	5.02	4.89	5.62	3.81	3.84	4.10	3.92
Down	ENSMUSG000000042195	-2.68	2.81E-07	Slc35f2	protein_coding	4.84	4.24	4.54	4.63	2.90	2.78	2.00	3.34
Up	ENSMUSG000000024228	1.22	2.83E-07	Nudt12	protein_coding	5.21	4.93	5.26	5.65	6.55	6.40	6.43	6.29
Down	ENSMUSG000000025491	-3.75	2.89E-07	Ifitm1	protein_coding	3.95	4.27	3.75	3.94	2.13	2.13	2.54	2.54
Down	ENSMUSG000000028133	-1.05	3.01E-07	Raxtd3	protein_coding	5.92	6.20	6.30	6.12	4.84	5.05	5.19	5.52
Up	ENSMUSG000000056394	1.01	3.03E-07	Lig1	protein_coding	5.95	5.84	5.83	6.38	7.05	6.99	7.06	6.83
Down	ENSMUSG000000078640	-4.92	3.20E-07	Gm11627	protein_coding	3.61	4.01	4.13	3.86	2.13	2.00	2.00	2.34
Down	ENSMUSG000000038583	-1.99	3.39E-07	Pln	protein_coding	4.07	4.31	3.49	4.25	2.82	3.05	2.13	3.17
Down	ENSMUSG000000015468	-1.42	3.42E-07	Notch4	protein_coding	4.84	5.23	5.53	5.40	4.00	4.37	3.59	4.25
Down	ENSMUSG000000029086	-1.57	3.43E-07	Prom1	protein_coding	5.57	5.92	5.42	5.58	4.94	3.52	3.79	4.43
Up	ENSMUSG000000057967	1.65	3.59E-07	Fgf18	protein_coding	4.45	4.24	4.40	4.96	6.44	6.12	5.19	6.05
Down	ENSMUSG000000053617	-1.02	3.72E-07	Sh3pxd2a	protein_coding	7.38	7.34	7.16	7.01	5.46	6.72	6.12	6.41
Up	ENSMUSG000000033585	1.33	3.78E-07	Ndn	protein_coding	9.38	9.45	9.37	9.57	10.65	10.92	10.73	10.76
Down	ENSMUSG000000049160	-2.97	3.83E-07	Tex50	protein_coding	3.95	3.46	3.75	3.39	2.00	2.70	2.00	2.54
Down	ENSMUSG000000095280	-3.21	3.85E-07	Gm21738	protein_coding	12.73	13.21	12.90	13.52	2.00	10.18	8.86	10.69
Down	ENSMUSG000000018899	-2.09	3.94E-07	Ifi1	protein_coding	5.36	5.36	5.31	5.16	3.35	2.78	4.00	4.02
Up	ENSMUSG000000086438	1.33	4.05E-07	Plekhf1	protein_coding	5.45	4.84	5.24	6.41	6.60	5.81	6.50	6.50
Up	ENSMUSG000000079694	1.39	4.07E-07	Gm14862	protein_coding	3.38	3.03	4.17	3.50	5.22	5.39	5.58	5.58
Down	ENSMUSG00000000167	-2.46	4.09E-07	Plh1d2	protein_coding	4.65	5.00	4.46	4.48	3.45	3.22	2.35	2.62
Down	ENSMUSG000000031255	-3.39	4.20E-07	Sytl4	protein_coding	4.67	4.27	4.78	4.96	2.13	2.44	3.00	2.70
Down	ENSMUSG000000045275	-1.64	4.23E-07	Lca5l	protein_coding	4.89	5.19	5.60	4.91	3.11	3.28	4.40	4.14
Up	ENSMUSG000000034161	1.89	4.26E-07	Scx	protein_coding	3.02	3.63	3.36	3.98	4.54	4.66	5.36	5.32
Down	ENSMUSG000000033486	-1.40	4.41E-07	Catsper2	protein_coding	4.98	4.64	4.57	4.89	3.60	3.38	3.94	3.78
Down	ENSMUSG000000032942	-2.86	4.44E-07	Ucp3	protein_coding	4.18	4.44	4.46	4.67	2.62	2.79	2.92	2.92
Down	ENSMUSG000000030074	-1.50	4.45E-07	Gxyl2	protein_coding	5.58	5.06	5.48	5.42	4.78	4.13	3.59	3.70
Down	ENSMUSG000000032596	-2.60	4.46E-07	Uba7	protein_coding	4.29	4.05	4.65	4.25	2.37	2.53	3.13	2.78
Up	ENSMUSG000000028680	1.04	4.63E-07	Plk3	protein_coding	5.55	6.15	5.85	5.46	6.56	7.17	6.59	6.64
Down	ENSMUSG000000008307	-1.30	4.64E-07	1700109H08Rik	protein_coding	4.67	5.02	4.93	5.52	4.24	4.17	3.45	4.28
Down	ENSMUSG000000034871	-1.39	4.66E-07	Fam151a	protein_coding	6.26	6.57	5.99	5.82	4.99	5.44	4.63	4.41
Down	ENSMUSG000000040258	-3.05	4.70E-07	Nxph4	protein_coding	4.75	4.47	4.43	4.37	2.00	2.62	2.00	2.62
Down	ENSMUSG000000040166	-1.32	4.59E-07	Nmem1	protein_coding	5.66	5.46	5.65	5.52	4.39	4.30	3.97	4.83
Down	ENSMUSG000000006705	-1.02	4.95E-07	Pknox1	protein_coding	6.76	7.03	6.56	6.60	5.40	6.04	5.31	6.17
Up	ENSMUSG000000040472	1.05	4.96E-07	Rabgga1	protein_coding	6.44	6.61	6.57	6.21	7.73	7.19	7.84	7.01
Down	ENSMUSG000000042225	-2.08	5.02E-07	Ammecr1	protein_coding	4.54	4.84	5.24	5.42	3.04	3.43	2.13	4.33
Down	ENSMUSG000000031953	-1.58	5.14E-07	Tmem170	protein_coding	5.51	5.26	5.63	5.63	3.64	3.80	4.19	4.79
Down	ENSMUSG000000021615	-1.31	5.15E-07	Xrcc4	protein_coding	6.43	6.45	6.26	6.44	5.68	5.14	4.92	4.83
Down	ENSMUSG000000033147	-1.24	5.24E-07	Slc22a15	protein_coding	6.33	6.42	6.78	6.20	4.66	5.11	5.07	5.98
Down	ENSMUSG000000038932	-4.11	5.34E-07	Tcf8	protein_coding	3.61	3.63	3.54	3.50	2.00	2.00	2.13	2.44
Down	ENSMUSG000000013766	-3.00	5.34E-07	Ly6g6e	protein_coding	4.51	4.47	4.55	4.74	2.00	3.43	2.00	2.44
Down	ENSMUSG000000043008	-2.71	5.55E-07	Klhl6	protein_coding	3.56	4.31	3.93	4.60	2.74	2.62	2.35	2.70
Down	ENSMUSG000000037010	-1.70	5.55E-07	Apln	protein_coding	6.59	6.79	6.88	6.68	5.47	3.98	5.08	5.59
Down	ENSMUSG000000031586	-1.75	5.69E-07	Rbpms	protein_coding	4.95	4.47	5.02	4.76	3.73	3.87	3.53	3.53
Down	ENSMUSG000000043687	-1.49	5.82E-07	1190005I06Rik	protein_coding	5.88	5.43	5.26	5.52	3.73	3.84	4.61	4.61
Down	ENSMUSG000000078496	-3.69	5.90E-07	Zfp982	protein_coding	2.94	3.52	3.54	4.76	2.00	2.54	2.00	2.54
Up	ENSMUSG000000031813	1.15	5.91E-07	Mvb12a	protein_coding	5.21	5.88	6.03	5.76	6.68	6.24	7.36	6.85
Down	ENSMUSG000000062563	-1.13	5.91E-07	Cys1	protein_coding	6.34	6.19	6.23	6.38	5.77	4.80	4.81	5.37
Down	ENSMUSG000000026726	-1.55	6.01E-07	Cubn	protein_coding	5.50	5.63	5.88	5.79	3.89	4.68	3.67	4.83
Down	ENSMUSG000000043753	-6.45	6.04E-07	Dmrt1	protein_coding	3.61	3.78	3.65	4.02	2.13	2.00	2.00	2.00
Down	ENSMUSG000000021998	-1.38	6.09E-07	Lcp1	protein_coding	5.82	6.08	5.65	5.64	4.74	4.13	4.57	4.81
Down	ENSMUSG000000063275	-1.56	6.21E-07	Hacd1	protein_coding	6.07	5.83	5.85	6.05	3.35	4.80	4.87	4.77
Down	ENSMUSG000000028989	-2.11	6.39E-07	Angptl7	protein_coding	3.31	4.09	4.13	4.09	2.47	3.28	2.79	2.12
Down	ENSMUSG000000100846	-1.61	6.56E-07	Gm28845	protein_coding	4.54	5.40	5.31	5.24	3.98	3.50	3.20	3.50
Down	ENSMUSG000000008999	-1.74	6.69E-07	Bmp7	protein_coding	5.65	5.87	5.56	6.37	5.04	4.07	3.50	4.46
Down	ENSMUSG000000051590	-1.43	6.75E-07	Map3k19	protein_coding	6.17	5.97	5.69	5.76	5.11	3.75	4.66	4.66
Down	ENSMUSG000000070034	-1.99	6.89E-07	Sp110	protein_coding	4.26	5.02	5.31	3.64	3.11	3.50	3.44	3.44
Down	ENSMUSG000000036923	-1.83	7.25E-07	Stox1	protein_coding	4.98	5.30	4.54	4.94	3.64	3.33	3.83	3.78
Down	ENSMUSG000000052133	-1.55	7.39E-07	Sema5b	protein_coding	6.40	5.88	6.23	5.89	5.38	3.17	4.77	4.79
Down	ENSMUSG000000049811	-1.22	7.41E-07	Fam151a	protein_coding	5.91	5.50	5.35	5.92	4.36	4.56	5.02	4.43
Down	ENSMUSG000000001134	-1.35	7.43E-07	Uxt	protein_coding	6.80	6.33	6.75	6.21	4.10	5.83	5.29	5.29
Down	ENSMUSG000000041679	-1.88	7.46E-07	Lrrc29	protein_coding	4.22	3.63	4.70	4.09	2.82	2.62	2.93	3.44
Down	ENSMUSG000000036111	-2.30	7.69E-07	Lmo1	protein_coding	7.08	7.10	7.11	7.14	5.14	5.28	2.71	5.47
Down	ENSMUSG000000029070	-2.34	7.72E-07	Mxra8	protein_coding	5.12	4.44	5.40	4.85	3.17	2.98	2.79	3.81
Down	ENSMUSG000000034028	-2.73	7.96E-07	Cd226	protein_coding	3.77	4.09	4.37	4.19	2.66	2.92	2.00	2.62
Down	ENSMUSG000000042473	-1.04	8.08E-07	Tbc1d8b	protein_coding	6.53	6.67	6.48	6.58	5.94	5.81	5.19	5.28
Down	ENSMUSG000000023224	-2.03	8.25E-07	Serpinc1	protein_coding	4.89	4.74	4.63	5.16	3.61	3.19	2.44	2.44
Down	ENSMUSG000000035778	-2.35	8.27E-07	Ggta1	protein_coding	4.80	4.95	5.05	4.94	2.00	3.91	3.35	2.92
Down	ENSMUSG000000082932	-5.11	8.38E-07	Cyp2j8	protein_coding	3.50	4.20	4.46	3.86	2.24	2.00	2.24	2.00
Down	ENSMUSG000000040364	-2.66	8.45E-07	Sec1	protein_coding	4.36	4.31	4.09	4.09	3.11	2.00	2.63	2.85
Down	ENSMUSG000000010142	-2.93	8.47E-07	Tnfrsf13b	protein_coding	4.67	4.13	4.09	4.15	2.90	2.62	2.00	2.70
Down	ENSMUSG000000023558	-2.31	8.54E-07	Cdk2	protein_coding	4.54	4.47	4.13	4.31	2.62	2.62	3.00	3.23
Down	ENSMUSG000000027554	-1.25	8.79E-07	Slc8b1	protein_coding	4.62	4.77	4.67	4.67	3.97	3.97	3.19	3.57
Down	ENSMUSG0000000070871	-1.06	8.85E-07	Ccny1	protein_coding	5.94	6.63	6.55	6.62	4.80	5.90	5.29	5.65
Down	ENSMUSG000000037406	-2.15	9.24E-07	Htra4	protein_coding	4.07	4.97	5.22	4.85	3.50	2.70	3.54	3.12
Down	ENSMUSG000000004837	-3.76	9.31E-07	Grap	protein_coding	2.85	3.97	4.34	4.15	2.47	2.00	2.45	2.12
Down	ENSMUSG000000091183	-1.29	9.40E-07	Gm5141	protein_coding	5.04	5.70	5.37	5.55	4.56	4.64	3.45	4.36
Down	ENSMUSG000000024037	-2.09	9.52E-07	Wdr4	protein_coding	4.51	4.64	4.70	4.94	2.25	2.44	3.83	3.62
Down	ENSMUSG000000032649	-1.18	9.55E-07	Colgalt2	protein_coding	5.15	5.25	5.37	5.31	4.47	4.01	4.19	4.38
Down	ENSMUSG000000036169	-2.25	9.67E-07	Sostdc1	protein_coding	5.65	4.13	4.24	5.94	3.61	3.50	2.93	3.66
Down	ENSMUSG000000027967	-5.93	9.68E-07	Neurog2	protein_coding	3.02	3.19	3.93	3.39	2.00	2.12	2.00	2.00
Down	ENSMUSG000000022288	-3.06	9.83E-07	4930447A16Rik	protein_coding	3.10	3.39	3.80	2.00	2.24	2.34	2.35	2.44
Up	ENSMUSG000000009731	1.01	1.04E-06	Kcnd1	protein_coding	5.82	6.01	5.86	6.02	7.12	7.03	6.73	6.62
Down	ENSMUSG000000030562	-4.76	1.04E-06	Nox4	protein_coding	4.62	4.20	4.52	4.87	2.25	2.00	2.00	2.62
Down	ENSMUSG000000039005	-3.44	1.06E-06	Tlr4	protein_coding	4.54	4.13	5.00	4.89	2.25	2.90	2.00	2.92
Down	ENSMUSG000000049156	-2.52	1.07E-06	Gm14589	protein_c								

Down	ENSMUSG00000015533	-2.51	1.17E-06	Itga2	protein_coding	4.45	4.69	4.46	4.91	3.29	2.44	2.13	3.48
Down	ENSMUSG00000048779	-3.25	1.20E-06	P2ry6	protein_coding	4.95	4.84	4.30	3.98	2.00	2.98	2.35	2.85
Down	ENSMUSG00000104301	-2.35	1.22E-06	Wdr49	protein_coding	5.76	5.59	5.24	5.49	3.35	4.24	3.20	3.23
Down	ENSMUSG00000042626	-1.43	1.22E-06	Shc1	protein_coding	5.47	6.00	6.21	5.92	4.68	3.52	5.22	4.72
Down	ENSMUSG00000075015	-3.51	1.25E-06	Gm10801	protein_coding	12.89	13.30	13.05	13.58	9.10	9.99	8.81	10.44
Up	ENSMUSG00000022571	1.03	1.28E-06	Pycr1	protein_coding	5.65	5.66	5.53	5.70	6.91	6.80	6.04	6.50
Down	ENSMUSG00000078137	-1.87	1.28E-06	Ankrd63	protein_coding	7.05	7.16	6.74	7.18	4.03	6.03	4.35	5.75
Down	ENSMUSG00000021848	-3.12	1.32E-06	Otx2	protein_coding	5.92	4.58	3.60	6.09	3.81	2.00	2.79	3.06
Down	ENSMUSG00000035429	-2.37	1.32E-06	Ptprh	protein_coding	3.61	4.31	4.40	4.28	2.57	2.92	2.71	2.78
Down	ENSMUSG00000070371	-1.32	1.33E-06	Prss36	protein_coding	4.91	5.02	5.70	5.16	3.55	4.32	4.16	4.33
Down	ENSMUSG00000050666	-1.62	1.38E-06	Vstm4	protein_coding	4.54	5.25	4.85	4.67	3.73	3.98	3.07	3.44
Down	ENSMUSG00000035397	-1.27	1.38E-06	Klf16	protein_coding	7.64	7.61	7.80	7.69	5.38	5.98	7.06	6.81
Down	ENSMUSG00000059412	-1.54	1.41E-06	Fxyd2	protein_coding	4.51	5.10	5.45	5.04	3.64	3.98	3.13	4.28
Down	ENSMUSG00000022978	-1.41	1.41E-06	Mis18a	protein_coding	5.44	5.63	5.87	5.48	4.63	4.30	4.19	4.41
Down	ENSMUSG00000061119	-1.01	1.42E-06	Prpc	protein_coding	5.70	5.64	5.65	5.77	4.94	4.58	4.43	5.14
Down	ENSMUSG00000031445	-1.02	1.43E-06	Proz	protein_coding	6.09	6.42	5.97	5.96	4.90	5.44	5.10	5.25
Down	ENSMUSG00000046470	-2.28	1.47E-06	Sox18	protein_coding	4.26	3.97	3.93	4.12	2.25	3.17	2.71	2.62
Down	ENSMUSG00000090122	-2.63	1.50E-06	Kcne11	protein_coding	4.07	4.44	4.17	4.22	2.24	2.24	2.93	2.78
Up	ENSMUSG00000041842	1.25	1.53E-06	Fhdcl1	protein_coding	5.73	5.17	5.40	5.59	6.45	6.18	7.19	6.63
Down	ENSMUSG00000047161	-1.85	1.54E-06	Chs9	protein_coding	5.17	4.84	5.45	5.09	3.64	4.19	3.19	3.48
Down	ENSMUSG00000032492	-1.51	1.54E-06	Ptfr1	protein_coding	5.02	4.93	5.57	5.38	3.96	3.98	3.79	4.23
Down	ENSMUSG00000046688	-1.22	1.55E-06	Tifa	protein_coding	5.42	5.12	5.43	5.65	4.10	4.60	4.54	4.17
Down	ENSMUSG00000031486	-1.07	1.55E-06	Adgra2	protein_coding	6.06	6.11	6.28	6.21	4.78	5.72	4.88	5.11
Up	ENSMUSG00000030089	1.63	1.58E-06	Sic41a3	protein_coding	4.03	3.78	4.57	3.82	5.71	4.97	5.30	5.76
Down	ENSMUSG00000032415	-1.56	1.59E-06	Ube2cbp	protein_coding	5.70	5.10	4.82	5.19	3.64	4.27	3.59	4.17
Down	ENSMUSG00000028553	-2.53	1.60E-06	Angptl3	protein_coding	3.99	4.17	3.65	4.19	2.66	2.00	2.00	3.34
Up	ENSMUSG00000031603	1.30	1.61E-06	Fgf20	protein_coding	5.92	5.76	5.57	5.72	6.98	7.14	7.12	7.12
Down	ENSMUSG00000020633	-3.47	1.64E-06	Dcdc2c	protein_coding	4.18	3.57	3.89	3.94	2.00	2.44	2.00	2.00
Down	ENSMUSG00000029802	-1.21	1.66E-06	Abcg2	protein_coding	5.82	6.21	6.26	5.82	4.56	5.10	5.05	5.70
Down	ENSMUSG00000095186	-3.36	1.67E-06	Gm10718	protein_coding	10.58	11.05	10.76	11.29	6.77	7.89	6.86	8.34
Down	ENSMUSG00000044162	-2.75	1.74E-06	Tnip3	protein_coding	3.91	4.44	4.34	5.04	2.70	5.04	2.70	2.63
Down	ENSMUSG00000019850	-1.30	1.76E-06	Tnfrap3	protein_coding	5.44	5.78	5.68	5.82	5.19	3.84	4.59	4.23
Down	ENSMUSG00000022666	-1.75	1.79E-06	Bax2	protein_coding	5.08	4.89	4.89	5.14	4.00	2.62	3.02	3.62
Down	ENSMUSG00000053004	-1.43	1.80E-06	Hrh1	protein_coding	4.65	5.55	4.89	4.48	4.31	4.24	4.24	4.25
Down	ENSMUSG00000046714	-4.93	1.81E-06	Foxc2	protein_coding	2.94	3.33	3.70	4.22	2.00	2.00	2.00	2.34
Down	ENSMUSG00000096966	-1.70	1.84E-06	Zfp960	protein_coding	4.03	4.31	4.24	4.28	3.17	3.22	2.93	2.99
Down	ENSMUSG00000027997	-1.46	1.92E-06	Casp6	protein_coding	4.77	4.27	4.09	4.63	3.11	3.47	3.24	3.70
Up	ENSMUSG00000022887	1.34	1.94E-06	Masp1	protein_coding	6.30	6.08	6.22	6.27	7.71	7.26	7.68	7.34
Down	ENSMUSG00000034320	-1.03	1.94E-06	Sic26a2	protein_coding	6.58	6.85	7.12	6.93	5.23	6.37	5.49	6.20
Up	ENSMUSG00000034936	1.11	1.97E-06	Arl4d	protein_coding	5.81	5.77	5.59	5.48	6.89	6.12	6.89	6.79
Up	ENSMUSG00000070717	1.37	1.98E-06	Gm10300	protein_coding	3.86	4.13	3.93	3.69	5.34	4.42	5.22	4.95
Down	ENSMUSG00000029343	-2.52	1.99E-06	Crybb1	protein_coding	4.67	3.88	4.13	4.22	3.22	3.22	2.92	2.92
Down	ENSMUSG00000030946	-1.27	2.00E-06	Lhpp	protein_coding	5.83	5.81	6.22	6.38	5.07	4.70	4.13	5.49
Down	ENSMUSG00000019851	-2.68	2.02E-06	Perp	protein_coding	5.15	4.20	4.49	3.55	2.92	2.00	2.99	2.99
Down	ENSMUSG00000043566	-1.80	2.06E-06	Fbx7	protein_coding	5.08	5.23	5.29	5.49	3.47	3.43	3.97	4.36
Down	ENSMUSG00000039450	-2.02	2.10E-06	Dcxr	protein_coding	4.89	4.44	4.57	4.82	3.11	2.62	3.24	3.74
Down	ENSMUSG00000059350	-3.00	2.10E-06	Gpr18	protein_coding	3.19	3.31	3.30	3.30	2.70	2.00	2.00	2.00
Down	ENSMUSG00000040740	-2.99	2.21E-06	Sic25a34	protein_coding	4.87	4.61	4.34	3.90	2.25	2.42	3.40	2.44
Down	ENSMUSG00000016942	-2.51	2.22E-06	Trmss6	protein_coding	4.77	4.34	4.80	3.60	2.82	2.00	2.00	3.12
Down	ENSMUSG00000031374	-1.36	2.26E-06	Zfp92	protein_coding	5.04	4.95	5.37	5.69	3.96	4.13	3.59	4.68
Down	ENSMUSG00000004730	-2.25	2.29E-06	Adgre1	protein_coding	5.10	4.84	5.00	5.12	2.22	3.77	2.79	3.78
Down	ENSMUSG00000057098	-1.97	2.37E-06	Ebf1	protein_coding	4.82	5.04	4.82	5.27	3.04	4.35	2.35	3.44
Down	ENSMUSG00000038843	-2.43	2.38E-06	Gcnt1	protein_coding	5.45	5.28	5.24	5.65	3.40	4.16	2.00	3.62
Down	ENSMUSG00000059898	-1.75	2.43E-06	Dsc3	protein_coding	5.66	5.70	5.38	5.89	4.06	3.69	3.50	4.95
Down	ENSMUSG00000020912	-1.14	2.43E-06	Krt12	protein_coding	6.04	5.50	6.09	6.56	4.44	5.49	5.49	5.38
Down	ENSMUSG00000038859	-2.18	2.46E-06	Baiap21	protein_coding	4.67	3.83	3.49	4.65	2.97	2.00	3.54	2.54
Down	ENSMUSG00000022665	-1.31	2.48E-06	Ccdc80	protein_coding	4.75	5.12	5.35	4.03	3.94	4.04	4.23	4.31
Up	ENSMUSG00000039699	1.03	2.51E-06	Batf2	protein_coding	4.95	5.44	5.43	5.42	6.51	6.14	6.31	6.15
ENSMUSG00000070469	-1.46	2.51E-06	Adamts13	protein_coding	4.84	5.22	5.22	5.16	4.22	4.10	3.62	3.63	3.62
Up	ENSMUSG00000045929	1.06	2.54E-06	Gm20715	protein_coding	5.34	5.28	5.40	5.12	6.13	5.89	6.40	6.56
Up	ENSMUSG00000043648	2.32	2.62E-06	Pt66	protein_coding	2.43	2.66	3.01	3.01	4.68	4.35	3.67	4.08
Down	ENSMUSG00000038402	-2.71	2.62E-06	Foxf2	protein_coding	3.72	3.88	3.89	4.22	2.25	3.11	2.24	2.24
Down	ENSMUSG00000048310	-1.10	2.62E-06	Pskh1	protein_coding	6.13	6.00	6.02	5.79	4.94	4.35	4.88	5.54
Down	ENSMUSG00000056220	-1.85	2.71E-06	Pla2g4a	protein_coding	5.17	5.47	4.87	4.94	2.97	3.28	3.35	4.50
Down	ENSMUSG00000020077	-2.63	2.74E-06	Srgn	protein_coding	4.29	4.69	4.82	4.45	3.11	2.53	2.00	3.39
Down	ENSMUSG00000079484	-1.10	2.74E-06	Ptyhd1	protein_coding	5.58	5.89	5.22	5.69	4.25	4.90	4.35	4.93
Down	ENSMUSG00000020799	-3.02	2.76E-06	Tekt1	protein_coding	4.80	4.77	3.84	5.53	2.37	3.43	2.00	3.06
Down	ENSMUSG00000041653	-1.36	2.78E-06	Pnpla3	protein_coding	4.80	5.00	5.02	4.76	3.73	3.94	3.75	3.81
Down	ENSMUSG00000017756	-1.64	2.81E-06	Sic12a7	protein_coding	5.17	5.59	5.09	5.30	3.73	3.52	3.94	4.41
Down	ENSMUSG00000007655	-2.26	2.82E-06	Cav1	protein_coding	4.07	4.64	5.09	5.50	3.55	2.24	3.19	3.66
Down	ENSMUSG00000039480	-1.75	2.82E-06	Ni5dc1	protein_coding	4.22	4.31	4.70	5.27	2.70	2.70	3.24	4.05
Down	ENSMUSG00000030332	-2.11	2.89E-06	Klf4	protein_coding	4.91	4.34	5.37	4.53	2.00	3.52	3.45	3.62
Down	ENSMUSG00000078507	-6.53	2.90E-06	Aeadac3	protein_coding	4.11	3.69	3.60	3.90	2.13	2.00	2.00	2.00
Down	ENSMUSG00000006628	-1.21	2.91E-06	Hk1	protein_coding	5.44	5.49	5.52	4.61	4.61	4.92	3.90	4.92
Down	ENSMUSG00000033880	-1.18	2.91E-06	Lgals3bp	protein_coding	5.38	5.50	5.24	5.33	4.44	4.32	4.19	4.43
Down	ENSMUSG00000021640	-3.22	2.96E-06	Naip1	protein_coding	4.03	4.01	3.65	3.90	2.00	2.44	2.24	2.70
Down	ENSMUSG00000073412	-3.28	3.12E-06	Lst1	protein_coding	3.25	3.68	3.09	3.33	2.00	2.00	2.35	2.44
Down	ENSMUSG00000034732	-1.22	3.15E-06	Pabpc5	protein_coding	5.38	5.04	5.24	5.37	4.16	4.22	3.87	4.57
Down	ENSMUSG00000030921	-2.56	3.18E-06	Trim30a	protein_coding	4.07	4.13	4.68	4.65	2.90	3.17	2.24	2.70
Down	ENSMUSG00000028919	-1.33	3.19E-06	Arhgef19	protein_coding	5.66	4.89	5.89	5.30	4.47	4.46	4.63	5.66
Down	ENSMUSG00000030737	-1.06	3.22E-06	Sicc2b1	protein_coding	6.53	5.97	6.49	6.03	5.34	5.42	5.43	6.43
Down	ENSMUSG00000039081	-1.92	3.23E-06	Zfp503	protein_coding	4.89	5.43	4.80	5.00	3.73	3.33	2.45	4.17
Down	ENSMUSG00000052821	-3.55	3.32E-06	Cysltr1	protein_coding	4.29	4.09	3.23	4.05	2.00	2.62	2.00	2.54
Down	ENSMUSG00000036867	-2.69	3.32E-06	Smad6	protein_coding	3.61	3.83	3.36	3.86	2.13	2.53	2.00	2.85
Down	ENSMUSG00000036086	-1.07	3.32E-06	Zranb3	protein_coding	6.43	6.14	6.70	6.48	5.19	5.77	5.05	5.68
Up	ENSMUSG00000020090	1.54	3.41E-06	Npflr1	protein_coding	5.31	5.06	5.02	4.74	5.80	6.73	6.73	6.42
Down	ENSMUSG00000052404	-2.32	3.46E-06	Silf5	protein_coding	4.77	5.26	4.73	5.07	3.40	3.07	3.40	3.89
Down	ENSMUSG00000035894	-1.23	3.49E-										

Down	ENSMUSG00000030889	-1.44	3.67E-06	Vwa3a	protein_coding	6.00	6.06	6.20	6.30	3.45	4.99	4.69	5.51
Down	ENSMUSG00000073907	-2.70	3.73E-06	Olfir689	protein_coding	3.61	3.52	4.05	3.98	2.00	2.70	2.54	2.54
Down	ENSMUSG00000036944	-3.85	3.79E-06	Tmem71	protein_coding	4.11	3.83	4.01	3.94	2.00	2.44	2.00	2.54
Down	ENSMUSG000000021760	-1.75	3.81E-06	Gpx8	protein_coding	4.48	4.61	4.43	4.96	3.29	3.73	3.35	2.92
Down	ENSMUSG000000060591	-3.76	3.92E-06	lftm2	protein_coding	4.84	4.74	4.68	4.91	2.97	2.70	2.00	2.24
Up	ENSMUSG00000010080	1.40	3.96E-06	Epr3	protein_coding	5.21	4.67	4.09	5.63	6.13	6.58	6.36	6.07
Up	ENSMUSG000000027568	1.13	4.02E-06	Igfbp4	protein_coding	5.99	5.72	5.93	6.41	7.30	6.41	7.02	7.01
Down	ENSMUSG00000027932	-1.46	4.09E-06	Slc27a3	protein_coding	5.15	5.41	5.17	4.82	3.29	4.01	4.43	3.85
Down	ENSMUSG00000037708	-2.00	4.13E-06	Spag6	protein_coding	4.80	4.56	4.49	4.39	2.66	3.22	2.63	3.78
Down	ENSMUSG00000030108	-1.80	4.13E-06	Slc6a13	protein_coding	4.80	4.67	4.43	4.58	3.11	3.17	2.93	3.85
Down	ENSMUSG00000027115	-1.77	4.15E-06	Kif18a	protein_coding	4.07	4.41	4.46	4.39	3.11	3.05	3.13	3.23
Down	ENSMUSG00000062438	-4.00	4.23E-06	Adam1b	protein_coding	3.31	2.95	3.97	3.55	2.00	2.00	2.13	2.44
Down	ENSMUSG00000091191	-2.31	4.36E-06	Gm17334	protein_coding	3.86	4.01	4.05	4.15	2.66	2.34	2.79	2.92
Down	ENSMUSG00000046186	-2.52	4.37E-06	Cd109	protein_coding	5.66	5.33	5.61	5.57	3.04	2.12	4.04	4.08
Down	ENSMUSG00000024986	-3.02	4.42E-06	Hhex	protein_coding	3.81	4.13	4.09	4.42	3.04	2.00	2.35	2.44
Down	ENSMUSG00000046922	-2.66	4.46E-06	Gpr6	protein_coding	4.29	4.01	3.97	4.12	2.25	2.44	2.13	3.29
Up	ENSMUSG000000021200	1.74	4.49E-06	Asb2	protein_coding	4.39	3.78	4.40	4.02	5.75	5.89	5.58	5.41
Down	ENSMUSG000000028965	-3.00	4.62E-06	Tnfrsf9	protein_coding	3.25	4.37	3.97	4.05	2.37	2.92	2.00	2.34
Down	ENSMUSG000000042099	-1.14	4.66E-06	Kank3	protein_coding	5.66	5.43	6.20	5.41	4.68	4.27	5.04	4.70
Down	ENSMUSG000000087158	-2.42	4.70E-06	Cc444	protein_coding	5.15	5.17	5.69	5.62	3.04	2.62	3.45	4.31
Down	ENSMUSG000000091631	-2.55	4.71E-06	Vmn2r65	protein_coding	4.39	4.79	4.75	4.65	2.66	2.66	2.86	3.44
Up	ENSMUSG000000031636	1.47	4.75E-06	Pdim3	protein_coding	4.15	4.31	4.13	4.39	5.72	5.05	5.27	5.86
Down	ENSMUSG00000014158	-2.39	4.79E-06	Trpv4	protein_coding	5.00	3.92	4.34	5.52	2.78	2.71	3.89	3.89
Down	ENSMUSG00000070601	-2.98	4.93E-06	Vmn2r84	protein_coding	3.99	4.01	3.49	4.22	2.00	2.62	2.00	2.92
Down	ENSMUSG00000027568	-1.82	4.94E-06	Ntsr1	protein_coding	4.62	5.31	5.02	5.48	4.13	3.80	2.24	3.95
Down	ENSMUSG00000072770	-1.58	4.94E-06	Acrbp	protein_coding	4.59	4.77	4.87	4.58	3.11	4.10	2.93	3.57
Down	ENSMUSG00000056870	-2.71	4.98E-06	Gulp1	protein_coding	4.57	4.01	4.65	4.85	3.35	2.00	2.24	3.17
Down	ENSMUSG00000021592	-1.37	5.37E-06	Arsk	protein_coding	5.48	6.05	5.61	5.58	3.92	4.16	5.00	4.63
Down	ENSMUSG00000027849	-2.12	5.43E-06	Syl6	protein_coding	5.87	5.90	6.00	5.92	4.13	2.79	4.92	4.92
Down	ENSMUSG00000096385	-3.53	5.44E-06	Gm11168	protein_coding	10.49	10.82	10.64	11.20	6.80	7.63	6.28	7.96
Up	ENSMUSG000000030609	1.00	5.45E-06	Aen	protein_coding	6.97	6.79	7.00	6.76	7.96	7.35	8.19	7.82
Down	ENSMUSG000000005803	-1.65	5.49E-06	Sqor	protein_coding	5.17	5.21	4.75	5.33	3.35	3.87	3.54	4.25
Down	ENSMUSG000000019485	-4.31	5.66E-06	Olfir07	protein_coding	4.03	4.44	4.03	4.15	4.44	2.24	2.62	2.62
Down	ENSMUSG000000062960	-1.73	5.80E-06	Kalr	protein_coding	5.10	5.66	5.05	5.34	3.39	3.64	3.24	4.74
Down	ENSMUSG000000078902	-1.51	5.81E-06	Gm14443	protein_coding	4.54	4.58	5.45	4.89	4.16	3.52	3.13	3.89
Down	ENSMUSG000000034872	-2.54	5.83E-06	Gipc3	protein_coding	4.59	3.88	4.33	4.49	2.37	2.85	2.63	2.99
Down	ENSMUSG00000066442	-1.22	5.86E-06	Mths	protein_coding	5.61	5.47	5.42	5.19	4.28	4.64	4.10	4.43
Down	ENSMUSG00000030677	-1.17	5.89E-06	Klf22	protein_coding	5.24	5.49	4.65	4.82	4.10	4.19	3.87	4.28
Down	ENSMUSG00000026480	-1.76	5.90E-06	Ncf2	protein_coding	5.66	5.68	5.31	5.16	3.89	4.13	2.45	4.70
Down	ENSMUSG000000069633	-1.73	5.94E-06	Pex11g	protein_coding	3.81	4.74	4.95	4.34	3.11	3.05	2.63	3.99
Down	ENSMUSG000000037664	-1.71	6.16E-06	Cdkn1c	protein_coding	5.42	4.47	4.43	5.52	3.11	3.77	4.07	3.66
Down	ENSMUSG000000021866	-1.34	6.23E-06	Anxa11	protein_coding	6.42	6.04	6.10	5.87	4.47	4.16	5.51	5.11
Down	ENSMUSG00000040983	-1.09	6.25E-06	Tmem205	protein_coding	5.86	5.84	5.95	5.76	4.99	4.07	4.71	5.42
Down	ENSMUSG000000062175	-1.40	6.26E-06	Tgif2	protein_coding	4.93	4.91	5.57	5.19	3.69	4.04	3.83	4.41
Down	ENSMUSG000000049929	-3.07	6.45E-06	Lpar4	protein_coding	4.22	4.37	4.43	5.09	2.13	3.38	2.45	2.34
Up	ENSMUSG000000032265	1.92	6.47E-06	Tent5a	protein_coding	5.86	5.74	5.94	6.06	7.40	7.92	8.21	7.30
Down	ENSMUSG000000028943	-1.64	6.53E-06	Espn	protein_coding	5.79	5.89	5.86	5.73	4.61	4.62	3.02	3.02
Down	ENSMUSG000000058620	-6.08	6.57E-06	Adra2b	protein_coding	2.85	3.39	2.93	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG000000092049	-4.15	6.66E-06	Vmn2r4	protein_coding	4.07	4.89	4.54	4.07	2.70	2.00	2.54	2.00
Down	ENSMUSG00000076435	-1.40	6.66E-06	Acsf2	protein_coding	6.37	6.33	6.32	6.13	5.46	3.65	5.39	4.92
Down	ENSMUSG00000040569	-1.89	6.83E-06	Slc26a7	protein_coding	4.11	4.72	4.37	4.09	2.90	3.11	2.93	3.29
Down	ENSMUSG00000029925	-1.67	6.83E-06	Tbxas1	protein_coding	4.65	4.93	5.35	4.94	3.17	3.22	3.40	4.46
Up	ENSMUSG000000110086	1.75	6.84E-06	Gm45623	protein_coding	3.10	3.83	3.65	3.50	5.02	4.64	4.57	5.24
Down	ENSMUSG000000030047	-1.64	6.91E-06	Arhgap25	protein_coding	5.58	5.10	5.52	5.33	4.19	4.30	2.54	4.38
Down	ENSMUSG000000030339	-1.79	7.25E-06	Ltbr	protein_coding	5.51	4.95	5.57	5.08	4.03	2.34	4.30	4.20
Down	ENSMUSG000000063953	-1.84	7.26E-06	Amd2	protein_coding	4.11	4.37	4.13	4.63	3.40	3.33	2.63	2.85
Down	ENSMUSG000000031283	-2.58	7.29E-06	Chrd1	protein_coding	3.61	5.26	4.95	5.17	3.69	3.17	2.00	3.17
Down	ENSMUSG000000027875	-2.01	7.34E-06	Hmgcs2	protein_coding	4.89	4.93	4.89	4.89	2.57	4.24	3.30	3.12
Down	ENSMUSG000000036522	-2.82	7.38E-06	Mfsd4b1	protein_coding	3.72	5.15	4.20	4.45	3.11	2.34	2.00	3.12
Down	ENSMUSG000000033591	-2.46	7.39E-06	Igf2bp2	protein_coding	3.72	4.47	5.02	4.48	2.74	3.38	2.00	3.06
Down	ENSMUSG000000031552	-3.48	7.58E-06	Adam18	protein_coding	3.95	4.47	3.90	4.09	2.00	2.44	2.13	2.78
Down	ENSMUSG000000024960	-1.05	7.61E-06	Plcb3	protein_coding	6.27	6.30	6.12	6.21	4.49	4.49	4.94	5.56
Down	ENSMUSG000000048939	-1.67	7.62E-06	Atp13a5	protein_coding	5.24	5.31	5.00	5.49	4.68	3.05	3.00	4.17
Up	ENSMUSG000000037188	1.58	7.68E-06	Grh3	protein_coding	4.29	3.88	3.70	4.31	4.84	5.18	5.78	5.62
Down	ENSMUSG00000027490	-1.44	8.00E-06	E2f1	protein_coding	5.13	5.31	5.53	5.45	2.97	3.94	4.43	4.40
Down	ENSMUSG000000022683	-2.67	8.17E-06	Pla2g10	protein_coding	3.91	4.64	4.52	4.63	2.13	2.44	2.71	3.74
Down	ENSMUSG000000030966	-1.59	8.24E-06	Trim21	protein_coding	4.93	4.69	4.60	4.76	2.90	3.91	3.30	3.81
Down	ENSMUSG000000038663	-2.73	8.25E-06	Fsd2	protein_coding	3.99	4.41	3.93	4.25	2.00	2.24	2.79	3.12
Up	ENSMUSG000000005057	1.03	8.31E-06	Sh2b2	protein_coding	5.41	5.41	5.02	5.14	6.56	6.03	6.11	6.06
Down	ENSMUSG000000048120	-2.00	8.32E-06	Entpd1	protein_coding	6.33	6.26	6.53	6.38	4.59	4.78	2.71	5.71
Down	ENSMUSG000000002699	-2.02	8.49E-06	Lcp2	protein_coding	5.44	5.50	4.85	5.07	2.37	3.28	4.13	4.08
Down	ENSMUSG000000070780	-2.11	8.52E-06	Rbm47	protein_coding	5.69	4.74	4.34	4.34	3.50	2.92	3.24	4.59
Down	ENSMUSG000000021903	-2.25	8.64E-06	Gai1t5	protein_coding	4.11	4.79	4.07	4.63	3.17	3.17	3.06	3.06
Down	ENSMUSG000000024196	-2.45	8.11E-06	Dnss2	protein_coding	3.38	3.63	4.05	4.05	2.82	2.44	2.00	2.54
Up	ENSMUSG000000055775	1.21	9.33E-06	Myn8	protein_coding	5.12	5.71	5.78	5.76	6.17	6.17	6.95	6.75
Down	ENSMUSG000000071713	-1.94	9.35E-06	Csf2rb	protein_coding	4.84	4.13	4.82	4.45	3.69	3.05	2.45	3.39
Down	ENSMUSG000000036647	-3.62	9.41E-06	Olfir6	protein_coding	3.56	4.58	4.13	4.09	2.35	4.09	2.35	2.54
Down	ENSMUSG000000074342	-2.12	9.46E-06	1830077J02Rik	protein_coding	4.18	4.58	4.05	4.25	2.47	3.11	3.35	2.54
Down	ENSMUSG000000021572	-1.22	9.46E-06	Cep72	protein_coding	4.72	4.93	4.57	4.98	3.23	4.16	3.87	3.95
Down	ENSMUSG000000034401	-1.41	9.54E-06	Spata6	protein_coding	5.45	5.04	5.48	5.57	3.89	3.98	4.59	4.23
Down	ENSMUSG000000051413	-1.22	9.57E-06	Plagl2	protein_coding	6.17	6.64	6.46	6.50	4.19	6.05	5.30	5.17
Down	ENSMUSG000000020641	-2.95	9.62E-06	Rsad2	protein_coding	3.61	4.24	3.70	4.09	2.37	2.78	2.13	2.44
Up	ENSMUSG000000023905	1.60	9.74E-06	Tnfrsf12a	protein_coding	4.39	3.78	3.70	4.15	4.63	5.74	5.73	5.15
Down	ENSMUSG000000020542	-2.40	9.79E-06	Myocd	protein_coding	4.39	4.41	4.40	4.67	2.57	3.17	2.45	3.23
Down	ENSMUSG000000035355	-1.67	1.01E-05	Kcnh4	protein_coding	4.57	4.13	4.13	4.70	3.58	3.38	2.00	3.53
Down	ENSMUSG000000029700	-2.65	1.04E-05	Slc13a1	protein_coding	4.42	4.47	4.75	4.98	2.00	3.28	2.63	3.29
Down	ENSMUSG000000009568	-1.79	1.04E-05	Prot2	protein_coding	5.58	5.59	5.50	5.59	4.84	5.66		

Down	ENSMUSG00000105504	-2.77	1.06E-05	Gbp5	protein_coding	4.26	4.74	4.70	4.19	2.25	2.34	2.63	3.44
Down	ENSMUSG00000028392	-2.64	1.06E-05	Bspry	protein_coding	4.15	4.50	4.05	3.78	2.57	2.53	2.00	3.17
Up	ENSMUSG00000042529	1.02	1.07E-05	Kcnj12	protein_coding	5.82	6.06	5.40	5.48	6.86	6.74	6.30	6.74
Down	ENSMUSG000000024168	-1.97	1.07E-05	Tmem204	protein_coding	4.72	4.61	4.75	4.39	2.57	2.70	3.94	3.23
Down	ENSMUSG000000003824	-1.75	1.12E-05	Syce2	protein_coding	5.55	5.21	5.32	5.09	3.17	4.35	3.54	4.08
Down	ENSMUSG000000050103	-1.61	1.14E-05	Agmo	protein_coding	5.17	5.23	4.63	5.14	3.60	3.56	3.50	4.25
Down	ENSMUSG000000046799	-1.67	1.15E-05	Rhcg	protein_coding	5.61	5.31	5.49	5.31	4.39	4.78	4.50	3.92
Down	ENSMUSG00000108748	-3.31	1.18E-05	Gm44679	protein_coding	4.32	4.13	4.13	4.19	2.00	2.00	2.85	2.85
Down	ENSMUSG00000040812	-1.64	1.18E-05	Agbl2	protein_coding	5.42	5.60	5.11	5.50	2.90	4.40	4.04	4.38
Down	ENSMUSG00000020904	-2.54	1.20E-05	Cfap52	protein_coding	4.07	5.08	5.08	4.98	2.82	2.24	2.35	4.02
Down	ENSMUSG00000108929	-2.14	1.21E-05	Cc2d2b	protein_coding	4.54	4.69	5.00	4.87	2.37	3.43	2.86	3.81
Down	ENSMUSG000000031351	-2.53	1.23E-05	Zfp185	protein_coding	4.15	4.09	4.57	5.11	2.00	3.05	2.54	3.48
Up	ENSMUSG00000006342	1.30	1.24E-05	Susd2	protein_coding	4.36	4.09	3.89	4.22	5.04	4.85	5.20	5.70
Down	ENSMUSG000000084262	-4.30	1.24E-05	Olfv588-ps1	protein_coding	3.95	4.01	3.54	4.53	2.00	2.00	2.24	2.54
Down	ENSMUSG00000062713	-3.95	1.24E-05	Sim2	protein_coding	3.77	3.97	3.60	3.08	2.00	2.12	2.13	2.44
Down	ENSMUSG000000095891	-3.26	1.24E-05	Gm10717	protein_coding	9.97	10.45	10.26	10.79	6.64	7.23	6.39	7.93
Down	ENSMUSG000000027886	-2.27	1.24E-05	1700013F07Rik	protein_coding	4.39	3.88	4.09	4.19	2.97	2.98	2.54	2.54
Down	ENSMUSG000000057278	-1.08	1.24E-05	Snrgp	protein_coding	5.36	5.72	5.74	5.90	4.66	4.24	4.99	4.93
Up	ENSMUSG000000036295	1.15	1.25E-05	Atg9b	protein_coding	4.84	4.64	5.02	4.85	5.90	5.71	5.59	6.22
Down	ENSMUSG000000043122	-2.26	1.25E-05	A530016L24Rik	protein_coding	3.72	3.52	3.70	3.55	2.00	2.00	3.24	2.44
Down	ENSMUSG000000044702	-2.05	1.25E-05	Pati2	protein_coding	3.95	4.53	4.97	4.67	2.47	2.71	3.85	3.85
Down	ENSMUSG000000054986	-2.56	1.26E-05	Sec14i3	protein_coding	4.89	4.91	5.17	4.87	2.00	2.53	3.54	3.70
Down	ENSMUSG000000032057	-6.05	1.27E-05	4833427G06Rik	protein_coding	2.85	3.03	2.84	3.50	2.00	2.00	2.00	2.00
Down	ENSMUSG000000041117	-1.85	1.27E-05	Ccdc8	protein_coding	4.62	4.79	4.43	4.55	2.66	3.61	2.63	3.78
Up	ENSMUSG000000021411	1.13	1.29E-05	Pxdc1	protein_coding	5.21	5.38	5.48	5.44	6.32	6.63	6.11	6.58
Down	ENSMUSG000000039238	-2.37	1.29E-05	Zfp750	protein_coding	4.03	3.03	3.54	3.33	2.47	2.53	2.00	2.70
Down	ENSMUSG000000067818	-2.11	1.30E-05	Myf9	protein_coding	4.00	4.50	4.20	4.72	2.00	3.47	2.11	2.34
Down	ENSMUSG000000033386	-1.97	1.31E-05	Frrs1	protein_coding	5.44	5.28	4.85	5.65	3.64	4.19	2.35	4.11
Down	ENSMUSG000000073294	-4.64	1.33E-05	AU022751	protein_coding	3.10	3.19	3.70	3.65	2.00	2.00	2.00	2.34
Down	ENSMUSG000000026380	-1.57	1.35E-05	Tfcp2l1	protein_coding	6.11	6.35	5.19	5.97	3.92	5.29	3.50	4.87
Down	ENSMUSG000000019874	-2.06	1.36E-05	Fabp7	protein_coding	6.34	6.33	7.21	7.24	4.86	5.05	4.54	5.21
Down	ENSMUSG000000091243	-1.17	1.37E-05	Vgll3	protein_coding	6.16	6.65	5.64	6.85	5.09	5.62	5.27	5.20
Down	ENSMUSG000000050079	-3.70	1.44E-05	Gpr171	protein_coding	2.85	3.11	3.25	2.00	2.44	2.00	2.00	2.00
Up	ENSMUSG000000030689	1.45	1.45E-05	Calca	protein_coding	3.77	3.87	3.60	3.86	5.07	5.10	4.81	5.10
Down	ENSMUSG000000032110	-3.95	1.46E-05	Acv1	protein_coding	3.86	4.20	3.70	3.90	2.00	2.44	2.00	2.44
Down	ENSMUSG000000032343	-3.03	1.46E-05	Impg1	protein_coding	3.86	4.20	3.54	4.48	2.66	2.00	2.00	2.99
Down	ENSMUSG000000090035	-1.60	1.46E-05	Gaint4	protein_coding	4.84	4.95	5.19	5.20	3.50	3.94	4.16	3.34
Down	ENSMUSG000000027887	-1.51	1.46E-05	Sypl2	protein_coding	4.72	5.04	5.09	5.16	3.85	4.07	3.07	4.02
Down	ENSMUSG000000044055	-4.34	1.48E-05	Otos	protein_coding	3.44	3.78	4.37	3.90	2.00	2.00	2.24	2.44
Down	ENSMUSG000000037086	-4.43	1.49E-05	Prr32	protein_coding	3.61	3.19	2.42	4.37	2.13	2.00	2.00	2.34
Down	ENSMUSG000000026167	-2.24	1.49E-05	Wnt10a	protein_coding	4.65	4.95	4.46	4.34	2.25	2.98	2.35	3.95
Down	ENSMUSG000000026479	-1.45	1.50E-05	Lamc2	protein_coding	5.81	5.53	5.73	5.54	3.81	5.20	3.61	4.38
Up	ENSMUSG000000034771	1.15	1.52E-05	Tle2	protein_coding	5.57	5.26	5.45	5.50	6.84	6.17	5.71	7.02
Down	ENSMUSG000000043029	-1.52	1.54E-05	Trpv3	protein_coding	4.51	4.74	5.19	4.98	3.35	3.17	3.63	4.31
Down	ENSMUSG000000092162	-2.65	1.59E-05	Vmn2r86	protein_coding	3.95	4.47	3.75	4.12	2.00	2.24	2.63	3.23
Down	ENSMUSG000000020399	-2.13	1.60E-05	Havr2	protein_coding	4.45	4.79	4.65	4.78	2.62	2.44	3.50	3.57
Down	ENSMUSG000000072949	-1.47	1.60E-05	Acv1	protein_coding	5.96	6.00	5.94	6.00	4.76	5.00	5.00	5.00
Down	ENSMUSG000000073940	-2.12	1.64E-05	Hbb-bt	protein_coding	3.50	4.01	3.60	4.02	2.74	2.85	2.13	2.78
Down	ENSMUSG000000020566	-2.55	1.65E-05	Atp6v1c2	protein_coding	3.91	4.31	4.30	4.42	2.97	2.44	2.00	3.17
Down	ENSMUSG000000074215	-1.58	1.67E-05	Gm10643	protein_coding	5.79	5.52	5.72	5.72	4.19	5.78	4.57	4.95
Up	ENSMUSG000000039481	1.50	1.72E-05	Ntn	protein_coding	4.03	3.57	3.43	3.65	4.84	5.17	5.22	3.85
Down	ENSMUSG000000026303	-1.61	1.74E-05	Mlph	protein_coding	4.77	5.00	4.63	4.28	3.81	3.69	2.79	3.44
Down	ENSMUSG000000019539	-2.59	1.78E-05	Rcn3	protein_coding	4.51	5.15	5.27	5.16	3.77	2.44	2.54	2.24
Down	ENSMUSG000000038387	-1.58	1.78E-05	Rras	protein_coding	5.47	4.95	5.46	5.53	2.82	3.91	4.73	4.11
Up	ENSMUSG000000037349	1.60	1.79E-05	Nudt22	protein_coding	3.91	3.83	4.09	3.50	5.58	4.68	5.45	4.63
Down	ENSMUSG000000046056	-1.57	1.79E-05	Sbsn	protein_coding	4.65	4.86	4.95	4.72	3.55	3.05	3.19	4.25
Down	ENSMUSG000000068854	-1.14	1.81E-05	Hist2h2be	protein_coding	5.94	5.70	5.19	5.94	4.33	4.42	4.33	4.25
Down	ENSMUSG000000035298	-2.37	1.82E-05	Klh35	protein_coding	3.18	4.01	4.24	4.39	2.74	2.00	2.00	3.44
Down	ENSMUSG000000045392	-6.27	1.84E-05	Kera	protein_coding	3.18	3.46	2.54	3.45	2.00	2.00	2.00	2.00
Down	ENSMUSG000000024659	-2.86	1.84E-05	Anx1	protein_coding	3.56	3.63	3.93	4.05	2.57	2.63	2.44	2.44
Down	ENSMUSG000000038496	-1.20	1.85E-05	Pou2f2	protein_coding	6.22	6.16	5.82	6.27	5.76	4.24	4.38	5.21
Down	ENSMUSG000000055547	-4.89	1.86E-05	Apobec4	protein_coding	3.18	2.76	3.54	3.33	2.00	2.00	2.00	2.24
Down	ENSMUSG000000070532	-2.43	1.90E-05	Ccdc190	protein_coding	6.70	6.61	6.51	6.65	4.78	4.85	2.00	4.68
Down	ENSMUSG000000027082	-1.62	1.92E-05	Tfpi	protein_coding	4.36	4.91	5.20	4.98	2.66	3.98	3.94	3.57
Down	ENSMUSG000000026348	-2.24	1.95E-05	Acmds	protein_coding	3.95	4.37	4.30	4.22	2.66	2.00	2.54	3.62
Down	ENSMUSG000000019832	-2.45	1.96E-05	Rab32	protein_coding	4.67	4.58	3.09	4.45	2.66	2.98	2.71	2.78
Up	ENSMUSG000000037625	1.08	1.97E-05	Cldn11	protein_coding	9.01	8.70	8.85	8.69	10.47	9.12	9.68	9.95
Down	ENSMUSG000000079363	-2.47	1.97E-05	Gbp4	protein_coding	5.00	4.34	4.46	4.58	2.00	2.85	2.35	3.85
Down	ENSMUSG000000089669	-1.81	1.97E-05	Tnfrsf13	protein_coding	4.07	4.41	4.43	4.53	3.04	3.43	2.54	3.34
Down	ENSMUSG000000022704	-1.06	1.97E-05	Qtrt2	protein_coding	6.35	6.22	6.82	6.93	6.26	6.93	5.31	6.98
Down	ENSMUSG000000031491	-3.76	2.00E-05	Chrna6	protein_coding	3.81	3.57	3.80	2.47	2.00	2.00	2.00	2.44
Down	ENSMUSG000000045392	-6.39	2.02E-05	Olfir1033	protein_coding	3.99	3.26	2.64	2.00	2.77	2.00	2.00	2.00
Down	ENSMUSG000000019446	-1.57	2.04E-05	Esam	protein_coding	4.45	4.74	4.91	4.92	3.11	3.11	4.08	3.71
Down	ENSMUSG000000031373	-1.91	2.07E-05	Gerb3	protein_coding	4.77	4.74	4.82	5.05	2.37	4.07	3.45	3.92
Up	ENSMUSG0000000115112	1.40	2.08E-05	Slc25a13	protein_coding	4.18	4.09	5.05	4.22	5.47	5.72	6.14	5.15
Down	ENSMUSG000000048001	-1.46	2.08E-05	Hes5	protein_coding	5.02	4.97	5.02	5.58	3.92	2.92	4.16	4.46
Down	ENSMUSG000000101391	-7.07	2.13E-05	Olfir1217	protein_coding	4.07	4.84	3.80	4.00	2.00	2.00	2.00	2.12
Down	ENSMUSG000000063661	-2.28	2.13E-05	Krt73	protein_coding	5.51	4.69	4.57	4.60	3.55	3.05	2.93	3.29
Down	ENSMUSG000000026069	-2.28	2.15E-05	Il1r1	protein_coding	4.32	4.05	4.37	4.39	2.66	2.62	3.13	2.92
Down	ENSMUSG000000040113	-3.30	2.16E-05	Mett11b	protein_coding	4.98	3.73	4.09	4.28	2.82	2.24	2.00	2.78
Down	ENSMUSG000000050288	-1.95	2.24E-05	Fzd2	protein_coding	5.31	5.06	5.04	5.28	2.66	4.37	3.40	3.53
Down	ENSMUSG000000034151	-1.86	2.24E-05	Zbbx	protein_coding	5.53	5.40	5.55	5.92	3.45	2.78	4.87	4.20
Down	ENSMUSG000000024803	-3.75	2.26E-05	Ankrd1	protein_coding	4.26	4.31	4.09	4.58	2.00	2.34	2.00	2.62
Down	ENSMUSG000000017309	-2.68	2.26E-05	Cd300g	protein_coding	3.67	3.63	3.30	3.78	2.37	2.34	2.00	2.78
Down	ENSMUSG000000071234	-1.64	2.26E-05	Syndig11	protein_coding	6.09	6.03	6.28	5.52	5.07	3.47	4.90	4.23
Down	ENSMUSG000000018774	-1.55	2.26E-05	Cd88	protein_coding	4.80	4.77	4.63	5.07	3.69	4.35	3.00	2.99
Down	ENSMUSG000000072943	-2.36	2.28E-05	Pten22	protein_coding	4.39	4.89						

Down	ENSMUSG00000061808	-5.26	2.31E-05	Tlr	protein_coding	12.49	6.15	5.49	13.19	7.51	3.05	2.86	7.75
Down	ENSMUSG00000073002	-2.34	2.32E-05	Vamp5	protein_coding	4.03	4.09	4.27	4.09	2.37	2.34	2.54	3.39
Down	ENSMUSG00000034422	-1.62	2.33E-05	Parp14	protein_coding	4.91	5.43	4.87	4.63	3.29	4.10	3.07	4.05
Down	ENSMUSG00000022754	-3.39	2.37E-05	Tmem45a	protein_coding	4.11	3.73	3.54	3.60	2.13	2.12	2.24	2.62
Down	ENSMUSG00000030796	-2.33	2.37E-05	Tead2	protein_coding	4.57	4.67	4.34	4.89	3.17	2.85	2.13	3.57
Down	ENSMUSG00000028159	-1.94	2.38E-05	Dapp1	protein_coding	5.48	5.71	5.34	5.49	3.69	2.00	4.47	4.33
Down	ENSMUSG00000026493	-2.22	2.42E-05	Cc2a1	protein_coding	4.93	4.61	4.63	5.59	2.37	3.69	3.40	3.78
Down	ENSMUSG00000022831	-1.98	2.42E-05	Hcls1	protein_coding	4.42	4.89	4.63	5.45	4.19	2.98	2.54	3.39
Down	ENSMUSG00000001288	-1.26	2.42E-05	Rarg	protein_coding	5.42	5.68	5.98	5.79	4.39	5.48	3.90	4.14
Down	ENSMUSG00000026224	-2.38	2.43E-05	4933407L21Rik	protein_coding	4.11	4.13	4.01	4.28	2.00	2.24	2.44	2.44
Down	ENSMUSG00000032374	-1.25	2.46E-05	Plod2	protein_coding	4.89	5.62	5.45	5.48	4.22	3.69	4.77	4.36
Down	ENSMUSG00000041633	-1.88	2.48E-05	Kctd12b	protein_coding	5.69	4.89	5.34	5.59	2.57	3.98	3.67	4.57
Down	ENSMUSG00000060794	-6.05	2.50E-05	Tssk5	protein_coding	3.02	3.33	3.01	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064358	-5.23	2.52E-05	mt-Co3	protein_coding	2.75	2.66	2.42	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000016756	-2.83	2.52E-05	Cmah	protein_coding	4.57	4.61	5.38	5.09	2.47	3.47	2.93	2.78
Down	ENSMUSG00000054626	-6.01	2.54E-05	Xlr	protein_coding	2.85	2.66	3.01	3.55	2.00	2.00	2.00	2.00
Down	ENSMUSG00000028600	-1.86	2.54E-05	Podn	protein_coding	4.42	4.72	5.29	4.63	2.97	2.44	4.16	3.48
Down	ENSMUSG00000031488	-1.94	2.55E-05	Rab11fip1	protein_coding	5.10	5.44	4.68	5.31	3.40	3.61	2.86	4.25
Down	ENSMUSG00000042106	-1.99	2.57E-05	Inka1	protein_coding	5.36	4.53	5.15	4.80	2.37	4.22	2.79	3.74
Down	ENSMUSG00000046593	-1.83	2.58E-05	Tmem215	protein_coding	5.17	5.71	5.72	5.57	4.42	4.22	2.13	4.33
Down	ENSMUSG00000068304	-1.43	2.58E-05	Lir2b6	protein_coding	5.91	5.76	5.35	5.59	4.00	3.69	3.71	5.44
Up	ENSMUSG00000002661	1.11	2.63E-05	Alkbh7	protein_coding	4.26	4.56	4.85	4.89	5.49	5.77	5.46	5.82
Down	ENSMUSG00000030230	-2.62	2.63E-05	Plcz1	protein_coding	4.36	4.01	3.97	4.15	2.74	2.12	2.25	3.12
Down	ENSMUSG00000079427	-1.09	2.64E-05	Mthfs1	protein_coding	5.04	5.08	5.37	5.28	4.49	4.66	3.67	4.08
Up	ENSMUSG00000006270	2.33	2.66E-05	Vax1	protein_coding	3.25	2.66	2.54	2.94	4.59	3.80	3.60	4.17
Down	ENSMUSG00000037279	-1.78	2.69E-05	Ovol2	protein_coding	4.77	4.61	4.40	3.90	3.29	3.87	2.71	2.54
Down	ENSMUSG00000102752	-1.18	2.69E-05	Gm7694	protein_coding	5.15	5.28	5.13	5.11	4.36	4.72	3.63	3.70
Up	ENSMUSG00000009633	1.17	2.70E-05	G0s2	protein_coding	5.34	5.64	4.70	4.74	6.68	6.06	6.20	5.88
Down	ENSMUSG00000034467	-2.46	2.72E-05	Dynlrb2	protein_coding	4.84	4.37	3.70	4.05	3.35	2.78	2.35	2.44
Down	ENSMUSG00000042284	-1.22	2.72E-05	Itga1	protein_coding	5.55	5.86	5.26	6.14	4.39	3.84	4.65	5.33
Down	ENSMUSG00000091318	-2.54	2.74E-05	Gm5415	protein_coding	3.31	3.33	3.23	3.21	2.25	2.24	2.00	2.85
Down	ENSMUSG00000040514	-5.43	2.79E-05	Tex47	protein_coding	3.31	3.92	3.49	3.50	2.13	2.00	2.00	2.12
Down	ENSMUSG00000074254	-2.32	2.87E-05	Iih2	protein_coding	4.11	4.74	4.73	5.05	2.74	3.32	3.02	3.74
Down	ENSMUSG00000015066	-1.27	2.89E-05	Ctcf1a1	protein_coding	4.91	5.70	6.03	5.49	4.22	4.68	4.29	4.83
Down	ENSMUSG00000036915	-1.79	2.90E-05	Kirrel2	protein_coding	5.31	5.25	5.49	4.80	4.13	2.92	3.35	4.31
Down	ENSMUSG00000069516	-1.48	2.92E-05	Lyz2	protein_coding	5.53	5.19	5.65	4.00	4.94	4.00	3.95	4.94
Down	ENSMUSG00000066537	-1.60	2.95E-05	Vmn2r57	protein_coding	5.15	5.15	4.65	5.52	2.90	4.10	4.10	3.99
Down	ENSMUSG00000054450	-1.31	2.95E-05	Gm9945	protein_coding	5.23	5.25	5.57	5.19	4.42	4.58	3.40	4.17
Down	ENSMUSG00000046192	-1.32	2.96E-05	Iqub	protein_coding	5.33	5.44	5.27	5.60	4.47	4.35	4.27	4.02
Down	ENSMUSG00000016024	-2.08	2.97E-05	Lbp	protein_coding	5.39	5.17	4.73	5.59	2.97	3.61	2.25	4.53
Down	ENSMUSG00000005540	-1.59	3.00E-05	Fcer2a	protein_coding	4.75	4.69	4.65	4.72	3.29	2.34	4.27	3.48
Down	ENSMUSG00000004891	-1.81	3.01E-05	Nes	protein_coding	5.61	5.14	4.60	4.91	4.00	3.33	2.93	4.11
Down	ENSMUSG00000096330	-3.82	3.06E-05	Gm21976	protein_coding	3.50	3.73	4.20	3.15	2.00	2.62	2.00	2.12
Down	ENSMUSG00000031146	-1.92	3.06E-05	Plp2	protein_coding	4.18	3.68	4.37	4.65	2.82	3.47	3.00	2.54
Down	ENSMUSG00000044408	-1.14	3.07E-05	Sptssa	protein_coding	6.80	7.00	6.70	6.96	5.90	5.58	5.85	5.81
Down	ENSMUSG00000056890	-1.20	3.13E-05	Gad1f	protein_coding	4.29	4.20	4.05	4.39	3.89	3.11	3.00	3.44
Down	ENSMUSG00000000522	-1.19	3.14E-05	Iih3	protein_coding	6.00	6.11	5.83	6.13	4.97	5.29	4.16	5.13
Down	ENSMUSG00000094921	-3.23	3.19E-05	Vmn2r112	protein_coding	4.72	4.27	4.67	4.67	2.82	2.53	2.35	2.70
Down	ENSMUSG00000003863	-3.28	3.20E-05	Ppfia3	protein_coding	3.61	2.95	3.30	3.86	2.37	2.00	2.00	2.54
Up	ENSMUSG00000037752	1.15	3.22E-05	Kxr8	protein_coding	4.22	4.53	4.87	5.00	5.89	5.77	5.64	5.54
Down	ENSMUSG00000028294	-1.80	3.23E-05	Cfap206	protein_coding	4.18	4.58	4.17	4.98	2.37	3.24	3.23	3.23
Down	ENSMUSG00000037731	-1.96	3.26E-05	Themis2	protein_coding	4.32	4.31	3.80	4.15	2.82	2.70	2.93	3.17
Down	ENSMUSG00000062017	-2.17	3.29E-05	Abca14	protein_coding	4.07	5.02	5.04	4.50	2.74	3.22	3.13	3.44
Down	ENSMUSG00000050623	-1.52	3.33E-05	Catsperz	protein_coding	4.84	4.50	4.49	4.25	3.35	3.22	3.87	3.12
Down	ENSMUSG00000031112	-1.22	3.33E-05	Stk26	protein_coding	5.10	5.28	5.38	5.57	4.03	4.42	3.59	4.87
Down	ENSMUSG00000027935	-1.33	3.36E-05	Rab13	protein_coding	5.45	5.08	5.27	5.19	4.68	3.73	3.79	4.17
Down	ENSMUSG00000041187	-1.18	3.37E-05	Prkd2	protein_coding	4.80	5.06	5.26	5.20	4.10	3.80	3.40	4.77
Down	ENSMUSG00000021965	-1.72	3.38E-05	Ska3	protein_coding	4.03	4.31	4.68	4.80	3.50	2.98	3.00	3.48
Down	ENSMUSG00000021187	-2.32	3.52E-05	Tc2n	protein_coding	4.26	4.05	4.20	4.87	2.62	3.05	2.13	3.29
Up	ENSMUSG00000030847	1.01	3.53E-05	Bag3	protein_coding	6.41	5.75	5.77	5.67	7.10	6.91	6.74	6.78
Down	ENSMUSG00000073494	-5.71	3.54E-05	Str21h2	protein_coding	3.99	3.68	3.70	3.65	2.00	2.00	2.00	2.24
Down	ENSMUSG00000001685	-2.32	3.63E-05	Gstl3	protein_coding	3.86	3.88	3.97	4.45	2.37	2.62	2.54	3.12
Down	ENSMUSG00000000794	-1.58	3.65E-05	Kcnn3	protein_coding	7.62	7.68	7.67	7.99	5.12	6.51	4.97	7.15
Down	ENSMUSG00000020424	-3.39	3.66E-05	Castor1	protein_coding	3.61	4.05	3.23	3.08	2.00	2.00	2.00	2.78
Down	ENSMUSG00000026922	-2.13	3.71E-05	Agpat2	protein_coding	4.80	4.34	3.70	4.12	3.04	2.78	2.79	3.06
Down	ENSMUSG00000030157	-2.12	3.81E-05	Clec2d	protein_coding	4.80	5.28	4.17	4.42	2.25	2.62	4.04	3.23
Down	ENSMUSG00000031286	-3.21	3.94E-05	Glh2d2	protein_coding	3.18	3.73	3.75	4.05	2.00	2.70	2.00	2.44
Down	ENSMUSG00000036083	-2.83	4.00E-05	Slc17a3	protein_coding	4.11	4.34	4.37	4.65	2.25	2.93	2.62	2.93
Down	ENSMUSG00000027463	-3.70	4.03E-05	Slc52a3	protein_coding	3.38	3.03	3.65	3.08	2.00	2.34	2.00	2.24
Down	ENSMUSG00000049013	-2.49	4.03E-05	Prss48	protein_coding	3.56	3.11	3.70	2.00	2.00	2.44	2.00	2.25
Down	ENSMUSG00000019944	-1.07	4.05E-05	Rhoblb1	protein_coding	5.00	5.17	5.59	4.94	4.49	4.47	3.79	4.31
Down	ENSMUSG00000024565	-2.70	4.09E-05	Sall3	protein_coding	5.89	6.29	5.86	6.24	4.25	3.28	2.00	4.50
Up	ENSMUSG00000074793	1.19	4.10E-05	Hspa12b	protein_coding	4.18	3.97	4.27	4.63	5.19	4.89	5.59	5.43
Down	ENSMUSG00000031273	-2.08	4.16E-05	Hspa12b	protein_coding	4.07	4.05	5.42	4.98	2.47	3.34	3.13	3.74
Down	ENSMUSG00000095061	-2.26	4.20E-05	E030018B13Rik	protein_coding	3.10	3.57	3.65	3.45	2.25	2.00	2.24	3.06
Down	ENSMUSG00000042707	-2.00	4.20E-05	Dnal1	protein_coding	5.12	4.67	4.20	5.17	3.04	3.61	2.45	3.89
Down	ENSMUSG00000020788	-1.59	4.22E-05	Atp2a3	protein_coding	4.48	4.56	4.73	4.92	3.17	3.56	3.59	3.57
Down	ENSMUSG00000038893	-1.03	4.32E-05	Fam117a	protein_coding	5.55	5.12	5.35	5.63	4.70	4.68	3.83	4.74
Down	ENSMUSG00000091028	-3.60	4.41E-05	Gm10722	protein_coding	9.31	9.88	9.51	10.17	5.66	6.42	5.11	7.02
Down	ENSMUSG00000028369	-1.10	4.43E-05	Svep1	protein_coding	5.47	5.76	5.05	5.52	4.28	4.27	4.63	4.79
Down	ENSMUSG00000030125	-1.60	4.48E-05	Lrrc23	protein_coding	4.89	4.27	4.65	5.35	3.04	3.87	3.63	3.74
Down	ENSMUSG00000034584	-2.27	4.53E-05	Exph5	protein_coding	5.82	6.50	5.97	6.05	3.55	4.70	2.13	4.79
Down	ENSMUSG00000026946	-1.63	4.56E-05	Nmi	protein_coding	4.77	5.17	5.02	4.92	3.96	3.98	2.45	3.89
Down	ENSMUSG00000033777	-3.47	4.58E-05	Tlr13	protein_coding	4.62	3.11	4.43	4.15	2.00	2.00	2.00	2.62
Down	ENSMUSG00000071317	-1.77	4.63E-05	Bves	protein_coding	5.50	5.38	5.13	5.33	4.34	2.53	4.54	3.29
Down	ENSMUSG00000035403	-1.38	4.63E-05	Orb2	protein_coding	5.65	5.38	5.05	5.49	4.76	4.24	3.07	4.38
Down	ENSMUSG000000047090	-1.12	4.64E-05	Tmem198b	protein_coding	5.29	5.41	5.95	5.38	4.42	4.52	3.90	5.13
Down	ENSMUSG00000001020	-3.67											

Up	ENSMUSG00000028318	1.21	4.93E-05	Polr1e	protein_coding	4.95	5.02	5.19	5.14	5.95	6.56	6.38	5.66
Down	ENSMUSG00000020377	-2.58	4.95E-05	Ltc4s	protein_coding	3.86	3.57	3.93	4.55	3.45	2.34	2.00	2.12
Down	ENSMUSG00000034520	-1.67	4.97E-05	Gjc1	protein_coding	4.62	4.89	4.75	5.52	3.91	3.24	3.67	3.92
Down	ENSMUSG00000019232	-1.43	5.00E-05	Etnppl	protein_coding	6.85	6.84	6.27	5.46	5.30	5.24	5.27	4.63
Down	ENSMUSG00000026567	-1.70	5.01E-05	Adcy10	protein_coding	4.59	5.17	5.38	5.53	3.64	4.01	2.86	4.38
Down	ENSMUSG000000091844	-2.18	5.03E-05	Gm8251	protein_coding	4.75	4.44	4.93	5.31	3.55	2.62	2.71	3.85
Down	ENSMUSG000000195600	-2.36	5.14E-05	Adora2b	protein_coding	3.95	4.64	4.60	4.65	2.46	3.40	3.12	3.12
Down	ENSMUSG00000035473	-1.55	5.22E-05	Gaim	protein_coding	4.82	4.24	4.57	4.78	3.40	3.61	3.24	3.57
Down	ENSMUSG00000029735	-1.93	5.25E-05	Tpk1	protein_coding	4.11	4.61	4.95	4.91	3.69	3.11	2.00	3.74
Down	ENSMUSG00000049580	-2.74	5.26E-05	Tsku	protein_coding	3.86	3.88	2.84	3.78	2.00	2.44	2.24	2.99
Down	ENSMUSG00000029005	-2.00	5.28E-05	Draxin	protein_coding	4.15	4.27	4.20	4.45	2.82	2.34	3.13	3.39
Down	ENSMUSG00000002104	-5.78	5.32E-05	Rapsn	protein_coding	2.43	3.46	3.01	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000025038	-1.73	5.38E-05	Efhc2	protein_coding	4.36	4.27	4.30	4.91	3.17	3.28	3.13	3.44
Down	ENSMUSG00000034023	-1.78	5.43E-05	Fancd2	protein_coding	5.64	5.47	5.78	5.89	4.66	3.91	2.24	4.75
Down	ENSMUSG00000019952	-1.13	5.58E-05	Poc1b	protein_coding	5.94	6.07	6.32	6.30	5.49	4.74	4.13	5.67
Down	ENSMUSG00000032089	-1.12	5.60E-05	Il10ra	protein_coding	5.12	5.41	5.64	5.33	4.16	4.74	4.88	3.48
Down	ENSMUSG00000079418	-1.37	5.62E-05	Atg4a	protein_coding	4.36	4.79	5.27	5.31	3.89	3.84	3.83	3.95
Down	ENSMUSG00000047632	-1.26	5.71E-05	Fgfbp3	protein_coding	4.72	4.72	5.13	4.65	3.64	4.13	3.87	3.57
Down	ENSMUSG000000021871	-2.18	5.79E-05	Gm49342	protein_coding	4.59	4.84	5.15	5.09	2.26	3.65	2.63	3.99
Down	ENSMUSG00000050423	-2.95	6.05E-05	Pcp1r3g	protein_coding	5.17	5.41	5.38	5.09	2.65	2.00	4.19	2.44
Down	ENSMUSG00000074824	-1.59	6.08E-05	Rlican18	protein_coding	5.08	5.04	4.80	4.92	3.11	3.63	4.25	3.63
Down	ENSMUSG00000038304	-2.18	6.15E-05	Cd160	protein_coding	3.56	4.27	3.65	3.82	3.29	2.34	2.00	2.70
Down	ENSMUSG00000029595	-6.20	6.18E-05	Lhx5	protein_coding	3.44	2.43	3.23	3.33	2.00	2.00	2.00	2.00
Down	ENSMUSG00000024909	-1.04	6.22E-05	Efemp2	protein_coding	5.55	5.64	5.34	5.59	3.89	4.54	4.95	4.87
Down	ENSMUSG00000079001	-3.32	6.27E-05	4930404H24Rik	protein_coding	3.10	3.19	3.16	2.94	2.00	2.00	2.54	2.40
Down	ENSMUSG00000027510	-1.87	6.27E-05	Rbm38	protein_coding	4.51	4.20	3.84	4.45	3.29	3.11	2.13	3.34
Down	ENSMUSG00000028836	-1.91	6.33E-05	Slc30a2	protein_coding	4.82	4.72	4.24	4.70	2.57	2.44	4.05	4.70
Down	ENSMUSG00000020216	-1.87	6.38E-05	Jrsp1	protein_coding	4.51	4.58	4.68	4.70	2.66	2.98	2.63	4.17
Down	ENSMUSG00000035435	-1.54	6.43E-05	Abca17	protein_coding	4.87	4.82	4.78	4.63	3.35	3.38	3.00	4.25
Down	ENSMUSG00000049103	-3.35	6.45E-05	Ccr2	protein_coding	4.15	4.69	4.46	4.37	2.13	2.12	2.54	3.06
Down	ENSMUSG00000040919	-4.39	6.74E-05	4930505A04Rik	protein_coding	3.91	3.03	3.70	3.39	2.00	2.00	2.13	2.34
Down	ENSMUSG00000028339	-1.26	6.79E-05	Col15a1	protein_coding	4.93	5.00	5.45	5.35	3.69	3.77	4.19	4.70
Down	ENSMUSG00000031752	-1.59	6.82E-05	Il4l1	protein_coding	5.08	4.51	4.53	4.19	3.25	2.78	3.55	3.35
Down	ENSMUSG000000103258	-2.27	6.85E-05	Ilf55	protein_coding	3.99	3.92	3.23	2.13	2.92	3.82	2.71	2.78
Down	ENSMUSG00000027931	-1.91	6.89E-05	Npr1	protein_coding	4.39	4.53	5.35	5.24	2.97	3.22	3.13	4.20
Down	ENSMUSG00000074340	-1.56	6.96E-05	Ovgp1	protein_coding	4.72	4.01	4.85	4.28	3.81	2.98	3.07	3.48
Down	ENSMUSG00000114487	-5.51	7.07E-05	Gm49393	protein_coding	3.86	3.03	2.84	2.69	2.00	2.00	2.00	2.12
Down	ENSMUSG00000036545	-1.00	7.10E-05	Adams2	protein_coding	6.80	6.40	6.22	6.16	5.77	4.66	5.71	5.54
Down	ENSMUSG00000026547	-1.04	7.11E-05	Tagln2	protein_coding	5.06	5.23	5.38	4.92	4.76	3.84	4.10	4.25
Up	ENSMUSG00000074811	1.10	7.17E-05	Hps6	protein_coding	5.10	4.79	5.38	5.11	5.86	6.09	6.53	5.87
Down	ENSMUSG00000069378	-2.68	7.21E-05	Prdm6	protein_coding	3.72	4.05	3.01	4.19	2.82	2.44	2.00	2.54
Down	ENSMUSG00000015839	-1.02	7.27E-05	Nfe2l2	protein_coding	6.20	5.98	5.46	6.18	5.44	5.34	4.40	4.83
Down	ENSMUSG00000068114	-1.09	7.48E-05	Ccdc134	protein_coding	5.64	5.60	5.48	5.63	5.06	4.44	4.16	4.70
Down	ENSMUSG00000063681	-1.86	7.54E-05	Crb1	protein_coding	5.00	4.69	5.09	5.09	4.98	4.13	3.70	4.70
Up	ENSMUSG00000047953	1.66	7.58E-05	Gp5	protein_coding	3.38	3.97	3.97	3.74	5.55	4.19	5.07	5.35
Down	ENSMUSG00000060603	-1.12	7.76E-05	1110032F04Rik	protein_coding	5.80	5.97	5.64	5.53	4.95	3.65	5.10	4.88
Down	ENSMUSG00000027932	-5.12	7.89E-05	Icos	protein_coding	3.72	3.88	3.36	2.12	2.00	2.24	2.00	2.24
Up	ENSMUSG00000029314	1.22	7.89E-05	Gpai3	protein_coding	5.17	4.89	4.87	5.30	6.43	5.95	6.05	6.27
Down	ENSMUSG00000046317	-5.13	7.99E-05	BC107364	protein_coding	2.85	2.95	2.54	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000022667	-3.95	8.06E-05	Cd200r1	protein_coding	3.56	3.11	3.84	3.21	2.00	2.00	2.00	2.54
Down	ENSMUSG00000033826	-1.10	8.10E-05	Dnah8	protein_coding	5.74	6.11	5.83	6.33	5.04	5.24	4.35	5.28
Down	ENSMUSG00000029155	-1.95	8.24E-05	Spata18	protein_coding	3.77	4.34	4.52	5.58	3.29	2.98	3.24	3.57
Down	ENSMUSG00000086022	-1.65	8.38E-05	Rad51ap2	protein_coding	4.32	4.41	4.40	3.86	2.47	2.53	3.94	3.12
Down	ENSMUSG00000029530	-2.58	8.53E-05	Ccr9	protein_coding	5.17	5.04	4.40	4.67	2.13	2.00	2.93	4.05
Down	ENSMUSG00000034333	-1.23	8.59E-05	Zbed4	protein_coding	5.82	6.00	5.26	5.85	4.36	3.84	5.39	4.63
Down	ENSMUSG00000022906	-1.32	8.89E-05	Parp9	protein_coding	5.10	5.44	5.35	5.38	3.45	4.24	4.24	4.63
Down	ENSMUSG00000028609	-1.88	8.90E-05	Ush2a	protein_coding	5.70	5.59	5.32	5.77	2.98	4.43	4.43	4.61
Down	ENSMUSG00000033177	-2.39	8.98E-05	Tmprss7	protein_coding	4.29	5.14	4.57	4.25	3.17	3.13	3.23	3.23
Down	ENSMUSG0000006018	-2.15	8.99E-05	Alox5ap	protein_coding	4.95	4.86	4.54	4.65	2.16	2.92	2.13	3.06
Up	ENSMUSG00000020732	1.85	9.00E-05	Rab37	protein_coding	3.95	4.56	4.43	4.48	5.84	6.45	5.80	5.84
Down	ENSMUSG00000073975	-2.33	9.02E-05	Olfir50	protein_coding	4.42	5.30	4.91	4.67	2.00	3.28	3.63	3.29
Down	ENSMUSG00000074569	-1.89	9.03E-05	Gcnt7	protein_coding	3.38	3.63	4.01	3.45	2.37	2.98	2.24	2.85
Down	ENSMUSG00000092511	-1.10	9.05E-05	Gm20547	protein_coding	5.60	5.76	5.93	5.86	4.47	5.38	4.45	4.72
Down	ENSMUSG00000043873	-3.22	9.12E-05	Chi5	protein_coding	3.25	3.57	3.43	3.45	2.00	2.00	2.00	2.78
Down	ENSMUSG00000023484	-1.83	9.12E-05	Prph	protein_coding	3.56	4.69	4.09	3.98	2.47	3.38	2.93	2.92
Down	ENSMUSG00000070390	-1.86	9.15E-05	Nlrp1b	protein_coding	4.70	5.26	4.68	4.45	2.97	2.70	3.97	3.62
Down	ENSMUSG00000032807	-1.51	9.17E-05	Alox12b	protein_coding	5.41	5.15	5.50	4.94	2.74	4.44	4.22	5.11
Down	ENSMUSG00000048905	-1.14	9.17E-05	4930539E08Rik	protein_coding	5.26	5.83	5.72	5.94	4.16	4.42	4.71	4.24
Down	ENSMUSG00000019892	-1.03	9.36E-05	Lrric1	protein_coding	5.75	5.58	5.70	6.12	5.09	4.60	4.07	5.42
Down	ENSMUSG00000028599	-1.87	9.40E-05	Tnfrsf1b	protein_coding	5.24	4.86	4.17	4.67	3.77	2.62	2.63	3.99
Down	ENSMUSG00000038725	-1.65	9.47E-05	Pkhd111	protein_coding	5.50	5.96	5.72	5.35	3.35	4.78	3.19	4.88
Down	ENSMUSG00000056018	-2.95	9.49E-05	Ccdc7b	protein_coding	3.95	3.39	3.30	3.78	2.00	2.62	2.13	2.54
Down	ENSMUSG00000019804	-2.57	9.55E-05	Dsg4	protein_coding	4.54	4.50	4.64	4.60	2.13	3.86	3.23	3.23
Down	ENSMUSG00000079235	-1.05	9.55E-05	Ccdc13	protein_coding	5.48	5.80	5.98	5.64	6.08	5.64	4.43	4.92
Down	ENSMUSG00000035299	-1.21	9.57E-05	Mid1	protein_coding	5.41	6.12	5.83	6.18	4.59	4.99	4.33	5.24
Up	ENSMUSG00000033213	1.06	9.66E-05	Tmem266	protein_coding	5.08	5.25	4.52	5.40	6.56	6.03	5.56	5.95
Down	ENSMUSG00000036826	-2.61	9.71E-05	Igfr1	protein_coding	3.61	3.11	3.16	3.08	2.00	2.35	2.00	2.78
Down	ENSMUSG00000074847	-3.97	9.85E-05	Gm10775	protein_coding	3.18	3.39	3.65	2.77	2.00	2.44	2.00	2.00
Down	ENSMUSG00000042596	-2.38	9.89E-05	Tfap2d	protein_coding	3.91	4.24	3.60	4.25	2.00	2.70	2.35	3.29
Down	ENSMUSG00000017499	-2.21	9.89E-05	Cdc6	protein_coding	3.44	3.73	3.80	4.09	2.82	2.34	2.45	2.78
Down	ENSMUSG00000040584	-1.15	9.96E-05	Abcb1a	protein_coding	4.98	5.12	4.80	5.30	4.31	3.52	4.52	3.89
Down	ENSMUSG00000022952	-2.06	1.00E-04	Runx1	protein_coding	5.83	5.89	5.52	5.22	4.92	3.61	2.24	3.70
Down	ENSMUSG00000048572	-1.88	1.01E-04	Tmem252	protein_coding	5.24	5.55	4.20	4.53	3.64	3.94	2.63	3.50
Down	ENSMUSG00000109864	-2.44	1.02E-04	Eid3	protein_coding	3.56	2.86	4.01	3.39	2.00	2.70	2.79	2.00
Down	ENSMUSG00000049093	-4.39	1.04E-04	Il23r	protein_coding	3.61	4.13	2.64	3.39	2.00	2.24	2.00	2.24
Down	ENSMUSG00000017897	-1.64	1.04E-04	Eys2	protein_coding	5.00	5.28	5.04	4.72	4.13	4.13	3.24	4.31
Down	ENSMUSG00000032499	-1.11	1.05E-04	Mym1	protein_coding	5.44	5.36	5.43	5.57	3.89	4.51	4.30	5.02
Down	ENSM												

Down	ENSMUSG00000016995	-1.25	1.12E-04	Matn4	protein_coding	5.86	6.36	5.32	5.76	5.11	3.87	4.77	4.97
Up	ENSMUSG00000035946	3.45	1.13E-04	Gsx2	protein_coding	2.16	2.16	2.93	2.59	4.56	4.47	4.77	3.89
Down	ENSMUSG00000034164	-1.72	1.13E-04	Emid1	protein_coding	4.95	4.74	4.43	4.37	3.64	2.12	3.83	3.39
Down	ENSMUSG00000015880	-1.21	1.13E-04	Ncapg	protein_coding	5.21	5.50	5.69	5.84	3.73	4.22	5.00	4.79
Down	ENSMUSG00000056204	-1.20	1.13E-04	Ppgep1	protein_coding	6.46	6.17	5.87	5.69	6.36	4.24	4.77	5.03
Down	ENSMUSG00000072878	-4.16	1.14E-04	1700123L14Rik	protein_coding	2.30	3.52	3.54	2.94	2.00	2.00	2.00	2.34
Down	ENSMUSG00000037661	-2.36	1.14E-04	Gpr100	protein_coding	3.99	4.05	4.37	4.32	2.29	2.29	2.00	3.48
Down	ENSMUSG00000021835	-1.85	1.14E-04	Bmp4	protein_coding	4.57	4.20	4.43	4.55	3.23	2.34	2.93	3.78
Down	ENSMUSG00000036880	-1.24	1.17E-04	Acaa2	protein_coding	6.28	6.29	5.91	6.85	5.07	5.39	5.00	5.38
Down	ENSMUSG00000060176	-1.33	1.18E-04	Kif27	protein_coding	6.10	5.76	5.55	6.36	5.49	4.72	3.54	4.75
Down	ENSMUSG00000092086	-2.60	1.20E-04	Gm6793	protein_coding	3.10	3.11	3.16	3.27	2.13	2.53	2.13	2.24
Down	ENSMUSG00000018727	-2.14	1.20E-04	Cpsf4l	protein_coding	3.31	4.05	4.05	3.45	3.40	2.98	2.00	2.12
Down	ENSMUSG00000006724	-2.12	1.23E-04	Cyp27b1	protein_coding	3.25	3.88	3.97	3.98	2.66	2.53	2.35	2.99
Down	ENSMUSG00000020844	-1.46	1.23E-04	Nxn	protein_coding	6.46	6.57	6.00	6.53	4.88	5.48	3.50	5.60
Down	ENSMUSG00000050762	-5.37	1.24E-04	Prss27	protein_coding	2.94	2.95	2.42	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000079466	-2.75	1.24E-04	Prdm12	protein_coding	4.45	4.47	4.24	4.85	2.25	2.70	2.63	3.29
Down	ENSMUSG00000051354	-2.52	1.24E-04	Samd3	protein_coding	4.32	3.97	4.20	4.31	2.00	3.22	2.00	2.00
Down	ENSMUSG00000074825	-1.97	1.24E-04	Itprl1	protein_coding	4.39	4.67	4.80	5.09	2.66	3.38	3.24	3.74
Down	ENSMUSG00000031980	-1.74	1.24E-04	Ag1	protein_coding	5.81	5.92	5.92	6.06	4.06	4.37	3.35	5.20
Down	ENSMUSG00000029286	-3.33	1.25E-04	Enam	protein_coding	4.03	4.20	4.49	4.49	2.25	2.34	2.00	3.17
Down	ENSMUSG00000042501	-2.97	1.25E-04	Cpa6	protein_coding	4.62	4.84	4.34	4.50	2.70	3.00	2.70	3.00
Down	ENSMUSG00000060084	-5.91	1.26E-04	Olfir148	protein_coding	3.44	3.63	3.09	3.45	2.00	2.00	2.00	2.12
Down	ENSMUSG00000074619	-4.62	1.26E-04	1700034I23Rik	protein_coding	2.54	2.95	3.43	3.27	2.00	2.00	2.00	2.24
Down	ENSMUSG00000019848	-1.47	1.26E-04	Popdc3	protein_coding	5.28	5.38	4.57	5.14	3.96	3.38	4.40	3.74
Down	ENSMUSG00000046879	-1.17	1.26E-04	Irgm1	protein_coding	5.15	5.59	5.52	5.12	4.52	4.27	3.83	4.68
Down	ENSMUSG00000034833	-2.32	1.28E-04	Tespa1	protein_coding	4.18	3.97	4.80	4.58	2.97	2.85	2.79	2.99
Down	ENSMUSG00000038146	-1.14	1.29E-04	Notch3	protein_coding	5.00	5.21	5.69	5.42	3.96	4.01	4.04	5.13
Down	ENSMUSG00000049372	-3.92	1.30E-04	Olfir1183	protein_coding	4.84	4.44	4.52	4.91	2.00	2.62	2.00	2.92
Down	ENSMUSG00000075307	-3.76	1.30E-04	Klh41	protein_coding	3.10	2.95	3.65	3.55	2.00	2.00	2.00	2.54
Down	ENSMUSG00000042282	-2.63	1.30E-04	Gucy2f	protein_coding	4.36	4.41	4.49	4.58	2.66	2.78	2.00	3.39
Down	ENSMUSG00000057058	-1.81	1.30E-04	Skap1	protein_coding	5.10	5.21	5.22	4.87	3.60	3.43	3.35	4.14
Down	ENSMUSG00000035021	-1.05	1.31E-04	Baz1a	protein_coding	4.89	5.25	5.19	5.41	3.81	4.37	3.63	4.98
Down	ENSMUSG00000047990	-2.68	1.32E-04	C22orf44	protein_coding	3.72	3.57	3.57	3.45	2.70	2.53	2.24	2.62
Down	ENSMUSG00000054598	-2.40	1.32E-04	913020L23Rik	protein_coding	4.20	4.20	4.01	4.98	2.74	3.03	3.06	3.06
Down	ENSMUSG00000000216	-3.61	1.33E-04	Scmn1g	protein_coding	4.32	3.73	3.36	4.05	2.00	2.12	2.24	2.70
Down	ENSMUSG00000071547	-1.66	1.33E-04	Nl5dc2	protein_coding	5.36	5.14	5.14	5.42	4.68	2.70	3.97	4.23
Down	ENSMUSG00000098715	-5.18	1.34E-04	Gm28053	protein_coding	3.31	3.03	2.84	2.77	2.00	2.00	2.13	2.00
Down	ENSMUSG00000056824	-3.64	1.34E-04	Zfp663	protein_coding	3.44	3.26	3.43	3.60	2.00	2.24	2.44	2.44
Down	ENSMUSG00000029994	-1.55	1.34E-04	Anxa4	protein_coding	4.54	5.21	4.87	4.89	3.35	2.98	4.13	3.95
Down	ENSMUSG00000068587	-1.96	1.35E-04	Mgam	protein_coding	5.69	5.74	5.95	5.63	3.64	4.60	3.54	4.25
Down	ENSMUSG00000030798	-2.53	1.36E-04	Cd37	protein_coding	4.32	4.34	4.17	4.12	3.17	2.00	2.13	3.17
Down	ENSMUSG00000037469	-2.00	1.36E-04	Acp7	protein_coding	3.81	4.37	4.46	4.42	2.93	2.98	2.93	3.53
Down	ENSMUSG00000025504	-1.73	1.36E-04	Eps8l2	protein_coding	5.26	4.72	4.80	5.22	2.82	4.30	2.86	4.02
Down	ENSMUSG00000037375	-1.23	1.36E-04	Hhat	protein_coding	4.67	4.95	4.73	5.02	3.96	3.80	3.30	4.25
Down	ENSMUSG00000018604	-1.65	1.37E-04	Tbx3	protein_coding	4.29	3.88	4.34	4.42	3.55	2.78	2.54	3.44
Down	ENSMUSG00000060445	-1.25	1.38E-04	Sycp2	protein_coding	4.29	4.64	4.63	4.58	4.16	2.70	3.07	3.99
Down	ENSMUSG00000114432	-3.77	1.40E-04	Gm49391	protein_coding	4.72	4.37	3.84	3.78	2.00	2.00	3.06	2.00
Up	ENSMUSG00000092094	1.19	1.42E-04	Zfp804b	protein_coding	4.18	5.17	4.80	5.24	5.66	5.91	5.89	6.38
Down	ENSMUSG00000044957	-2.27	1.43E-04	Pp2d1	protein_coding	3.56	3.19	3.54	3.33	2.74	2.00	2.54	2.34
Down	ENSMUSG00000050621	-1.92	1.43E-04	Rps27rt	protein_coding	3.10	3.03	2.93	3.45	2.47	2.24	2.54	2.34
Down	ENSMUSG00000028862	-1.23	1.43E-04	Map3k6	protein_coding	5.08	5.02	5.22	5.27	4.47	3.65	3.45	4.59
Up	ENSMUSG00000024430	1.03	1.44E-04	Cabyr	protein_coding	5.53	5.77	5.27	5.50	5.59	7.27	6.31	6.27
Down	ENSMUSG00000015652	-4.26	1.44E-04	Steap1	protein_coding	3.38	3.19	3.09	3.98	2.00	2.24	2.00	2.24
Down	ENSMUSG00000024206	-1.91	1.44E-04	Rfx2	protein_coding	5.53	5.23	4.82	5.12	3.89	2.70	2.35	4.61
Down	ENSMUSG00000020200	-2.63	1.45E-04	Usp44	protein_coding	3.38	3.68	3.49	3.78	2.57	2.62	2.13	2.24
Down	ENSMUSG0000001225	-2.47	1.45E-04	Slc26a3	protein_coding	3.67	4.09	4.20	4.74	2.74	2.53	2.45	3.12
Down	ENSMUSG00000023336	-2.85	1.46E-04	Wfdc1	protein_coding	3.91	3.97	3.84	3.23	2.34	2.34	2.00	4.28
Down	ENSMUSG00000033053	-2.15	1.46E-04	1700028P14Rik	protein_coding	3.72	4.31	3.16	2.66	2.62	2.62	2.86	2.70
Down	ENSMUSG00000044122	-1.59	1.46E-04	Procr1	protein_coding	4.98	4.93	4.58	5.38	4.03	2.70	4.61	3.66
Down	ENSMUSG00000049999	-1.15	1.46E-04	Ppp1r3d	protein_coding	4.84	5.06	5.55	5.20	4.66	3.84	4.54	3.57
Down	ENSMUSG00000047025	-4.53	1.48E-04	Cscr1	protein_coding	4.32	3.63	3.09	3.09	2.00	2.24	2.00	2.34
Down	ENSMUSG00000028480	-1.94	1.48E-04	Glipr2	protein_coding	4.84	4.17	4.82	4.02	3.73	3.28	2.00	3.12
Down	ENSMUSG00000033268	-1.43	1.48E-04	Duox1	protein_coding	4.32	3.83	4.01	4.48	2.57	3.61	3.24	3.23
Down	ENSMUSG00000025877	-1.70	1.49E-04	Hk3	protein_coding	4.07	4.05	3.89	3.82	2.66	2.85	2.45	3.48
Down	ENSMUSG00000071551	-3.21	1.52E-04	Akr1c19	protein_coding	3.61	4.13	3.93	4.19	2.37	2.24	2.13	2.78
Down	ENSMUSG00000029096	-1.29	1.52E-04	Htra3	protein_coding	4.54	5.14	5.26	4.82	4.13	3.61	4.13	3.74
Down	ENSMUSG00000029027	-1.04	1.52E-04	Dffb	protein_coding	4.80	5.40	5.89	5.04	4.47	4.74	4.24	4.25
Down	ENSMUSG00000038872	-1.03	1.55E-04	Zfx3	protein_coding	7.62	7.77	5.83	7.79	6.01	7.15	6.01	7.29
Down	ENSMUSG00000089943	-1.78	1.56E-04	Ugt1a5	protein_coding	5.23	5.15	5.35	5.22	3.50	4.44	3.24	3.66
Up	ENSMUSG00000035223	1.32	1.57E-04	Hhat	protein_coding	4.70	5.43	4.82	6.28	5.98	6.82	6.18	6.18
Down	ENSMUSG00000047227	-1.08	1.63E-04	Gm527	protein_coding	5.55	5.50	5.88	5.82	4.16	5.36	4.71	4.43
Down	ENSMUSG00000025058	-5.39	1.66E-04	5430427O19Rik	protein_coding	3.50	3.73	3.43	3.50	2.00	2.00	2.00	2.24
Down	ENSMUSG00000049221	-2.13	1.69E-04	Rass9f	protein_coding	4.84	5.23	4.30	4.62	3.96	3.43	3.62	3.62
Down	ENSMUSG00000032113	-2.01	1.69E-04	Chk1	protein_coding	4.22	4.72	4.57	5.00	3.81	3.28	2.00	3.06
Down	ENSMUSG00000075480	-2.01	1.70E-04	Gm10840	protein_coding	4.65	4.24	4.34	4.37	3.89	3.11	2.00	2.54
Down	ENSMUSG00000074564	-2.98	1.71E-04	Gm10720	protein_coding	6.19	6.88	6.71	7.25	3.45	4.22	2.79	5.10
Down	ENSMUSG00000039672	-3.36	1.76E-04	Kcne2	protein_coding	5.68	2.66	2.42	6.27	2.82	2.98	2.93	2.44
Down	ENSMUSG00000018170	-1.24	1.76E-04	Ltbp1	protein_coding	5.58	5.76	6.17	5.98	3.55	4.24	5.13	5.47
Down	ENSMUSG00000022996	-3.15	1.77E-04	Wnt10b	protein_coding	3.50	2.43	4.09	3.08	2.47	2.00	2.00	2.44
Down	ENSMUSG00000028036	-2.60	1.78E-04	Ptgrf	protein_coding	3.81	4.47	4.20	4.76	2.13	2.70	2.13	3.53
Down	ENSMUSG00000031712	-2.58	1.78E-04	Il15	protein_coding	3.72	3.57	4.40	4.12	2.13	2.78	2.00	3.12
Down	ENSMUSG00000010136	-2.27	1.79E-04	Pifo	protein_coding	4.15	4.47	3.97	4.34	2.37	2.78	3.40	2.54
Down	ENSMUSG00000049154	-1.40	1.81E-04	Fam183b	protein_coding	4.84	4.67	4.37	4.31	3.55	3.38	3.07	3.92
Down	ENSMUSG00000037801	-2.05	1.82E-04	lqch	protein_coding	3.44	5.12	4.91	5.14	2.97	3.05	2.45	4.11
Down	ENSMUSG00000096141	-1.38	1.85E-04	Dnah7a	protein_coding	5.41	6.00	6.00	6.02	4.99	4.66	3.35	5.05
Down	ENSMUSG00000024677	-2.79	1.86E-04	Ms4a6b	protein_coding	4.22	4.79	3.89	3.65	2.00	2.53	2.45	3.17
Down	ENSMUSG00000061802	-1.94	1.89E-04	Armc4	protein_coding	4.29	4.05	4.05	4.70	2.57	3.11	3.07	3.24
Down													

Down	ENSMUSG00000031382	-2.31	1.94E-04	Asb11	protein_coding	4.11	3.83	4.65	4.60	2.00	2.44	3.45	3.12
Down	ENSMUSG00000043925	-3.10	1.95E-04	Olfr544	protein_coding	3.44	2.66	3.93	3.86	2.00	2.00	2.00	2.92
Down	ENSMUSG00000006235	-1.78	1.95E-04	Epor	protein_coding	3.67	4.31	4.73	4.28	3.67	3.00	2.35	3.57
Down	ENSMUSG00000008964	-5.54	1.97E-04	Nat8f7	protein_coding	3.10	3.03	2.42	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000015133	-1.13	1.97E-04	Lrrk1	protein_coding	4.70	5.38	5.53	5.44	4.74	4.16	3.50	4.63
Up	ENSMUSG00000004152	1.21	2.06E-04	Tlbs1	protein_coding	3.72	4.53	4.82	4.96	5.44	5.98	5.65	5.44
Down	ENSMUSG00000001929	-2.17	2.06E-04	Gm266	protein_coding	3.10	3.19	3.93	3.85	2.37	2.78	2.00	2.70
Down	ENSMUSG00000007319	-1.96	2.09E-04	Speer4a	protein_coding	3.56	4.27	4.46	4.34	3.40	3.40	2.53	2.54
Down	ENSMUSG00000028017	-1.05	2.10E-04	Egf	protein_coding	5.28	5.17	5.24	5.16	4.19	4.62	3.45	4.70
Down	ENSMUSG000000094622	-1.03	2.10E-04	Gm3055	protein_coding	5.55	5.21	5.32	5.60	4.49	4.72	3.97	4.81
Down	ENSMUSG00000004842	-3.88	2.11E-04	Pou1f1	protein_coding	3.77	4.50	4.05	4.45	2.00	2.00	2.00	2.99
Down	ENSMUSG000000094338	-2.47	2.11E-04	Hist1h2bl	protein_coding	3.44	2.76	3.23	2.86	2.13	2.00	2.45	2.44
Down	ENSMUSG000000026831	-2.07	2.12E-04	1700007K13Rik	protein_coding	4.51	4.05	3.75	4.80	3.29	3.33	2.00	2.92
Down	ENSMUSG000000096169	-1.96	2.12E-04	Olfr1564	protein_coding	3.31	4.09	4.91	4.42	3.23	3.22	2.45	2.99
Down	ENSMUSG000000035459	-1.52	2.12E-04	Stab2	protein_coding	5.64	5.47	5.32	5.71	3.55	4.62	3.45	4.81
Down	ENSMUSG000000079022	-1.40	2.15E-04	Col22a1	protein_coding	4.80	5.84	5.63	5.73	4.28	4.64	3.87	4.46
Down	ENSMUSG000000021228	-1.21	2.16E-04	Aco13	protein_coding	5.04	5.14	5.05	5.34	3.81	3.73	4.50	4.36
Down	ENSMUSG000000075569	-1.14	2.16E-04	RspH10b	protein_coding	5.28	5.47	5.38	5.64	5.04	3.47	3.94	4.87
Down	ENSMUSG000000048191	-1.00	2.16E-04	Muc6	protein_coding	4.57	5.26	4.68	5.25	4.19	3.94	4.47	3.92
Down	ENSMUSG000000044583	-2.11	2.19E-04	Trf7	protein_coding	4.65	3.83	4.89	4.96	2.00	3.43	3.45	3.29
Down	ENSMUSG000000049608	-1.93	2.19E-04	Gpr55	protein_coding	3.86	4.09	3.86	4.50	3.17	2.00	3.39	3.39
Down	ENSMUSG000000020467	-1.42	2.19E-04	Efemp1	protein_coding	4.89	4.84	5.35	5.58	4.19	3.05	3.54	4.75
Up	ENSMUSG00000004703	1.20	2.23E-04	Cyp2s1	protein_coding	4.29	4.50	4.17	4.65	5.58	5.81	5.52	5.10
Down	ENSMUSG000000026931	-3.96	2.23E-04	1700019N19Rik	protein_coding	3.10	3.39	3.54	3.01	2.13	2.00	2.00	2.34
Down	ENSMUSG000000115020	-1.78	2.28E-04	Vmn1r218	protein_coding	4.22	4.67	4.22	4.92	3.23	3.05	3.63	3.34
Down	ENSMUSG000000038745	-3.55	2.29E-04	Nlrp6	protein_coding	4.07	3.57	4.09	4.42	2.13	2.00	2.63	2.54
Down	ENSMUSG000000056130	-3.21	2.30E-04	Ticam2	protein_coding	3.81	4.79	5.04	4.19	2.00	2.78	2.00	3.23
Down	ENSMUSG000000022901	-2.83	2.31E-04	Cd86	protein_coding	3.95	4.20	4.54	4.34	2.00	3.38	2.00	2.62
Down	ENSMUSG000000030111	-1.94	2.31E-04	A2m	protein_coding	5.70	5.17	5.19	5.37	4.10	2.98	3.54	4.20
Down	ENSMUSG000000003545	-1.04	2.32E-04	Fosb	protein_coding	5.82	5.98	5.98	5.97	4.86	5.21	4.47	5.28
Down	ENSMUSG000000079018	-2.08	2.34E-04	Ly6c1	protein_coding	4.80	4.89	4.43	4.22	2.74	3.87	2.35	3.12
Down	ENSMUSG000000068299	-1.34	2.35E-04	Nat8f4	protein_coding	5.89	6.57	5.78	6.25	4.25	5.67	4.47	4.90
Down	ENSMUSG000000017765	-1.06	2.35E-04	Slc12a4	protein_coding	5.55	5.93	6.05	6.54	4.54	5.17	4.30	4.30
Down	ENSMUSG000000064366	-4.63	2.37E-04	mt-Atp8	protein_coding	5.64	2.37	2.64	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG000000072663	-1.42	2.37E-04	Spef2	protein_coding	5.45	5.70	5.55	6.06	5.30	3.61	3.35	4.74
Up	ENSMUSG000000024697	1.78	2.38E-04	Gna14	protein_coding	3.50	3.03	3.36	3.86	4.94	4.47	4.85	5.00
Down	ENSMUSG000000048865	-1.72	2.38E-04	Arhgap30	protein_coding	5.17	5.21	5.42	5.37	4.10	4.10	2.54	4.23
Down	ENSMUSG000000028813	-1.86	2.41E-04	CK137956	protein_coding	4.15	4.31	3.54	4.60	3.50	2.70	2.54	3.06
Down	ENSMUSG000000036395	-1.79	2.41E-04	Gilb12	protein_coding	4.75	4.95	4.89	5.44	2.13	4.47	3.24	3.70
Down	ENSMUSG000000054545	-1.58	2.41E-04	Ugt1a6a	protein_coding	5.60	5.49	5.50	5.64	4.22	4.87	3.40	3.92
Down	ENSMUSG000000090124	-1.66	2.42E-04	Ugt1a7c	protein_coding	5.78	5.38	5.49	5.70	3.89	4.70	3.67	4.20
Down	ENSMUSG000000047986	-1.70	2.43E-04	Palm3	protein_coding	4.62	5.21	4.78	5.00	4.07	4.07	3.59	3.44
Down	ENSMUSG000000027456	-1.17	2.43E-04	Sdcbp2	protein_coding	4.70	5.23	4.49	4.50	4.06	3.77	3.97	3.48
Down	ENSMUSG000000044948	-1.11	2.43E-04	Cfap43	protein_coding	5.98	5.71	5.72	5.94	4.61	4.58	4.33	5.52
Down	ENSMUSG000000060508	-3.10	2.44E-04	Nlrp9b	protein_coding	3.86	3.68	3.54	3.86	2.25	2.44	2.00	2.62
Up	ENSMUSG000000062694	2.89	2.50E-04	Cav3	protein_coding	2.65	3.26	2.00	2.66	4.26	4.89	5.40	4.17
Down	ENSMUSG000000035288	-2.45	2.50E-04	Sfrs8	protein_coding	4.36	3.78	4.20	3.17	2.34	2.34	2.99	2.99
Down	ENSMUSG000000022749	-2.38	2.50E-04	Tmc1	protein_coding	3.67	4.72	4.75	5.24	3.29	2.62	2.54	3.48
Down	ENSMUSG000000022464	-2.33	2.50E-04	Slc38a4	protein_coding	4.36	4.79	4.49	4.98	3.17	3.43	3.00	3.23
Down	ENSMUSG00000016918	-2.16	2.51E-04	Sulf1	protein_coding	6.80	6.20	6.17	6.93	5.42	3.69	2.45	5.17
Down	ENSMUSG000000039518	-3.08	2.52E-04	Cdsn	protein_coding	3.18	3.88	3.70	2.86	2.37	2.00	2.00	2.62
Down	ENSMUSG000000074872	-1.15	2.52E-04	Cbx2	protein_coding	5.12	5.50	4.93	5.45	4.34	4.94	3.79	3.78
Down	ENSMUSG000000040838	-1.24	2.53E-04	Gm11639	protein_coding	6.24	6.31	6.35	6.43	3.69	5.70	4.73	5.76
Down	ENSMUSG000000039109	-1.80	2.55E-04	F13a1	protein_coding	5.29	4.89	5.15	4.82	4.13	4.47	2.24	3.39
Down	ENSMUSG000000047143	-2.48	2.64E-04	Dmrt2	protein_coding	2.00	4.67	3.88	4.52	4.09	3.06	2.35	2.70
Down	ENSMUSG000000056481	-1.78	2.64E-04	Cd248	protein_coding	4.67	3.78	4.54	4.28	3.81	2.24	2.93	3.17
Down	ENSMUSG000000027896	-3.01	2.66E-04	Slc16a4	protein_coding	4.32	4.79	4.87	4.53	2.00	2.62	2.00	3.62
Down	ENSMUSG000000073599	-1.94	2.69E-04	Ecscr	protein_coding	4.32	4.67	4.34	4.30	3.43	3.35	3.06	3.06
Down	ENSMUSG000000110576	-4.05	2.70E-04	Gm36368	protein_coding	3.50	2.55	3.09	3.08	2.00	2.00	2.00	2.34
Down	ENSMUSG000000027684	-1.50	2.72E-04	Mecom	protein_coding	4.91	5.67	5.81	5.38	3.96	3.28	4.14	4.14
Down	ENSMUSG000000079061	-4.96	2.79E-04	Gm11042	protein_coding	2.54	2.55	2.64	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG000000007039	-2.28	2.82E-04	Sult5a1	protein_coding	3.61	4.01	4.43	3.39	2.37	2.98	2.54	2.62
Down	ENSMUSG000000066797	-2.24	2.84E-04	Zfp648	protein_coding	3.02	4.09	3.43	3.27	2.47	2.12	2.71	2.54
Down	ENSMUSG000000046618	-1.41	2.87E-04	Ofml2a	protein_coding	4.29	4.79	4.13	4.28	3.29	2.78	3.79	3.62
Down	ENSMUSG000000020186	-1.15	2.87E-04	Crsp2	protein_coding	5.24	5.02	4.85	5.31	3.89	3.52	4.85	4.03
Up	ENSMUSG000000050394	1.20	2.88E-04	Armxc6	protein_coding	4.89	4.58	4.63	4.70	5.71	5.96	5.41	5.92
Down	ENSMUSG000000022510	-1.94	2.89E-04	Trp63	protein_coding	5.02	5.35	5.00	5.72	2.57	4.22	3.79	3.85
Down	ENSMUSG000000037016	-1.20	2.89E-04	Frem2	protein_coding	5.64	5.64	5.56	5.90	4.68	4.13	5.38	5.38
Down	ENSMUSG000000051727	-2.58	2.91E-04	Kctd14	protein_coding	4.45	3.92	4.85	4.70	2.00	2.98	2.79	3.29
Down	ENSMUSG000000010841	-2.89	2.97E-04	Cfap97d1	protein_coding	2.94	3.68	2.93	3.27	2.44	2.44	2.00	2.00
Down	ENSMUSG000000022715	-2.90	2.98E-04	Tmem114	protein_coding	4.32	4.67	4.46	4.39	2.00	2.00	2.71	3.39
Down	ENSMUSG000000054690	-2.39	2.98E-04	Ercn	protein_coding	4.15	4.67	4.75	4.42	3.73	2.92	2.00	2.54
Down	ENSMUSG000000027360	-2.50	3.01E-04	Hdc	protein_coding	4.59	4.82	4.85	4.80	3.23	3.47	2.99	2.99
Down	ENSMUSG000000034384	-1.11	3.02E-04	Beth2	protein_coding	3.56	2.95	3.01	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG000000040616	-1.77	3.02E-04	Tmem51	protein_coding	4.54	4.24	4.24	4.34	3.17	3.73	2.86	2.92
Down	ENSMUSG000000031323	-1.81	3.04E-04	Dmrtc1a	protein_coding	4.03	3.83	4.63	4.53	2.25	2.78	3.07	3.78
Down	ENSMUSG000000035179	-2.00	3.13E-04	Ppp1r32	protein_coding	4.32	4.09	3.49	3.69	2.13	3.11	3.00	2.62
Down	ENSMUSG000000096753	-4.31	3.14E-04	Fam181a	protein_coding	2.65	2.55	3.65	3.69	2.00	2.00	2.00	2.34
Down	ENSMUSG000000028270	-2.80	3.14E-04	Gbp2	protein_coding	4.18	4.01	4.09	3.94	2.47	2.44	2.00	3.06
Down	ENSMUSG000000078439	-2.50	3.20E-04	Smim24	protein_coding	3.77	3.57	3.49	3.39	2.57	2.00	2.00	2.92
Up	ENSMUSG000000005124	1.10	3.21E-04	Ccn4	protein_coding	3.81	4.17	3.60	4.28	4.59	4.64	5.33	4.85
Down	ENSMUSG000000029826	-2.31	3.23E-04	Zc3hav1	protein_coding	5.57	5.38	5.83	5.73	4.28	3.69	2.00	4.05
Down	ENSMUSG000000036962	-1.98	3.23E-04	Cfap221	protein_coding	4.15	4.20	3.93	3.74	3.05	3.13	2.62	2.62
Down	ENSMUSG000000036768	-1.67	3.24E-04	Kif15	protein_coding	4.87	4.91	5.52	5.27	3.50	4.13	2.71	4.36
Up	ENSMUSG000000023031	1.39	3.26E-04	Cela1	protein_coding	3.44	4.05	3.16	4.02	4.59	4.58	4.85	5.13
Down	ENSMUSG000000032231	-1.20	3.26E-04	Anxa2	protein_coding	5.08	5.44	4.93	5.00	3.77	3.80	3.90	4.77
Down	ENSMUSG000000026065	-1.12	3.29E-04	Cenpf	protein_coding	5.75							

Down	ENSMUSG00000073945	-5.61	3.32E-04	Olf1f18	protein_coding	2.85	2.76	2.74	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000019838	-1.15	3.32E-04	Sic16a10	protein_coding	5.26	5.10	5.42	5.46	3.17	4.40	4.67	4.63
Down	ENSMUSG00000037440	-5.38	3.34E-04	Vnn1	protein_coding	3.18	2.00	3.23	3.82	2.00	2.00	2.00	2.24
Down	ENSMUSG000000051503	-4.51	3.35E-04	Gm6583	protein_coding	2.75	2.95	2.93	3.39	2.00	2.12	2.00	2.12
Down	ENSMUSG000000042988	-3.02	3.35E-04	Notum	protein_coding	2.94	3.03	3.49	3.65	2.00	2.34	2.00	2.54
Down	ENSMUSG000000033107	-1.80	3.37E-04	Rnf125	protein_coding	3.91	4.05	3.93	4.02	2.90	3.17	2.63	2.78
Down	ENSMUSG000000049799	-2.09	3.38E-04	Linc19	protein_coding	3.18	3.61	3.49	3.98	2.00	2.00	2.00	2.99
Down	ENSMUSG000000098687	-4.53	3.39E-04	Gm20594	protein_coding	2.43	2.43	2.64	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG000000061188	-4.56	3.45E-04	Cxcl17	protein_coding	2.54	2.86	3.54	3.08	2.00	2.00	2.00	2.24
Down	ENSMUSG000000033220	-3.38	3.45E-04	Rac2	protein_coding	3.95	4.31	4.17	3.94	2.00	2.00	2.00	3.17
Down	ENSMUSG000000042417	-2.50	3.45E-04	Ccno	protein_coding	3.95	4.05	3.70	3.60	2.37	2.44	2.13	3.06
Down	ENSMUSG000000091006	-2.41	3.45E-04	Vmn2r69	protein_coding	4.51	4.89	4.80	4.48	3.35	2.53	3.30	2.70
Down	ENSMUSG000000029204	-2.17	3.45E-04	Rhoc	protein_coding	4.36	4.77	5.04	4.70	2.82	2.12	2.71	4.17
Down	ENSMUSG000000009097	-3.44	3.46E-04	Tbx1	protein_coding	3.72	3.39	3.30	3.33	2.13	2.44	2.00	2.24
Down	ENSMUSG000000039977	-1.92	3.50E-04	Deup1	protein_coding	4.18	4.17	3.65	4.19	2.82	3.33	2.45	2.78
Down	ENSMUSG000000031274	-2.04	3.55E-04	Col4a5	protein_coding	4.65	4.61	5.05	5.11	3.69	3.22	2.00	3.85
Down	ENSMUSG000000027994	-1.56	3.57E-04	Mcub	protein_coding	5.47	4.67	4.63	4.67	3.64	4.04	3.30	3.85
Down	ENSMUSG000000021765	-1.85	3.59E-04	Fst	protein_coding	4.15	4.56	4.43	4.25	2.74	2.62	2.86	3.81
Down	ENSMUSG000000049537	-4.70	3.62E-04	Teor1	protein_coding	3.10	3.63	3.16	4.63	2.37	2.00	2.00	2.12
Down	ENSMUSG000000071001	-2.73	3.64E-04	Hrc11	protein_coding	3.31	2.95	2.64	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG000000022429	-2.69	3.64E-04	Dms1	protein_coding	4.26	3.73	3.09	3.21	2.57	2.12	2.00	2.78
Down	ENSMUSG000000061048	-2.12	3.64E-04	Cdh3	protein_coding	3.91	4.13	4.01	3.39	2.74	2.85	2.35	2.78
Down	ENSMUSG000000050377	-1.73	3.64E-04	Il31ra	protein_coding	4.67	3.97	5.00	4.96	3.29	3.39	3.19	3.85
Down	ENSMUSG000000018920	-1.91	3.65E-04	Cxcl16	protein_coding	4.39	4.47	3.89	4.39	2.74	3.84	2.00	2.92
Down	ENSMUSG000000030693	-2.65	3.69E-04	Klk10	protein_coding	3.72	4.27	3.89	4.02	2.00	3.33	2.13	2.34
Down	ENSMUSG000000026650	-2.45	3.71E-04	Meig1	protein_coding	4.67	4.27	4.57	4.92	2.47	2.98	2.00	3.78
Down	ENSMUSG000000028589	-6.37	3.78E-04	1700012P22Rik	protein_coding	3.38	2.66	3.36	3.50	2.00	2.00	2.00	2.00
Down	ENSMUSG000000028970	-1.18	3.81E-04	Abcb1b	protein_coding	5.70	5.71	6.02	5.81	4.66	5.51	3.59	4.66
Down	ENSMUSG000000008845	-1.87	3.83E-04	Cd163	protein_coding	5.00	5.02	5.07	4.65	2.13	3.94	3.63	3.70
Down	ENSMUSG000000020388	-1.74	3.85E-04	Pdim4	protein_coding	4.80	5.10	4.52	5.41	2.25	4.37	2.79	4.04
Down	ENSMUSG000000057503	-4.22	3.91E-04	Olf1r1459	protein_coding	3.61	4.31	3.30	3.86	2.00	2.44	2.00	2.28
Down	ENSMUSG000000049872	-1.08	3.92E-04	Calhm5	protein_coding	5.68	5.87	5.78	5.53	3.96	5.37	4.79	4.55
Down	ENSMUSG000000048766	-6.31	3.93E-04	Srsf110	protein_coding	3.25	4.01	3.30	3.20	2.00	2.12	2.00	2.12
Down	ENSMUSG000000027331	2.04	3.93E-04	Kns3r	protein_coding	4.42	4.86	4.24	4.87	2.79	3.73	2.79	3.95
Down	ENSMUSG000000073968	-1.26	3.95E-04	Trim68	protein_coding	4.84	4.97	4.49	5.16	3.60	3.69	4.22	3.92
Down	ENSMUSG000000045555	-1.52	3.97E-04	Mettl24	protein_coding	3.95	4.05	4.54	4.65	2.74	3.87	2.86	3.29
Up	ENSMUSG000000015247	1.14	3.99E-04	Nipsnap3b	protein_coding	5.24	5.56	5.45	5.94	6.65	6.43	6.79	6.71
Down	ENSMUSG000000041301	-1.73	4.00E-04	Ctr	protein_coding	4.11	4.37	4.85	4.87	3.04	3.05	3.13	3.89
Down	ENSMUSG000000026814	-1.65	4.01E-04	Eng	protein_coding	5.13	5.35	5.17	4.70	2.00	3.77	4.38	4.02
Down	ENSMUSG000000036459	-1.76	4.05E-04	Wtip	protein_coding	4.42	3.63	4.75	4.53	2.90	3.52	2.00	3.70
Down	ENSMUSG000000005107	-2.02	4.07E-04	Sic2a9	protein_coding	4.98	4.93	5.26	5.17	2.13	3.17	4.19	3.81
Down	ENSMUSG000000035394	-1.85	4.07E-04	Cfap53	protein_coding	4.18	4.41	4.17	4.25	3.43	4.72	2.86	3.72
Down	ENSMUSG000000112160	-1.04	4.07E-04	BC024063	protein_coding	4.84	5.87	5.45	5.79	4.92	4.10	4.79	4.57
Down	ENSMUSG000000006649	-1.77	4.14E-04	Nphs1	protein_coding	4.32	3.83	4.54	4.28	3.11	4.15	3.35	2.92
Down	ENSMUSG000000034452	-1.77	4.15E-04	Sic24a1	protein_coding	4.07	3.88	4.73	4.25	3.17	2.92	2.24	3.66
Down	ENSMUSG000000041954	-1.03	4.15E-04	Trnfrf18	protein_coding	3.77	3.92	4.30	4.31	3.60	3.78	3.67	3.34
Up	ENSMUSG000000041901	1.20	4.19E-04	Phd3a3	protein_coding	5.86	5.40	5.77	6.05	7.23	6.03	6.86	7.27
Down	ENSMUSG000000068696	-1.84	4.19E-04	Gpr88	protein_coding	5.87	6.51	5.77	6.86	3.29	5.53	3.30	5.13
Down	ENSMUSG000000051262	-3.36	4.37E-04	Nat8f3	protein_coding	2.65	3.39	2.42	3.65	2.00	2.00	2.13	2.44
Down	ENSMUSG000000089272	-1.98	4.37E-04	Hist1h2ae	protein_coding	3.99	4.17	4.65	3.86	2.57	2.62	2.24	3.78
Down	ENSMUSG000000047031	-2.31	4.43E-04	Vmn1r68	protein_coding	4.77	4.95	5.07	4.97	3.47	3.47	3.35	2.44
Down	ENSMUSG000000020573	-1.73	4.43E-04	Pik3cg	protein_coding	5.33	5.14	5.02	5.63	4.34	3.87	2.00	4.31
Down	ENSMUSG000000031461	-1.86	4.44E-04	Myom2	protein_coding	4.62	4.64	4.27	4.85	2.97	3.69	2.54	3.57
Down	ENSMUSG000000055912	-1.08	4.45E-04	Tmem150a	protein_coding	4.77	4.50	4.91	5.22	4.49	3.47	3.59	4.23
Down	ENSMUSG000000024227	-2.17	4.47E-04	Pdzph1	protein_coding	4.45	4.53	4.20	4.50	3.47	3.47	2.24	3.48
Down	ENSMUSG000000081769	-1.69	4.50E-04	Gm12216	protein_coding	3.81	3.73	4.20	4.15	3.55	3.17	2.00	2.62
Down	ENSMUSG000000073424	-1.07	4.52E-04	Cyp4f15	protein_coding	5.26	5.47	5.17	5.17	4.85	4.85	4.61	3.17
Down	ENSMUSG000000032572	-1.78	4.53E-04	Col8a4	protein_coding	4.75	5.68	5.73	3.29	4.35	3.50	3.50	4.25
Down	ENSMUSG000000024862	-1.83	4.58E-04	Klc2	protein_coding	3.44	3.73	3.54	2.94	2.74	2.53	2.24	2.70
Down	ENSMUSG000000028346	-1.31	4.59E-04	Cavin4	protein_coding	4.54	4.44	4.95	4.22	4.82	4.24	3.19	3.62
Down	ENSMUSG000000109179	-1.77	4.68E-04	Gm35339	protein_coding	3.99	4.91	4.93	4.82	3.23	5.53	3.71	3.85
Down	ENSMUSG000000006179	-3.20	4.69E-04	Prss16	protein_coding	4.91	4.17	3.60	4.02	2.00	2.00	2.00	3.17
Down	ENSMUSG000000038560	-3.36	4.74E-04	Sp6	protein_coding	3.50	3.39	3.70	3.86	2.00	2.00	2.00	2.85
Down	ENSMUSG000000005493	-1.84	4.76E-04	Msh4	protein_coding	4.22	4.01	3.97	3.94	2.47	2.53	3.40	2.99
Down	ENSMUSG000000042895	-2.32	4.77E-04	Abra	protein_coding	2.85	3.11	3.97	3.74	2.13	2.34	2.00	3.06
Down	ENSMUSG000000033207	-1.87	4.77E-04	Mamdc2	protein_coding	3.61	4.24	4.09	4.22	2.82	2.24	2.63	3.57
Down	ENSMUSG000000062200	-2.92	4.78E-04	Vmn2r7	protein_coding	4.72	4.53	4.17	4.70	2.66	2.53	2.00	3.34
Down	ENSMUSG000000061535	-2.64	4.79E-04	C1qtnf7	protein_coding	3.50	4.69	4.54	4.20	2.62	3.12	2.79	3.70
Down	ENSMUSG000000036899	-3.01	4.81E-04	Trpv5	protein_coding	3.50	4.58	3.49	3.74	2.25	2.53	2.00	2.78
Down	ENSMUSG000000035296	-3.01	4.83E-04	Sgcg	protein_coding	3.67	4.01	3.89	4.50	2.24	2.24	2.00	2.92
Down	ENSMUSG000000024538	-2.45	4.84E-04	Ppic	protein_coding	2.00	3.63	2.00	2.75	2.00	2.78	2.35	2.44
Down	ENSMUSG000000035916	-2.33	4.87E-04	Ptprq	protein_coding	4.45	5.43	5.09	5.38	3.04	3.33	3.13	3.78
Down	ENSMUSG000000028346	-1.82	4.89E-04	Lst2	protein_coding	4.11	4.41	3.60	4.19	2.90	3.70	2.34	3.24
Up	ENSMUSG000000048376	1.09	4.90E-04	F2r	protein_coding	4.82	5.10	5.73	4.96	5.73	5.04	5.70	5.96
Down	ENSMUSG000000011154	-1.85	4.90E-04	Cfap161	protein_coding	4.15	4.93	4.30	4.53	3.11	2.92	3.67	2.99
Up	ENSMUSG000000029557	1.01	4.95E-04	Mrm2	protein_coding	4.77	5.00	4.70	5.71	6.58	5.87	5.84	5.66
Down	ENSMUSG000000058831	-2.17	4.97E-04	Opn1sw	protein_coding	3.50	3.83	3.75	4.05	2.90	2.53	3.40	2.99
Down	ENSMUSG000000026405	-2.72	4.98E-04	C4bp	protein_coding	3.91	4.56	4.63	4.70	3.17	2.62	2.00	2.99
Down	ENSMUSG000000002885	-1.30	4.99E-04	Adgre5	protein_coding	4.95	4.67	4.91	4.60	2.66	4.22	3.87	3.89
Down	ENSMUSG000000026142	-1.08	5.10E-04	Rhbdd1	protein_coding	5.69	5.49	5.73	5.95	5.29	4.19	4.33	4.98
Down	ENSMUSG000000109561	-2.77	5.16E-04	Ankrd31	protein_coding	4.54	4.09	4.05	4.96	2.12	3.00	3.17	3.17
Up	ENSMUSG000000043448	1.09	5.20E-04	Gjc2	protein_coding	5.89	5.50	5.86	6.15	7.39	6.12	6.52	7.22
Down	ENSMUSG000000091455	-1.32	5.24E-04	Otogl	protein_coding	5.06	5.04	5.32	5.44	4.10	4.40	4.07	5.44
Down	ENSMUSG000000044017	-1.08	5.28E-04	Adgrd1	protein_coding	4.57	4.82	5.19	5.17	4.59	3.87	4.17	4.17
Down	ENSMUSG000000015202	-1.12	5.29E-04	Cnksr3	protein_coding	5.38	5.29	5.53	5.58	4.13	3.59	4.61	4.61
Down	ENSMUSG000000023571	-1.58	5.31E-04	C1qtnf12	protein_coding	3.95	3.78	4.05	4.28	3.29	2.92	2.63	3.17
Down	ENSMUSG000000022184	-1.12	5.31E-04	Fbxo4	protein_coding	5.04	5.21	5.19					

Down	ENSMUSG0000001663	-1.43	5.44E-04	Gstt1	protein_coding	3.56	4.20	4.20	3.78	3.11	2.78	3.19	3.12
Down	ENSMUSG0000001555	-1.36	5.45E-04	Fkbp10	protein_coding	5.19	4.61	4.70	4.60	4.03	3.05	3.19	4.28
Down	ENSMUSG00000024349	-2.18	5.46E-04	Tmem173	protein_coding	4.51	4.84	4.40	4.58	2.00	3.38	3.59	2.85
Down	ENSMUSG00000021175	-1.99	5.59E-04	Cdca71	protein_coding	3.95	4.69	4.65	4.34	2.37	2.92	3.24	3.53
Down	ENSMUSG00000051611	-3.81	5.60E-04	Olfr112	protein_coding	3.81	4.37	3.23	3.65	2.00	2.24	2.00	2.62
Down	ENSMUSG00000051136	-2.93	5.60E-04	Ghr	protein_coding	4.48	4.41	4.73	4.55	2.00	2.00	3.40	2.92
Down	ENSMUSG00000030969	-2.47	5.61E-04	Alkb4b	protein_coding	3.81	4.05	3.93	3.96	2.00	2.70	3.12	3.12
Down	ENSMUSG00000034394	-2.22	5.61E-04	Lif	protein_coding	4.26	3.78	4.05	4.15	3.11	3.05	2.00	2.62
Down	ENSMUSG00000009114	-2.21	5.61E-04	2610028H24Rik	protein_coding	4.11	4.05	4.01	3.60	2.97	2.00	3.00	2.62
Down	ENSMUSG00000029864	-1.28	5.63E-04	Gstk1	protein_coding	5.34	5.35	5.48	5.27	4.39	3.47	4.87	3.99
Down	ENSMUSG00000050549	-1.41	5.65E-04	Fam241a	protein_coding	4.39	3.97	4.49	4.58	3.40	3.69	2.54	3.57
Down	ENSMUSG00000068794	-2.57	5.66E-04	Col28a1	protein_coding	3.99	4.58	3.84	4.98	2.82	2.24	3.40	2.44
Down	ENSMUSG00000074995	-6.19	5.69E-04	Olfr201	protein_coding	2.94	3.33	2.64	3.55	2.00	2.00	2.00	2.00
Down	ENSMUSG0000006519	-2.51	5.69E-04	Cyba	protein_coding	4.45	4.17	4.20	4.58	2.00	2.85	3.45	2.44
Down	ENSMUSG00000056987	-1.73	5.71E-04	Fam71d	protein_coding	3.81	3.73	3.80	3.60	2.47	2.98	2.54	2.99
Down	ENSMUSG00000063975	-4.15	5.73E-04	Sloca1a5	protein_coding	3.77	3.83	3.01	3.65	2.13	2.12	2.00	2.34
Down	ENSMUSG00000068129	-3.29	5.77E-04	Cst7	protein_coding	2.94	3.26	3.23	2.86	2.00	2.00	2.13	2.44
Down	ENSMUSG00000027776	-1.97	5.77E-04	Il12a	protein_coding	3.61	3.73	3.93	3.27	2.74	2.12	2.54	2.99
Down	ENSMUSG00000038543	-2.24	5.84E-04	BC028528	protein_coding	4.26	3.46	3.84	4.02	2.57	2.70	2.13	3.12
Down	ENSMUSG00000091239	-1.74	5.92E-04	Vmn2r76	protein_coding	5.48	5.28	5.63	5.52	2.82	4.47	4.24	4.05
Down	ENSMUSG00000027318	-1.65	5.92E-04	Adam33	protein_coding	3.99	3.73	4.05	3.37	3.17	2.79	3.23	2.79
Down	ENSMUSG00000045802	-5.91	5.96E-04	Hsf3	protein_coding	2.94	2.55	4.01	3.69	2.00	2.00	2.00	2.12
Down	ENSMUSG00000094091	-3.82	6.10E-04	Gm21885	protein_coding	3.31	2.95	2.15	3.21	2.00	2.00	2.00	2.34
Down	ENSMUSG00000047363	-1.73	6.11E-04	Cstad	protein_coding	3.77	4.47	5.04	4.28	4.16	2.62	2.63	2.92
Down	ENSMUSG00000019890	-2.49	6.15E-04	Nts	protein_coding	5.44	5.84	5.72	5.70	2.13	3.91	2.24	4.68
Down	ENSMUSG00000056910	-2.63	6.17E-04	Vmn2r107	protein_coding	4.62	4.50	4.52	4.60	3.55	2.24	2.79	2.44
Down	ENSMUSG00000003932	-1.90	6.19E-04	Fap	protein_coding	4.39	4.84	4.09	5.20	2.00	3.61	2.86	3.99
Down	ENSMUSG00000005268	-1.48	6.19E-04	Prir	protein_coding	7.20	6.04	5.67	7.80	5.52	5.47	4.90	6.02
Down	ENSMUSG00000047053	-3.21	6.22E-04	Teddm1a	protein_coding	3.50	2.66	2.74	3.08	2.00	2.50	2.00	2.04
Down	ENSMUSG00000038963	-1.57	6.22E-04	Sloca4a1	protein_coding	4.39	4.34	3.84	4.12	3.35	2.53	3.30	3.23
Down	ENSMUSG00000041849	-1.65	6.24E-04	Card6	protein_coding	6.02	5.74	5.77	5.65	5.02	2.70	3.97	4.77
Down	ENSMUSG00000058396	-1.39	6.26E-04	Gpr182	protein_coding	4.22	4.34	4.91	4.63	2.66	3.80	3.07	4.08
Down	ENSMUSG0000002249	-1.76	6.29E-04	Tpa33	protein_coding	4.18	4.05	3.80	3.53	2.82	3.56	3.17	3.56
Down	ENSMUSG00000050771	-3.31	6.32E-04	Tmem37	protein_coding	3.10	2.43	3.10	3.08	2.00	2.35	2.00	2.35
Down	ENSMUSG00000032530	-1.53	6.45E-04	Lyz4	protein_coding	3.50	3.97	4.34	3.50	2.74	2.53	3.13	3.23
Down	ENSMUSG00000044937	-1.23	6.45E-04	Ttc1	protein_coding	4.67	4.86	4.68	4.96	4.06	3.35	4.20	4.20
Down	ENSMUSG00000021469	-2.71	6.55E-04	Mx2	protein_coding	3.91	3.73	3.30	3.15	2.00	2.12	2.45	2.78
Up	ENSMUSG00000028024	1.61	6.63E-04	Enpep	protein_coding	4.03	3.63	4.70	4.39	6.11	5.50	5.84	4.75
Down	ENSMUSG00000090145	-1.64	6.65E-04	Ugt1a6b	protein_coding	5.28	5.08	5.15	5.09	3.50	4.54	3.24	3.62
Down	ENSMUSG00000019588	-3.02	6.66E-04	Lnp1	protein_coding	3.31	3.19	4.20	3.78	2.00	2.34	2.44	2.44
Down	ENSMUSG00000038775	-1.50	7.02E-04	Vill	protein_coding	4.18	4.01	3.93	4.09	3.04	3.28	2.54	3.34
Down	ENSMUSG00000028597	-1.99	7.05E-04	Gpx7	protein_coding	4.03	4.13	4.20	4.45	3.17	2.85	2.54	3.29
Down	ENSMUSG00000045237	1.07	7.09E-04	1110012L19Rik	protein_coding	5.10	4.58	4.80	4.91	5.32	6.06	6.14	5.60
Up	ENSMUSG00000033634	-4.42	7.09E-04	Nat8l2	protein_coding	3.91	2.86	3.43	3.82	2.00	2.00	2.00	2.44
Down	ENSMUSG00000036598	-1.36	7.09E-04	Ccdc113	protein_coding	4.15	4.91	4.87	5.14	3.66	3.73	2.71	4.43
Up	ENSMUSG00000037305	1.56	7.11E-04	Cenps	protein_coding	3.50	4.09	4.24	3.80	5.86	5.39	4.38	5.02
Down	ENSMUSG00000032249	-1.84	7.12E-04	Cd4	protein_coding	3.18	3.83	3.75	3.27	2.00	2.62	3.23	3.17
Up	ENSMUSG00000023947	1.17	7.14E-04	Nkfbie	protein_coding	5.00	5.08	4.87	4.29	6.13	5.82	6.07	6.07
Down	ENSMUSG00000027868	-2.39	7.16E-04	Tbx15	protein_coding	3.61	3.97	4.05	4.25	2.00	3.17	2.44	2.44
Down	ENSMUSG00000044634	-1.42	7.16E-04	Pkd11l	protein_coding	4.54	5.40	5.24	5.40	3.96	3.47	4.45	3.99
Down	ENSMUSG00000055978	-1.84	7.23E-04	Fut2	protein_coding	3.67	4.34	3.43	3.94	2.57	2.44	3.30	2.78
Down	ENSMUSG00000089675	-1.65	7.30E-04	Ugt1a8	protein_coding	5.36	5.23	5.15	5.11	3.60	4.44	3.24	3.89
Down	ENSMUSG00000082766	-3.07	7.33E-04	1700064H15Rik	protein_coding	2.85	2.76	2.84	3.33	2.13	2.34	2.00	2.12
Down	ENSMUSG00000047286	-4.11	7.42E-04	Olfr370	protein_coding	3.95	3.52	3.80	3.78	2.47	2.00	2.13	2.12
Down	ENSMUSG00000022617	-4.08	7.44E-04	Chkb	protein_coding	3.31	2.43	3.30	3.21	2.00	2.00	2.35	2.00
Down	ENSMUSG00000026668	-1.98	7.51E-04	Dennd1c	protein_coding	3.61	4.41	4.65	4.55	2.74	2.92	3.07	3.34
Down	ENSMUSG00000059994	-4.46	7.55E-04	Tyrl1	protein_coding	3.67	3.52	3.30	3.82	2.13	2.00	2.00	2.00
Down	ENSMUSG00000095990	-1.43	7.57E-04	Zfp97	protein_coding	4.62	4.24	4.05	4.98	3.73	3.91	3.00	2.99
Down	ENSMUSG00000024300	-1.33	7.57E-04	Myo1f	protein_coding	5.19	5.08	4.87	4.60	3.60	3.80	4.16	3.89
Down	ENSMUSG00000052759	-1.24	7.60E-04	Gpr25	protein_coding	5.00	4.93	4.54	5.07	3.23	3.73	4.50	3.85
Up	ENSMUSG00000064282	-3.51	7.79E-04	Gimap8	protein_coding	2.94	2.78	3.43	3.55	2.25	2.00	2.24	2.24
Down	ENSMUSG00000027880	-4.39	7.80E-04	Slc25a54	protein_coding	2.65	3.92	3.54	3.74	2.00	2.00	2.00	2.44
Down	ENSMUSG00000036523	-1.45	7.85E-04	Greb1	protein_coding	4.36	4.86	4.87	4.37	2.90	2.92	3.30	4.43
Down	ENSMUSG00000029307	-1.42	7.98E-04	Dmp1	protein_coding	5.06	5.67	5.55	5.25	4.25	4.13	4.19	4.20
Down	ENSMUSG00000028776	-2.27	8.13E-04	Tinagl1	protein_coding	3.77	3.39	4.13	3.90	2.57	2.24	2.00	3.29
Down	ENSMUSG00000044322	-2.51	8.14E-04	Dsc1	protein_coding	3.67	4.37	3.97	4.48	2.25	3.22	2.13	2.85
Down	ENSMUSG00000020241	-1.98	8.21E-04	Col6a2	protein_coding	4.59	4.56	5.48	5.07	2.97	3.56	2.35	4.25
Down	ENSMUSG00000020865	-1.45	8.29E-04	Abcc3	protein_coding	4.48	4.41	4.80	4.78	3.23	2.53	3.87	4.05
Down	ENSMUSG00000035352	-6.08	8.32E-04	Ccl12	protein_coding	2.85	3.88	2.74	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000071552	-3.23	8.35E-04	Tigit	protein_coding	3.31	3.39	3.23	3.74	2.00	2.00	2.78	2.00
Down	ENSMUSG00000025515	-1.96	8.36E-04	Muc2	protein_coding	3.95	3.44	4.57	4.31	2.13	3.05	2.86	3.62
Down	ENSMUSG00000037813	-1.02	8.37E-04	D630003M21Rik	protein_coding	4.84	4.79	5.04	4.65	3.77	3.38	4.40	4.25
Down	ENSMUSG00000030215	-3.50	8.41E-04	Ins2	protein_coding	2.85	3.70	3.86	3.65	2.00	2.00	2.00	2.00
Up	ENSMUSG00000017446	1.33	8.44E-04	C1orf11	protein_coding	3.95	4.69	5.74	4.80	5.74	5.33	5.51	5.79
Down	ENSMUSG00000055994	-1.84	8.45E-04	Nod2	protein_coding	4.32	4.89	3.65	4.53	2.90	2.98	2.44	3.92
Down	ENSMUSG00000059901	-2.22	8.53E-04	Adams14	protein_coding	3.72	4.74	4.54	4.50	3.23	3.11	2.13	3.12
Down	ENSMUSG00000050569	-1.86	8.54E-04	Rab39	protein_coding	4.26	4.01	4.65	4.55	3.23	3.17	2.86	3.17
Down	ENSMUSG00000030775	-2.39	8.59E-04	Trat1	protein_coding	3.38	3.33	3.70	3.50	2.25	2.00	2.24	2.99
Down	ENSMUSG00000047904	-1.18	8.62E-04	Sstr2	protein_coding	5.70	5.71	5.78	6.04	3.45	5.00	4.30	5.02
Down	ENSMUSG00000046718	-4.00	8.74E-04	Bst1	protein_coding	2.43	3.52	3.97	3.65	2.00	2.00	2.00	2.54
Down	ENSMUSG00000027386	-2.31	8.76E-04	Fbln7	protein_coding	4.45	5.02	4.70	4.86	2.37	2.70	3.85	3.96
Down	ENSMUSG00000109764	-2.67	8.77E-04	Klkb1	protein_coding	3.56	4.37	3.30	3.44	2.57	2.12	2.71	2.70
Down	ENSMUSG00000091620	-2.62	8.79E-04	Vmn2r23	protein_coding	4.42	4.56	4.43	5.25	2.13	3.61	2.45	3.06
Down	ENSMUSG00000024670	-1.99	8.84E-04	Cd6	protein_coding	3.31	4.44	4.13	4.65	2.90	2.00	3.13	3.39
Down	ENSMUSG00000061171	-3.21	8.88E-04	Slc38a11	protein_coding	3.77	4.05	3.49	3.90	2.00	2.00	2.00	3.00
Down	ENSMUSG00000073771	-1.10	8.91E-04	Btd19	protein_coding	5.08	4.79	5.15	4.91	4.72	3.84	3.35	4.08
Down	ENSMUSG00000094308	-4.82	9.01E-04	2410137M14Rik	protein_coding	2.65	2.76	2.42	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG0000006												

Up	ENSMUSG00000045775	1.22	9.20E-04	Slc16a5	protein_coding	3.67	4.09	3.49	4.19	5.01	5.00	5.14	4.11
Down	ENSMUSG00000099517	-4.18	9.23E-04	Hist1h3g	protein_coding	2.54	2.55	2.93	2.27	2.00	2.12	2.00	2.00
Down	ENSMUSG00000090165	-1.64	9.23E-04	Ugt1a10	protein_coding	5.23	5.04	5.24	5.12	4.44	4.44	3.24	3.62
Down	ENSMUSG00000073791	-1.56	9.32E-04	Efcab7	protein_coding	4.29	4.24	4.97	4.78	2.47	3.43	3.54	3.95
Down	ENSMUSG00000027790	-3.23	9.38E-04	Sis	protein_coding	3.91	4.79	4.01	4.45	2.40	2.24	2.93	2.70
Down	ENSMUSG00000009628	-1.59	9.49E-04	Tex15	protein_coding	4.57	5.12	4.49	5.34	2.25	4.37	3.87	3.44
Down	ENSMUSG00000032364	-1.46	9.55E-04	Igdc3	protein_coding	5.19	4.74	5.19	5.12	4.63	4.63	4.20	2.63
Down	ENSMUSG00000029499	-2.50	9.56E-04	Fhmp2	protein_coding	4.91	4.61	4.30	4.42	3.35	2.00	3.35	2.54
Down	ENSMUSG00000030800	-1.93	9.65E-04	Prss8	protein_coding	3.81	2.95	3.36	4.09	2.13	2.44	2.63	3.12
Down	ENSMUSG00000036151	-2.64	9.67E-04	Tm6st2	protein_coding	4.15	3.46	3.43	2.59	2.13	2.34	2.00	2.85
Down	ENSMUSG00000019737	-2.53	9.73E-04	Syne4	protein_coding	3.10	3.19	3.84	3.50	2.25	2.00	2.13	2.92
Down	ENSMUSG00000057054	-1.08	9.81E-04	Inca1	protein_coding	5.17	5.23	4.65	4.94	4.19	4.16	4.35	3.70
Down	ENSMUSG00000070332	-3.72	9.88E-04	Trim80	protein_coding	3.44	3.19	2.74	3.15	2.37	2.00	2.00	2.12
Down	ENSMUSG00000024727	-1.55	9.89E-04	Trpm6	protein_coding	5.34	5.14	4.85	5.42	2.90	3.87	4.10	4.43
Down	ENSMUSG00000005397	-1.22	1.00E-03	Nid1	protein_coding	5.34	4.77	5.49	5.97	4.44	3.94	3.75	4.77
Down	ENSMUSG00000091491	-2.18	1.01E-03	Vmn2r97	protein_coding	4.51	4.97	4.49	4.98	2.47	3.05	3.45	3.53
Down	ENSMUSG00000040280	-2.17	1.01E-03	Ndufa4i2	protein_coding	3.31	3.57	3.43	3.33	2.97	2.44	2.24	2.00
Down	ENSMUSG00000050493	-5.10	1.02E-03	Fam167b	protein_coding	3.31	2.76	3.01	2.69	2.00	2.00	2.00	2.12
Down	ENSMUSG00000072934	-3.53	1.02E-03	Trpc5os	protein_coding	2.54	2.95	3.65	3.90	2.00	2.00	2.62	2.90
Down	ENSMUSG00000052013	-2.35	1.02E-03	Bta1	protein_coding	3.95	3.33	4.01	3.27	2.00	2.70	2.24	2.70
Up	ENSMUSG00000047759	1.23	1.04E-03	Hs3t3a1	protein_coding	3.95	4.50	4.65	5.11	4.62	5.38	4.72	5.38
Down	ENSMUSG00000061397	-4.14	1.04E-03	Krt79	protein_coding	3.25	3.57	3.36	3.33	2.00	2.00	2.24	2.24
Down	ENSMUSG000000096201	-3.29	1.04E-03	Gm10715	protein_coding	8.98	9.43	9.04	9.73	5.56	6.14	5.07	6.99
Down	ENSMUSG00000068788	-3.64	1.05E-03	Map7d3	protein_coding	2.30	3.11	3.75	4.02	2.00	2.00	2.13	2.54
Down	ENSMUSG00000070423	-5.20	1.07E-03	Olfir558	protein_coding	3.18	3.19	3.70	3.55	2.00	2.00	2.24	2.00
Down	ENSMUSG00000037437	-1.74	1.07E-03	Adam32	protein_coding	4.51	4.77	4.91	4.42	4.19	2.62	2.24	3.66
Down	ENSMUSG00000004988	-1.27	1.07E-03	Fxyd4	protein_coding	3.44	4.01	4.24	4.09	2.90	2.44	3.54	3.44
Down	ENSMUSG00000035582	-2.44	1.08E-03	Gdpd4	protein_coding	4.54	4.27	4.20	4.37	2.97	2.34	2.35	3.34
Down	ENSMUSG00000040429	-1.13	1.08E-03	Mterf1a	protein_coding	4.82	4.89	4.73	4.92	3.04	4.04	4.27	4.08
Down	ENSMUSG00000090175	-1.64	1.09E-03	Ugt1a9	protein_coding	5.24	5.12	5.11	5.05	3.50	4.44	3.24	3.74
Down	ENSMUSG00000050919	-1.30	1.09E-03	Zfp266	protein_coding	4.32	4.56	4.57	4.78	2.90	4.13	3.63	3.39
Down	ENSMUSG000000105518	-3.31	1.10E-03	Gm42674	protein_coding	2.54	3.19	3.16	3.33	2.00	2.00	2.00	2.54
Down	ENSMUSG00000035468	-2.50	1.10E-03	Cdca1	protein_coding	3.25	4.20	4.09	4.02	2.00	2.53	2.63	2.90
Down	ENSMUSG00000110332	-2.10	1.10E-03	Gm19935	protein_coding	5.33	4.67	4.54	5.19	2.00	3.11	3.89	2.00
Down	ENSMUSG00000035095	-1.29	1.10E-03	Fam167a	protein_coding	4.22	4.74	4.43	5.11	3.77	3.84	2.93	3.95
Down	ENSMUSG00000034810	-1.04	1.10E-03	Scn7a	protein_coding	4.84	5.52	5.43	5.55	3.64	4.72	4.90	4.28
Down	ENSMUSG00000019779	-3.22	1.11E-03	Frk	protein_coding	3.91	4.20	3.43	4.48	2.00	2.44	2.00	2.99
Down	ENSMUSG00000030263	-1.93	1.11E-03	Lrmp	protein_coding	3.86	4.05	4.09	4.70	2.82	3.65	2.00	2.92
Down	ENSMUSG00000021763	-1.36	1.11E-03	BC067074	protein_coding	5.04	4.69	5.00	5.30	2.82	3.43	4.27	4.53
Down	ENSMUSG00000000359	-4.90	1.12E-03	Rem1	protein_coding	2.43	2.95	2.42	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089960	-1.70	1.12E-03	Ugt1a1	protein_coding	5.58	5.53	5.60	5.69	3.55	5.04	3.50	3.92
Down	ENSMUSG00000026042	-1.54	1.13E-03	Col5a2	protein_coding	5.06	5.14	4.82	5.30	3.92	4.10	3.00	4.08
Down	ENSMUSG00000041718	-1.05	1.13E-03	Alg13	protein_coding	5.57	5.89	6.05	5.97	5.52	4.66	5.79	5.23
Down	ENSMUSG00000002100	-2.14	1.15E-03	Mybpc3	protein_coding	3.50	4.05	4.01	3.78	2.25	2.00	3.07	3.06
Down	ENSMUSG00000004688	-2.01	1.15E-03	Abca13	protein_coding	5.44	5.28	5.80	5.74	4.47	2.62	3.19	4.53
Down	ENSMUSG00000006811	-1.92	1.15E-03	Mkrc2os	protein_coding	4.87	4.37	4.05	3.69	2.66	3.33	2.13	3.53
Down	ENSMUSG00000015405	-2.70	1.16E-03	Acp2	protein_coding	3.02	3.89	4.46	2.97	2.44	2.00	2.71	2.44
Down	ENSMUSG00000039304	-2.61	1.16E-03	Tnfrsf10	protein_coding	3.61	3.97	3.89	4.45	2.13	2.00	2.63	3.12
Down	ENSMUSG00000026976	-3.10	1.17E-03	Pax8	protein_coding	4.42	4.50	3.93	3.99	2.37	2.34	3.12	3.12
Down	ENSMUSG00000026630	-2.72	1.17E-03	Batf3	protein_coding	3.44	3.11	3.43	3.27	2.00	2.12	2.24	2.70
Down	ENSMUSG00000000290	-1.51	1.17E-03	Irgb2	protein_coding	4.93	4.91	4.75	4.37	2.74	3.17	3.97	4.08
Down	ENSMUSG00000061882	-1.22	1.17E-03	Ccdc62	protein_coding	5.19	5.21	5.26	5.25	3.29	3.47	4.65	4.77
Down	ENSMUSG00000022144	-2.70	1.18E-03	Gdnf	protein_coding	3.77	3.57	3.09	3.69	2.37	2.00	2.24	2.78
Down	ENSMUSG00000046806	-1.00	1.18E-03	Cyren	protein_coding	5.34	4.93	5.09	4.89	4.19	4.37	3.50	4.63
Up	ENSMUSG00000021278	1.04	1.20E-03	Amn	protein_coding	3.95	4.27	4.59	3.98	5.07	5.52	4.95	4.46
Down	ENSMUSG00000028174	-2.62	1.20E-03	Rpe65	protein_coding	3.38	4.09	3.49	3.55	2.97	2.00	2.54	2.00
Down	ENSMUSG00000025407	-1.45	1.20E-03	Gli1	protein_coding	4.36	5.04	4.70	3.74	2.85	3.19	3.78	3.74
Down	ENSMUSG00000037995	-1.24	1.21E-03	Igsf9	protein_coding	4.57	4.20	4.24	3.57	3.33	3.33	3.24	3.90
Up	ENSMUSG00000078963	1.62	1.26E-03	Hsbp111	protein_coding	3.50	3.33	2.74	3.65	4.94	4.37	4.65	3.95
Up	ENSMUSG00000047281	1.62	1.26E-03	Sfn	protein_coding	3.86	3.02	3.84	3.39	5.20	3.43	5.66	5.17
Down	ENSMUSG00000068335	-4.08	1.26E-03	Dok1	protein_coding	2.94	3.03	3.93	3.27	2.00	2.00	2.45	2.00
Down	ENSMUSG00000041361	-2.02	1.26E-03	Myzap	protein_coding	4.48	4.74	4.40	4.89	3.69	2.44	2.00	3.85
Down	ENSMUSG00000022408	-4.36	1.27E-03	Fam83f	protein_coding	3.18	3.88	2.84	2.94	2.00	2.00	2.24	2.12
Down	ENSMUSG00000031230	-2.68	1.27E-03	Fgf16	protein_coding	4.18	4.17	4.34	3.39	2.00	2.92	2.13	2.99
Down	ENSMUSG00000025902	-1.71	1.27E-03	Sox17	protein_coding	4.03	4.31	3.70	3.74	2.82	3.11	2.54	3.12
Down	ENSMUSG00000063564	-1.55	1.27E-03	Col23a1	protein_coding	5.82	6.63	5.99	6.73	5.80	4.76	3.24	4.88
Down	ENSMUSG00000073492	-3.75	1.28E-03	Gm10521	protein_coding	2.94	4.01	3.84	2.86	2.00	2.12	2.00	2.54
Down	ENSMUSG00000018927	-2.64	1.29E-03	Ccl6	protein_coding	4.42	4.44	4.05	3.39	3.45	2.00	2.24	2.34
Down	ENSMUSG00000041731	-1.20	1.29E-03	Pgm5	protein_coding	4.59	5.02	4.93	5.28	3.64	3.22	4.73	3.95
Down	ENSMUSG00000041779	-1.05	1.29E-03	Tram2	protein_coding	5.33	5.06	4.95	5.55	3.77	4.54	5.05	4.81
Down	ENSMUSG00000021213	-3.91	1.30E-03	Akrtc13	protein_coding	3.18	3.52	4.01	3.60	2.00	2.00	2.00	2.62
Down	ENSMUSG00000038384	-2.28	1.30E-03	Olfir239	protein_coding	3.31	3.46	3.09	3.50	2.00	2.44	2.45	2.62
Down	ENSMUSG00000037762	-1.67	1.30E-03	Slc16a9	protein_coding	3.95	4.41	3.93	3.92	3.29	3.05	3.12	3.86
Up	ENSMUSG00000050603	1.65	1.31E-03	Klf6	protein_coding	2.94	3.68	3.97	3.15	4.44	4.85	4.50	5.08
Down	ENSMUSG00000039391	-2.35	1.31E-03	Ccdc81	protein_coding	4.29	4.91	4.95	4.80	2.82	2.24	2.24	4.11
Down	ENSMUSG00000055799	-2.29	1.32E-03	Tcf7l1	protein_coding	5.62	5.62	5.43	6.00	3.96	3.17	2.00	4.72
Down	ENSMUSG00000021898	-1.87	1.32E-03	Asb14	protein_coding	3.81	4.50	3.75	3.69	3.11	2.44	2.13	3.39
Down	ENSMUSG00000079434	-1.21	1.32E-03	Neu2	protein_coding	6.52	6.32	6.18	6.33	4.42	5.96	3.97	5.64
Down	ENSMUSG00000020901	-1.04	1.32E-03	Pik3r5	protein_coding	5.36	5.02	4.78	5.27	3.69	4.27	4.45	4.46
Down	ENSMUSG00000109228	-2.49	1.33E-03	Fam81b	protein_coding	4.22	3.68	4.01	4.34	2.90	2.00	2.45	3.06
Down	ENSMUSG00000022468	-2.44	1.33E-03	Endou	protein_coding	3.61	3.78	4.13	4.34	2.90	2.00	2.00	3.23
Down	ENSMUSG00000052850	-5.21	1.34E-03	Tas2r137	protein_coding	2.30	2.43	2.84	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000030945	-2.37	1.34E-03	Acsm2	protein_coding	4.32	4.84	4.63	5.14	2.24	2.24	2.79	2.79
Down	ENSMUSG00000005373	-1.49	1.34E-03	Mlxip1	protein_coding	4.22	4.56	4.40	4.50	2.13	3.77	3.30	3.70
Down	ENSMUSG00000051617	-1.00	1.34E-03	Krt9	protein_coding	5.33	5.26	5.57	5.53	4.78	4.64	4.33	4.43
Down	ENSMUSG00000047040	-1.87	1.35E-03	Prr15l	protein_coding	3.99	2.95	4.13	3.74	2.00	2.44	3.19	2.99
Down	ENSMUSG00000053688	-1.61	1.35E-03	Rab7b	protein_coding	5.00	4.01	4.43	4.63	2.00	3.43	3.83	3.86
Down	ENSMUSG00000032254												

Down	ENSMUSG00000043015	-1.08	1.37E-03	Nemp2	protein_coding	5.06	5.52	5.27	5.28	4.03	3.22	4.38	5.17
Down	ENSMUSG00000079494	-3.08	1.38E-03	Nat8f5	protein_coding	2.65	3.03	3.01	3.15	2.00	2.00	2.00	2.54
Down	ENSMUSG00000001435	-1.83	1.38E-03	Col18a1	protein_coding	4.32	4.09	4.63	5.02	2.00	3.17	2.13	4.25
Down	ENSMUSG00000025492	-2.30	1.41E-03	Ilfm3	protein_coding	5.15	5.08	4.52	4.53	3.45	3.61	2.54	2.85
Up	ENSMUSG000000061878	1.22	1.42E-03	Sphk1	protein_coding	4.42	3.33	3.49	4.05	4.56	4.96	5.00	4.92
Down	ENSMUSG000000042251	-1.89	1.46E-03	Pm20d1	protein_coding	4.65	4.62	5.02	4.72	3.29	3.73	2.13	3.85
Down	ENSMUSG00000003024	-1.83	1.47E-03	Lag3	protein_coding	4.07	4.09	3.97	3.94	2.00	2.92	2.45	2.85
Down	ENSMUSG00000056854	-1.23	1.47E-03	Pou3f4	protein_coding	4.87	4.72	5.53	5.33	4.61	2.78	4.16	4.36
Down	ENSMUSG00000047420	-3.62	1.48E-03	Fam180a	protein_coding	2.43	2.66	3.01	3.82	2.13	2.12	2.00	2.24
Down	ENSMUSG00000091805	-2.51	1.48E-03	Vmn2r108	protein_coding	4.11	4.69	4.17	4.19	3.11	2.78	2.24	2.70
Down	ENSMUSG00000090336	-2.16	1.48E-03	Cfap97d2	protein_coding	4.18	4.41	4.57	4.92	2.00	3.05	3.35	3.44
Up	ENSMUSG000000037977	1.09	1.51E-03	6430571L13Rik	protein_coding	4.84	4.74	3.89	4.96	5.29	5.80	5.86	5.50
Down	ENSMUSG00000054293	-5.29	1.51E-03	P2ry10b	protein_coding	2.85	2.30	3.43	3.39	2.13	2.00	2.00	2.00
Down	ENSMUSG000000066273	-5.10	1.51E-03	Olfir33	protein_coding	2.54	2.86	2.93	3.39	2.00	2.00	2.00	2.12
Down	ENSMUSG00000057604	-2.12	1.52E-03	Lmcd1	protein_coding	4.18	5.02	5.04	5.05	3.35	2.24	2.63	4.17
Down	ENSMUSG00000072722	-2.10	1.52E-03	Gm6588	protein_coding	3.38	2.86	3.23	3.01	2.00	2.00	2.00	2.24
Down	ENSMUSG00000043948	-2.49	1.53E-03	Olfir691	protein_coding	2.94	4.17	3.23	3.78	2.37	2.53	2.00	2.78
Down	ENSMUSG00000035697	-1.27	1.53E-03	Arlgap45	protein_coding	5.24	4.72	5.22	4.67	4.03	3.28	4.22	4.11
Down	ENSMUSG000000064057	-3.27	1.55E-03	Scgb3a1	protein_coding	3.77	3.03	2.74	3.08	2.00	2.34	2.00	2.34
Down	ENSMUSG000000223288	-1.54	1.56E-03	Tll8	protein_coding	4.39	3.92	3.36	4.70	3.11	2.98	2.86	3.53
Down	ENSMUSG00000019312	-2.43	1.58E-03	Grt7	protein_coding	4.42	4.44	4.40	4.48	2.25	2.12	2.00	3.99
Down	ENSMUSG00000030862	-1.38	1.58E-03	Cpxn2	protein_coding	4.54	4.86	4.43	5.16	4.00	3.80	2.45	4.05
Down	ENSMUSG000000032034	-3.47	1.60E-03	Kcnj5	protein_coding	3.18	3.88	3.75	3.45	2.00	2.12	2.00	2.70
Down	ENSMUSG00000095440	-1.78	1.60E-03	Figl2	protein_coding	3.72	3.63	3.80	3.82	2.25	2.44	2.63	3.39
Down	ENSMUSG00000018932	-1.09	1.60E-03	Map2k3	protein_coding	5.48	6.01	5.70	5.64	4.97	4.07	3.71	5.54
Down	ENSMUSG00000057464	-3.33	1.61E-03	Olfir1415	protein_coding	3.61	3.26	2.93	3.15	2.37	2.00	2.00	2.34
Down	ENSMUSG00000008384	-1.36	1.62E-03	Sertad1	protein_coding	4.95	4.58	4.05	4.98	3.81	4.13	3.07	3.34
Down	ENSMUSG00000051977	-1.29	1.62E-03	Prdm9	protein_coding	4.62	5.02	4.70	4.87	3.50	3.87	3.00	4.41
Down	ENSMUSG00000058019	-2.20	1.63E-03	Ces5a	protein_coding	3.10	3.92	3.30	3.65	2.37	2.78	2.13	2.62
Down	ENSMUSG00000021239	-4.15	1.64E-03	Vsx2	protein_coding	2.85	3.03	3.30	3.33	2.00	2.00	2.00	2.34
Down	ENSMUSG000000069301	-3.49	1.65E-03	Hist1h2ag	protein_coding	2.54	2.55	3.09	3.01	2.00	2.34	2.00	2.00
Down	ENSMUSG00000026840	-1.56	1.65E-03	Lamc3	protein_coding	4.75	3.92	4.80	4.58	3.45	3.43	2.13	4.02
Down	ENSMUSG00000051048	-1.77	1.65E-03	P4ha3	protein_coding	4.82	4.30	4.30	4.30	3.43	3.50	2.86	3.53
Down	ENSMUSG00000038644	-2.24	1.67E-03	Ermap	protein_coding	3.61	4.58	4.65	4.02	2.00	2.25	3.62	3.50
Down	ENSMUSG00000039476	-2.35	1.71E-03	Prrx2	protein_coding	3.02	3.46	3.43	3.33	2.00	2.85	2.00	2.44
Down	ENSMUSG000000035775	-1.92	1.71E-03	Krt20	protein_coding	3.67	4.97	4.46	4.25	2.25	3.00	3.29	3.29
Down	ENSMUSG00000044581	-1.74	1.71E-03	4932415D10Rik	protein_coding	4.26	4.61	5.32	5.19	3.11	3.98	3.19	3.78
Down	ENSMUSG00000057135	-3.26	1.72E-03	Scmp	protein_coding	3.61	2.86	4.05	3.08	2.57	2.00	2.00	2.34
Down	ENSMUSG00000067522	-2.84	1.72E-03	Olfir76	protein_coding	3.77	3.78	3.93	4.15	2.57	2.44	2.00	2.78
Down	ENSMUSG000000031875	-1.70	1.72E-03	Cmtm3	protein_coding	4.84	4.72	5.22	5.09	2.82	2.53	4.73	3.39
Down	ENSMUSG00000040189	-1.02	1.72E-03	Ccdc114	protein_coding	5.29	5.31	4.80	4.87	4.52	4.01	3.87	4.43
Down	ENSMUSG00000073489	-3.87	1.73E-03	Ifi204	protein_coding	3.44	3.52	3.30	4.09	2.66	2.00	2.00	2.00
Down	ENSMUSG00000027744	-3.67	1.74E-03	Stoml3	protein_coding	4.03	4.44	4.13	3.94	2.00	2.70	2.00	2.54
Down	ENSMUSG000000115091	-5.02	1.77E-03	Vmn1r22	protein_coding	2.65	3.73	3.09	2.13	2.00	3.55	2.00	2.12
Down	ENSMUSG00000047642	-1.99	1.77E-03	D930020B18Rik	protein_coding	4.29	4.56	3.54	4.25	2.57	3.38	2.00	3.34
Up	ENSMUSG000000027857	1.10	1.78E-03	Tshb	protein_coding	3.99	4.64	4.78	4.80	5.47	6.04	5.38	5.17
Down	ENSMUSG000000078491	-2.26	1.78E-03	Vmn2r56	protein_coding	4.26	4.09	4.30	2.57	3.00	2.92	2.44	3.06
Down	ENSMUSG000000068323	-1.87	1.78E-03	Slc4a5	protein_coding	5.57	4.61	4.05	6.28	3.50	3.05	3.71	4.61
Down	ENSMUSG000000027326	-1.44	1.78E-03	Kn11	protein_coding	3.86	4.50	4.30	4.91	2.57	3.91	3.63	3.12
Down	ENSMUSG00000071192	-1.95	1.81E-03	Wfikkn1	protein_coding	2.94	3.33	3.16	2.69	2.25	2.12	2.13	2.78
Down	ENSMUSG00000031639	-1.80	1.81E-03	Tlr3	protein_coding	5.83	6.09	5.40	6.03	4.56	3.73	2.86	5.10
Down	ENSMUSG00000030249	-1.42	1.81E-03	Abcc9	protein_coding	5.97	5.84	5.89	5.73	3.23	3.98	5.36	4.92
Down	ENSMUSG000000060070	-5.17	1.82E-03	Defa26	protein_coding	2.75	2.66	2.54	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000015085	-1.50	1.82E-03	Entpd2	protein_coding	4.65	4.93	4.82	4.55	2.25	3.84	3.59	4.08
Down	ENSMUSG000000075115	-5.32	1.83E-03	Olfir1200	protein_coding	2.85	3.39	2.84	3.15	2.00	2.00	2.00	2.12
Down	ENSMUSG00000001930	-1.07	1.83E-03	Vwf	protein_coding	5.61	5.86	5.86	5.58	5.09	4.92	3.71	5.00
Down	ENSMUSG000000078773	-1.07	1.83E-03	Rad54b	protein_coding	4.26	4.61	4.24	3.69	4.80	3.65	3.54	3.85
Down	ENSMUSG000000039994	-2.88	1.84E-03	Timeless	protein_coding	2.85	2.95	3.16	2.49	2.13	2.00	2.00	2.44
Down	ENSMUSG000000037418	-1.68	1.84E-03	Best1	protein_coding	4.51	4.05	3.60	4.15	2.25	3.52	2.24	3.53
Down	ENSMUSG000000078491	-3.26	1.86E-03	Gm13090	protein_coding	2.54	2.00	3.36	3.27	2.00	2.00	2.00	2.44
Down	ENSMUSG00000007030	-2.00	1.86E-03	Vwv7	protein_coding	3.18	3.73	3.84	4.02	3.04	2.24	2.24	2.92
Down	ENSMUSG000000054966	-1.80	1.86E-03	Lmnd1	protein_coding	3.86	4.34	4.87	5.05	2.13	3.65	2.54	4.05
Up	ENSMUSG000000029177	1.28	1.89E-03	Cenpa	protein_coding	5.00	4.61	4.68	4.31	5.38	6.10	6.19	5.32
Down	ENSMUSG000000036172	-3.70	1.92E-03	Cd200r3	protein_coding	2.75	4.20	4.17	4.63	2.00	2.24	2.70	2.70
Down	ENSMUSG000000051452	-2.87	1.92E-03	Gm11437	protein_coding	2.43	3.52	3.09	3.21	2.00	2.00	2.00	2.00
Down	ENSMUSG000000090171	-1.67	1.92E-03	Ugt1a2	protein_coding	5.23	5.02	5.17	5.09	3.50	4.44	3.24	3.62
Down	ENSMUSG00000029136	-1.34	1.94E-03	Rbks	protein_coding	4.80	4.17	4.63	4.25	3.11	3.94	2.54	3.92
Down	ENSMUSG000000078157	-1.57	1.95E-03	4931440F15Rik	protein_coding	4.42	3.63	3.36	3.45	2.25	3.56	2.54	2.70
Down	ENSMUSG00000001119	-1.06	1.96E-03	Col6a1	protein_coding	4.87	4.84	4.91	5.12	3.85	4.22	2.86	4.75
Down	ENSMUSG000000032257	-1.74	1.98E-03	Ank1	protein_coding	3.81	3.68	2.74	3.01	2.85	2.63	2.00	3.01
Down	ENSMUSG00000000682	-3.18	2.00E-03	Cd52	protein_coding	3.81	2.95	2.84	2.37	2.00	2.00	2.00	2.00
Down	ENSMUSG000000043430	-2.86	2.00E-03	Psap1	protein_coding	2.54	2.86	2.64	2.69	2.00	2.00	2.00	2.44
Down	ENSMUSG000000026938	-4.02	2.01E-03	Fma3	protein_coding	4.02	3.19	3.60	2.30	2.12	2.12	2.00	2.12
Down	ENSMUSG000000042371	-2.53	2.02E-03	Slc5a10	protein_coding	3.02	3.78	3.78	3.65	3.45	2.45	2.45	2.85
Down	ENSMUSG000000024235	-1.32	2.02E-03	Map3k8	protein_coding	3.91	4.95	4.65	4.09	2.97	3.77	3.62	3.62
Down	ENSMUSG000000054134	-1.87	2.03E-03	Umod1	protein_coding	4.07	4.72	4.17	4.45	3.11	2.34	2.93	3.70
Down	ENSMUSG000000041052	-4.16	2.05E-03	Slc7a13	protein_coding	3.56	3.19	3.93	3.60	2.34	2.00	2.24	2.00
Down	ENSMUSG00000029182	-2.04	2.05E-03	1700001C02Rik	protein_coding	3.38	3.33	3.54	4.34	3.23	2.44	2.00	2.62
Down	ENSMUSG000000035860	-1.49	2.05E-03	Cdhr3	protein_coding	4.80	4.89	5.04	4.78	4.37	4.37	3.59	3.66
Down	ENSMUSG000000063447	-2.74	2.06E-03	Ube2d2b	protein_coding	2.94	2.43	3.36	2.86	2.00	2.00	2.00	2.62
Down	ENSMUSG000000028717	-1.93	2.06E-03	Tal1	protein_coding	4.11	3.63	4.05	4.48	2.90	3.56	2.00	2.70
Down	ENSMUSG000000096795	-1.47	2.06E-03	Zfp433	protein_coding	3.77	4.20	4.20	4.45	3.64	2.85	3.30	2.78
Up	ENSMUSG000000034773	2.21	2.08E-03	BC030867	protein_coding	2.65	2.95	3.01	3.21	4.16	3.65	5.14	4.23
Down	ENSMUSG000000089901	-5.34	2.11E-03	Gm8113	protein_coding	3.50	3.26	2.74	2.69	2.00	2.00	2.00	2.12
Down	ENSMUSG000000044824	-2.70	2.11E-03	Olfir545	protein_coding	3.25	3.83	2.54	3.33	2.00	2.12	2.45	2.54
Down	ENSMUSG000000006012	-1.24	2.14E-03	0610040J01Rik	protein_coding	5.21	5.36	4.82	4.94	3.96	4.72	3.94	3.34
Up	ENSMUSG000000056715	1.41	2.17E-03	Ilec1	protein_coding								

Down	ENSMUSG00000025150	-4.97	2.20E-03	Cbr2	protein_coding	3.72	2.86	3.54	2.77	2.00	2.00	2.00	2.24
Down	ENSMUSG00000040732	-1.84	2.20E-03	Erg	protein_coding	3.95	3.57	4.75	3.86	2.00	3.77	2.45	2.92
Down	ENSMUSG00000064006	-3.18	2.21E-03	Olfir190	protein_coding	4.03	4.17	3.82	2.13	2.00	2.00	2.62	2.62
Down	ENSMUSG00000095961	-2.56	2.21E-03	Vmn2r102	protein_coding	4.72	4.95	4.89	4.96	2.57	3.87	2.13	3.06
Down	ENSMUSG00000031891	-3.09	2.22E-03	Hsd11b2	protein_coding	2.30	2.55	3.49	2.69	2.00	2.34	2.00	2.69
Down	ENSMUSG00000057596	-1.80	2.22E-03	Trim30d	protein_coding	4.32	4.84	3.93	4.80	3.64	2.24	3.59	3.12
Down	ENSMUSG00000059243	-2.23	2.23E-03	Olfir5	protein_coding	4.22	4.64	4.20	4.48	2.24	2.44	3.13	3.44
Down	ENSMUSG00000021135	-1.62	2.28E-03	Slc10a1	protein_coding	2.94	4.20	3.84	3.65	2.25	3.28	2.62	2.62
Down	ENSMUSG00000042489	-1.61	2.28E-03	Clspn	protein_coding	4.89	5.44	5.35	5.07	3.29	2.85	4.54	4.23
Down	ENSMUSG00000025927	-2.27	2.28E-03	Tfap2b	protein_coding	4.39	4.34	4.80	4.78	2.74	3.47	2.00	3.44
Down	ENSMUSG00000068758	-1.85	2.28E-03	Il3ra	protein_coding	3.72	3.78	4.30	4.34	2.25	3.22	3.30	2.62
Down	ENSMUSG00000043051	-1.39	2.29E-03	Disc1	protein_coding	5.23	5.26	5.05	5.12	3.40	4.74	2.45	4.46
Down	ENSMUSG00000024401	-5.64	2.31E-03	Tnf	protein_coding	3.50	3.26	2.74	3.39	2.00	2.00	2.00	2.12
Down	ENSMUSG00000021751	-2.56	2.31E-03	Acox2	protein_coding	3.95	3.26	3.93	4.05	2.57	2.44	2.24	2.78
Down	ENSMUSG00000024013	-1.30	2.31E-03	Fgd2	protein_coding	5.00	5.53	4.91	5.50	4.97	3.22	4.40	3.34
Down	ENSMUSG00000054400	-1.26	2.31E-03	Klf1	protein_coding	4.57	5.04	4.75	4.85	3.85	3.05	3.63	4.41
Down	ENSMUSG00000030351	-2.01	2.32E-03	Tspan11	protein_coding	4.22	3.33	3.36	3.60	2.13	2.12	2.71	3.23
Down	ENSMUSG00000039899	-2.10	2.34E-03	Fgl2	protein_coding	4.32	4.34	4.09	4.58	2.34	2.12	2.13	3.12
Down	ENSMUSG00000021388	-4.04	2.36E-03	Aspn	protein_coding	2.65	3.39	3.36	2.77	2.00	2.24	2.00	2.12
Down	ENSMUSG00000057722	-1.96	2.39E-03	Lep1	protein_coding	5.48	4.17	4.49	5.52	2.90	2.34	4.30	3.74
Down	ENSMUSG00000022622	-1.87	2.39E-03	Acr	protein_coding	2.75	3.78	3.30	3.90	2.00	2.00	2.86	2.92
Down	ENSMUSG00000099611	-5.23	2.40E-03	Vmn1r189	protein_coding	3.25	3.39	2.64	2.69	2.00	2.00	2.00	2.12
Down	ENSMUSG00000041736	-2.31	2.41E-03	Tspo	protein_coding	3.25	3.63	2.84	3.15	2.37	2.00	2.00	2.85
Down	ENSMUSG00000041565	-1.54	2.41E-03	L3mbt4	protein_coding	4.42	4.67	4.30	3.94	3.11	3.43	2.24	3.85
Down	ENSMUSG00000034918	-1.23	2.44E-03	Cdhr2	protein_coding	4.15	4.17	4.17	4.05	3.04	3.17	3.83	2.92
Down	ENSMUSG00000090609	-3.28	2.46E-03	Olfir61	protein_coding	3.10	2.95	3.89	2.77	2.66	2.00	2.00	2.00
Down	ENSMUSG00000028378	-2.22	2.47E-03	Ptgr1	protein_coding	4.48	4.13	4.80	4.63	2.82	2.98	2.00	3.74
Up	ENSMUSG00000075405	1.57	2.48E-03	9430097D07Rik	protein_coding	2.85	3.11	2.64	3.27	4.31	3.80	3.35	4.25
Down	ENSMUSG00000022061	-2.01	2.48E-03	Nlx3-1	protein_coding	4.39	3.46	3.80	4.09	2.37	3.22	2.13	3.12
Down	ENSMUSG00000048373	-2.49	2.50E-03	Fgfbp1	protein_coding	3.61	3.39	3.43	3.69	2.00	2.53	2.45	2.62
Down	ENSMUSG00000031394	-3.25	2.51E-03	Opn1mw	protein_coding	3.31	3.11	3.23	3.60	2.00	2.34	2.13	2.34
Down	ENSMUSG00000073413	-1.97	2.51E-03	Ly6g6d	protein_coding	4.07	4.34	3.93	3.94	3.04	3.38	2.00	2.70
Down	ENSMUSG00000030469	-2.86	2.51E-03	Trim30b	protein_coding	4.32	4.17	4.70	4.55	2.82	3.53	2.00	2.53
Down	ENSMUSG00000030742	-3.50	2.53E-03	Lat	protein_coding	3.38	3.68	3.53	3.33	2.00	2.00	2.34	2.00
Down	ENSMUSG00000073938	-2.42	2.54E-03	Olfir632	protein_coding	3.38	4.01	3.16	3.33	2.47	2.24	2.45	2.54
Down	ENSMUSG00000033223	-1.64	2.54E-03	Cyp11a1	protein_coding	4.80	5.14	4.43	4.55	4.81	4.55	2.35	4.41
Down	ENSMUSG00000026638	-1.13	2.55E-03	Irf6	protein_coding	4.18	5.06	4.54	4.67	3.50	4.10	3.19	4.08
Up	ENSMUSG00000042485	1.85	2.57E-03	Mustn1	protein_coding	3.86	3.88	3.65	3.08	5.36	3.22	5.79	5.05
Down	ENSMUSG00000112129	-3.22	2.57E-03	Pblid1	protein_coding	3.81	2.76	3.23	3.74	2.47	2.00	2.00	2.44
Down	ENSMUSG00000044176	-1.05	2.57E-03	Spink10	protein_coding	6.33	6.69	6.23	6.36	5.04	6.12	4.54	5.56
Down	ENSMUSG0000007591	-3.62	2.58E-03	Tssk4	protein_coding	3.67	2.95	2.54	2.94	2.00	2.00	2.00	2.44
Down	ENSMUSG00000052616	-1.65	2.60E-03	Terb1	protein_coding	3.67	4.20	4.17	3.35	3.74	2.53	2.63	3.12
Down	ENSMUSG00000042554	-2.55	2.62E-03	Zp3r	protein_coding	3.56	4.58	3.93	4.02	2.13	2.00	2.71	3.29
Down	ENSMUSG00000026398	-3.12	2.64E-03	Nr5a2	protein_coding	3.72	3.63	3.54	3.78	2.00	2.45	2.00	2.45
Down	ENSMUSG00000049565	-2.69	2.65E-03	Aknad1	protein_coding	4.07	4.20	4.13	4.65	2.97	2.00	2.79	2.78
Down	ENSMUSG00000051367	-2.35	2.65E-03	Six1	protein_coding	3.38	4.01	3.89	3.78	2.57	2.98	2.00	2.54
Down	ENSMUSG00000090698	-1.22	2.66E-03	Apo1e1	protein_coding	4.05	4.29	4.05	4.37	2.47	3.69	3.99	3.99
Down	ENSMUSG00000092174	-5.50	2.67E-03	Myrmk	protein_coding	2.16	2.86	3.09	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG00000041644	-1.80	2.67E-03	Slc5a12	protein_coding	3.50	3.97	4.65	4.65	3.50	2.70	2.00	3.44
Down	ENSMUSG00000025610	-4.74	2.68E-03	Map3k7cd	protein_coding	2.94	2.43	2.74	3.01	2.00	2.00	2.00	2.12
Down	ENSMUSG00000030340	-1.84	2.68E-03	Scnn1a	protein_coding	6.05	5.96	6.09	5.64	4.10	4.24	2.79	5.23
Down	ENSMUSG00000028172	-2.97	2.69E-03	Tacr3	protein_coding	4.22	5.56	4.78	4.74	2.00	2.98	2.00	3.74
Down	ENSMUSG00000091415	-1.16	2.69E-03	Ak9	protein_coding	4.51	5.10	4.73	5.11	3.64	4.44	3.71	5.11
Down	ENSMUSG00000021414	-2.58	2.70E-03	Fam217a	protein_coding	3.67	4.20	3.97	5.25	3.50	2.85	2.00	2.34
Down	ENSMUSG00000021685	-2.92	2.72E-03	Otp	protein_coding	3.31	3.46	3.84	3.50	2.47	2.53	2.00	2.24
Down	ENSMUSG00000027474	-2.73	2.72E-03	Ccm2l	protein_coding	3.18	4.17	3.23	3.45	2.00	2.00	2.00	3.12
Down	ENSMUSG00000039851	-1.84	2.72E-03	4932438H23Rik	protein_coding	4.07	4.05	3.93	4.03	2.37	2.24	3.07	3.78
Down	ENSMUSG00000043102	-3.29	2.73E-03	Qrfp	protein_coding	2.85	3.63	2.29	3.21	2.00	2.00	2.00	2.54
Down	ENSMUSG00000048772	-1.59	2.73E-03	P115	protein_coding	4.48	4.86	4.27	4.91	3.23	2.70	3.90	3.74
Down	ENSMUSG00000007827	-4.46	2.74E-03	Ankrk26	protein_coding	2.43	3.46	3.09	2.86	2.00	2.00	2.24	2.24
Down	ENSMUSG00000101860	-2.37	2.74E-03	Mindy4b-ps	protein_coding	4.51	4.34	3.49	4.31	2.00	2.53	2.45	3.57
Down	ENSMUSG00000118895	-1.66	2.74E-03	Gm3435	protein_coding	3.91	3.11	3.84	4.19	2.25	2.34	3.45	2.99
Down	ENSMUSG00000047502	-1.15	2.75E-03	Mroh7	protein_coding	5.12	4.77	4.17	4.42	3.85	3.56	3.30	4.20
Down	ENSMUSG00000056531	-1.28	2.78E-03	Ccdc18	protein_coding	5.24	4.95	5.13	5.58	4.31	4.60	2.86	4.36
Down	ENSMUSG00000094950	-2.29	2.79E-03	Vmn2r66	protein_coding	3.95	4.74	4.91	4.74	2.13	3.47	2.86	3.34
Down	ENSMUSG00000031786	-2.11	2.83E-03	Drc7	protein_coding	5.94	4.69	4.68	6.67	4.76	2.98	2.54	4.41
Down	ENSMUSG00000031966	-2.33	2.84E-03	Gilb1i3	protein_coding	4.59	4.09	3.84	4.12	2.25	2.70	3.40	2.44
Down	ENSMUSG00000089844	-1.39	2.84E-03	A530032D15Rik	protein_coding	4.11	3.88	4.20	4.25	2.82	3.05	3.30	3.48
Down	ENSMUSG00000022210	-1.06	2.85E-03	Dhrs4	protein_coding	5.80	6.11	5.53	5.69	5.15	5.47	3.54	4.55
Down	ENSMUSG00000054191	-4.57	2.87E-03	Kif1	protein_coding	2.30	2.76	2.93	2.86	2.00	2.00	2.00	2.12
Down	ENSMUSG00000026177	-1.50	2.87E-03	Slc11a1	protein_coding	4.07	3.53	3.70	4.37	3.81	2.70	3.07	2.92
Up	ENSMUSG00000048772	1.68	2.88E-03	Tmem53	protein_coding	3.99	4.68	3.23	3.78	4.82	4.99	5.17	5.11
Down	ENSMUSG00000031983	-3.98	2.89E-03	Olfir57	protein_coding	2.65	3.26	2.93	3.27	2.00	2.12	2.00	2.24
Down	ENSMUSG00000095677	-2.21	2.89E-03	Dynhl1	protein_coding	3.25	3.26	2.95	3.36	2.37	3.15	2.35	2.34
Down	ENSMUSG00000044811	-1.97	2.88E-03	Cd300c2	protein_coding	4.57	4.46	4.46	4.22	3.80	3.24	2.54	3.24
Down	ENSMUSG00000031160	-4.79	2.89E-03	Eras	protein_coding	2.30	2.55	2.54	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000021322	-2.27	2.90E-03	Acah	protein_coding	4.07	4.09	4.05	4.53	3.50	2.92	2.00	2.34
Down	ENSMUSG00000072584	-3.81	2.91E-03	Gm7489	protein_coding	2.94	2.43	2.93	2.49	2.13	2.00	2.00	2.12
Down	ENSMUSG00000043953	-3.97	2.92E-03	Ccr12	protein_coding	2.65	3.57	3.80	3.60	2.00	2.34	2.00	2.24
Down	ENSMUSG00000046031	-5.66	2.93E-03	Calhm6	protein_coding	2.43	2.76	3.23	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000060572	-1.38	2.94E-03	Mfap2	protein_coding	3.31	4.01	4.24	3.69	2.85	3.35	2.92	2.92
Down	ENSMUSG00000054702	-1.23	2.94E-03	Ap1s3	protein_coding	4.91	4.50	3.97	4.70	2.90	3.52	3.40	4.31
Down	ENSMUSG00000032083	-3.88	2.96E-03	Apoa1	protein_coding	3.61	2.00	3.23	3.60	2.00	2.00	2.00	2.24
Down	ENSMUSG00000035472	-2.07	3.00E-03	Slc25a21	protein_coding	4.82	4.64	3.93	4.43	2.78	2.78	2.93	3.66
Down	ENSMUSG00000039783	-1.55	3.01E-03	Kmo	protein_coding	3.77	4.09	4.27	4.58	3.24	2.85	3.00	3.48
Down	ENSMUSG00000094396	-2.31	3.02E-03	Vmn2r124	protein_coding	4.18	4.93	4.17	4.42	2.25	2.85	3.00	3.39
Down	ENSMUSG00000036687	-1.55	3.02E-03	Tmem184a	protein_coding	4.18	3.57	5.30	4.37	2.66	3.22	3.63	3.23
Up	ENSMUSG00000043												

Up	ENSMUSG00000042631	1.16	4.08E-03	Xkr7	protein_coding	3.50	4.13	3.09	3.69	3.92	4.70	4.57	4.77
Down	ENSMUSG00000090019	-1.75	4.11E-03	Gimap1	protein_coding	3.72	3.83	3.60	3.74	2.82	3.28	2.35	2.34
Down	ENSMUSG00000071068	-1.70	4.11E-03	Trem1	protein_coding	3.91	4.05	4.34	4.37	2.47	3.47	2.86	3.23
Down	ENSMUSG00000078302	-1.64	4.11E-03	Foxd1	protein_coding	3.25	3.92	3.70	4.19	3.17	2.92	2.00	3.06
Down	ENSMUSG00000031927	-2.61	4.12E-03	1700012B09Rik	protein_coding	3.25	3.83	3.80	3.60	3.74	2.12	2.00	2.70
Down	ENSMUSG00000040752	-1.17	4.12E-03	Myh6	protein_coding	4.29	4.27	4.30	4.72	3.40	3.43	3.19	4.02
Up	ENSMUSG00000025205	1.03	4.15E-03	Oprk1	protein_coding	4.29	4.13	4.45	4.34	4.31	4.46	5.34	4.72
Down	ENSMUSG00000063060	-1.53	4.15E-03	Sox7	protein_coding	4.22	4.27	3.89	4.31	2.25	3.47	3.71	2.70
Down	ENSMUSG00000025787	-1.18	4.17E-03	Tgm4	protein_coding	4.93	4.50	4.68	4.80	4.22	3.98	3.00	3.78
Down	ENSMUSG00000032591	-3.15	4.21E-03	Mst1	protein_coding	2.75	2.86	2.37	2.64	2.49	2.00	2.00	2.00
Down	ENSMUSG00000040562	-1.82	4.21E-03	Gstm2	protein_coding	2.75	3.73	4.27	3.82	2.57	2.00	3.00	3.12
Down	ENSMUSG00000096553	-1.81	4.21E-03	Gm10097	protein_coding	2.85	2.76	4.09	3.90	2.00	2.00	2.93	2.70
Down	ENSMUSG00000059060	-2.19	4.26E-03	Rad51b	protein_coding	3.44	4.44	3.75	4.12	3.11	2.12	2.35	3.06
Down	ENSMUSG00000030247	-2.12	4.27E-03	Kcnj8	protein_coding	2.94	4.82	4.09	3.98	3.17	2.70	2.00	3.12
Down	ENSMUSG00000028963	-4.59	4.31E-03	Uts2	protein_coding	2.30	3.39	2.00	2.86	2.00	2.12	2.00	2.00
Down	ENSMUSG00000047014	-2.29	4.31E-03	Catsperb	protein_coding	3.02	4.93	4.05	4.45	2.97	2.62	2.79	2.92
Down	ENSMUSG00000062593	-3.41	4.32E-03	Gm49339	protein_coding	3.02	2.95	2.74	3.15	2.00	2.12	2.13	2.24
Down	ENSMUSG00000028885	-1.95	4.32E-03	Smpd3b	protein_coding	2.94	3.52	3.97	4.02	2.25	2.85	2.35	2.99
Down	ENSMUSG00000007034	-3.20	4.35E-03	Slc44a4	protein_coding	2.54	3.26	3.01	3.98	2.00	2.00	2.00	2.70
Down	ENSMUSG00000035486	-1.48	4.35E-03	Pik5	protein_coding	5.19	4.77	5.24	5.30	2.37	2.92	4.45	4.70
Down	ENSMUSG00000040489	-2.98	4.37E-03	Sox30	protein_coding	3.99	2.86	4.37	3.33	2.74	2.53	2.00	2.12
Down	ENSMUSG00000100586	-2.77	4.40E-03	Vmn1f90	protein_coding	2.85	3.26	3.97	3.78	2.66	2.53	2.13	2.00
Down	ENSMUSG00000076433	-1.87	4.41E-03	Cep295nl	protein_coding	2.43	3.03	4.17	3.94	2.90	2.24	2.54	2.00
Down	ENSMUSG00000113061	-1.87	4.42E-03	Gm11361	protein_coding	2.65	2.43	3.49	2.69	2.00	2.34	2.24	2.54
Down	ENSMUSG00000033187	-2.40	4.43E-03	BC016579	protein_coding	3.95	3.26	4.09	4.02	2.66	2.85	2.00	2.70
Down	ENSMUSG00000033794	-2.37	4.43E-03	Lpcat2b	protein_coding	2.75	3.03	3.16	3.45	2.00	2.00	2.79	2.24
Down	ENSMUSG00000029298	-1.85	4.43E-03	Gbp9	protein_coding	4.03	4.53	4.52	4.92	2.37	3.77	2.71	3.57
Down	ENSMUSG00000044338	-3.07	4.44E-03	Aplnr	protein_coding	3.38	3.97	3.36	2.94	2.47	2.00	2.35	2.24
Down	ENSMUSG00000079698	-2.98	4.46E-03	Vmn2r93	protein_coding	4.48	4.34	3.80	4.48	2.25	2.24	2.00	3.39
Down	ENSMUSG00000012705	-2.65	4.46E-03	Retn	protein_coding	3.38	2.30	2.74	2.94	2.00	2.24	2.24	2.34
Down	ENSMUSG00000024521	-1.54	4.50E-03	Pmaip1	protein_coding	3.25	4.86	4.43	4.19	3.69	2.74	2.93	3.24
Down	ENSMUSG00000040139	-1.07	4.51E-03	943003801Rik	protein_coding	4.62	4.91	4.95	5.28	3.85	4.30	4.35	3.74
Down	ENSMUSG00000022461	-2.91	4.52E-03	Pik5	protein_coding	2.54	3.19	2.54	2.86	2.00	2.00	2.00	2.70
Down	ENSMUSG00000010176	-2.97	4.52E-03	Vmn2r115	protein_coding	3.91	4.50	4.54	4.62	2.13	2.00	3.34	2.00
Down	ENSMUSG00000055010	-2.51	4.53E-03	A830031A19Rik	protein_coding	3.31	3.52	2.74	3.39	2.00	2.92	2.00	2.12
Down	ENSMUSG00000056257	-3.45	4.58E-03	Gm5447	protein_coding	3.91	3.33	2.84	3.55	2.00	2.00	2.35	2.44
Down	ENSMUSG00000020928	-2.69	4.61E-03	Hgd1b	protein_coding	4.07	3.57	3.36	3.27	2.00	2.34	2.13	2.92
Down	ENSMUSG00000056144	-2.58	4.61E-03	Trim34a	protein_coding	3.77	4.44	3.97	4.55	2.13	2.00	3.07	3.17
Down	ENSMUSG00000019893	-1.62	4.62E-03	Ros1	protein_coding	3.91	4.67	4.95	5.24	3.11	3.65	3.54	3.74
Down	ENSMUSG00000011305	-2.27	4.65E-03	Plin5	protein_coding	3.25	3.46	3.16	2.94	2.00	2.44	2.00	2.78
Down	ENSMUSG00000019734	-1.23	4.67E-03	Tmc4	protein_coding	4.48	4.53	4.73	4.02	4.31	2.85	2.93	3.62
Down	ENSMUSG00000078598	-3.94	4.74E-03	Skint5	protein_coding	3.67	3.83	3.80	4.34	2.37	2.44	2.00	2.12
Down	ENSMUSG00000032322	-1.09	4.76E-03	Pstpip1	protein_coding	3.81	4.47	4.40	4.09	2.66	3.28	3.97	3.53
Down	ENSMUSG00000047230	-2.80	4.77E-03	Cldn2	protein_coding	4.22	3.03	3.60	5.94	2.90	2.00	2.71	3.34
Down	ENSMUSG00000017723	-2.67	4.77E-03	Wfdc2	protein_coding	2.85	2.55	3.16	3.86	2.00	2.70	2.00	2.24
Down	ENSMUSG00000034837	-1.97	4.78E-03	Gnat1	protein_coding	3.50	3.46	3.43	3.50	2.66	2.44	2.00	2.92
Down	ENSMUSG00000022363	-3.94	4.80E-03	Tlec	protein_coding	4.51	3.92	3.70	3.92	2.00	2.12	2.00	2.82
Down	ENSMUSG00000028307	-1.85	4.84E-03	Aldob	protein_coding	3.91	3.83	4.40	4.74	2.00	2.98	3.19	3.57
Up	ENSMUSG000000553475	1.14	4.85E-03	Tnfrap8	protein_coding	5.26	5.52	5.22	5.24	7.35	5.02	5.84	6.31
Down	ENSMUSG00000026070	-3.00	4.86E-03	Il18r1	protein_coding	3.56	3.46	4.24	3.98	2.74	2.12	2.00	2.62
Down	ENSMUSG00000054383	-1.06	4.94E-03	Pnma1	protein_coding	4.03	4.95	4.63	4.74	3.73	4.16	3.45	3.78
Down	ENSMUSG00000032436	-2.13	4.95E-03	Cmtm7	protein_coding	3.91	4.53	4.09	4.02	2.00	3.11	2.00	3.57
Up	ENSMUSG00000028865	1.08	5.00E-03	Cd1642	protein_coding	4.59	4.20	4.07	3.60	5.42	4.49	4.79	4.98
Down	ENSMUSG00000095562	-5.12	5.11E-03	Gm21887	protein_coding	2.75	2.55	2.84	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000074676	-4.91	5.11E-03	Foxs1	protein_coding	2.65	2.55	2.84	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000030708	-1.71	5.11E-03	Dnajb13	protein_coding	3.81	4.50	3.60	4.22	3.11	2.70	2.54	3.44
Down	ENSMUSG00000030484	-1.62	5.15E-03	Cyp4f18	protein_coding	3.72	4.22	3.80	4.22	3.20	2.72	2.71	2.99
Down	ENSMUSG00000015355	-3.10	5.16E-03	Cd48	protein_coding	3.44	3.03	3.01	3.00	2.00	2.62	2.00	2.12
Down	ENSMUSG00000053783	-1.66	5.18E-03	1700016K19Rik	protein_coding	3.67	4.50	4.24	4.98	3.77	3.77	2.63	2.24
Down	ENSMUSG00000079560	-3.83	5.21E-03	Hoxa3	protein_coding	3.67	3.33	3.97	3.78	2.12	2.13	2.00	2.54
Down	ENSMUSG00000032454	-2.54	5.21E-03	Tdgf1	protein_coding	4.39	3.68	3.43	3.60	2.00	2.70	2.24	2.92
Down	ENSMUSG00000049241	-2.28	5.21E-03	Hcar1	protein_coding	3.18	3.97	3.65	3.39	2.00	2.44	2.86	2.54
Down	ENSMUSG00000024575	-1.21	5.22E-03	Pde6a	protein_coding	4.26	4.69	4.30	4.50	2.57	3.38	4.19	3.62
Down	ENSMUSG00000066071	-5.30	5.23E-03	Cyp4a12a	protein_coding	3.10	3.39	3.43	3.90	2.00	2.00	2.00	2.24
Down	ENSMUSG00000073043	-4.68	5.25E-03	Atoh1	protein_coding	3.61	3.33	3.49	3.39	2.00	2.00	2.00	2.34
Down	ENSMUSG00000050865	-3.21	5.25E-03	Olfir1494	protein_coding	3.61	3.33	3.89	3.65	2.00	2.24	2.35	2.54
Down	ENSMUSG00000040046	-2.11	5.27E-03	Tph1	protein_coding	4.15	4.17	4.13	4.09	3.23	2.24	2.00	3.39
Down	ENSMUSG00000006204	-1.62	5.30E-03	5430419D17Rik	protein_coding	4.54	5.31	5.67	5.48	3.89	4.24	3.19	4.28
Down	ENSMUSG00000090121	-3.80	5.33E-03	Abhd12b	protein_coding	3.61	3.11	3.30	3.45	2.25	2.00	2.00	2.34
Down	ENSMUSG00000043036	-2.36	5.33E-03	Ccdc63	protein_coding	3.86	3.46	4.46	4.78	2.98	3.78	2.35	3.79
Down	ENSMUSG00000016496	-1.48	5.38E-03	Cd274	protein_coding	4.98	4.67	4.20	4.85	4.34	2.70	3.30	3.48
Down	ENSMUSG00000100512	-4.16	5.39E-03	Ovo3	protein_coding	2.43	2.86	2.29	2.69	2.00	2.00	2.00	2.12
Down	ENSMUSG00000029547	-1.86	5.42E-03	Ilgse4	protein_coding	4.48	4.41	3.93	3.93	2.13	3.70	3.94	3.70
Down	ENSMUSG00000027702	-2.76	5.45E-03	Lrrc34	protein_coding	3.31	3.39	3.23	3.69	2.00	2.00	2.00	2.12
Down	ENSMUSG00000027995	-2.61	5.46E-03	Tlr2	protein_coding	4.26	3.57	4.09	3.08	2.90	2.70	2.00	2.24
Down	ENSMUSG00000095576	-2.60	5.47E-03	Fmo6	protein_coding	4.07	3.57	3.75	3.50	2.37	2.78	2.00	2.62
Down	ENSMUSG00000022871	-3.38	5.48E-03	Fetub	protein_coding	2.75	3.11	3.23	3.33	2.00	2.24	2.24	2.24
Down	ENSMUSG00000028544	-3.04	5.48E-03	Slc5a9	protein_coding	4.18	4.31	4.30	4.60	2.66	2.34	2.00	3.12
Down	ENSMUSG00000024696	-1.90	5.48E-03	Lpxn	protein_coding	3.81	4.05	3.84	4.12	2.82	3.28	2.45	2.62
Down	ENSMUSG00000004231	-1.83	5.49E-03	Pax2	protein_coding	4.03	3.92	3.89	4.19	3.04	2.24	3.19	2.92
Down	ENSMUSG00000035528	-2.85	5.51E-03	Npffr2	protein_coding	2.94	3.33	3.23	2.86	2.00	2.12	2.35	2.34
Down	ENSMUSG00000025747	-1.15	5.53E-03	Tyms	protein_coding	4.48	5.08	4.85	5.05	3.73	4.22	3.19	4.38
Down	ENSMUSG00000039376	-1.33	5.54E-03	Synpo2l	protein_coding	4.91	4.44	4.72	4.72	3.55	2.98	4.07	3.89
Down	ENSMUSG00000100838	-1.41	5.58E-03	Gm29094	protein_coding	4.89	4.53	4.54	4.55	3.89	2.62	3.79	3.66
Down	ENSMUSG00000022759	-1.31	5.58E-03	Lrrc74b	protein_coding	4.45	4.79	3.60	4.53	2.82	3.61	3.59	3.62
Down	ENSMUSG00000002578	-2.83	5.59E-03	Ikzf4	protein_coding	2.30	3.19	3.09	2.69	2.00	2.12	2.24	2.24
Down	ENSMUSG00000021636	-1.76	5.59E-03	Marveld2	protein_coding	3.38	3.88	3.89	3.88	2.00	3.22	2.94	2.92

Down	ENSMUSG00000042918	-1.24	5.63E-03	Mamstr	protein_coding	4.26	4.86	4.27	4.87	3.60	3.84	2.71	4.11
Down	ENSMUSG00000093839	-3.67	5.69E-03	Olfr462	protein_coding	4.26	4.17	3.84	3.39	2.00	2.34	2.00	2.70
Down	ENSMUSG00000050994	-1.55	5.69E-03	Adgb	protein_coding	4.22	5.64	5.19	5.30	4.62	4.62	2.00	4.20
Down	ENSMUSG00000039457	-1.09	5.70E-03	Ppl	protein_coding	5.26	5.19	6.04	5.94	4.22	4.72	4.92	4.61
Down	ENSMUSG00000042961	-1.49	5.74E-03	Egflam	protein_coding	4.77	4.77	4.89	4.89	4.22	4.72	2.45	4.81
Down	ENSMUSG00000029695	-1.27	5.74E-03	Aass	protein_coding	4.72	4.79	4.24	4.96	3.64	3.87	2.71	4.23
Down	ENSMUSG00000015173	-1.20	5.75E-03	Rnls	protein_coding	4.75	4.75	4.93	4.93	2.24	2.47	3.75	4.41
Up	ENSMUSG00000110358	1.49	5.80E-03	A730009.09Rik	protein_coding	3.38	3.19	3.49	3.94	4.80	4.85	4.27	4.61
Down	ENSMUSG00000058513	-3.31	5.81E-03	Olfr801	protein_coding	2.75	4.24	3.89	4.02	2.74	2.12	2.00	2.34
Down	ENSMUSG00000026602	-2.71	5.82E-03	Nphs2	protein_coding	3.99	3.73	3.43	3.90	2.92	2.12	2.00	2.62
Down	ENSMUSG00000092335	-1.81	5.82E-03	Zfp977	protein_coding	3.10	3.68	4.05	3.69	3.04	2.00	2.54	2.99
Down	ENSMUSG00000048126	-1.08	5.88E-03	Col6a3	protein_coding	5.51	5.55	5.50	5.95	4.10	4.58	4.10	5.49
Down	ENSMUSG00000078599	-2.47	5.90E-03	Skint8	protein_coding	3.81	4.09	2.84	3.82	2.57	2.62	2.24	2.54
Down	ENSMUSG00000054836	-1.06	5.90E-03	Elp6	protein_coding	6.03	6.26	6.31	6.51	4.80	5.77	5.13	5.36
Down	ENSMUSG00000046650	-2.57	5.91E-03	Olfr1440	protein_coding	3.77	3.83	3.93	4.15	2.13	2.78	2.13	2.99
Down	ENSMUSG00000079546	-2.19	5.91E-03	Gm11146	protein_coding	2.43	3.78	2.29	3.15	2.00	2.78	2.00	2.35
Down	ENSMUSG00000030510	-2.40	5.92E-03	Cers3	protein_coding	3.50	3.92	3.43	4.50	2.13	2.78	2.24	3.06
Down	ENSMUSG00000046916	-4.51	6.00E-03	Myct1	protein_coding	2.30	3.68	3.01	2.77	2.00	2.12	2.00	2.00
Down	ENSMUSG00000022149	-4.64	6.01E-03	C9	protein_coding	3.67	3.52	3.23	3.27	2.00	2.00	2.00	2.34
Down	ENSMUSG00000038379	-2.20	6.01E-03	Ttk	protein_coding	4.42	4.01	4.09	3.94	2.86	2.24	3.07	3.06
Down	ENSMUSG00000066000	-4.04	6.04E-03	Zfp979	protein_coding	2.54	3.03	3.09	3.50	2.00	2.00	2.00	2.00
Down	ENSMUSG00000034917	-1.78	6.04E-03	Tjp3	protein_coding	4.32	4.01	3.36	4.74	2.47	2.44	2.71	3.92
Down	ENSMUSG00000026875	-2.21	6.05E-03	Traf1	protein_coding	4.51	4.27	3.84	4.28	2.00	3.22	2.86	3.06
Down	ENSMUSG00000027861	-2.01	6.06E-03	Casq2	protein_coding	3.67	4.20	3.49	3.78	2.90	2.24	2.54	2.99
Down	ENSMUSG00000050270	-1.83	6.06E-03	Tmem220	protein_coding	4.32	4.34	4.43	3.98	2.13	3.17	2.93	3.62
Down	ENSMUSG00000072572	-1.72	6.07E-03	Slc39a2	protein_coding	4.18	4.27	4.24	4.19	2.47	3.38	2.00	3.78
Down	ENSMUSG00000037627	-2.04	6.08E-03	Rgs22	protein_coding	4.98	5.43	5.37	5.41	2.82	4.22	2.00	4.38
Down	ENSMUSG00000026807	-1.10	6.08E-03	Ak8	protein_coding	3.86	4.24	4.13	4.50	2.97	3.17	3.59	3.81
Down	ENSMUSG00000067010	-3.23	6.09E-03	Vmn2r10	protein_coding	3.38	4.34	4.34	4.50	2.00	2.44	2.00	3.12
Down	ENSMUSG00000020434	-2.36	6.10E-03	4921536K21Rik	protein_coding	3.86	3.57	3.70	3.78	2.25	2.78	2.00	2.92
Down	ENSMUSG00000028558	-2.22	6.10E-03	Gair4	protein_coding	4.22	4.01	3.93	4.05	2.00	2.78	2.24	3.48
Up	ENSMUSG00000005611	1.02	6.11E-03	Mrv1	protein_coding	4.77	5.08	4.65	5.09	5.69	6.53	5.52	5.20
Down	ENSMUSG00000060470	-1.68	6.13E-03	Adigr3	protein_coding	3.91	4.05	4.17	3.55	3.29	2.47	3.07	3.06
Down	ENSMUSG00000022219	-1.45	6.14E-03	Gdab	protein_coding	4.89	4.17	4.48	4.48	2.74	2.79	4.28	4.28
Down	ENSMUSG00000031101	-1.58	6.16E-03	Sash3	protein_coding	4.26	4.01	3.75	3.90	2.00	3.43	2.71	3.39
Down	ENSMUSG00000030406	-1.73	6.17E-03	Gipr	protein_coding	3.18	3.63	4.13	3.86	2.13	2.34	3.07	3.23
Down	ENSMUSG00000034329	-1.42	6.18E-03	Brip1	protein_coding	4.32	4.27	4.80	4.37	2.90	3.52	3.40	3.74
Down	ENSMUSG00000067615	-4.73	6.19E-03	Krt81	protein_coding	3.10	3.73	2.64	2.86	2.00	2.00	2.00	2.24
Down	ENSMUSG00000024936	-2.39	6.19E-03	Kenk7	protein_coding	3.25	2.95	2.93	3.33	2.00	2.53	2.00	2.54
Down	ENSMUSG00000045877	-2.14	6.23E-03	4933415A04Rik	protein_coding	3.44	3.52	3.84	3.60	3.11	2.00	2.24	2.62
Down	ENSMUSG00000043659	-1.54	6.24E-03	Npsr1	protein_coding	4.45	4.50	4.52	4.92	2.66	3.11	4.33	3.17
Down	ENSMUSG00000018907	-2.49	6.26E-03	Alox12e	protein_coding	3.10	3.68	3.84	4.22	2.92	2.92	2.45	2.54
Down	ENSMUSG00000029299	-2.81	6.32E-03	Abcg3	protein_coding	3.18	3.88	3.93	3.90	2.00	2.00	2.00	2.78
Down	ENSMUSG00000048416	-1.46	6.33E-03	Mif1	protein_coding	4.82	4.05	3.89	4.42	4.04	4.04	2.63	3.12
Down	ENSMUSG00000024691	-1.53	6.35E-03	Fam111a	protein_coding	4.93	5.02	3.84	4.22	3.73	3.73	2.35	3.29
Down	ENSMUSG00000062659	-2.55	6.37E-03	Olfr461	protein_coding	4.18	4.20	4.17	4.19	3.35	2.00	2.92	2.92
Down	ENSMUSG00000115343	-4.61	6.38E-03	Vmn1r21	protein_coding	2.30	2.43	3.01	3.08	2.00	2.00	2.12	2.12
Down	ENSMUSG00000039616	-1.50	6.38E-03	Moccs	protein_coding	3.44	4.91	4.01	4.05	2.98	3.63	3.44	3.44
Down	ENSMUSG00000049588	-2.35	6.42E-03	Ccdc69	protein_coding	3.67	3.63	2.74	3.60	2.25	2.00	2.54	2.78
Down	ENSMUSG00000035606	-1.13	6.45E-03	Ky	protein_coding	5.19	5.31	5.07	4.91	3.23	4.51	4.00	4.59
Down	ENSMUSG00000049098	-3.43	6.50E-03	Olfr147	protein_coding	3.77	3.83	3.23	4.19	2.00	2.00	2.70	2.70
Down	ENSMUSG00000092032	-1.87	6.55E-03	Vmn2r59	protein_coding	3.91	4.95	4.68	5.19	2.97	3.63	3.63	3.12
Down	ENSMUSG00000054901	-1.19	6.57E-03	Arhgef33	protein_coding	5.31	4.86	5.07	4.82	3.31	4.82	4.87	4.31
Down	ENSMUSG00000031444	-4.79	6.59E-03	F10	protein_coding	2.94	2.66	3.70	3.20	2.00	2.00	2.00	2.24
Down	ENSMUSG00000091572	-2.59	6.60E-03	Vmn2r3	protein_coding	4.45	4.67	4.70	5.01	2.25	2.62	2.35	3.89
Down	ENSMUSG00000041660	-2.28	6.60E-03	Bbox1	protein_coding	4.07	4.64	4.40	4.87	3.69	2.92	2.00	2.85
Down	ENSMUSG00000059460	-2.66	6.61E-03	Olfr286	protein_coding	4.07	3.68	3.43	3.60	2.00	2.53	2.45	2.70
Down	ENSMUSG00000058163	-2.09	6.61E-03	Gms431	protein_coding	3.72	3.19	4.17	4.10	2.82	2.70	2.71	2.71
Down	ENSMUSG00000039098	-1.19	6.61E-03	Gm9767	protein_coding	5.47	4.56	4.30	4.63	3.89	4.10	4.07	3.23
Down	ENSMUSG00000031173	-4.10	6.71E-03	Otc	protein_coding	2.54	3.33	3.78	3.78	2.00	2.00	2.13	2.44
Down	ENSMUSG00000060131	-2.32	6.71E-03	Atp8b4	protein_coding	4.11	4.74	4.73	4.02	2.37	2.70	3.40	2.99
Down	ENSMUSG00000059327	-1.18	6.71E-03	Eda	protein_coding	5.10	5.10	5.11	5.44	5.11	4.49	4.79	3.89
Down	ENSMUSG00000029788	-2.75	6.74E-03	Cpa5	protein_coding	3.18	2.86	4.09	3.65	2.66	2.00	2.00	2.62
Down	ENSMUSG00000072980	-2.02	6.76E-03	Olp5	protein_coding	3.50	3.52	3.93	3.50	3.55	2.12	2.45	2.12
Down	ENSMUSG00000005628	-1.91	6.78E-03	Tmod4	protein_coding	3.31	3.46	3.01	3.55	2.57	2.24	2.00	2.99
Down	ENSMUSG00000037446	-1.75	6.78E-03	Tulp1	protein_coding	3.86	3.92	3.36	4.31	3.63	2.70	3.13	3.17
Down	ENSMUSG00000027720	-4.50	6.81E-03	Il2	protein_coding	2.75	2.16	2.93	2.86	2.00	2.00	2.00	2.12
Down	ENSMUSG00000073926	-3.97	6.84E-03	Olfr653	protein_coding	3.50	3.63	2.60	3.94	2.47	2.00	2.00	2.24
Down	ENSMUSG00000059900	-2.26	6.84E-03	Tmem40	protein_coding	4.07	3.52	3.49	3.82	3.23	2.00	2.00	2.70
Down	ENSMUSG00000107677	-2.06	6.85E-03	Olfr316	protein_coding	3.31	4.27	4.09	4.02	2.00	2.98	2.00	3.48
Down	ENSMUSG00000029026	-2.39	6.87E-03	Trp73	protein_coding	4.72	4.64	5.09	5.13	4.17	3.47	2.00	4.02
Down	ENSMUSG00000041696	-1.32	6.87E-03	Rasl12	protein_coding	3.61	3.78	5.02	4.74	3.29	2.70	3.71	3.85
Down	ENSMUSG00000027379	-2.55	6.89E-03	Bub1	protein_coding	3.72	3.57	3.89	3.89	2.00	2.92	2.00	2.92
Down	ENSMUSG00000047686	-1.94	6.90E-03	Rtp3	protein_coding	5.06	5.06	5.06	5.06	2.00	2.44	3.48	2.62
Down	ENSMUSG00000074003	-2.47	6.93E-03	Gucy2d	protein_coding	2.65	3.33	3.23	3.90	2.74	2.12	2.35	2.12
Down	ENSMUSG00000010830	-2.20	6.94E-03	Kdelr3	protein_coding	2.75	2.16	3.65	2.86	2.00	2.24	2.00	2.70
Down	ENSMUSG00000075104	-3.17	6.96E-03	Olfr1219	protein_coding	3.61	3.68	3.54	4.25	2.35	2.00	2.35	2.62
Down	ENSMUSG00000025701	-1.46	6.98E-03	Alox5	protein_coding	3.91	4.17	3.43	3.98	3.45	3.05	2.00	3.12
Down	ENSMUSG00000022220	-2.14	7.00E-03	Adcy4	protein_coding	4.22	3.88	3.84	4.82	2.00	3.61	2.54	2.92
Down	ENSMUSG00000038227	-1.76	7.00E-03	Hoxa9	protein_coding	3.44	3.46	3.60	3.39	2.37	2.53	2.63	2.85
Down	ENSMUSG00000045440	-2.10	7.11E-03	Insm2	protein_coding	3.31	2.76	2.64	3.55	2.13	2.00	2.79	2.34
Up	ENSMUSG00000020218	1.78	7.14E-03	Wif1	protein_coding	3.50	2.95	3.93	3.60	4.84	4.68	4.52	5.43
Down	ENSMUSG00000046643	-3.41	7.14E-03	Olfr218	protein_coding	2.75	2.95	3.36	3.39	2.00	2.34	2.00	2.24
Down	ENSMUSG00000043020	-1.24	7.15E-03	Wdr63	protein_coding	4.18	4.56	4.20	4.48	2.97	3.69	3.75	3.29
Down	ENSMUSG00000113255	-1.81	7.16E-03	Tes3-ps	protein_coding	3.44	3.11	3.23	2.69	2.00	2.53	2.00	2.00
Down	ENSMUSG00000075302	-1.57	7.16E-03	Erich2	protein_coding	4.89	4.05	3.70	5.17	2.90	4.24	2.71	3.29
Down	ENSMUSG00000023085	-1.11	7.20E-03	Tegln	protein_coding	3.77	4.37	4.75	4.53	3.69	2.85	4.19	3.23
Down	ENSMUSG00000079362	-1.97	7.22										

Down	ENSMUSG00000030148	-2.56	7.37E-03	Clec4a2	protein_coding	3.91	3.73	4.54	4.31	2.37	3.33	2.00	2.62
Down	ENSMUSG00000095932	-2.75	7.38E-03	Vmn1r49	protein_coding	3.77	4.31	3.70	4.39	2.47	2.44	2.00	3.12
Down	ENSMUSG00000021335	-2.86	7.43E-03	Slc17a1	protein_coding	4.07	3.46	2.74	3.50	2.66	2.00	2.35	2.24
Down	ENSMUSG00000047786	-1.60	7.45E-03	Lix1	protein_coding	3.31	3.52	4.09	4.37	2.90	2.24	2.93	3.39
Down	ENSMUSG00000075217	-2.99	7.51E-03	4833423E24Rik	protein_coding	4.07	3.83	3.70	3.60	2.07	2.53	2.00	2.80
Down	ENSMUSG00000028860	-2.79	7.51E-03	Sytl8	protein_coding	2.85	3.92	4.13	3.21	2.57	2.12	2.00	2.70
Down	ENSMUSG00000051922	-2.49	7.53E-03	Gnrf1f09	protein_coding	2.43	3.95	2.34	3.98	2.00	2.00	2.00	2.82
Down	ENSMUSG00000047115	-1.49	7.54E-03	Fam221a	protein_coding	4.51	4.41	3.65	4.55	3.64	2.92	2.79	3.57
Down	ENSMUSG00000029414	-1.45	7.54E-03	Kntc1	protein_coding	5.33	5.19	5.19	5.00	3.29	3.33	4.38	4.50
Down	ENSMUSG00000022824	-3.04	7.56E-03	Muc13	protein_coding	3.10	3.68	2.64	3.60	2.00	2.70	2.00	2.12
Down	ENSMUSG00000029184	-3.05	7.60E-03	Olfir109	protein_coding	4.18	4.37	3.54	4.28	2.00	2.53	2.54	2.78
Down	ENSMUSG00000047534	-1.37	7.60E-03	Mis18bp1	protein_coding	4.42	4.31	4.34	4.72	3.04	3.11	4.00	3.44
Down	ENSMUSG00000022876	-1.70	7.64E-03	Samsn1	protein_coding	4.51	4.01	3.97	4.67	2.74	2.62	3.83	3.12
Up	ENSMUSG00000047963	1.20	7.69E-03	Stbd1	protein_coding	4.75	4.44	3.43	4.48	5.49	5.74	4.82	5.27
Down	ENSMUSG00000026668	-2.43	7.75E-03	Ucma	protein_coding	4.15	4.09	2.74	3.65	2.97	2.00	2.00	2.85
Up	ENSMUSG00000043375	1.55	7.79E-03	Pcare	protein_coding	3.38	2.95	3.54	3.82	3.45	4.99	4.97	4.59
Down	ENSMUSG00000051029	-1.55	7.79E-03	Serpinb1b	protein_coding	4.07	4.37	3.16	4.67	3.50	2.62	3.24	3.06
Down	ENSMUSG00000047259	-1.11	7.79E-03	Mc4r	protein_coding	5.19	5.26	5.05	5.00	3.50	4.49	3.50	4.81
Down	ENSMUSG00000029683	-3.18	7.82E-03	Lmo2	protein_coding	3.25	3.52	4.49	3.78	2.97	2.00	2.00	2.24
Down	ENSMUSG00000025477	-1.15	7.89E-03	Abcc2	protein_coding	4.67	4.52	5.00	4.58	3.96	3.73	3.24	4.14
Down	ENSMUSG00000025194	-1.29	7.90E-03	C130026121Rik	protein_coding	4.98	4.64	4.80	5.28	3.40	4.22	3.95	3.95
Down	ENSMUSG00000069792	-5.21	7.91E-03	Wfdc17	protein_coding	3.67	2.76	2.29	3.01	2.00	2.12	2.00	2.00
Down	ENSMUSG00000003283	-1.48	7.91E-03	Hck	protein_coding	3.77	4.20	3.60	3.94	2.00	3.11	3.45	2.99
Down	ENSMUSG00000051663	-2.93	7.94E-03	Pcdhb1	protein_coding	4.03	3.88	3.30	3.60	2.82	2.24	2.00	2.34
Down	ENSMUSG00000035836	-5.71	7.96E-03	Ugt2b1	protein_coding	3.10	3.73	3.23	3.01	2.00	2.00	2.00	2.12
Down	ENSMUSG00000030399	-2.06	7.96E-03	Ckm	protein_coding	3.25	2.66	3.54	3.98	2.00	2.00	2.93	2.78
Down	ENSMUSG00000035383	-3.03	7.99E-03	Pmch	protein_coding	2.75	3.39	3.09	3.01	2.00	2.12	2.35	2.24
Down	ENSMUSG00000031070	-2.79	8.00E-03	Mrgprf	protein_coding	3.77	3.19	2.74	3.55	2.00	2.00	2.54	2.54
Down	ENSMUSG00000043336	-1.12	8.00E-03	Filip1l	protein_coding	6.02	5.67	6.18	5.85	4.76	4.66	4.24	5.64
Down	ENSMUSG00000050150	-1.22	8.04E-03	Sic9b1	protein_coding	3.91	4.27	4.05	4.63	3.50	3.56	2.54	3.66
Down	ENSMUSG00000030869	-3.16	8.05E-03	Fam24a	protein_coding	2.65	2.66	2.74	2.69	2.00	2.00	2.00	2.34
Down	ENSMUSG00000001128	-1.30	8.09E-03	Ctp	protein_coding	3.38	4.01	4.49	4.55	2.97	2.62	3.75	3.53
Down	ENSMUSG00000007819	-3.95	8.16E-03	Rnf148	protein_coding	3.81	3.92	3.36	3.52	3.00	2.00	2.00	2.44
Down	ENSMUSG00000031595	-2.03	8.20E-03	Pdgfrf	protein_coding	3.25	3.92	4.17	4.42	3.04	3.04	3.29	2.71
Down	ENSMUSG00000026429	-2.17	8.23E-03	Ube2t	protein_coding	4.03	3.68	3.70	3.74	2.13	2.00	3.30	2.70
Down	ENSMUSG00000009108	-3.00	8.25E-03	Gnat2	protein_coding	4.22	3.52	3.01	3.27	2.00	2.00	2.00	2.99
Down	ENSMUSG00000015316	-1.73	8.27E-03	Slamf1	protein_coding	4.42	4.41	3.54	4.22	2.74	3.43	2.79	3.12
Down	ENSMUSG00000032207	-2.77	8.33E-03	Lipc	protein_coding	3.81	3.68	3.75	3.60	2.00	2.00	2.00	3.23
Down	ENSMUSG00000079679	-1.96	8.33E-03	Vwde	protein_coding	4.26	4.17	4.40	4.42	2.57	2.62	3.13	3.53
Down	ENSMUSG00000027276	-1.61	8.34E-03	Jag1	protein_coding	5.42	5.14	5.72	5.81	4.03	4.10	2.13	5.10
Down	ENSMUSG00000063954	-2.21	8.37E-03	Hist2haa2	protein_coding	3.31	3.52	3.23	3.45	2.82	2.34	2.00	2.44
Down	ENSMUSG00000030228	-1.29	8.38E-03	Plk3c2g	protein_coding	5.33	5.08	5.26	5.37	4.22	3.97	3.97	4.61
Down	ENSMUSG00000024402	-3.48	8.42E-03	Lta	protein_coding	3.38	2.76	3.09	3.39	2.00	2.12	2.00	2.44
Down	ENSMUSG00000042821	-3.62	8.47E-03	Snai1	protein_coding	2.54	2.95	3.36	3.33	2.00	2.00	2.45	2.00
Down	ENSMUSG00000025197	-3.03	8.47E-03	Cyp2c23	protein_coding	3.38	3.93	3.54	3.94	2.13	2.24	2.00	2.70
Down	ENSMUSG00000008937	-1.47	8.48E-03	Mmp19	protein_coding	4.32	4.05	5.29	4.63	2.13	4.30	2.79	4.36
Down	ENSMUSG00000031506	-2.38	8.54E-03	Ptprf	protein_coding	3.61	3.11	3.64	3.61	2.13	2.00	2.00	3.23
Down	ENSMUSG00000072812	-1.58	8.54E-03	Ahnak2	protein_coding	4.80	3.88	4.42	4.12	2.25	3.69	3.35	3.17
Down	ENSMUSG00000032369	-2.13	8.58E-03	Plscr1	protein_coding	3.86	3.26	3.75	4.05	2.00	2.53	3.13	2.62
Down	ENSMUSG00000045678	-2.51	8.60E-03	Olfir1489	protein_coding	4.03	4.89	4.37	4.78	2.00	3.05	2.79	3.39
Down	ENSMUSG00000021880	-2.28	8.60E-03	Rnase6	protein_coding	3.25	4.13	3.84	3.74	2.00	2.24	2.71	3.12
Down	ENSMUSG00000020395	-1.43	8.64E-03	Ilk	protein_coding	4.54	4.34	4.49	4.60	2.66	3.56	3.45	3.85
Down	ENSMUSG00000046942	-3.41	8.67E-03	Mageb16	protein_coding	2.94	2.86	3.49	3.74	2.37	2.24	2.00	2.12
Down	ENSMUSG00000009900	-4.49	8.71E-03	Wnt3a	protein_coding	2.94	2.86	3.36	2.86	2.00	2.00	2.00	2.24
Down	ENSMUSG00000020057	-1.06	8.72E-03	Dram1	protein_coding	3.99	4.44	4.43	4.37	3.00	3.17	3.35	3.53
Down	ENSMUSG00000069308	-3.01	8.76E-03	Hist1h2bp	protein_coding	2.85	2.55	2.29	2.77	2.00	2.24	2.00	2.12
Down	ENSMUSG00000026331	-2.76	8.76E-03	Sico6c1	protein_coding	3.50	3.57	2.64	3.82	2.57	2.24	2.24	2.44
Down	ENSMUSG00000020718	-1.14	8.83E-03	Polg2	protein_coding	4.82	4.67	5.01	4.70	3.73	2.71	3.73	3.81
Down	ENSMUSG00000008937	-1.93	8.85E-03	Tgfbf3l	protein_coding	2.43	3.11	3.01	3.39	2.00	2.62	2.45	2.24
Down	ENSMUSG00000031077	-1.05	8.85E-03	Fadd	protein_coding	5.08	4.67	4.70	4.78	4.00	4.27	4.28	4.28
Down	ENSMUSG00000058678	-3.25	8.86E-03	Lipm	protein_coding	3.50	3.52	3.60	3.94	2.00	2.00	2.00	2.70
Down	ENSMUSG00000029707	-2.13	8.87E-03	Fscn3	protein_coding	2.85	3.57	3.54	3.82	2.44	2.00	2.00	2.78
Down	ENSMUSG00000061928	-2.38	8.88E-03	Dsg1b	protein_coding	3.81	3.88	4.24	4.15	2.57	2.53	2.00	3.29
Down	ENSMUSG00000026395	-1.75	8.94E-03	Ptprc	protein_coding	5.55	6.11	5.83	6.07	5.19	4.40	2.13	4.38
Down	ENSMUSG00000024338	-1.67	8.95E-03	Psmb8	protein_coding	3.56	4.20	4.30	4.58	3.69	2.12	2.86	3.29
Down	ENSMUSG00000050105	-2.02	9.01E-03	Grp1	protein_coding	3.50	4.17	3.89	3.15	2.37	2.34	2.63	3.12
Down	ENSMUSG00000046207	-1.43	9.04E-03	Plk3r6	protein_coding	3.31	4.47	4.75	4.12	2.13	3.43	3.40	3.66
Down	ENSMUSG00000024600	-2.57	9.05E-03	Slc27a6	protein_coding	3.67	3.46	3.65	4.19	2.00	2.78	2.45	2.62
Down	ENSMUSG00000094672	-2.66	9.07E-03	Vmn2r25	protein_coding	3.44	4.24	4.43	4.34	2.82	3.11	2.00	2.34
Down	ENSMUSG00000037139	-1.04	9.08E-03	Myom3	protein_coding	4.65	4.53	4.78	5.25	4.31	3.47	3.67	4.31
Down	ENSMUSG00000035683	-2.14	9.13E-03	Melk	protein_coding	3.31	3.68	3.97	2.71	2.00	2.24	2.24	3.12
Down	ENSMUSG00000008937	-3.73	9.14E-03	Olfir427	protein_coding	2.94	3.97	3.54	3.86	2.00	2.12	2.13	2.54
Down	ENSMUSG00000023447	-1.22	9.19E-03	Npc1l1	protein_coding	4.42	4.09	3.97	4.42	3.35	3.11	2.00	3.63
Down	ENSMUSG00000041012	-1.20	9.19E-03	Cttnb9	protein_coding	4.80	4.41	3.97	4.70	3.35	4.07	3.07	4.38
Down	ENSMUSG00000074452	-1.45	9.22E-03	Pate2	protein_coding	3.86	4.44	3.65	4.25	2.74	3.05	3.19	3.44
Down	ENSMUSG00000043782	-3.80	9.24E-03	Bicdl2	protein_coding	3.18	3.73	3.49	2.94	2.00	2.34	2.00	2.24
Down	ENSMUSG00000050613	-4.45	9.26E-03	Olfir125	protein_coding	3.18	3.73	2.93	4.15	2.00	2.00	2.00	2.44
Down	ENSMUSG00000032915	-3.66	9.29E-03	Adgre4	protein_coding	3.91	3.52	3.23	3.60	2.00	2.00	2.00	2.70
Up	ENSMUSG00000025213	1.23	9.33E-03	Kazald1	protein_coding	3.67	4.05	3.43	3.55	4.66	3.69	5.05	4.83
Down	ENSMUSG00000069305	-1.45	9.33E-03	Hist1h4n	protein_coding	4.59	3.88	4.40	4.12	3.40	3.11	3.30	3.23
Down	ENSMUSG00000095864	-2.57	9.34E-03	Vmn1r77	protein_coding	4.26	5.14	4.43	4.85	3.69	2.78	2.13	2.78
Down	ENSMUSG00000054000	-1.05	9.34E-03	Tusc1	protein_coding	4.77	5.08	5.46	4.74	3.81	4.66	3.30	4.50
Down	ENSMUSG00000082980	-4.80	9.35E-03	Olfir1274-ps	protein_coding	3.31	4.13	3.49	3.08	2.25	2.00	2.00	2.12
Down	ENSMUSG00000000409	-1.26	9.35E-03	Lck	protein_coding	3.95	4.58	4.01	4.25	3.04	3.38	2.93	3.81
Down	ENSMUSG00000024033	-1.26	9.36E-03	Rsph1	protein_coding	5.92	5.52	4.57	6.37	4.47	5.10	3.07	5.08
Down	ENSMUSG00000028602	-2.39	9.40E-03	Tnfrsf8	protein_coding	3.31	3.78	3.54	3.21	2.25	2.00	2.00	3.12
Down	ENSMUSG00000030236	-3.14	9.41E-03	Sico1h2	protein_coding	4.32	3.26	3.70	3.98	2.00	2.53	2.00	2.54
Down	ENSMUSG00000031965												

Down	ENSMUSG00000024778	-1.91	9.53E-03	Fas	protein_coding	4.45	4.17	4.49	3.50	2.82	3.05	2.00	3.57
Down	ENSMUSG00000009876	-2.12	9.54E-03	Cox4i2	protein_coding	2.94	3.46	3.43	3.15	2.25	2.00	2.71	2.54
Down	ENSMUSG00000027961	-1.02	9.55E-03	Lrrc39	protein_coding	4.89	5.41	5.48	5.35	3.04	4.49	4.45	5.05
Down	ENSMUSG000000057751	-1.36	9.58E-03	Megf6	protein_coding	4.39	4.41	4.46	5.02	3.17	2.12	4.13	3.05
Down	ENSMUSG000000051313	-2.73	9.65E-03	Olfir1262	protein_coding	4.07	3.46	3.80	4.31	2.00	2.00	2.71	4.06
Down	ENSMUSG000000073491	-3.27	9.66E-03	Ifi1213	protein_coding	4.07	4.20	4.34	4.02	2.00	2.53	2.00	2.99
Down	ENSMUSG000000019444	-2.83	9.68E-03	Gata4	protein_coding	3.44	3.57	3.49	3.44	2.13	2.78	2.00	2.92
Down	ENSMUSG000000046886	-1.75	9.68E-03	Zfp474	protein_coding	3.56	3.97	3.43	3.98	2.57	3.07	2.62	3.07
Down	ENSMUSG000000053441	-2.49	9.67E-03	Adams19	protein_coding	5.00	4.91	4.82	5.40	2.90	3.17	2.54	3.85
Down	ENSMUSG000000023159	-1.62	9.67E-03	Psg29	protein_coding	4.15	4.31	3.49	4.05	2.47	3.11	3.13	3.17
Down	ENSMUSG000000031023	-1.07	9.67E-03	Akip1	protein_coding	4.57	4.41	4.89	4.45	3.40	3.28	3.59	4.46
Down	ENSMUSG000000001827	-1.92	9.68E-03	Folr1	protein_coding	5.75	4.31	3.80	5.82	4.06	3.91	2.13	3.78
Down	ENSMUSG000000069267	-2.78	9.70E-03	Hist1h3b	protein_coding	2.43	4.13	3.60	3.08	2.00	2.00	2.24	2.85
Down	ENSMUSG000000053469	-1.36	9.73E-03	Tg	protein_coding	4.82	4.50	4.80	4.89	3.04	3.80	3.07	4.41
Down	ENSMUSG000000004951	-2.36	9.75E-03	Hspb1	protein_coding	3.50	3.11	2.93	3.45	2.00	2.00	3.07	2.00
Down	ENSMUSG000000023959	-1.05	9.82E-03	Clic5	protein_coding	4.45	4.69	5.69	5.28	4.03	3.69	4.79	4.20
Down	ENSMUSG000000096373	-3.45	9.84E-03	Vmn2r31	protein_coding	3.02	4.27	4.13	3.86	2.00	2.00	2.00	2.99
Down	ENSMUSG000000040969	-2.52	9.90E-03	Arhgef38	protein_coding	4.45	4.01	4.46	5.35	2.00	2.78	2.35	3.89
Down	ENSMUSG000000091648	-1.90	9.91E-03	C2c04d	protein_coding	3.91	3.46	3.60	3.98	2.00	2.34	2.93	3.23
Down	ENSMUSG000000028182	-1.45	9.92E-03	Lrr1q3	protein_coding	3.25	3.78	4.13	4.25	2.82	2.65	3.00	2.54
Down	ENSMUSG000000031097	-4.05	9.96E-03	Tnni2	protein_coding	2.54	3.03	3.49	3.15	2.00	2.00	2.34	2.00
Down	ENSMUSG000000006313	-3.09	9.97E-03	Upk1a	protein_coding	3.02	2.55	3.43	3.27	2.00	2.34	2.00	2.34
Down	ENSMUSG000000075525	-3.34	1.51E-12	Gm10849	pseudogene	4.87	5.06	5.43	4.39	2.37	3.05	2.00	3.23
Down	ENSMUSG000000054304	-1.48	2.48E-04	D130007C19Rik	pseudogene	3.95	4.41	4.09	4.12	2.57	2.62	3.67	3.44
Down	ENSMUSG000000074467	-1.73	2.93E-04	Gm10702	pseudogene	4.80	5.02	4.85	4.58	4.13	2.44	3.00	3.85
Down	ENSMUSG000000046145	-2.13	7.45E-04	1700018M17Rik	pseudogene	3.91	3.52	3.60	3.27	2.74	2.24	2.24	2.85
Down	ENSMUSG000000092837	-5.18	5.55E-215	Rpph1	ribozyme	14.03	13.89	13.67	13.82	8.65	8.80	8.75	8.55
Down	ENSMUSG000000088088	-8.38	3.03E-98	Rmrp	ribozyme	11.31	11.03	11.00	11.00	3.17	3.84	3.19	3.29
Down	ENSMUSG000000080544	-4.62	2.78E-04	Gm22714	ribozyme	2.65	2.43	2.29	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG000000065887	-2.28	2.55E-05	n-R5s185	rRNA	2.30	3.03	3.80	3.08	2.47	2.34	2.00	2.44
Down	ENSMUSG000000084431	-4.65	1.43E-04	n-R5s48	rRNA	2.54	3.11	2.64	2.89	2.00	2.00	2.00	2.00
Down	ENSMUSG000000087721	-4.59	2.54E-04	Gm28280	rRNA	2.85	2.55	2.93	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG000000065652	-4.42	2.63E-04	n-R5s141	rRNA	2.30	2.55	2.64	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG000000065102	-4.05	1.34E-03	n-R5s50	rRNA	2.30	2.55	2.64	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG000000089465	-4.31	2.20E-03	Gm23702	rRNA	2.16	2.43	2.74	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG000000065837	-3.73	7.41E-03	n-R5s85	rRNA	2.43	2.43	2.15	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG000000077309	-4.28	7.88E-03	n-R5s8	rRNA	2.00	2.00	2.84	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG000000087881	-4.16	5.11E-124	Gm22442	scarRNA	8.18	8.06	8.13	7.93	3.50	4.10	4.54	4.55
Down	ENSMUSG000000089417	-6.63	9.82E-62	Gm22009	scarRNA	8.17	8.07	8.16	8.52	2.37	2.53	3.13	3.06
Down	ENSMUSG000000088185	-3.11	7.17E-49	Scarna2	scarRNA	8.92	8.80	8.84	8.78	6.00	5.21	6.37	5.36
Down	ENSMUSG000000088529	-7.00	1.27E-22	Gm26083	scarRNA	6.22	5.80	5.93	5.88	2.00	2.00	2.35	2.24
Down	ENSMUSG000000089281	-5.31	1.18E-21	Scarna6	scarRNA	5.70	5.15	5.04	5.34	2.00	2.62	2.00	2.44
Down	ENSMUSG000000087968	-3.13	6.59E-11	Gm25395	scarRNA	6.20	5.56	5.67	5.41	3.96	2.44	3.54	2.62
Down	ENSMUSG000000089536	-5.57	1.12E-06	Scarna3a	scarRNA	2.54	2.55	3.23	2.00	2.94	2.00	2.00	2.00
Down	ENSMUSG000000105288	-5.30	7.98E-06	Gm29820	scarRNA	2.75	2.66	2.84	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG000000088008	-4.13	2.50E-05	Gm29492	scarRNA	2.85	3.39	3.43	2.77	2.00	2.00	2.00	2.34
Down	ENSMUSG000000098151	-5.25	3.65E-05	Gm26347	scarRNA	2.65	2.76	2.93	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG000000088254	-4.69	6.10E-04	Gm24289	scarRNA	2.43	2.43	2.43	2.15	2.00	2.00	2.00	2.00
Down	ENSMUSG000000089235	-3.32	9.27E-04	Gm23119	scarRNA	2.94	3.68	3.01	2.94	2.00	2.53	2.00	2.00
Down	ENSMUSG000000106307	-4.04	1.57E-03	Gm23370	scarRNA	2.54	2.00	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG000000088158	-2.94	4.67E-03	Scarna3b	scarRNA	2.94	2.43	2.25	2.77	2.00	2.00	2.35	2.00
Down	ENSMUSG000000088990	-3.66	4.88E-03	Gm22767	scarRNA	2.94	2.30	2.42	2.86	2.00	2.00	2.00	2.24
Down	ENSMUSG000000099587	-4.17	3.33E-66	Gm28967	sense_intronic	7.52	7.35	7.31	7.31	3.69	3.80	4.04	3.12
Down	ENSMUSG000000085133	-1.14	3.41E-23	B930095G15Rik	sense_intronic	8.39	8.60	8.25	8.30	7.16	7.23	7.05	7.61
Down	ENSMUSG000000097042	-2.72	1.05E-11	Gm17491	sense_intronic	3.95	5.50	5.02	3.90	4.42	2.54	3.44	2.54
Down	ENSMUSG000000109460	-3.36	3.88E-11	Gm45591	sense_intronic	3.91	3.92	5.31	4.15	2.66	2.24	2.13	2.92
Down	ENSMUSG000000105824	-3.40	4.49E-11	Gm43466	sense_intronic	3.67	4.01	4.24	3.90	2.52	2.34	2.35	2.10
Down	ENSMUSG000000108297	-4.28	5.54E-11	Gm44167	sense_intronic	3.72	3.92	4.01	3.82	2.00	2.00	2.00	2.62
Down	ENSMUSG000000106099	-1.76	2.28E-10	Gm42664	sense_intronic	4.87	4.58	4.57	4.91	2.66	3.47	3.59	3.74
Down	ENSMUSG000000106229	-3.32	4.55E-07	Gm19409	sense_intronic	3.50	3.73	4.05	3.90	2.37	2.12	2.24	2.54
Down	ENSMUSG000000075538	-6.73	9.02E-10	Gm10855	sense_intronic	3.81	3.46	4.40	4.09	2.00	2.00	2.00	2.12
Down	ENSMUSG000000105864	-3.13	1.32E-09	Gm10484	sense_intronic	3.38	3.97	3.93	4.50	2.47	2.78	2.24	2.12
Down	ENSMUSG000000104969	-2.49	2.90E-09	Gm43445	sense_intronic	3.18	3.83	4.17	4.15	2.74	2.34	2.35	2.78
Down	ENSMUSG000000112734	-2.19	3.19E-09	Gm47644	sense_intronic	4.67	4.05	3.97	4.31	2.82	2.98	2.13	3.34
Down	ENSMUSG000000102302	-1.52	3.88E-09	Gm38190	sense_intronic	4.87	5.14	5.78	5.42	4.68	3.61	3.63	4.08
Down	ENSMUSG000000105677	-3.61	7.56E-09	Gm43328	sense_intronic	3.56	3.39	4.57	3.86	2.13	2.00	2.35	2.62
Down	ENSMUSG000000106032	-2.42	1.74E-08	Gm42463	sense_intronic	4.18	4.53	4.01	3.94	2.62	2.62	2.00	3.29
Down	ENSMUSG000000099924	-2.07	2.76E-08	Gm28320	sense_intronic	3.72	3.78	4.46	4.58	2.44	2.44	2.54	3.12
Down	ENSMUSG000000110471	-6.33	3.23E-08	Gm45823	sense_intronic	3.31	3.19	3.01	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG000000114253	-2.61	1.54E-07	Gm47798	sense_intronic	3.77	4.58	4.05	4.31	2.53	2.00	2.00	3.17
Down	ENSMUSG000000107688	-6.10	2.01E-07	Gm44091	sense_intronic	3.44	2.43	3.09	3.72	2.00	2.00	2.00	2.20
Down	ENSMUSG000000104284	-1.99	3.41E-07	Gm10862	sense_intronic	4.29	3.97	3.93	4.37	2.66	2.92	2.35	3.44
Down	ENSMUSG000000097894	-5.88	4.21E-07	Gm26543	sense_intronic	3.19	3.19	2.84	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG000000105561	-1.31	5.08E-07	Gm43482	sense_intronic	3.99	4.50	4.50	4.60	3.61	2.86	3.71	3.55
Down	ENSMUSG000000100158	-2.30	9.62E-07	Gm28119	sense_intronic	3.69	3.57	3.75	3.65	2.25	2.85	2.35	2.54
Down	ENSMUSG000000102136	-3.32	1.11E-06	Gm37107	sense_intronic	3.72	2.66	3.93	4.65	2.47	2.00	2.00	2.78
Down	ENSMUSG000000105818	-3.36	1.13E-06	Gm43256	sense_intronic	3.56	3.68	3.36	4.22	2.24	2.24	2.13	2.44
Down	ENSMUSG000000102142	-2.06	1.63E-06	Gm26930	sense_intronic	3.18	4.01	3.93	3.94	3.04	2.70	2.13	2.70
Down	ENSMUSG000000113041	-5.71	1.78E-06	Gm48302	sense_intronic	2.43	3.26	2.64	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG000000112229	-5.55	1.81E-06	Gm48086	sense_intronic	3.50	2.76	4.09	3.90	2.00	2.00	2.00	2.24
Down	ENSMUSG000000105137	-3.68	1.85E-06	Gm42869	sense_intronic	2.94	3.73	2.64	3.60	2.00	2.00	2.00	2.54
Down	ENSMUSG000000102397	-5.62	2.32E-06	Gm37573	sense_intronic	3.02	2.66	2.74	3.01	2.00	2.00	2.00	2.24
Down	ENSMUSG000000101778	-4.47	2.52E-06	Gm29488	sense_intronic	3.44	3.39	3.16	3.33	2.00	2.00	2.00	2.24
Down	ENSMUSG000000101450	-3.76	3.17E-06	Gm28941	sense_intronic	2.75	3.88	3.43	3.15	2.57	2.00	2.00	2.00
Down	ENSMUSG000000086012	-2.61	3.19E-06	Gm15902	sense_intronic	3.02	3.33	3.33	3.90	2.25	2.34	2.45	2.44
Down	ENSMUSG000000102517	-2.81	4.56E-06	Gm38085	sense_intronic	3.38	3.88	3.30	3.55	2.			

Down	ENSMUSG00000106287	-5.53	1.30E-05	Gm43585	sense_intronic	2.94	2.66	2.93	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105304	-1.59	1.37E-05	Gm43696	sense_intronic	4.26	4.01	4.09	4.31	3.04	3.38	2.00	3.57
Down	ENSMUSG00000106432	-3.83	1.69E-05	Gm43259	sense_intronic	3.02	3.39	3.60	2.00	2.24	2.13	2.24	2.24
Down	ENSMUSG00000113575	-5.45	2.26E-05	A930023M06Rik	sense_intronic	2.94	2.55	2.15	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104973	-3.12	2.40E-05	A530041M06Rik	sense_intronic	3.18	3.11	3.23	3.01	2.25	2.00	2.13	2.34
Down	ENSMUSG00000105287	-3.11	2.61E-05	Gm43577	sense_intronic	3.18	3.03	3.49	3.27	2.00	2.00	2.24	2.54
Down	ENSMUSG00000095527	-1.89	2.69E-05	Gm15535	sense_intronic	4.99	3.98	4.48	2.13	2.78	3.39	2.78	3.39
Down	ENSMUSG00000104867	-5.46	2.81E-05	Gm43728	sense_intronic	4.22	3.39	3.36	3.15	2.00	2.00	2.24	2.24
Down	ENSMUSG00000106212	-4.24	2.86E-05	Gm43112	sense_intronic	2.43	3.11	3.70	3.27	2.00	2.00	2.13	2.24
Down	ENSMUSG00000097559	-2.32	3.01E-05	D430018E03Rik	sense_intronic	3.67	3.73	3.97	3.45	2.25	2.00	2.13	3.34
Down	ENSMUSG00000105412	-5.10	3.03E-05	Gm43768	sense_intronic	2.30	2.66	3.01	3.55	2.13	2.00	2.00	2.00
Down	ENSMUSG00000102401	-2.70	3.08E-05	Gm37864	sense_intronic	3.02	3.78	3.60	3.39	2.00	2.00	2.93	2.24
Down	ENSMUSG00000104925	-4.08	3.43E-05	Gm43061	sense_intronic	3.44	2.86	2.54	3.39	2.00	2.12	2.00	2.24
Down	ENSMUSG00000086916	-1.43	3.75E-05	Gm15903	sense_intronic	4.15	4.13	3.97	4.28	3.17	3.11	3.40	2.99
Down	ENSMUSG00000114709	-2.38	3.85E-05	Gm47920	sense_intronic	3.72	3.52	2.64	3.94	2.13	2.78	2.00	2.70
Down	ENSMUSG00000107937	-2.68	4.30E-05	Gm44200	sense_intronic	2.85	3.57	4.05	3.69	2.00	2.24	2.00	3.06
Down	ENSMUSG00000104737	-3.78	5.24E-05	Gm42937	sense_intronic	3.18	3.26	3.09	3.15	2.00	2.44	2.00	2.00
Down	ENSMUSG00000085176	-4.33	6.75E-05	Gm15397	sense_intronic	3.18	3.33	3.60	2.77	2.00	2.12	2.00	2.24
Down	ENSMUSG00000090582	-4.08	7.17E-05	Gm17024	sense_intronic	3.25	3.11	2.84	3.21	2.13	2.00	2.24	2.00
Down	ENSMUSG00000111323	-4.89	7.65E-05	Gm48129	sense_intronic	2.16	2.76	2.64	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000090135	-4.63	1.03E-04	Gm15809	sense_intronic	2.75	2.16	3.01	2.94	2.00	2.00	2.12	2.00
Down	ENSMUSG00000106710	-2.21	1.48E-04	Gm43166	sense_intronic	2.75	3.46	3.97	3.27	2.57	2.00	2.62	2.62
Down	ENSMUSG00000104910	-2.77	1.56E-04	Gm43331	sense_intronic	4.29	3.19	2.93	2.86	2.00	2.63	2.54	2.54
Down	ENSMUSG00000100394	-3.37	1.61E-04	Gm28791	sense_intronic	2.85	3.11	3.09	2.77	2.00	2.00	2.44	2.44
Down	ENSMUSG00000102494	-2.60	1.68E-04	Gm36988	sense_intronic	3.44	3.52	3.84	3.33	2.00	2.44	2.00	2.92
Down	ENSMUSG00000113094	-4.79	2.03E-04	Gm47447	sense_intronic	2.54	2.86	2.64	3.15	2.00	2.00	2.12	2.12
Down	ENSMUSG00000093858	-2.17	2.11E-04	Gm19967	sense_intronic	3.44	3.03	3.23	3.15	2.00	2.12	2.35	2.85
Down	ENSMUSG00000102816	-1.72	2.46E-04	Gm37814	sense_intronic	3.86	3.46	3.70	3.74	2.13	2.85	2.24	3.39
Down	ENSMUSG00000089746	-4.71	2.51E-04	Gm3513	sense_intronic	2.54	2.43	2.54	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105986	-5.25	2.65E-04	Gm43065	sense_intronic	3.02	2.30	2.93	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106061	-3.13	2.71E-04	Gm43773	sense_intronic	2.75	2.86	3.75	2.94	2.00	2.53	2.00	2.12
Down	ENSMUSG00000108101	-4.81	2.81E-04	Gm45738	sense_intronic	2.43	2.43	2.93	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102357	-2.81	2.82E-04	Gm38348	sense_intronic	3.51	3.63	2.64	2.25	2.00	2.00	2.24	2.24
Down	ENSMUSG00000113765	-1.32	3.71E-04	Gm48027	sense_intronic	3.73	4.05	4.05	3.77	2.97	3.50	4.34	3.50
Down	ENSMUSG00000105062	-2.93	4.04E-04	Gm43113	sense_intronic	2.75	2.66	2.93	3.86	2.00	2.34	2.00	2.44
Down	ENSMUSG00000114851	-2.46	4.11E-04	Gm46409	sense_intronic	4.03	3.83	4.40	4.45	2.25	3.07	3.17	3.17
Down	ENSMUSG00000104721	-4.96	4.29E-04	Gm42696	sense_intronic	2.30	2.55	2.84	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106202	-4.41	4.66E-04	Gm43727	sense_intronic	3.10	3.73	3.01	3.21	2.00	2.00	2.34	2.34
Down	ENSMUSG00000085811	-1.67	4.75E-04	Cep112it	sense_intronic	4.15	3.78	4.34	4.02	3.69	2.62	2.63	2.85
Down	ENSMUSG00000105842	-2.24	5.25E-04	Gm43329	sense_intronic	3.56	3.88	3.01	3.82	2.00	2.00	3.24	2.44
Down	ENSMUSG00000108390	-3.33	6.82E-04	Gm39038	sense_intronic	2.16	2.95	3.70	2.49	2.00	2.00	2.45	2.00
Down	ENSMUSG00000112153	-1.00	7.50E-04	Gm47591	sense_intronic	4.03	4.05	4.52	4.22	3.43	2.82	3.87	3.66
Down	ENSMUSG00000106197	-2.08	7.92E-04	Gm42717	sense_intronic	3.25	2.95	3.75	3.15	2.97	2.00	2.13	2.44
Down	ENSMUSG00000100313	-4.53	8.38E-04	Gm28323	sense_intronic	3.02	2.95	2.15	2.59	2.00	2.00	2.12	2.00
Down	ENSMUSG00000111434	-2.35	9.32E-04	Gm47121	sense_intronic	3.25	3.43	3.01	3.27	2.00	2.53	2.00	2.44
Down	ENSMUSG00000102930	-2.07	1.03E-03	Gm38115	sense_intronic	2.75	2.11	3.60	2.69	2.25	2.44	2.00	2.92
Down	ENSMUSG00000094887	-4.11	1.19E-03	Gm11749	sense_intronic	2.16	2.00	2.54	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000107472	-4.70	1.27E-03	Gm44265	sense_intronic	2.00	2.95	3.23	2.69	2.00	2.00	2.13	2.00
Down	ENSMUSG00000105229	-3.42	1.28E-03	Gm43149	sense_intronic	2.43	2.55	3.23	3.45	2.00	2.00	2.44	2.44
Down	ENSMUSG00000092559	-4.71	1.39E-03	Gm20475	sense_intronic	2.00	3.03	2.15	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104764	-4.18	1.61E-03	Gm43066	sense_intronic	2.65	2.16	3.09	2.16	2.00	2.00	2.12	2.12
Down	ENSMUSG00000102331	-1.57	1.67E-03	Gm19938	sense_intronic	3.18	3.26	3.36	3.15	2.82	2.70	2.35	2.24
Down	ENSMUSG00000085908	-4.73	1.83E-03	Gm14209	sense_intronic	2.16	2.86	2.64	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000114598	-1.90	1.92E-03	D130062J10Rik	sense_intronic	2.94	3.52	3.54	3.65	2.47	2.00	2.00	3.29
Down	ENSMUSG00000105659	-2.28	2.00E-03	4930509H03Rik	sense_intronic	3.25	3.11	2.64	2.94	2.00	2.86	2.00	2.00
Down	ENSMUSG00000106107	-4.20	2.44E-03	Gm43190	sense_intronic	3.44	2.66	3.54	2.86	2.00	2.00	2.34	2.34
Down	ENSMUSG00000091079	-3.09	2.52E-03	Gm17105	sense_intronic	2.94	2.76	2.93	2.69	2.00	2.00	2.49	2.00
Down	ENSMUSG00000087342	-3.09	2.76E-03	Gm12238	sense_intronic	2.43	2.95	2.64	2.59	2.00	2.00	2.35	2.59
Down	ENSMUSG00000114602	-1.54	3.17E-03	Gm49223	sense_intronic	3.18	3.63	3.36	3.27	2.00	2.53	2.93	2.85
Down	ENSMUSG00000095793	-3.81	3.52E-03	Gm26971	sense_intronic	2.54	2.16	2.84	2.27	2.13	2.00	2.00	2.00
Down	ENSMUSG00000113183	-1.27	3.66E-03	Gm47664	sense_intronic	4.18	3.19	3.65	3.60	2.13	2.78	3.30	3.29
Down	ENSMUSG00000104874	-2.35	3.86E-03	Gm43387	sense_intronic	2.43	2.43	3.16	3.21	2.57	2.00	2.00	2.24
Down	ENSMUSG00000085093	-4.19	4.12E-03	Gm12737	sense_intronic	2.30	2.66	2.29	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105753	-1.85	4.38E-03	Gm43847	sense_intronic	3.67	3.63	2.74	3.21	2.00	2.93	2.85	2.85
Down	ENSMUSG00000104592	-5.20	4.59E-03	Gm42721	sense_intronic	2.54	2.43	3.36	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109399	-4.05	4.62E-03	Gm44982	sense_intronic	2.65	2.30	2.15	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105655	-1.95	4.76E-03	Gm42659	sense_intronic	3.50	3.88	2.29	3.55	2.00	2.98	2.00	2.78
Down	ENSMUSG00000090168	-2.56	4.93E-03	D630014O11Rik	sense_intronic	2.85	2.55	3.36	3.27	2.00	2.44	2.00	2.44
Down	ENSMUSG00000085724	-4.18	5.31E-03	Gm13096	sense_intronic	2.00	2.66	2.42	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108267	-1.91	5.69E-03	Gm44190	sense_intronic	2.94	3.03	3.23	3.08	2.00	2.24	2.13	2.00
Down	ENSMUSG00000110087	-2.53	5.80E-03	Gm45309	sense_intronic	2.00	3.46	2.42	2.51	2.00	2.53	2.00	2.12
Down	ENSMUSG00000099954	-2.24	6.35E-03	Gm28112	sense_intronic	3.25	2.95	2.64	3.55	2.82	2.00	2.00	2.34
Down	ENSMUSG00000092722	-1.75	6.35E-03	Gm6378	sense_intronic	3.44	3.92	3.92	3.90	2.00	3.35	2.00	3.35
Down	ENSMUSG00000098204	-1.95	6.45E-03	Gm26984	sense_intronic	3.67	3.39	4.23	3.27	2.00	2.13	2.82	2.82
Down	ENSMUSG00000104639	-3.39	6.54E-03	Gm42939	sense_intronic	2.43	2.43	2.64	3.39	2.37	2.00	2.00	2.00
Down	ENSMUSG00000113203	-4.02	7.45E-03	Gm47587	sense_intronic	2.43	3.03	2.29	2.27	2.00	2.12	2.00	2.00
Down	ENSMUSG00000100603	-2.93	7.46E-03	1700129L04Rik	sense_intronic	3.44	2.95	3.70	4.12	2.00	2.00	2.54	2.54
Down	ENSMUSG00000106522	-4.33	7.67E-03	Gm42871	sense_intronic	2.75	2.86	2.29	2.59	2.00	2.12	2.00	2.00
Down	ENSMUSG00000105199	-1.68	7.86E-03	Gm43581	sense_intronic	2.94	4.17	3.27	2.82	2.34	2.54	2.78	2.78
Down	ENSMUSG00000113886	-4.01	8.06E-03	Gm48905	sense_intronic	2.00	2.30	2.29	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000085638	-1.85	9.53E-03	Gm15521	sense_intronic	3.72	3.46	3.36	3.39	2.00	2.78	3.19	2.00
Down	ENSMUSG00000080705	-3.69	9.74E-03	Gm11948	sense_intronic	2.30	2.55	2.29	2.59	2.00	2.00	2.13	2.00
Up	ENSMUSG00000047935	1.90	2.99E-55	Sox1ot	sense_overlapping	7.64	7.70	7.45	9.54	9.55	9.55	9.57	9.51
Down	ENSMUSG00000090116	-4.81	9.01E-04	Gm15680	sense_overlapping	2.16	2.76	2.74	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089617	-4.17	3.33E-66	Scarna10	snoRNA	7.52	7.35	7.31	3.69	3.80	4.04	3.12	3.12
Down	ENSMUSG00000077394	-4.34	2.15E-53	Gm24339	snoRNA	6.05							

Down	ENSMUSG00000089542	-5.72	1.00E-23	Gm25835	snoRNA	5.69	5.74	5.81	5.63	2.74	2.00	2.13	2.24
Down	ENSMUSG00000088948	-3.30	3.21E-20	Gm23262	snoRNA	6.49	6.17	5.73	6.26	2.66	2.98	3.71	4.05
Down	ENSMUSG00000065259	-5.81	3.46E-19	Snora30	snoRNA	5.19	5.17	5.05	5.07	2.00	2.00	2.00	2.24
Down	ENSMUSG00000066549	-7.02	6.94E-19	Snora74a	snoRNA	6.34	6.43	6.13	5.94	2.00	2.00	2.00	2.62
Down	ENSMUSG00000065353	-5.57	2.04E-18	Snora73b	snoRNA	5.95	6.46	5.78	5.94	2.00	2.00	2.00	2.44
Down	ENSMUSG00000064380	-4.08	2.56E-18	Gm26448	snoRNA	4.48	5.12	4.60	4.78	2.00	2.98	2.00	2.44
Down	ENSMUSG00000064901	-3.95	2.92E-16	Snora21	snoRNA	5.74	5.74	5.45	5.37	2.00	2.00	2.00	2.24
Down	ENSMUSG00000080465	-3.95	1.71E-14	Gm22486	snoRNA	4.65	4.84	4.63	4.80	2.00	2.00	2.34	2.86
Down	ENSMUSG00000077637	-2.25	3.24E-14	Gm22771	snoRNA	5.42	5.72	5.35	5.07	3.04	4.01	3.35	3.78
Down	ENSMUSG00000064816	-2.38	3.26E-14	Gm22357	snoRNA	4.54	4.47	4.49	4.48	2.71	3.22	2.71	3.12
Down	ENSMUSG00000064387	-8.23	3.47E-14	Snora73a	snoRNA	5.83	6.06	5.65	5.94	2.13	2.00	2.00	2.12
Down	ENSMUSG00000087935	-8.51	4.77E-14	Snora81	snoRNA	5.45	4.79	4.80	3.90	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064841	-2.89	5.17E-14	Gm26205	snoRNA	4.72	4.61	4.43	5.07	3.40	2.78	2.71	2.12
Down	ENSMUSG00000064453	-2.56	1.05E-13	Snord21	snoRNA	4.26	4.31	4.63	4.42	2.66	2.78	2.71	2.99
Down	ENSMUSG00000077714	-5.33	3.12E-13	Snord17	snoRNA	5.54	5.44	5.48	5.38	2.00	2.00	2.00	2.99
Down	ENSMUSG00000095734	-1.95	3.58E-13	Gm23767	snoRNA	5.54	5.30	5.59	5.54	2.00	2.70	3.75	4.31
Down	ENSMUSG00000064451	-7.98	1.40E-12	Snora23	snoRNA	4.59	4.34	4.43	4.19	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064655	-2.74	3.48E-12	Gm25788	snoRNA	4.51	3.83	4.34	4.76	2.97	2.70	2.93	2.12
Down	ENSMUSG00000064653	-3.53	4.89E-12	Gm23442	snoRNA	4.32	4.13	4.30	3.82	3.11	2.00	2.00	2.12
Down	ENSMUSG00000090365	-4.93	9.45E-12	Gm25776	snoRNA	4.67	3.57	3.97	4.22	2.00	2.00	2.24	2.34
Down	ENSMUSG00000087819	-2.60	1.04E-11	Gm25117	snoRNA	4.26	4.05	4.24	4.09	2.44	2.57	2.44	2.85
Down	ENSMUSG00000064966	-2.97	2.23E-11	Snord15b	snoRNA	6.16	6.73	6.26	5.57	3.40	2.62	3.94	4.36
Down	ENSMUSG00000077391	-7.30	4.15E-11	Gm24336	snoRNA	4.57	4.64	4.09	4.34	2.00	2.00	2.12	2.24
Down	ENSMUSG00000065124	-3.74	5.28E-11	Snora65	snoRNA	3.95	4.01	3.75	4.31	2.13	2.00	2.00	2.85
Down	ENSMUSG00000093355	-6.99	4.98E-10	Snora26	snoRNA	3.72	3.78	3.54	3.55	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064585	-3.31	5.75E-10	Gm25129	snoRNA	3.95	3.92	3.65	3.69	2.00	2.12	2.24	2.78
Down	ENSMUSG00000065087	-2.95	1.39E-09	Snord22	snoRNA	4.62	4.09	4.78	2.57	2.00	3.24	2.62	2.24
Down	ENSMUSG00000084708	-2.43	1.92E-09	Gm22988	snoRNA	5.21	4.20	4.43	4.58	2.82	2.53	3.19	3.29
Down	ENSMUSG00000077167	-6.87	1.96E-09	Gm24119	snoRNA	4.03	3.26	3.97	2.00	2.59	2.00	2.00	2.00
Down	ENSMUSG00000080440	-3.94	3.78E-09	Gm25848	snoRNA	3.81	3.68	3.36	3.65	2.00	2.62	2.00	2.00
Down	ENSMUSG00000077506	-6.62	1.30E-08	Scama9	snoRNA	3.02	3.39	3.60	3.55	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065041	-4.20	1.74E-08	Gm24044	snoRNA	3.77	3.39	3.70	3.65	2.00	2.34	2.00	2.24
Down	ENSMUSG00000065126	-6.17	2.72E-08	Gm25084	snoRNA	3.73	3.16	3.67	3.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065862	-6.20	3.02E-08	Gm24029	snoRNA	3.02	3.52	2.93	3.33	2.00	2.00	2.00	2.00
Down	ENSMUSG00000092730	-5.97	1.20E-07	Snora24	snoRNA	3.72	3.19	3.30	3.55	2.00	2.00	2.00	2.12
Down	ENSMUSG00000065287	-2.79	1.64E-07	Gm24451	snoRNA	3.25	3.63	3.30	3.60	2.00	2.00	2.93	2.12
Down	ENSMUSG00000064994	-5.93	1.70E-07	Gm22422	snoRNA	3.38	3.39	3.54	3.39	2.00	2.00	2.00	2.12
Down	ENSMUSG00000077493	-2.22	1.76E-07	Snord91a	snoRNA	5.21	4.53	4.40	4.63	2.47	3.56	2.71	3.48
Down	ENSMUSG00000064604	-5.03	2.06E-07	Snora44	snoRNA	3.67	4.13	3.49	3.39	2.00	2.00	2.13	2.24
Down	ENSMUSG00000093044	-5.82	3.01E-07	Snord8	snoRNA	3.81	3.88	3.84	2.00	2.00	2.00	2.00	2.24
Down	ENSMUSG00000065840	-5.97	3.06E-07	Gm25187	snoRNA	2.65	3.39	3.16	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000070063	-5.90	3.08E-07	Snora33	snoRNA	2.85	3.39	3.01	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000084421	-2.55	5.15E-07	Gm25107	snoRNA	3.44	3.39	3.54	3.45	2.57	2.62	2.24	2.00
Down	ENSMUSG00000064925	-5.81	8.58E-07	Snora62	snoRNA	3.02	3.19	2.74	2.00	2.86	2.00	2.00	2.00
Down	ENSMUSG00000064797	-5.99	9.43E-07	Gm24357	snoRNA	3.77	3.57	3.36	3.08	2.00	2.00	2.00	2.12
Down	ENSMUSG00000065265	-5.97	9.66E-07	Gm23455	snoRNA	4.22	3.57	3.80	4.12	2.00	2.00	2.00	2.24
Down	ENSMUSG00000077625	-4.86	1.22E-06	Snord4a	snoRNA	3.56	3.52	3.75	3.55	2.00	2.00	2.24	2.24
Down	ENSMUSG00000087895	-5.49	1.62E-06	Gm23600	snoRNA	2.94	3.19	3.30	3.21	2.00	2.00	2.13	2.00
Down	ENSMUSG00000064563	-3.02	1.71E-06	Snora7a	snoRNA	4.80	5.26	4.93	5.00	2.37	2.00	3.75	2.85
Down	ENSMUSG00000065097	-4.45	2.80E-06	Snora16a	snoRNA	3.77	3.33	2.93	3.15	2.00	2.00	2.24	2.12
Down	ENSMUSG00000070167	-3.79	3.03E-06	Snora57	snoRNA	3.50	3.26	3.36	3.90	2.13	2.00	2.00	2.54
Down	ENSMUSG00000064858	-5.73	4.17E-06	Snora43	snoRNA	3.38	2.76	2.84	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065304	-5.47	4.20E-06	Gm23245	snoRNA	2.54	2.76	2.84	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000077254	-3.28	4.40E-06	Gm26079	snoRNA	3.86	4.17	4.30	3.74	2.00	2.00	3.13	2.12
Down	ENSMUSG00000094888	-5.47	4.49E-06	Gm25120	snoRNA	2.75	2.95	2.64	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065822	-4.06	5.30E-06	Snord15a	snoRNA	4.26	3.63	4.17	4.05	2.00	2.00	2.00	2.12
Down	ENSMUSG00000089509	-3.45	6.22E-06	Gm23474	snoRNA	3.31	2.66	3.36	3.21	2.12	2.00	2.00	2.44
Down	ENSMUSG00000065870	-3.38	7.99E-06	Rnu3a	snoRNA	4.36	3.03	4.49	3.99	2.00	2.00	2.54	2.00
Down	ENSMUSG00000088108	-5.33	8.55E-06	Snora47	snoRNA	3.10	3.52	2.64	2.13	2.00	2.00	2.00	2.70
Down	ENSMUSG00000090461	-5.23	1.06E-05	Gm22498	snoRNA	2.54	2.30	2.74	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064536	-5.54	1.17E-05	Gm23615	snoRNA	2.94	3.11	2.54	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064666	-5.43	1.34E-05	Snora52	snoRNA	3.10	2.95	2.42	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000088294	-1.99	1.59E-05	AF357425	snoRNA	3.44	3.73	3.36	3.60	3.04	2.12	2.45	2.54
Down	ENSMUSG00000064952	-5.47	2.13E-05	Gm24920	snoRNA	2.85	2.95	2.42	2.94	2.00	2.00	2.00	2.00
Up	ENSMUSG00000093784	1.89	2.28E-05	Gm22394	snoRNA	2.75	3.33	3.36	3.33	4.76	3.91	4.87	4.55
Down	ENSMUSG00000065715	-5.53	2.36E-05	Snord7	snoRNA	2.43	3.03	3.01	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000077505	-4.89	2.72E-05	Gm24233	snoRNA	3.44	3.03	3.16	3.27	2.00	2.12	2.00	2.12
Down	ENSMUSG00000088059	-5.32	2.90E-05	Mir1949	snoRNA	2.43	3.46	3.16	3.08	2.13	2.00	2.00	2.00
Down	ENSMUSG00000064600	-5.35	3.01E-05	Gm25636	snoRNA	2.65	2.66	2.64	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065016	-5.05	3.37E-05	Snora3	snoRNA	2.54	2.43	3.16	2.00	2.27	2.00	2.00	2.00
Down	ENSMUSG00000065899	-4.80	4.67E-05	Gm24523	snoRNA	2.94	2.66	2.84	2.86	2.13	2.00	2.00	2.00
Down	ENSMUSG00000065686	-5.18	4.72E-05	Snora5c	snoRNA	2.54	2.43	3.09	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000095099	-4.97	4.81E-05	Gm25175	snoRNA	2.54	2.76	2.64	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064890	-5.04	6.80E-05	Gm24201	snoRNA	2.16	3.03	2.64	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064620	-4.97	1.20E-04	Gm22303	snoRNA	2.43	2.86	2.54	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000084667	-2.24	1.27E-04	Gm23212	snoRNA	3.02	2.86	3.36	3.45	2.13	2.12	2.35	2.70
Down	ENSMUSG00000077565	-3.92	1.64E-04	Gm23201	snoRNA	2.85	2.95	2.42	3.60	2.00	2.00	2.35	2.00
Down	ENSMUSG00000096677	-2.05	1.72E-04	Gm24518	snoRNA	3.50	3.11	2.93	3.27	2.66	2.44	2.00	2.44
Down	ENSMUSG00000065799	-5.32	1.88E-04	Gm25517	snoRNA	2.30	2.76	2.15	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065878	-4.82	2.11E-04	Snord34	snoRNA	2.65	2.86	2.42	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064513	-3.58	2.25E-04	Snora9	snoRNA	2.85	2.86	3.01	3.45	2.00	2.00	2.00	2.44
Down	ENSMUSG00000064844	-4.80	2.33E-04	Gm26202	snoRNA	2.85	2.00	2.64	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000065750	-4.95	2.69E-04	Gm23346	snoRNA	2.65	2.30	2.54	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000064452	-4.63	2.71E-04	Gm24564	snoRNA	2.16	2.86	2.42	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000094068	-4.28	2.73E-04	Gm25156	snoRNA	2.94	2.86	2.93	2.94	2.00	2.12	2.00	2.12
Down	ENSMUSG00000092819	-2.18	2.73E-04	Gm23639	snoRNA	3.18	3.57	3.16	3.50	3.04	2.00	2.00	2.44
Down	ENSMUSG00000095208	-4.77	3.07E-04	Gm24916	snoRNA	2.00	2.30	3.09	3.33	2.00			

Down	ENSMUSG0000088835	-1.37	4.80E-04	Gm23547	snRNA	5.28	5.78	5.64	5.17	4.78	3.43	4.63	4.05
Down	ENSMUSG0000065036	-4.64	4.96E-04	Gm22362	snRNA	2.85	2.55	2.84	2.77	2.00	2.00	2.00	2.12
Down	ENSMUSG0000065226	-4.38	5.56E-04	Gm25791	snRNA	3.10	2.76	3.30	2.59	2.00	2.12	2.00	2.12
Down	ENSMUSG0000064612	-4.93	5.68E-04	Gm26457	snRNA	2.00	2.30	2.74	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG0000099684	-4.26	6.63E-04	Gm25989	snRNA	2.75	2.43	3.01	2.00	2.00	2.00	2.00	2.12
Down	ENSMUSG0000077390	-5.48	7.99E-04	Gm22661	snRNA	3.25	2.66	2.42	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG0000077321	-4.43	6.13E-04	Snora927	snRNA	2.03	2.02	2.00	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065676	-1.22	8.98E-04	Snord42b	snRNA	4.18	4.01	4.17	4.19	3.11	3.28	3.63	3.12
Down	ENSMUSG0000064405	-4.41	9.17E-04	Gm23925	snRNA	2.16	2.43	2.54	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065778	-1.52	9.43E-04	Gm22154	snRNA	3.10	3.57	3.36	3.86	2.90	2.53	2.79	2.62
Down	ENSMUSG0000077212	-4.84	1.00E-03	Snord69	snRNA	3.18	2.16	2.64	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG0000064621	-4.16	1.04E-03	Gm26922	snRNA	2.43	2.16	2.84	2.77	2.13	2.00	2.00	2.00
Down	ENSMUSG0000088308	-3.99	1.09E-03	Gm24507	snRNA	2.16	2.66	2.15	2.94	2.00	2.00	2.00	2.12
Down	ENSMUSG0000064427	-3.71	1.12E-03	Gm22748	snRNA	2.30	3.46	3.09	2.59	2.00	2.00	2.00	2.34
Down	ENSMUSG0000099411	-4.02	1.19E-03	Snord16a	snRNA	2.75	2.76	2.54	3.08	2.00	2.12	2.00	2.12
Down	ENSMUSG0000065272	-2.87	1.20E-03	Snord57	snRNA	3.02	3.26	3.01	2.69	2.37	2.00	2.13	2.24
Down	ENSMUSG0000099641	-2.42	1.39E-03	Gm25615	snRNA	3.10	2.86	2.42	3.08	2.00	2.00	2.45	2.34
Down	ENSMUSG0000065147	-3.97	1.47E-03	Snora31	snRNA	2.16	2.76	3.09	2.94	2.00	2.00	2.00	2.24
Down	ENSMUSG0000065013	-4.04	1.49E-03	Gm23508	snRNA	2.54	3.33	2.54	2.69	2.00	2.24	2.00	2.00
Down	ENSMUSG0000093925	-5.81	1.52E-03	Rnu3b2	snRNA	3.10	2.86	3.09	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG0000064767	-4.64	1.57E-03	Snord35b	snRNA	2.43	2.16	3.09	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065669	-5.29	1.71E-03	Gm22581	snRNA	2.65	2.55	2.74	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065282	-4.40	1.74E-03	Gm24455	snRNA	2.00	2.55	2.42	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065022	-5.10	1.79E-03	AF357341	snRNA	2.30	2.16	3.30	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG0000064823	-2.07	1.81E-03	Snord82	snRNA	3.31	3.39	2.64	3.21	2.37	2.44	2.35	2.34
Down	ENSMUSG0000089517	-4.19	1.89E-03	Gm24899	snRNA	2.00	2.76	2.54	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG0000099604	-4.30	1.90E-03	Gm27295	snRNA	2.16	2.55	2.42	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG0000077689	-4.86	1.92E-03	Gm22499	snRNA	2.30	2.16	2.84	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG0000099002	-2.93	1.92E-03	Gm25053	snRNA	2.65	2.86	2.93	2.59	2.00	2.00	2.00	2.44
Down	ENSMUSG0000077704	-4.05	2.04E-03	Snord89	snRNA	2.00	2.76	2.29	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG0000099026	-4.54	2.11E-03	Gm27604	snRNA	2.65	2.55	2.42	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG0000098943	-4.18	2.12E-03	Rnu3b1	snRNA	2.85	2.16	2.15	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065295	-4.18	2.13E-03	Gm23534	snRNA	2.16	2.66	2.29	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG0000077767	-4.58	2.29E-03	Snora35	snRNA	2.43	2.00	2.49	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065061	-3.09	2.41E-03	Gm22884	snRNA	2.43	2.95	2.64	2.59	2.00	2.00	2.35	2.00
Down	ENSMUSG0000065817	-4.61	2.50E-03	Gm24698	snRNA	2.00	2.43	2.84	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG0000064442	-3.73	2.56E-03	Gm26225	snRNA	2.94	2.30	2.74	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG0000065228	-3.91	2.57E-03	Gm25789	snRNA	2.16	3.03	2.54	3.08	2.00	2.00	2.13	2.12
Down	ENSMUSG0000084519	-3.39	2.64E-03	Gm22478	snRNA	2.30	2.30	3.65	3.15	2.00	2.00	2.00	2.44
Down	ENSMUSG0000080610	-4.64	2.68E-03	Snord110	snRNA	2.85	2.43	2.42	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065336	-1.60	2.74E-03	Snora34	snRNA	3.10	3.19	2.93	2.69	2.00	2.70	2.24	2.54
Down	ENSMUSG0000065818	-3.92	2.76E-03	Snord35a	snRNA	2.43	2.76	2.54	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG0000077734	-3.89	2.81E-03	Snord83b	snRNA	2.00	2.43	2.42	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065757	-4.41	2.82E-03	Gm23347	snRNA	2.75	2.30	2.00	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065728	-3.89	2.91E-03	Gm26175	snRNA	2.16	2.55	2.15	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG0000064994	-4.29	2.99E-03	Snord73a	snRNA	2.43	2.16	2.42	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG0000099427	-1.33	3.22E-03	Snord116i12	snRNA	3.39	3.39	3.30	3.04	2.54	2.54	2.54	2.54
Down	ENSMUSG0000065687	-2.49	3.27E-03	Gm23734	snRNA	2.94	2.16	3.01	3.01	2.13	2.00	2.00	2.54
Down	ENSMUSG0000070170	-4.50	3.48E-03	Gm24163	snRNA	2.16	2.55	2.29	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG0000080478	-3.89	3.65E-03	Snord23	snRNA	2.30	2.43	2.29	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG0000096496	-4.15	4.32E-03	Gm25646	snRNA	2.43	2.30	2.00	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG0000095868	-4.27	4.62E-03	Gm23136	snRNA	2.16	2.00	2.64	2.89	2.00	2.00	2.00	2.00
Down	ENSMUSG0000064450	-3.66	4.85E-03	Snord68	snRNA	2.65	2.43	2.64	2.66	2.00	2.00	2.00	2.00
Down	ENSMUSG0000077220	-3.09	5.25E-03	Snord78	snRNA	2.43	3.19	2.29	2.59	2.00	2.00	2.00	2.34
Down	ENSMUSG0000088875	-3.22	5.62E-03	Gm25862	snRNA	2.94	2.30	2.00	2.94	2.00	2.12	2.24	2.24
Down	ENSMUSG0000093830	-3.96	5.66E-03	Gm23145	snRNA	2.30	2.00	2.64	2.94	2.00	2.00	2.00	2.12
Down	ENSMUSG0000077698	-2.00	5.80E-03	Snord12	snRNA	2.30	2.66	3.16	3.15	2.00	2.00	2.13	2.44
Down	ENSMUSG0000065735	-3.71	5.83E-03	Snord80	snRNA	2.16	2.55	2.93	2.00	2.00	2.00	2.13	2.00
Down	ENSMUSG0000080542	-3.88	6.12E-03	Gm29617	snRNA	2.43	2.30	2.00	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065693	-3.16	6.59E-03	Gm22579	snRNA	2.94	2.66	2.54	2.59	2.00	2.00	2.34	2.34
Down	ENSMUSG0000077578	-4.63	6.74E-03	Gm25631	snRNA	2.65	2.43	2.54	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG0000064440	-3.44	7.03E-03	Gm26224	snRNA	2.54	2.76	2.29	2.69	2.00	2.00	2.24	2.24
Up	ENSMUSG0000093443	1.37	7.13E-03	Gm22871	snRNA	3.02	3.26	3.43	3.21	4.10	3.33	4.65	4.31
Down	ENSMUSG0000065378	-4.38	8.30E-03	Gm22744	snRNA	2.30	2.30	2.15	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG0000088372	-4.52	8.33E-03	Gm22881	snRNA	2.85	2.30	2.00	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG0000065219	-2.94	8.37E-03	Snord32a	snRNA	2.43	2.66	2.64	2.69	2.13	2.12	2.13	2.00
Down	ENSMUSG0000080518	-3.94	8.88E-03	Gm22193	snRNA	2.54	2.76	2.64	2.00	2.00	2.00	2.00	2.12
Down	ENSMUSG0000064811	-3.90	9.68E-03	Gm22358	snRNA	2.00	2.66	2.29	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG0000096243	-6.20	1.19E-04	Gm24265	snRNA	8.04	7.84	7.52	7.44	2.90	2.44	2.79	2.92
Down	ENSMUSG0000096349	-5.43	6.93E-03	Gm22513	snRNA	9.06	8.65	4.13	8.55	3.83	3.83	4.05	3.83
Down	ENSMUSG0000094377	-7.37	9.95E-03	Gm24407	snRNA	7.81	7.61	7.49	7.00	2.34	2.24	2.24	2.24
Down	ENSMUSG0000080542	-3.72	2.20E-12	Gm22710	snRNA	4.26	4.56	4.37	4.67	2.97	2.12	2.24	2.24
Down	ENSMUSG0000096455	-4.25	2.20E-12	Gm25360	snRNA	4.03	4.17	3.97	4.30	2.13	2.13	2.24	2.24
Down	ENSMUSG0000095590	-7.18	7.02E-11	Gm24305	snRNA	3.67	3.46	4.09	3.82	2.00	2.00	2.00	2.00
Down	ENSMUSG0000093843	-6.97	1.84E-10	Gm25939	snRNA	4.65	4.82	4.93	4.60	2.00	2.00	2.24	2.00
Down	ENSMUSG0000080538	-6.65	7.97E-09	Gm25541	snRNA	3.77	4.05	3.65	4.15	2.13	2.00	2.00	2.00
Down	ENSMUSG0000077323	-3.98	5.87E-07	Rnu11	snRNA	3.99	3.26	3.89	4.42	2.70	2.00	2.00	2.00
Down	ENSMUSG0000065176	-4.44	2.84E-06	Rnu12	snRNA	4.45	3.97	3.84	3.69	2.66	2.00	2.00	2.00
Down	ENSMUSG0000088549	-5.15	4.88E-05	Gm24959	snRNA	2.65	2.43	2.15	3.21	2.00	2.00	2.00	2.00
Down	ENSMUSG0000088378	-3.70	8.33E-05	Gm25184	snRNA	2.43	3.63	3.80	3.01	2.00	2.44	2.00	2.12
Down	ENSMUSG0000065627	-4.73	1.07E-04	Gm24803	snRNA	2.65	2.95	2.00	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG0000095676	-4.41	1.39E-04	Gm25099	snRNA	3.50	2.66	2.64	2.94	2.25	2.00	2.00	2.00
Down	ENSMUSG0000065251	-4.53	1.68E-04	Gm23971	snRNA	2.43	2.16	2.74	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG0000088951	-5.71	1.71E-04	Gm24940	snRNA	3.10	2.55	2.93	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG0000075833	-4.62	1.79E-04	Gm22003	snRNA	2.43	2.43	2.64	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG0000096391	-4.53	2.28E-04	Gm23686	snRNA	2.54	2.16	2.84	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG0000094772	-4.52	2.54E-04	Gm25202	snRNA	2.16	2.43	2.74	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG0000088783	-3.8											

Down	ENSMUSG00000084497	-4.85	5.74E-04	Gm22107	snRNA	2.54	2.16	2.29	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000089199	-3.55	5.75E-04	Gm25772	snRNA	2.85	2.76	2.84	2.94	2.00	2.00	2.00	2.34
Down	ENSMUSG00000093964	-4.65	5.84E-04	Gm22633	snRNA	2.54	2.95	2.29	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000094668	-4.09	6.67E-04	Gm24871	snRNA	2.65	2.43	2.64	2.49	2.00	2.00	2.00	2.12
Down	ENSMUSG00000094976	-4.29	7.45E-04	Gm25257	snRNA	2.65	2.40	2.15	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000095399	-4.18	8.24E-04	Gm24414	snRNA	2.43	2.30	2.54	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000096479	-4.43	1.02E-03	Gm25020	snRNA	2.54	2.43	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000096474	-4.64	1.04E-03	Gm23517	snRNA	2.00	2.66	3.01	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000096482	-4.04	1.19E-03	Gm25813	snRNA	2.43	2.43	2.42	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000096486	-4.04	1.36E-03	Gm23444	snRNA	2.65	2.16	2.00	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000098292	-4.52	1.41E-03	Gm23209	snRNA	2.00	2.55	2.74	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG000000964982	-4.44	1.51E-03	Gm25259	snRNA	2.16	2.66	2.74	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000093956	-2.80	1.88E-03	Gm24497	snRNA	3.18	2.43	2.64	3.39	2.13	2.53	2.00	2.00
Down	ENSMUSG000000964689	-3.89	2.29E-03	Gm25815	snRNA	2.16	2.16	2.64	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000093074	-3.21	2.82E-03	Gm25949	snRNA	3.18	3.03	3.49	2.94	2.00	2.62	2.00	2.00
Down	ENSMUSG00000096341	-4.05	2.86E-03	Gm22886	snRNA	2.30	2.30	2.64	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000096205	-2.57	3.39E-03	Gm22068	snRNA	3.10	3.03	3.54	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG000000964941	-3.72	3.73E-03	Gm23238	snRNA	2.30	2.30	2.00	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000090384	-3.50	4.04E-03	Gm22105	snRNA	3.18	2.30	2.93	2.77	2.13	2.00	2.00	2.24
Down	ENSMUSG00000097947	-4.05	4.24E-03	Gm24249	snRNA	2.30	2.00	2.93	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG000000964653	-3.87	4.51E-03	Gm26129	snRNA	2.30	2.16	2.15	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000095961	-3.56	4.72E-03	Gm24967	snRNA	3.02	2.55	2.93	2.86	2.00	2.24	2.00	2.12
Down	ENSMUSG00000095982	-4.37	4.87E-03	Rnu5g	snRNA	2.16	2.30	2.15	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000095738	-3.71	4.92E-03	Gm25313	snRNA	2.16	2.00	2.29	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000075864	-4.43	5.00E-03	Gm26002	snRNA	2.00	2.76	2.64	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG000000965191	-4.22	5.07E-03	Gm23458	snRNA	2.00	2.76	2.42	3.01	2.00	2.00	2.00	2.12
Down	ENSMUSG00000088119	-2.12	6.78E-03	Gm24060	snRNA	2.54	2.43	3.80	3.27	2.00	2.70	2.00	2.54
Up	ENSMUSG000000965819	3.85	7.38E-03	Gm24693	snRNA	2.00	2.00	2.00	2.00	2.25	2.92	2.00	2.12
Down	ENSMUSG000000964851	-3.52	7.43E-03	Gm24525	snRNA	2.16	2.16	2.15	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG000000965049	-4.62	7.57E-03	Gm24041	snRNA	2.00	2.86	2.42	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG000000965347	-4.51	7.61E-03	Gm25583	snRNA	2.65	2.30	2.15	2.89	2.00	2.00	2.00	2.00
Down	ENSMUSG000000964494	-4.45	7.68E-03	Gm22063	snRNA	2.00	2.86	2.93	2.00	2.12	2.00	2.00	2.00
Down	ENSMUSG000000964632	-4.09	7.69E-03	Gm23987	snRNA	2.16	2.30	2.00	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000094726	-3.72	7.77E-03	Gm23525	snRNA	2.94	2.43	2.43	2.13	2.00	2.00	2.00	2.00
Down	ENSMUSG00000094306	-3.32	9.10E-03	Gm24924	snRNA	2.54	2.55	2.29	2.00	2.00	2.00	2.00	2.12
Down	ENSMUSG00000094710	-4.10	9.27E-03	Gm22823	snRNA	2.54	2.55	2.54	2.38	2.00	2.00	2.00	2.12
Down	ENSMUSG00000087951	-4.29	9.52E-03	Gm22558	snRNA	2.00	2.00	3.01	2.38	2.00	2.00	2.00	2.00
Up	ENSMUSG00000098657	1.48	2.93E-05	Gm27675	snRNA	3.44	4.17	3.43	4.72	4.47	5.33	4.90	5.51
Down	ENSMUSG00000102900	-3.66	6.36E-283	Gm37811	TEC	9.15	9.07	9.10	8.95	5.72	5.50	5.38	5.51
Down	ENSMUSG00000102349	-4.26	1.89E-183	Gm37376	TEC	14.90	14.50	14.37	14.75	10.65	10.15	10.60	10.60
Up	ENSMUSG00000102796	2.91	1.17E-59	Gm37711	TEC	5.15	5.31	5.55	5.48	8.18	8.32	7.99	8.14
Down	ENSMUSG00000104459	-3.61	4.33E-59	Gm37824	TEC	7.53	7.37	7.48	3.17	4.47	4.47	4.75	4.75
Up	ENSMUSG000000966752	2.01	4.43E-58	Gm10176	TEC	6.33	6.28	6.06	5.82	8.12	7.95	8.20	8.04
Up	ENSMUSG00000110711	1.57	1.29E-43	Gm45760	TEC	7.21	7.46	7.25	7.24	8.80	8.65	9.08	8.76
Down	ENSMUSG00000115685	-1.88	7.78E-39	D730044K07Rik	TEC	8.95	8.88	8.81	8.83	6.82	6.82	7.08	6.96
Down	ENSMUSG00000110249	-2.13	1.68E-32	9330121K16Rik	TEC	7.17	7.29	7.02	7.17	4.56	5.41	5.49	5.02
Up	ENSMUSG00000113494	1.14	2.49E-31	Gm49759	TEC	8.47	8.38	8.58	8.58	9.63	9.63	9.28	9.28
Down	ENSMUSG00000102615	-1.27	1.61E-30	Gm37844	TEC	8.32	8.20	8.45	8.28	6.69	7.25	7.21	7.07
Down	ENSMUSG00000110350	-1.80	3.77E-30	Gm10252	TEC	8.48	8.19	8.55	8.44	6.72	7.05	6.23	6.52
Up	ENSMUSG00000103136	1.33	1.08E-29	Gm37980	TEC	6.13	6.03	6.18	5.95	7.42	7.28	7.28	7.42
Down	ENSMUSG00000104868	-1.90	7.26E-29	Gm9954	TEC	6.84	6.89	6.99	7.16	4.72	5.38	5.14	5.43
Down	ENSMUSG00000102555	-2.91	2.02E-27	6430511E19Rik	TEC	5.23	5.44	5.26	5.11	2.90	3.22	3.07	3.17
Up	ENSMUSG00000103001	1.15	1.33E-24	A930005N03Rik	TEC	7.01	6.79	6.83	7.12	8.19	7.99	7.86	8.20
Down	ENSMUSG00000102657	-2.91	1.00E-23	Gm37899	TEC	5.39	4.91	4.82	4.96	2.57	2.70	3.07	3.70
Down	ENSMUSG00000106826	-3.66	3.94E-23	Gm42583	TEC	4.87	4.82	5.00	4.82	2.00	2.00	2.00	2.70
Down	ENSMUSG00000108443	-4.52	5.21E-22	Gm44510	TEC	4.42	5.15	5.37	4.74	2.00	2.13	3.06	3.06
Down	ENSMUSG00000108912	-3.45	1.56E-21	E230020D15Rik	TEC	4.57	4.86	5.13	4.80	2.13	2.00	3.40	2.62
Up	ENSMUSG00000094868	2.48	6.24E-20	Dlx6os2	TEC	4.26	4.27	4.09	4.55	6.91	6.49	6.61	6.51
Down	ENSMUSG00000106320	-3.38	1.14E-19	Gm42992	TEC	5.04	4.31	5.07	4.42	2.24	2.00	3.17	3.17
Down	ENSMUSG00000102465	-4.07	1.49E-19	Gm38198	TEC	4.80	4.79	4.49	4.58	2.00	2.34	2.00	2.99
Up	ENSMUSG00000113589	1.09	5.22E-19	Gm48374	TEC	6.29	6.20	6.18	7.41	6.07	7.14	7.19	7.18
Down	ENSMUSG00000103146	-3.15	1.42E-18	Gm37745	TEC	4.15	4.89	4.60	4.67	2.90	2.85	2.13	2.62
Down	ENSMUSG00000104132	-3.29	2.64E-18	Gm36952	TEC	4.48	5.10	4.97	4.39	2.00	3.28	2.79	2.24
Down	ENSMUSG00000104443	-1.53	3.79E-18	4932442E05Rik	TEC	6.35	6.61	6.37	5.09	5.24	5.14	4.75	4.75
Down	ENSMUSG00000105449	-2.79	4.61E-18	Gm43379	TEC	5.34	5.88	6.16	5.88	3.04	4.16	3.19	3.53
Down	ENSMUSG00000104118	-4.04	6.82E-18	Gm37298	TEC	4.07	5.04	4.54	4.76	2.00	2.12	2.00	3.12
Down	ENSMUSG00000107320	-2.46	1.58E-17	Gm42549	TEC	4.87	4.84	5.09	5.04	3.29	3.61	2.00	3.29
Down	ENSMUSG00000109498	-3.72	1.91E-17	Gm45222	TEC	4.36	4.89	4.91	4.55	3.17	2.12	2.24	2.24
Up	ENSMUSG00000113662	1.08	2.33E-17	Gm35558	TEC	6.94	6.80	6.67	6.75	7.84	7.71	8.03	8.00
Down	ENSMUSG00000105985	-2.81	2.41E-17	Gm42993	TEC	4.22	5.00	4.93	4.63	3.38	2.63	2.63	2.63
Up	ENSMUSG00000107331	1.03	3.06E-17	Gm42732	TEC	7.63	7.47	7.48	7.37	8.48	8.66	8.41	8.46
Down	ENSMUSG00000104030	-4.58	1.29E-16	5330406M23Rik	TEC	4.59	4.67	4.17	4.25	2.37	2.34	2.00	2.24
Down	ENSMUSG000001124501	-2.48	1.49E-16	Gm48582	TEC	4.36	4.74	5.11	3.17	3.22	3.17	3.24	3.23
Down	ENSMUSG00000101823	-3.84	1.67E-16	Gm29438	TEC	4.29	4.20	4.40	2.25	2.00	2.37	2.35	2.85
Down	ENSMUSG00000111212	-3.67	2.08E-16	Gm47087	TEC	4.67	4.01	4.43	4.50	2.00	2.78	2.00	2.70
Down	ENSMUSG00000103697	-1.92	2.69E-16	Gm38020	TEC	5.21	5.78	6.28	6.35	4.03	3.73	4.61	4.59
Down	ENSMUSG00000108890	-2.95	3.11E-16	Gm44847	TEC	4.18	4.44	4.34	4.19	2.82	2.92	2.00	2.44
Down	ENSMUSG00000107118	-4.18	8.80E-16	Gm42986	TEC	4.22	4.72	4.40	4.05	2.66	2.00	2.00	2.44
Down	ENSMUSG00000109239	-3.40	1.44E-15	Gm45176	TEC	4.45	4.24	4.34	4.37	2.00	2.62	2.79	2.34
Down	ENSMUSG00000105771	-3.14	6.49E-15	2900064K03Rik	TEC	4.03	4.64	4.52	4.31	3.23	2.34	2.45	2.00
Down	ENSMUSG00000103924	-3.30	2.03E-14	Gm37895	TEC	4.29	4.82	4.27	4.39	2.13	3.28	2.00	2.34
Down	ENSMUSG00000102451	-2.14	2.90E-14	Gm37655	TEC	5.62	5.53	5.50	5.59	2.57	3.98	3.83	4.25
Down	ENSMUSG00000103696	-2.54	3.31E-14	Gm37531	TEC	4.18	4.44	4.20	4.55	2.90	2.45	2.45	2.99
Down	ENSMUSG00000103563	-3.06	8.43E-14	8030445P17Rik	TEC	3.95	4.89	4.49	4.25	2.66	2.44	2.00	3.12
Down	ENSMUSG00000105293	-3.03	9.22E-14	Gm42843	TEC	4.26	4.17	4.49	4.02	2.00	2.92	2.00	2.92
Down	ENSMUSG00000111496	-2.13	9.55E-14	Gm47483	TEC	4.57	5.06	5.09	4.76	2.57	3.73		

Down	ENSMUSG00000104503	-2.77	3.03E-13	Gm37738	TEC	4.48	4.31	4.52	4.53	2.00	2.78	2.63	3.23
Down	ENSMUSG00000116809	-4.09	3.13E-13	A630036G19Rik	TEC	4.15	3.73	4.49	4.60	2.00	2.12	2.00	2.85
Down	ENSMUSG00000114282	-3.15	3.74E-13	5330431K02Rik	TEC	3.56	3.63	4.49	4.39	2.00	2.00	2.00	2.85
Down	ENSMUSG00000108394	-2.74	4.91E-13	Gm45477	TEC	3.81	4.44	4.60	4.12	2.57	2.62	2.63	2.78
Down	ENSMUSG00000112601	-3.09	5.44E-13	Gm47590	TEC	3.67	4.20	4.78	4.05	2.00	2.70	2.00	3.06
Down	ENSMUSG00000109429	-2.27	7.92E-13	Gm45223	TEC	4.87	4.72	4.30	4.65	2.37	2.98	3.63	2.99
Down	ENSMUSG00000103064	-3.77	1.04E-12	Gm37558	TEC	4.15	4.53	4.20	4.55	2.00	2.70	2.00	2.44
Down	ENSMUSG00000107197	-3.24	1.13E-12	Gm45312	TEC	3.81	4.20	4.37	3.55	2.66	2.44	2.00	2.44
Down	ENSMUSG00000115276	-3.80	1.30E-12	9930017N22Rik	TEC	3.31	4.27	4.49	3.94	2.13	2.00	2.00	2.85
Down	ENSMUSG00000103183	-3.42	2.10E-12	Gm37090	TEC	3.56	4.41	3.93	4.22	2.00	2.85	2.00	2.44
Down	ENSMUSG00000108168	-3.74	2.14E-12	Gm43864	TEC	4.87	4.01	4.30	3.90	2.90	2.00	2.24	2.24
Down	ENSMUSG00000115275	-2.78	2.23E-12	9630050E16Rik	TEC	4.11	4.84	4.73	4.70	2.00	3.33	2.24	3.17
Down	ENSMUSG00000116867	-5.05	2.57E-12	Gm49677	TEC	4.18	4.41	4.40	4.02	2.13	2.24	2.00	2.24
Down	ENSMUSG00000111910	-2.67	2.59E-12	Gm47472	TEC	3.56	3.88	4.65	4.31	2.25	2.85	2.63	2.70
Down	ENSMUSG00000108521	-4.28	3.35E-12	Gm44639	TEC	3.99	3.83	3.75	4.45	2.00	2.44	2.00	2.34
Down	ENSMUSG00000105601	-2.46	3.67E-12	Gm42725	TEC	3.91	4.50	4.49	4.60	2.82	2.62	2.93	2.92
Down	ENSMUSG00000109812	-1.27	4.89E-12	Gm45640	TEC	6.76	6.13	6.39	5.92	5.30	5.21	5.07	5.06
Down	ENSMUSG00000102662	-3.21	5.38E-12	Gm38377	TEC	4.15	3.68	4.09	3.98	2.00	2.24	2.94	2.94
Down	ENSMUSG00000108812	-3.32	8.27E-12	C130063A15Rik	TEC	4.03	4.13	4.13	4.28	2.74	2.00	2.54	2.34
Down	ENSMUSG00000102498	-2.18	8.77E-12	Gm19445	TEC	3.91	4.64	4.65	4.12	2.74	3.05	3.07	2.85
Down	ENSMUSG00000103851	-2.63	1.32E-11	Gm37606	TEC	3.99	4.47	4.27	4.57	2.44	2.57	2.93	2.85
Down	ENSMUSG00000103869	-3.70	1.36E-11	Gm37420	TEC	4.11	4.13	3.70	3.98	2.37	2.00	2.00	2.70
Down	ENSMUSG00000102747	-2.98	1.80E-11	Gm37602	TEC	3.72	4.82	4.09	4.19	2.00	3.22	2.24	2.44
Down	ENSMUSG00000102461	-2.89	2.08E-11	Gm37166	TEC	3.72	4.47	3.43	4.02	2.13	2.53	2.35	2.78
Down	ENSMUSG00000109539	-2.25	2.37E-11	Gm44667	TEC	3.67	4.05	4.24	4.65	2.82	2.24	3.07	2.99
Down	ENSMUSG00000102776	-1.88	2.39E-11	Gm38162	TEC	5.58	5.25	5.60	5.64	4.61	3.77	3.13	3.92
Down	ENSMUSG00000115471	-4.03	2.81E-11	C230086J09Rik	TEC	3.56	4.17	4.13	4.05	2.37	2.12	2.35	2.12
Down	ENSMUSG00000110342	-4.00	2.98E-11	Gm45263	TEC	3.95	3.88	3.54	4.72	2.00	2.70	2.00	2.24
Up	ENSMUSG00000074355	1.04	3.95E-11	Gm10676	TEC	6.86	6.52	6.72	6.81	7.78	7.65	7.87	7.69
Down	ENSMUSG00000108070	-3.62	4.04E-11	Gm43872	TEC	4.03	4.17	3.93	3.98	2.13	2.53	2.00	2.54
Down	ENSMUSG00000106959	-3.16	4.28E-11	Gm42548	TEC	3.38	4.64	4.30	4.31	2.66	2.12	2.24	2.85
Down	ENSMUSG00000109320	-3.10	4.85E-11	Gm44679	TEC	4.36	3.63	4.09	3.74	2.47	2.00	3.00	2.00
Down	ENSMUSG00000106940	-2.82	4.86E-11	Gm42600	TEC	3.61	3.97	4.17	4.25	2.00	2.24	3.00	2.23
Up	ENSMUSG00000107134	1.48	5.10E-11	Gm42528	TEC	5.48	5.33	5.33	6.92	5.25	7.12	6.67	6.67
Down	ENSMUSG00000105358	-2.33	6.44E-11	Gm43099	TEC	3.91	4.64	4.46	5.04	3.40	3.33	2.00	2.85
Down	ENSMUSG00000102194	-4.28	7.23E-11	Gm38169	TEC	3.31	4.34	3.89	4.37	2.00	2.24	2.00	2.54
Down	ENSMUSG00000104344	-1.78	7.39E-11	Gm38077	TEC	4.77	5.43	5.35	5.12	3.23	3.73	3.13	4.48
Down	ENSMUSG00000103572	-3.61	7.40E-11	Gm37115	TEC	3.81	3.57	4.24	4.85	2.00	2.86	2.44	2.44
Down	ENSMUSG00000110047	-3.81	7.66E-11	A230085B16Rik	TEC	3.72	4.01	4.17	4.31	2.00	2.00	2.35	2.70
Down	ENSMUSG00000106612	-3.78	8.03E-11	Gm43750	TEC	3.61	3.97	3.75	3.90	2.00	2.12	2.13	2.62
Down	ENSMUSG00000112947	-2.25	1.01E-10	Gm47493	TEC	4.39	3.83	4.17	4.45	2.82	2.78	2.86	2.85
Down	ENSMUSG00000104235	-2.71	1.22E-10	Gm37589	TEC	3.77	3.78	4.27	4.45	2.00	2.13	2.85	2.13
Down	ENSMUSG00000102212	-2.55	1.36E-10	C230085N15Rik	TEC	4.51	4.17	4.17	4.37	2.37	3.38	2.00	2.85
Down	ENSMUSG00000108042	-2.15	1.39E-10	B130021K23Rik	TEC	4.39	4.56	4.57	4.02	2.90	2.53	3.30	3.06
Down	ENSMUSG00000102290	-3.42	1.42E-10	Gm38260	TEC	3.72	3.88	3.93	3.98	2.00	2.53	2.13	2.54
Down	ENSMUSG00000102516	-4.01	1.62E-10	Gm38340	TEC	4.11	3.63	3.75	4.19	2.37	2.00	2.00	2.54
Down	ENSMUSG00000107227	-2.69	1.62E-10	Gm44090	TEC	3.62	3.97	4.75	3.82	2.57	2.71	2.54	2.44
Down	ENSMUSG00000106815	-7.02	1.84E-10	Gm43658	TEC	3.31	3.92	3.75	3.65	2.00	2.00	2.00	2.00
Down	ENSMUSG00000112358	-2.34	1.91E-10	Gm33869	TEC	4.87	3.97	4.87	4.82	2.00	2.98	2.71	2.85
Down	ENSMUSG00000103427	-2.16	2.21E-10	Gm37534	TEC	4.18	4.17	4.82	4.12	3.45	2.34	2.54	3.17
Down	ENSMUSG00000105071	-3.48	2.41E-10	Gm43336	TEC	3.61	3.83	3.84	3.98	2.25	2.00	2.00	2.78
Down	ENSMUSG00000107019	-1.67	2.63E-10	Gm43682	TEC	5.28	5.35	5.73	5.59	3.45	4.16	4.63	3.81
Down	ENSMUSG00000105748	-3.25	3.10E-10	Gm43088	TEC	3.77	3.39	4.24	4.42	2.00	2.00	2.79	2.62
Down	ENSMUSG00000105970	-3.52	3.48E-10	Gm43360	TEC	3.67	3.88	3.65	3.78	2.00	2.00	2.13	2.78
Down	ENSMUSG00000112483	-4.14	4.34E-10	Gm48542	TEC	3.99	4.09	3.93	3.69	2.00	2.00	2.00	2.70
Down	ENSMUSG00000109206	-3.09	4.81E-10	Gm45137	TEC	3.72	3.92	3.89	3.74	2.13	2.44	2.00	2.78
Down	ENSMUSG00000105700	-4.33	5.49E-10	Gm42772	TEC	3.91	3.92	4.20	3.55	2.00	2.53	2.00	2.12
Down	ENSMUSG00000109709	-1.89	6.09E-10	Gm45290	TEC	4.11	4.13	4.13	4.45	2.66	3.28	2.63	3.23
Down	ENSMUSG00000102593	-3.85	6.38E-10	Gm38384	TEC	3.56	4.09	4.09	3.65	2.13	2.44	2.00	2.34
Down	ENSMUSG00000112254	-2.96	7.02E-10	Gm47690	TEC	3.44	3.88	3.89	3.94	2.66	2.34	2.00	2.54
Up	ENSMUSG00000103529	1.32	7.86E-10	A730089K16Rik	TEC	4.70	5.04	5.15	5.00	6.25	6.15	6.09	6.25
Down	ENSMUSG00000103976	-1.98	8.15E-10	Gm37677	TEC	4.29	4.64	4.49	4.89	2.74	3.73	2.45	3.44
Down	ENSMUSG00000109162	-3.47	8.48E-10	2900027M19Rik	TEC	4.11	3.92	3.84	3.33	2.37	2.44	2.00	2.34
Down	ENSMUSG00000113326	-3.47	8.59E-10	Gm47586	TEC	3.72	4.01	3.80	3.74	2.00	2.12	2.00	2.85
Down	ENSMUSG00000115023	-3.52	1.09E-09	Gm48967	TEC	4.22	3.03	3.97	4.28	2.47	2.00	2.00	2.70
Down	ENSMUSG00000113055	-2.83	1.10E-09	Gm48700	TEC	3.86	3.57	3.80	3.86	2.00	2.62	2.00	2.85
Down	ENSMUSG00000105950	-2.74	1.25E-09	Gm43679	TEC	4.26	4.31	4.05	3.86	3.11	2.53	2.13	2.44
Up	ENSMUSG00000109243	1.54	1.30E-09	Gm45867	TEC	4.65	4.41	4.57	4.15	5.25	6.18	5.98	5.65
Down	ENSMUSG00000106691	-2.86	1.52E-09	2700029L08Rik	TEC	3.25	4.13	3.84	3.86	2.13	2.44	2.00	2.92
Down	ENSMUSG00000102940	-3.35	1.56E-09	Gm37551	TEC	3.86	3.92	3.30	2.37	2.00	2.12	2.63	2.24
Down	ENSMUSG00000108597	-6.67	1.58E-09	Gm44708	TEC	3.61	3.83	4.52	3.60	2.00	2.00	2.00	2.12
Down	ENSMUSG00000107962	-1.79	1.63E-09	Gm43980	TEC	5.34	5.23	5.32	3.81	5.57	3.28	4.57	3.57
Down	ENSMUSG00000116626	-2.47	1.69E-09	Gm45705	TEC	3.72	3.57	4.87	3.96	2.90	2.92	2.70	2.70
Down	ENSMUSG00000109167	2.00	1.72E-09	Gm44829	TEC	3.91	4.31	4.68	3.98	2.37	3.06	3.30	3.06
Down	ENSMUSG00000111131	-4.51	1.83E-09	9930024M15Rik	TEC	3.31	4.41	3.49	3.94	2.00	2.00	2.13	2.44
Down	ENSMUSG00000105556	-3.75	1.83E-09	Gm43080	TEC	3.77	3.83	4.70	3.50	2.00	2.44	2.35	2.34
Down	ENSMUSG00000103898	-1.93	2.00E-09	Gm30238	TEC	4.62	5.00	4.57	4.89	3.55	3.11	3.59	3.06
Down	ENSMUSG00000103948	-3.22	2.12E-09	4930594C11Rik	TEC	3.56	3.46	3.70	4.12	2.00	2.00	2.00	2.99
Down	ENSMUSG00000105981	-2.79	2.22E-09	2810428J06Rik	TEC	3.50	4.58	4.75	4.42	2.00	3.22	2.54	2.70
Down	ENSMUSG00000107858	-3.47	2.30E-09	Gm43879	TEC	3.31	3.33	4.37	3.98	2.00	2.53	2.24	2.34
Down	ENSMUSG00000103382	-3.15	2.97E-09	Gm37755	TEC	4.07	3.11	4.54	4.02	2.82	2.00	2.35	2.44
Down	ENSMUSG00000103611	-4.06	2.98E-09	Gm37195	TEC	3.56	3.88	3.36	3.98	2.00	2.00	2.63	2.00
Down	ENSMUSG00000106354	-1.44	3.01E-09	Gm42607	TEC	4.51	4.09	4.60	4.34	3.29	3.22	3.35	3.57
Down	ENSMUSG00000104315	-6.72	3.02E-09	Gm37906	TEC	3.50	3.33	3.84	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109481	-2.22	3.47E-09	Gm45130	TEC	3.81	4.05	3.93	4.28	3.11	2.98	2.00	2.62
Down	ENSMUSG00000112036	-4.12	3.52E-09	Gm47801	TEC	3.91	3.26	4.27	4.05	2.			

Down	ENSMUSG00000103216	-3.37	4.07E-09	Gm37248	TEC	3.86	3.73	3.54	3.82	2.00	2.34	2.00	2.70
Down	ENSMUSG00000108802	-2.21	4.29E-09	Gm44769	TEC	3.86	3.39	3.93	4.15	2.57	2.70	2.71	2.62
Down	ENSMUSG00000112556	-3.25	4.77E-09	Gm47339	TEC	4.18	3.46	4.27	4.02	2.13	2.00	3.00	2.24
Down	ENSMUSG00000103466	-2.50	5.12E-09	Gm37247	TEC	3.81	3.92	3.84	3.78	2.25	2.12	2.00	3.34
Down	ENSMUSG00000103049	-4.40	5.13E-09	Gm37311	TEC	3.02	4.01	3.93	3.90	2.00	2.00	2.00	2.50
Down	ENSMUSG00000108005	-4.10	5.37E-09	Gm44435	TEC	3.95	4.13	3.09	4.19	2.00	2.00	2.00	2.70
Down	ENSMUSG00000106386	-4.08	5.08E-09	Gm42991	TEC	3.75	3.73	3.54	2.47	2.00	2.00	2.00	2.24
Down	ENSMUSG00000106946	-3.31	5.48E-09	Gm42856	TEC	3.44	3.63	4.17	3.86	2.00	2.24	2.00	2.85
Down	ENSMUSG00000107643	-6.62	5.51E-09	Gm43885	TEC	3.18	3.19	3.49	3.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000110751	-4.71	5.51E-09	C230053D17Rik	TEC	3.95	3.83	3.60	3.65	2.00	2.00	2.00	2.44
Down	ENSMUSG00000109139	-3.61	5.83E-09	Gm44798	TEC	3.67	3.63	3.49	3.94	2.25	2.00	2.54	2.12
Down	ENSMUSG00000104044	-3.38	6.15E-09	Gm37566	TEC	3.31	3.57	3.70	4.50	2.00	2.78	2.00	2.34
Down	ENSMUSG00000102725	-1.93	6.24E-09	Gm37939	TEC	5.00	4.89	5.19	4.94	3.89	2.44	3.83	3.48
Down	ENSMUSG00000108460	-2.24	6.49E-09	Gm39041	TEC	4.03	3.78	3.75	3.82	2.97	2.24	2.54	2.70
Down	ENSMUSG00000109625	-2.56	6.77E-09	3110080E11Rik	TEC	4.11	4.13	3.97	3.50	3.17	2.12	2.13	2.62
Down	ENSMUSG00000105201	-5.31	7.26E-09	Gm43362	TEC	3.56	4.05	4.20	3.69	2.00	2.24	2.00	2.12
Down	ENSMUSG00000107756	-3.09	7.95E-09	Gm44164	TEC	3.56	3.63	3.23	4.05	2.25	2.00	2.00	2.85
Down	ENSMUSG00000108465	-3.31	8.63E-09	Gm45110	TEC	2.85	4.72	4.40	4.31	2.90	2.34	2.00	2.44
Down	ENSMUSG00000104033	-3.48	9.51E-09	Gm37773	TEC	3.44	3.52	3.89	3.98	2.74	2.12	2.00	2.12
Up	ENSMUSG00000103301	1.61	9.59E-09	Gm37804	TEC	4.26	4.17	4.46	4.02	5.66	5.63	5.50	5.46
Down	ENSMUSG00000107511	4.01	1.02E-08	Gm44440	TEC	3.44	3.92	4.25	4.01	3.90	2.25	2.00	2.34
Down	ENSMUSG00000109005	-2.58	1.04E-08	Gm45221	TEC	3.67	4.09	3.84	4.45	2.00	3.22	2.00	2.78
Down	ENSMUSG00000114970	-2.90	1.30E-08	Gm49069	TEC	3.86	4.50	3.84	3.08	2.00	2.62	2.86	2.12
Down	ENSMUSG00000107461	-6.54	1.45E-08	Gm44045	TEC	3.25	3.11	3.16	3.78	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102594	-2.70	1.52E-08	Gm38381	TEC	3.18	3.83	3.97	3.90	2.37	2.44	2.13	2.78
Down	ENSMUSG00000102854	-2.22	1.56E-08	C130023A14Rik	TEC	3.91	4.58	4.68	5.17	2.47	3.56	2.63	3.39
Down	ENSMUSG00000113250	-3.43	1.57E-08	Gm48585	TEC	3.77	3.88	3.30	3.74	2.00	2.00	2.00	2.85
Down	ENSMUSG00000102621	-3.69	1.67E-08	Gm37674	TEC	2.94	3.46	3.89	3.94	2.00	2.00	2.24	2.54
Down	ENSMUSG00000110928	-2.51	2.06E-08	Gm48114	TEC	3.38	3.83	4.37	4.05	2.82	2.62	2.00	2.78
Down	ENSMUSG00000104415	-2.32	2.37E-08	Gm37069	TEC	5.00	5.33	4.46	4.60	3.04	2.24	3.40	3.70
Down	ENSMUSG00000102407	-3.86	2.63E-08	Gm37862	TEC	3.67	2.76	3.93	3.69	2.25	2.00	2.00	2.44
Down	ENSMUSG00000109575	-2.14	2.63E-08	Gm44831	TEC	3.95	3.88	3.75	4.25	3.11	2.24	3.00	2.44
Down	ENSMUSG00000102635	-4.29	2.64E-08	Gm36636	TEC	2.94	3.68	4.17	3.69	2.00	2.00	2.00	2.54
Down	ENSMUSG00000113472	-4.58	2.83E-08	Gm47602	TEC	3.50	3.63	3.97	3.55	2.00	3.24	2.00	2.12
Down	ENSMUSG00000103285	-2.45	2.85E-08	Gm37274	TEC	3.77	3.83	4.01	3.98	2.00	3.22	2.00	2.70
Down	ENSMUSG00000104358	-1.75	2.98E-08	Gm37127	TEC	6.08	5.88	5.52	6.06	4.66	5.22	2.86	4.74
Down	ENSMUSG00000107041	-4.56	3.15E-08	Gm42735	TEC	3.86	3.78	3.84	3.01	2.00	2.00	2.00	2.44
Down	ENSMUSG00000105302	-5.10	3.28E-08	Gm19817	TEC	3.31	3.68	4.13	3.74	2.13	2.00	2.00	2.24
Down	ENSMUSG00000104239	-6.31	3.39E-08	Gm37588	TEC	2.94	3.88	2.84	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108268	-3.37	3.55E-08	Gm44187	TEC	3.72	4.09	4.05	2.86	2.00	2.34	2.00	2.70
Down	ENSMUSG00000107706	-2.35	3.84E-08	Gm44022	TEC	3.77	4.17	4.30	3.90	2.00	2.70	2.35	3.34
Down	ENSMUSG00000103867	-2.79	4.17E-08	9630010A21Rik	TEC	3.67	3.68	3.80	3.27	2.00	2.74	2.00	2.62
Down	ENSMUSG00000102950	-3.61	4.50E-08	Gm37018	TEC	3.31	3.88	3.23	4.12	2.13	2.00	2.00	2.70
Down	ENSMUSG00000113841	-2.25	4.96E-08	Gm48701	TEC	4.03	4.27	4.09	3.78	2.47	2.85	2.93	2.62
Down	ENSMUSG00000115380	-2.50	5.10E-08	Gm48932	TEC	4.03	3.97	4.01	4.12	2.47	2.00	3.00	2.85
Down	ENSMUSG00000106291	-3.52	5.26E-08	Gm44292	TEC	3.56	4.20	3.16	3.39	2.00	2.12	2.00	2.70
Down	ENSMUSG00000104153	-5.06	5.79E-08	Gm38105	TEC	3.61	3.73	3.75	3.78	2.25	2.00	2.12	2.44
Down	ENSMUSG00000102676	-3.74	6.05E-08	Gm37435	TEC	4.93	4.74	4.65	4.65	2.37	2.00	2.45	3.12
Down	ENSMUSG00000111918	-3.75	6.08E-08	Gm47624	TEC	3.38	3.03	3.60	3.86	2.00	2.12	2.00	2.54
Down	ENSMUSG00000102764	-3.33	6.18E-08	Gm37183	TEC	3.18	3.78	3.49	3.90	2.25	2.24	2.00	2.54
Down	ENSMUSG00000102317	-1.78	6.22E-08	Gm37628	TEC	4.36	4.17	4.37	4.58	3.64	2.53	2.93	3.29
Down	ENSMUSG00000107362	-2.53	6.50E-08	Gm40309	TEC	3.31	3.33	3.97	3.82	2.66	2.00	2.86	2.12
Down	ENSMUSG00000105322	-2.13	6.82E-08	Gm43751	TEC	3.50	4.13	3.84	3.98	2.25	3.11	2.13	2.99
Down	ENSMUSG00000103509	-2.38	6.88E-08	Gm38372	TEC	5.47	5.41	5.56	6.24	2.74	2.98	4.61	3.81
Down	ENSMUSG00000104293	-2.08	6.96E-08	Gm38043	TEC	3.81	3.52	3.75	4.09	2.00	2.70	3.35	2.24
Down	ENSMUSG00000104362	-1.16	7.58E-08	Gm37928	TEC	4.62	5.14	5.09	4.89	3.81	3.69	4.27	4.14
Down	ENSMUSG00000109370	-5.92	7.63E-08	Gm44675	TEC	3.67	4.20	4.05	3.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109642	-3.61	8.15E-08	Gm45289	TEC	3.44	3.68	3.97	3.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113917	-4.07	8.37E-08	Gm48382	TEC	3.56	3.73	3.70	3.15	2.00	2.12	2.00	2.44
Down	ENSMUSG00000103571	-5.15	9.27E-08	Gm43662	TEC	3.38	3.88	4.01	3.78	2.00	2.00	2.00	2.34
Down	ENSMUSG00000103706	-2.71	9.48E-08	6820402A03Rik	TEC	3.38	4.27	3.60	3.65	2.00	2.00	2.00	3.06
Down	ENSMUSG00000104104	-6.65	9.71E-08	Gm37877	TEC	3.44	3.52	3.36	3.39	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113864	-2.43	9.89E-08	Gm48381	TEC	3.10	3.88	4.05	3.94	2.00	2.85	2.24	2.85
Down	ENSMUSG00000108049	-2.42	1.01E-07	Gm44168	TEC	4.26	4.37	4.95	4.28	2.66	2.53	2.00	3.78
Down	ENSMUSG00000105695	-4.10	1.03E-07	Gm43327	TEC	3.81	4.05	4.01	4.25	2.00	2.00	2.00	2.78
Down	ENSMUSG00000105445	-1.83	1.08E-07	Gm42972	TEC	3.31	4.20	4.54	4.67	3.55	2.62	3.00	2.92
Down	ENSMUSG00000102659	-5.92	1.20E-07	Gm37077	TEC	3.95	3.73	4.24	3.69	2.00	2.12	2.00	2.12
Down	ENSMUSG00000110442	-2.10	1.31E-07	Gm45804	TEC	4.07	4.50	4.17	3.90	2.37	3.47	2.00	3.12
Down	ENSMUSG00000108784	-4.29	1.36E-07	4930517G19Rik	TEC	3.81	3.19	3.23	3.60	2.47	2.00	2.00	2.00
Down	ENSMUSG00000104027	-2.52	1.36E-07	Gm37211	TEC	3.18	3.78	3.20	4.22	2.00	2.86	2.00	2.86
Down	ENSMUSG00000110269	-2.42	1.40E-07	Gm45258	TEC	4.07	3.33	3.23	4.05	2.00	2.70	2.35	2.85
Down	ENSMUSG00000105973	-2.22	1.40E-07	Gm42881	TEC	3.38	4.31	4.27	4.37	2.74	3.17	2.00	2.99
Down	ENSMUSG00000105701	-6.73	1.42E-07	Gm42887	TEC	3.38	3.78	3.36	3.33	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108146	-2.89	1.44E-07	Gm45959	TEC	3.44	3.63	3.83	2.25	2.00	2.12	2.00	2.00
Down	ENSMUSG00000109505	-2.23	1.45E-07	Gm44677	TEC	4.07	4.77	4.78	4.02	2.25	2.92	2.54	3.70
Down	ENSMUSG00000113385	-4.01	1.49E-07	Gm48405	TEC	3.56	3.39	3.89	3.08	2.00	2.53	2.00	2.00
Down	ENSMUSG00000110914	-3.72	1.70E-07	Gm48611	TEC	3.18	3.57	3.65	3.50	2.00	2.00	2.00	2.62
Down	ENSMUSG00000106043	-1.04	1.72E-07	Gm42968	TEC	5.78	5.76	6.07	5.94	4.42	4.87	5.16	5.23
Down	ENSMUSG00000103780	-3.42	1.75E-07	Gm37524	TEC	3.56	3.03	3.65	3.45	2.25	2.00	2.00	2.54
Down	ENSMUSG00000105679	-4.19	1.79E-07	Gm43338	TEC	3.50	3.78	3.60	3.60	2.00	2.00	2.00	2.54
Down	ENSMUSG00000104324	-2.39	1.88E-07	Gm37320	TEC	3.67	4.44	4.17	3.55	2.66	2.78	2.00	2.99
Down	ENSMUSG00000103984	-1.80	1.95E-07	Gm37447	TEC	3.56	4.41	4.57	3.94	2.74	2.92	2.79	3.44
Down	ENSMUSG00000109279	-2.56	2.01E-07	Gm45220	TEC	3.56	3.83	3.43	3.78	2.13	2.00	2.45	2.99
Down	ENSMUSG00000112067	-3.32	2.18E-07	Gm48015	TEC	3.44	3.97	3.75	3.65	2.00	2.00	2.00	2.92
Down	ENSMUSG00000102729	-2.23	2.35E-07	Gm32444	TEC	3.77	4.93	4.20	3.82	3.23	2.62	2.71	2.71
Down	ENSMUSG00000110411	-2.16	2.44E-07	Gm45457	TEC	3.25	3.97	4.17	3.94	2.00	2.12	2.79	3.34
Down	ENSMUSG												

Down	ENSMUSG00000108780	-1.98	2.77E-07	543043F05Rik	TEC	4.29	4.01	4.70	4.12	2.00	3.43	2.63	3.44
Down	ENSMUSG00000109217	-3.46	2.78E-07	Gm44676	TEC	3.25	3.03	3.84	3.60	2.47	2.12	2.00	2.24
Down	ENSMUSG00000107021	-2.56	2.86E-07	Gm42853	TEC	4.18	3.39	4.75	4.19	2.00	2.62	2.35	3.39
Down	ENSMUSG00000102411	-2.30	2.89E-07	Gm36936	TEC	4.80	3.83	4.57	4.22	2.74	2.78	2.00	3.62
Down	ENSMUSG00000110084	-2.28	2.95E-07	Gm45257	TEC	3.77	3.88	4.27	2.94	2.25	2.78	2.00	3.06
Down	ENSMUSG00000102602	-1.52	2.97E-07	A930004J17Rik	TEC	4.42	5.25	5.07	5.50	3.04	3.47	4.43	4.14
Down	ENSMUSG00000105495	-2.89	3.09E-07	Gm42447	TEC	4.23	3.82	3.86	4.22	3.74	2.00	2.70	2.12
Down	ENSMUSG00000109529	-2.15	3.15E-07	Gm44801	TEC	3.86	4.24	4.01	4.65	3.11	2.00	2.86	3.23
Down	ENSMUSG00000110159	-2.54	3.29E-07	Gm45501	TEC	3.10	3.52	4.05	3.74	2.47	3.05	2.00	2.00
Down	ENSMUSG00000112248	-4.49	3.41E-07	Gm47910	TEC	3.67	3.46	3.65	3.65	2.00	2.12	2.00	2.34
Down	ENSMUSG00000107571	-5.99	3.67E-07	Gm43877	TEC	2.85	2.86	3.09	3.33	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105936	-5.90	3.70E-07	Gm43544	TEC	3.02	3.68	3.01	3.74	2.00	2.00	2.00	2.12
Down	ENSMUSG00000106211	-5.75	3.70E-07	Gm42842	TEC	3.86	3.33	3.93	3.94	2.00	2.00	2.00	2.24
Down	ENSMUSG00000103122	-6.07	3.81E-07	Gm37391	TEC	2.65	3.26	3.09	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106560	-4.74	4.04E-07	Gm43119	TEC	3.50	3.33	3.65	3.50	2.00	2.00	2.00	2.34
Down	ENSMUSG00000103730	-2.43	4.08E-07	Gm38316	TEC	4.77	4.64	4.75	4.82	3.37	3.61	3.19	2.70
Down	ENSMUSG00000104287	-6.86	4.13E-07	Gm37456	TEC	3.10	3.26	4.01	3.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113690	-2.13	4.43E-07	Gm47826	TEC	3.61	4.34	3.70	4.09	2.37	2.00	3.24	2.99
Down	ENSMUSG00000109359	-4.43	4.54E-07	Gm44797	TEC	2.85	3.92	3.65	3.65	2.00	2.12	2.00	2.34
Down	ENSMUSG00000103914	-4.03	4.63E-07	Gm48624	TEC	2.54	4.37	3.16	3.39	2.00	2.34	2.00	2.24
Down	ENSMUSG00000107155	-5.90	4.69E-07	Gm43793	TEC	2.85	2.66	2.85	4.02	2.00	2.00	2.00	2.12
Down	ENSMUSG00000102868	-3.26	4.69E-07	Gm37633	TEC	3.72	2.76	3.49	4.02	2.00	2.12	2.00	2.78
Down	ENSMUSG00000102995	-1.97	5.15E-07	A330074H02Rik	TEC	3.81	3.83	3.54	4.25	3.29	2.62	2.00	2.85
Down	ENSMUSG00000108526	-3.09	5.85E-07	Gm45828	TEC	3.18	3.52	3.80	2.77	2.37	2.00	2.13	2.44
Down	ENSMUSG00000116735	-3.84	5.87E-07	Gm49555	TEC	3.56	3.26	3.23	3.50	2.13	2.00	2.00	2.44
Down	ENSMUSG00000106870	-1.66	6.01E-07	Gm43681	TEC	4.62	4.20	4.75	5.05	2.74	3.38	3.35	4.02
Down	ENSMUSG00000113752	-3.56	6.23E-07	Gm47817	TEC	3.18	3.52	3.89	3.45	2.00	2.00	2.35	2.44
Down	ENSMUSG00000104078	-3.43	6.28E-07	Gm37023	TEC	3.31	3.57	3.93	3.39	2.00	2.24	2.63	2.00
Down	ENSMUSG00000113076	-3.26	6.37E-07	Gm47088	TEC	3.18	3.52	3.89	2.49	2.00	2.24	2.54	2.00
Down	ENSMUSG00000107205	-5.62	6.45E-07	Gm42576	TEC	3.31	3.46	3.23	2.94	2.00	2.00	2.00	2.12
Down	ENSMUSG00000106414	-4.56	7.41E-07	Gm43320	TEC	3.67	3.88	3.23	3.78	2.00	2.00	2.00	2.44
Down	ENSMUSG00000109576	-3.51	7.60E-07	Gm44704	TEC	3.38	3.63	3.30	3.65	2.37	2.44	2.00	2.00
Down	ENSMUSG00000103214	-2.34	7.63E-07	Gm38286	TEC	3.56	3.68	3.49	3.33	2.00	3.24	2.53	2.00
Down	ENSMUSG00000104571	-5.69	7.92E-07	Gm43010	TEC	3.81	4.47	3.09	3.21	2.00	2.00	2.24	2.00
Down	ENSMUSG00000109784	-1.90	7.93E-07	Gm45493	TEC	3.10	4.17	3.93	4.05	2.97	3.92	2.45	2.70
Down	ENSMUSG00000116881	-3.16	7.97E-07	Gm49674	TEC	3.44	3.97	3.84	3.97	2.00	4.74	2.53	2.00
Down	ENSMUSG00000108808	-5.79	8.50E-07	Gm45204	TEC	2.94	3.03	3.60	3.65	2.00	2.00	2.00	2.12
Down	ENSMUSG00000114153	-2.93	8.70E-07	Gm48692	TEC	3.18	3.52	3.49	3.60	2.25	2.00	2.45	2.44
Down	ENSMUSG00000103818	-4.71	9.08E-07	Gm38009	TEC	3.50	3.11	3.60	3.65	2.00	2.00	2.35	2.00
Down	ENSMUSG00000108819	-5.67	9.61E-07	Gm45177	TEC	3.31	3.46	3.09	3.20	2.00	2.12	2.00	2.00
Down	ENSMUSG00000103544	-3.47	9.61E-07	Gm10048	TEC	3.50	4.09	3.30	3.33	2.00	2.34	2.00	2.54
Down	ENSMUSG00000107370	-2.41	9.64E-07	Gm43588	TEC	3.44	4.05	3.49	3.39	2.00	2.12	2.71	2.85
Down	ENSMUSG00000102267	-2.69	9.77E-07	9530003O04Rik	TEC	3.38	3.88	3.60	3.55	2.00	2.85	2.00	2.54
Down	ENSMUSG00000113073	-4.26	9.83E-07	Gm48261	TEC	2.94	3.97	3.70	3.01	2.12	2.00	2.00	2.00
Down	ENSMUSG00000103657	-1.72	1.01E-06	Gm37204	TEC	3.91	4.50	4.09	4.28	2.97	2.78	3.71	2.54
Down	ENSMUSG00000109420	-2.05	1.02E-06	Gm37984	TEC	3.18	3.88	4.46	4.09	2.74	3.05	2.00	3.06
Down	ENSMUSG00000104420	-3.11	1.04E-06	E230020A03Rik	TEC	3.99	3.96	3.54	2.74	2.24	2.12	2.00	2.44
Down	ENSMUSG00000102157	-3.32	1.07E-06	Gm37470	TEC	3.50	3.26	3.01	3.65	2.25	2.00	2.00	2.00
Down	ENSMUSG00000104821	-5.67	1.08E-06	Gm42481	TEC	2.85	2.95	2.84	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106458	-5.82	1.10E-06	Gm42633	TEC	2.75	3.03	3.54	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000114448	-1.92	1.10E-06	C630044B11Rik	TEC	2.54	3.88	3.84	3.69	2.82	2.12	2.93	2.44
Down	ENSMUSG00000106010	-4.19	1.12E-06	Gm42616	TEC	3.31	3.63	3.23	3.45	2.00	2.44	2.00	2.00
Down	ENSMUSG00000104107	-2.77	1.12E-06	Gm37879	TEC	3.77	3.52	3.75	2.94	2.00	2.24	2.24	2.78
Down	ENSMUSG00000105545	-3.06	1.16E-06	4930599N24Rik	TEC	2.94	3.11	3.70	4.09	2.00	2.00	2.86	2.12
Down	ENSMUSG00000110972	-4.17	1.23E-06	5830462O15Rik	TEC	3.44	3.57	3.60	2.94	2.00	2.44	2.00	2.44
Down	ENSMUSG00000105726	-3.63	1.24E-06	Gm42443	TEC	3.86	3.68	2.84	3.15	2.37	2.34	2.00	2.00
Down	ENSMUSG00000108372	-3.01	1.24E-06	Gm45124	TEC	3.44	3.26	4.05	3.82	2.25	2.62	2.00	2.44
Down	ENSMUSG00000103161	-3.80	1.28E-06	Gm38148	TEC	3.25	3.83	3.23	3.08	2.00	2.00	2.00	2.54
Down	ENSMUSG00000108693	-2.36	1.31E-06	Gm45153	TEC	3.31	3.63	3.16	3.86	2.13	2.78	2.00	2.70
Down	ENSMUSG00000109585	-5.60	1.36E-06	Gm45358	TEC	2.75	3.19	3.16	3.65	2.00	2.00	2.12	2.00
Down	ENSMUSG00000114503	-3.00	1.41E-06	Gm20242	TEC	3.25	2.86	3.65	3.33	2.13	2.34	2.00	2.44
Down	ENSMUSG00000108073	-1.98	1.41E-06	Gm42892	TEC	4.03	3.52	4.20	4.25	2.82	2.85	2.79	3.29
Down	ENSMUSG00000105543	-3.80	1.43E-06	Gm43169	TEC	4.32	3.33	3.30	3.55	2.00	2.12	2.00	2.62
Down	ENSMUSG00000102964	-3.37	1.51E-06	9430034N14Rik	TEC	3.72	3.73	2.64	4.09	2.00	2.12	2.00	2.78
Down	ENSMUSG00000102831	-5.98	1.53E-06	Gm37382	TEC	3.61	2.86	2.74	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000103739	-2.34	1.54E-06	Gm37653	TEC	3.25	3.83	4.05	3.45	2.00	2.62	2.00	3.12
Down	ENSMUSG00000103194	-3.78	1.59E-06	Gm37643	TEC	3.02	2.76	3.75	3.65	2.00	2.12	2.00	2.44
Down	ENSMUSG00000109725	-4.55	1.63E-06	Gm45265	TEC	3.25	3.52	3.16	3.55	2.00	2.00	2.24	2.12
Down	ENSMUSG00000108238	-3.73	1.73E-06	Gm43984	TEC	3.61	2.86	3.23	3.50	2.00	2.00	2.00	2.54
Down	ENSMUSG00000105326	-2.71	2.05E-06	6030400A10Rik	TEC	3.10	3.11	3.84	4.34	2.57	2.00	2.93	2.00
Down	ENSMUSG00000107286	-2.69	2.08E-06	Gm43788	TEC	3.02	3.11	3.36	3.86	2.25	2.00	2.00	2.85
Down	ENSMUSG00000103233	-2.67	2.09E-06	Gm37159	TEC	3.44	3.63	3.09	3.60	2.00	2.44	2.00	2.78
Down	ENSMUSG00000103914	-3.33	2.11E-06	Gm38073	TEC	3.67	3.57	3.80	3.80	2.00	2.70	2.00	2.24
Down	ENSMUSG00000107225	-3.69	2.18E-06	Gm43637	TEC	3.02	2.95	3.30	4.19	2.00	2.00	2.00	2.54
Down	ENSMUSG00000113528	-1.56	2.18E-06	Gm32699	TEC	4.67	4.37	4.63	5.02	4.63	3.81	3.61	3.66
Down	ENSMUSG00000105624	-2.94	2.20E-06	Gm43187	TEC	3.44	3.83	3.16	3.33	2.25	2.00	2.63	2.24
Down	ENSMUSG00000102133	-3.17	2.28E-06	Gm37106	TEC	3.81	3.68	2.84	3.08	2.13	2.00	2.00	2.70
Down	ENSMUSG00000102619	-5.79	2.35E-06	Gm37849	TEC	3.02	3.19	3.49	3.60	2.00	2.00	2.00	2.12
Down	ENSMUSG00000103076	-2.41	2.49E-06	Gm37902	TEC	3.10	3.73	4.13	3.55	2.25	2.34	2.63	2.70
Down	ENSMUSG00000102642	-3.69	2.65E-06	A130048G24Rik	TEC	3.77	3.78	3.16	3.01	2.00	2.00	2.00	2.62
Down	ENSMUSG00000103377	-4.00	2.72E-06	Gm37180	TEC	3.50	3.19	3.01	3.45	2.00	2.12	2.24	2.12
Down	ENSMUSG00000107433	-5.76	2.73E-06	Gm43882	TEC	2.85	3.03	2.84	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102481	-3.11	2.79E-06	Gm37925	TEC	3.86	2.76	3.65	3.39	2.00	2.00	2.00	2.85
Down	ENSMUSG00000106665	-3.46	2.82E-06	Gm43389	TEC	2.85	3.03	3.49	3.74	2.00	2.44	2.00	2.24
Down	ENSMUSG00000106408	-5.57	2.84E-06	Gm43321	TEC	2.94	3.92	3.75	3.86	2.00	2.44	2.00	2.24
Down	ENSMUSG00000105791	-5.50	3.11E-06	Gm43341	TEC	3.25	3.19	3.43	2.77	2.00	2.00	2.00	

Down	ENSMUSG00000104271	-5.36	3.42E-06	Gm37891	TEC	3.61	3.88	3.43	3.08	2.00	2.00	2.00	2.24
Down	ENSMUSG00000103937	-2.50	3.51E-06	Gm37186	TEC	3.10	3.19	3.97	3.94	2.13	3.05	2.00	2.34
Down	ENSMUSG00000103000	-3.25	3.56E-06	Gm37900	TEC	3.50	3.97	3.97	3.55	2.00	2.00	2.00	2.78
Down	ENSMUSG00000107804	-2.70	3.57E-06	Gm44439	TEC	2.94	4.50	3.93	3.78	3.11	2.00	2.00	2.62
Down	ENSMUSG00000114584	-1.21	3.67E-06	Gm47694	TEC	4.80	5.47	5.49	5.00	3.64	3.65	4.59	4.59
Down	ENSMUSG00000106732	-5.36	3.69E-06	Gm43792	TEC	2.65	3.19	3.54	2.86	2.00	2.00	2.00	2.12
Down	ENSMUSG00000107940	-2.30	3.70E-06	Gm44241	TEC	3.38	3.73	3.09	3.65	2.00	2.00	2.00	2.24
Down	ENSMUSG00000103432	-2.47	3.75E-06	6720464F23Rik	TEC	2.85	4.05	3.43	3.78	2.00	2.34	2.45	2.85
Down	ENSMUSG00000103614	-3.21	3.83E-06	Gm37949	TEC	3.67	3.63	2.74	3.01	2.37	2.34	2.00	2.12
Down	ENSMUSG00000104994	-3.76	4.05E-06	Gm42989	TEC	3.50	3.57	3.43	3.55	2.00	2.00	2.00	2.62
Down	ENSMUSG00000114746	-6.26	4.07E-06	4933436N17Rik	TEC	3.50	2.86	2.64	3.55	2.00	2.00	2.00	2.00
Up	ENSMUSG00000103378	1.06	4.08E-06	Gm37176	TEC	5.19	5.50	5.52	5.52	6.80	6.31	6.23	6.07
Down	ENSMUSG00000113309	-2.36	4.16E-06	Gm48408	TEC	4.42	4.93	4.78	4.72	2.00	3.05	3.45	3.34
Down	ENSMUSG00000113067	-5.38	4.19E-06	Gm47166	TEC	2.94	2.76	3.43	3.21	2.00	2.00	2.00	2.12
Down	ENSMUSG00000106859	-2.52	4.27E-06	Gm42737	TEC	3.25	3.26	3.65	3.55	2.00	2.44	2.00	2.00
Down	ENSMUSG00000113505	-2.66	4.31E-06	Gm48593	TEC	3.77	4.05	3.60	4.19	3.29	2.00	2.00	2.44
Down	ENSMUSG00000114624	-1.80	4.38E-06	Gm48267	TEC	3.61	3.63	4.24	3.45	2.37	3.05	3.00	2.44
Down	ENSMUSG00000103247	-2.42	4.53E-06	Gm38091	TEC	4.15	3.78	4.24	3.39	2.25	2.70	2.00	2.17
Down	ENSMUSG00000112420	-5.60	4.74E-06	Gm48543	TEC	2.43	3.39	3.09	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000107402	-2.04	4.87E-06	4732418N19Rik	TEC	4.77	4.47	4.27	4.34	2.13	3.80	2.45	3.29
Down	ENSMUSG00000113328	-1.10	4.97E-06	Gm47260	TEC	5.12	4.86	5.13	4.52	5.73	4.82	4.48	4.48
Down	ENSMUSG00000109555	-2.39	5.00E-06	Gm44891	TEC	3.18	3.19	4.09	3.50	2.47	2.98	2.00	2.12
Down	ENSMUSG00000109090	-5.42	5.04E-06	Gm45088	TEC	2.43	3.11	2.84	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106103	-3.85	5.17E-06	Gm43081	TEC	3.50	3.63	3.54	3.60	2.00	2.00	2.13	2.54
Down	ENSMUSG00000106092	-4.39	5.27E-06	Gm43072	TEC	2.75	3.52	3.09	2.00	2.34	2.00	2.00	2.00
Down	ENSMUSG00000112548	-5.45	5.54E-06	Gm47338	TEC	3.10	2.95	3.09	3.39	2.00	2.00	2.00	2.12
Down	ENSMUSG00000105341	-2.55	5.65E-06	Gm43817	TEC	3.61	3.52	4.20	3.01	2.00	2.34	2.13	3.06
Down	ENSMUSG00000103238	-2.34	5.73E-06	Gm36527	TEC	3.25	4.13	4.17	3.78	2.37	2.24	2.54	3.12
Down	ENSMUSG00000107083	-5.14	5.86E-06	Gm43313	TEC	3.18	3.63	3.49	3.21	2.00	2.24	2.00	2.00
Down	ENSMUSG00000108341	-3.80	6.06E-06	Gm44746	TEC	2.30	2.95	3.80	3.27	2.00	2.24	2.00	2.24
Down	ENSMUSG00000104391	-3.27	6.18E-06	Gm37960	TEC	3.67	3.26	3.84	3.45	2.00	2.00	2.00	2.85
Down	ENSMUSG00000104919	-5.29	6.32E-06	Gm42617	TEC	3.38	3.03	3.09	2.69	2.00	2.00	2.00	2.12
Down	ENSMUSG00000104672	-4.74	6.37E-06	Gm48665	TEC	3.44	3.44	3.39	3.36	2.25	2.00	2.00	2.00
Down	ENSMUSG00000103981	-5.58	6.63E-06	Gm38031	TEC	3.44	3.33	3.30	3.46	2.00	2.00	2.00	2.34
Down	ENSMUSG00000105198	-3.00	6.65E-06	Gm42502	TEC	3.67	3.03	3.80	2.94	2.13	2.70	2.00	2.12
Down	ENSMUSG00000102466	-2.28	6.65E-06	Gm38200	TEC	3.61	3.63	3.16	3.65	2.37	2.85	2.35	2.24
Down	ENSMUSG00000106694	-1.86	6.76E-06	Gm42894	TEC	3.86	4.31	4.34	4.22	3.11	2.98	2.63	3.17
Down	ENSMUSG00000110499	-3.59	6.77E-06	Gm45873	TEC	3.10	3.52	3.93	2.86	2.13	2.24	2.00	2.34
Down	ENSMUSG00000104929	-3.96	6.80E-06	Gm42766	TEC	2.85	2.76	3.97	3.86	2.13	2.00	2.00	2.44
Down	ENSMUSG00000116888	-5.49	7.20E-06	7120432i05Rik	TEC	2.54	3.33	3.43	2.00	3.21	2.00	2.00	2.00
Up	ENSMUSG00000105776	1.01	7.27E-06	Gm43292	TEC	5.10	4.97	4.73	4.85	5.47	6.15	5.66	5.91
Down	ENSMUSG00000107647	-4.37	7.72E-06	Gm44445	TEC	3.02	3.52	3.43	3.08	2.00	2.00	2.00	2.34
Down	ENSMUSG00000107207	-4.42	8.09E-06	Gm42897	TEC	2.65	3.68	3.80	3.82	2.00	2.00	2.13	2.34
Down	ENSMUSG00000105568	-3.15	8.14E-06	Gm42971	TEC	3.02	2.76	3.54	3.15	2.00	2.00	2.35	2.34
Down	ENSMUSG00000102963	-2.31	8.16E-06	Gm37945	TEC	3.56	3.57	4.09	3.90	2.00	2.70	2.00	3.23
Down	ENSMUSG00000103010	-4.38	8.31E-06	Gm37504	TEC	3.38	4.09	4.46	3.60	2.00	2.12	2.45	2.12
Down	ENSMUSG00000108353	-2.50	8.37E-06	Gm43205	TEC	3.05	4.09	3.54	3.90	2.00	2.62	3.00	2.00
Down	ENSMUSG00000103291	-2.01	8.61E-06	Gm38235	TEC	3.56	4.31	3.89	4.28	2.00	2.78	3.54	2.54
Down	ENSMUSG00000105946	-3.42	8.80E-06	Gm43776	TEC	3.02	3.52	3.60	3.55	2.00	2.00	2.00	2.70
Down	ENSMUSG00000104037	-4.35	8.83E-06	Gm37776	TEC	2.75	3.19	3.16	3.74	2.00	2.00	2.00	2.34
Down	ENSMUSG00000106149	-2.30	8.97E-06	Gm43430	TEC	3.44	3.78	4.01	4.31	2.13	2.62	2.00	3.39
Down	ENSMUSG00000105637	-3.31	9.22E-06	Gm42480	TEC	3.67	2.55	3.49	3.01	2.37	2.00	2.00	2.34
Down	ENSMUSG00000105942	-2.52	9.34E-06	Gm43175	TEC	2.85	3.52	3.43	3.55	2.57	2.70	2.00	2.00
Down	ENSMUSG00000108217	-3.06	9.46E-06	Gm43883	TEC	2.85	3.63	3.09	4.19	2.13	2.00	2.00	2.85
Down	ENSMUSG00000111605	-1.65	9.53E-06	4632418H02Rik	TEC	3.81	4.31	4.27	4.74	2.97	3.52	3.45	2.62
Down	ENSMUSG00000103973	-2.28	9.54E-06	BC055308	TEC	3.25	3.78	3.43	3.78	2.00	2.78	2.00	2.92
Down	ENSMUSG00000104852	-2.91	9.58E-06	Gm43201	TEC	3.56	2.76	3.89	3.65	2.62	2.00	2.00	2.54
Down	ENSMUSG00000111491	-2.60	9.59E-06	Gm47503	TEC	3.38	3.83	3.36	3.65	3.04	2.00	2.00	2.34
Down	ENSMUSG00000104383	-3.71	9.74E-06	Gm37553	TEC	3.50	2.43	3.89	3.08	2.00	2.00	2.45	2.12
Down	ENSMUSG00000112169	-3.55	9.77E-06	Gm48536	TEC	3.18	3.11	3.65	2.86	2.00	2.24	2.00	2.34
Down	ENSMUSG00000107905	-2.82	1.00E-05	Gm44230	TEC	3.81	3.57	3.09	3.69	2.82	2.00	2.24	2.24
Down	ENSMUSG00000102960	-2.43	1.01E-05	Gm37943	TEC	3.86	3.88	3.84	4.12	2.00	2.78	2.00	3.23
Down	ENSMUSG00000108825	-3.32	1.02E-05	Gm45838	TEC	2.65	3.97	4.09	4.15	2.82	2.00	2.00	2.34
Down	ENSMUSG00000116238	-4.61	1.04E-05	Gm49413	TEC	3.50	2.66	3.75	3.55	2.13	2.00	2.00	2.24
Down	ENSMUSG00000110077	-2.55	1.04E-05	Gm45632	TEC	3.10	3.46	3.49	3.15	2.00	2.34	2.45	2.44
Down	ENSMUSG00000102565	-5.13	1.06E-05	Gm37036	TEC	3.81	2.95	3.16	3.45	2.13	2.00	2.00	2.12
Down	ENSMUSG00000105733	-2.02	1.07E-05	Gm42973	TEC	3.18	3.19	3.84	3.55	2.74	2.12	2.00	2.99
Down	ENSMUSG00000106757	-2.26	1.11E-05	Gm43482	TEC	3.91	3.73	3.70	4.22	2.00	2.57	3.13	2.00
Down	ENSMUSG00000108088	-5.33	1.14E-05	Gm44229	TEC	2.43	3.11	2.84	3.65	2.00	2.00	2.00	2.12
Down	ENSMUSG00000102919	-3.00	1.18E-05	Gm37726	TEC	3.25	3.68	3.01	3.21	2.12	2.00	2.00	2.24
Down	ENSMUSG00000105750	-2.68	1.19E-05	Gm43130	TEC	3.25	4.24	3.65	3.33	2.34	2.24	2.00	2.34
Down	ENSMUSG00000104706	-3.39	1.20E-05	Gm43421	TEC	2.94	3.03	3.65	2.77	2.00	2.00	2.00	2.54
Down	ENSMUSG00000104432	-2.30	1.27E-05	A430027C01Rik	TEC	3.56	3.39	3.89	3.57	2.00	2.77	2.00	2.71
Down	ENSMUSG00000103331	-2.08	1.24E-05	Gm37995	TEC	2.65	3.83	2.15	3.15	2.74	2.00	2.00	2.85
Down	ENSMUSG00000103642	-3.03	1.26E-05	Gm37769	TEC	3.02	3.03	3.70	3.74	2.00	2.24	2.00	2.70
Down	ENSMUSG00000102258	-2.12	1.28E-05	Gm38257	TEC	3.77	3.88	3.70	3.86	2.37	2.00	3.19	2.78
Down	ENSMUSG00000109775	-2.35	1.30E-05	Gm45297	TEC	3.72	3.46	3.27	3.20	2.85	2.00	2.00	2.85
Down	ENSMUSG00000104116	-2.02	1.31E-05	Gm37296	TEC	3.67	3.63	3.43	3.82	2.00	2.98	2.00	3.06
Down	ENSMUSG00000109873	-3.02	1.36E-05	Gm45407	TEC	2.94	3.39	3.30	3.15	2.74	2.00	2.00	2.00
Down	ENSMUSG00000104060	-2.62	1.36E-05	Gm37954	TEC	2.94	3.57	3.49	3.33	2.47	2.00	2.00	2.70
Down	ENSMUSG00000108910	-5.31	1.37E-05	Gm44625	TEC	2.16	2.95	3.23	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104966	-2.62	1.42E-05	Gm43273	TEC	3.10	2.95	3.65	3.55	2.00	2.62	2.00	2.54
Down	ENSMUSG00000102672	-2.37	1.43E-05	Gm37105	TEC	3.10	3.57	3.30	3.50	2.13	2.62	2.00	2.54
Down	ENSMUSG00000102386	-2.15	1.43E-05	2900022M07Rik	TEC	3.56	3.46	3.65	3.08	2.37	2.53	2.63	2.34
Down	ENSMUSG00000107278	-3.30	1.45E-05	Gm42600	TEC	3.56	3.03	3.30	3.50	2.00	2.00	2.00	2.70
Down	ENSMUSG00000106448	-2.77	1.46E-05	Gm43486	TEC	4.48	4.56	4.52	4.55	2.00	2.98	2.00	3.48
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Down	ENSMUSG00000106749	-2.46	1.58E-05	Gm43281	TEC	3.61	3.88	3.89	3.39	2.00	2.00	2.79	2.92
Down	ENSMUSG00000103025	-4.55	1.59E-05	Gm37686	TEC	3.10	3.78	2.84	3.60	2.00	2.00	2.00	2.34
Down	ENSMUSG00000103525	-4.32	1.60E-05	Gm37262	TEC	2.75	3.11	3.36	3.60	2.00	2.00	2.00	2.34
Down	ENSMUSG00000105332	-4.49	1.70E-05	Gm43316	TEC	2.75	3.83	2.74	3.69	2.00	2.00	2.00	2.34
Down	ENSMUSG00000107970	-3.19	1.71E-05	Gm49058	TEC	2.85	3.46	3.23	3.08	2.00	2.24	2.00	2.44
Down	ENSMUSG00000102319	-6.22	1.73E-05	Gm37626	TEC	3.10	3.39	2.15	3.65	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102967	-3.67	1.75E-05	Gm38214	TEC	2.93	3.23	3.02	3.69	2.00	2.25	2.00	2.34
Down	ENSMUSG00000106310	-4.29	1.76E-05	Gm43523	TEC	3.91	3.83	3.80	3.15	2.25	2.00	2.00	2.34
Down	ENSMUSG00000113792	-3.09	1.81E-05	Gm10933	TEC	3.10	3.63	3.01	3.15	2.00	2.44	2.00	2.34
Down	ENSMUSG00000103317	-3.01	1.88E-05	Gm38359	TEC	2.85	3.03	3.84	3.27	2.00	2.44	2.00	2.44
Down	ENSMUSG00000103443	-2.60	1.90E-05	Gm37132	TEC	2.85	3.97	3.43	3.98	2.82	2.00	2.00	2.70
Down	ENSMUSG00000110564	-5.49	1.95E-05	Gm45697	TEC	2.85	3.33	3.16	3.27	2.00	2.00	2.00	2.12
Down	ENSMUSG00000102744	-4.92	1.99E-05	5830444F18Rik	TEC	2.54	3.57	3.30	3.39	2.00	2.00	2.00	2.24
Down	ENSMUSG00000112367	-4.02	2.00E-05	A230081H15Rik	TEC	3.02	3.63	2.93	3.55	2.25	2.00	2.13	2.12
Down	ENSMUSG00000103624	-3.96	2.07E-05	Gm3081	TEC	2.75	3.63	2.64	3.74	2.13	2.12	2.00	2.24
Down	ENSMUSG00000114707	-3.18	2.09E-05	Gm47558	TEC	3.61	3.46	3.65	2.77	2.00	2.12	2.00	2.24
Down	ENSMUSG00000113927	-3.32	2.15E-05	5330409N07Rik	TEC	3.02	3.92	3.16	3.21	2.00	2.00	2.00	2.70
Down	ENSMUSG00000106670	-2.51	2.15E-05	C230071H17Rik	TEC	3.10	3.57	3.93	3.27	2.00	2.00	2.00	2.70
Down	ENSMUSG00000105050	-5.11	2.16E-05	Gm42482	TEC	2.16	2.86	2.74	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104365	-2.81	2.16E-05	4930470B4Rik	TEC	2.75	3.52	3.49	2.25	2.00	2.00	2.00	2.34
Down	ENSMUSG00000109418	-3.47	2.18E-05	Gm44800	TEC	4.11	4.31	4.54	3.55	2.00	2.00	2.00	3.17
Down	ENSMUSG00000102441	-3.91	2.25E-05	Gm38032	TEC	2.43	3.63	3.80	2.69	2.00	2.00	2.00	2.44
Down	ENSMUSG00000107136	-2.25	2.28E-05	Gm42466	TEC	2.54	4.05	4.57	4.19	2.57	2.98	2.13	2.99
Down	ENSMUSG00000105434	-2.73	2.31E-05	Gm43359	TEC	3.77	3.11	4.57	3.74	2.00	2.12	2.35	3.17
Down	ENSMUSG00000109956	-2.18	2.37E-05	Gm45428	TEC	3.91	4.47	3.89	4.45	2.47	2.92	2.71	3.17
Down	ENSMUSG00000109438	-2.18	2.45E-05	Gm45073	TEC	2.94	3.78	3.23	3.33	2.00	2.92	2.00	2.54
Down	ENSMUSG00000107009	-4.28	2.49E-05	6720475M21Rik	TEC	2.94	3.03	3.75	3.01	2.00	2.00	2.00	2.34
Down	ENSMUSG00000104205	-4.85	2.54E-05	Gm37396	TEC	3.18	3.11	2.84	3.60	2.00	2.00	2.00	2.24
Down	ENSMUSG00000103046	-3.59	2.63E-05	Gm37309	TEC	3.72	2.95	2.42	3.55	2.00	2.00	2.00	2.44
Down	ENSMUSG00000111481	-3.23	2.63E-05	Gm47652	TEC	3.44	4.69	2.84	3.69	2.13	2.78	2.13	2.54
Down	ENSMUSG00000103195	-3.59	2.65E-05	Gm37644	TEC	3.38	3.78	3.01	3.33	2.00	2.00	2.13	2.24
Down	ENSMUSG00000108678	-2.87	2.71E-05	Gm44758	TEC	3.67	3.73	3.23	3.33	2.25	2.00	2.00	2.85
Down	ENSMUSG00000108563	-2.60	2.75E-05	Gm46628	TEC	2.85	4.31	2.95	2.82	2.00	2.00	2.00	2.34
Down	ENSMUSG00000105983	-3.44	2.84E-05	Gm42770	TEC	3.56	3.97	4.20	3.65	2.00	2.65	2.35	2.44
Down	ENSMUSG00000115210	-1.96	2.88E-05	Gm49308	TEC	3.50	4.50	3.80	4.25	2.00	3.11	2.54	3.39
Down	ENSMUSG00000106758	-3.36	2.95E-05	Gm42731	TEC	2.94	3.63	3.65	3.27	2.00	2.00	2.00	2.70
Down	ENSMUSG00000102951	-5.34	3.00E-05	Gm37216	TEC	3.02	3.73	2.54	2.77	2.00	2.12	2.00	2.00
Down	ENSMUSG00000108920	-4.87	3.00E-05	Gm44678	TEC	3.25	3.39	3.36	2.86	2.00	2.12	2.00	2.12
Down	ENSMUSG00000104145	-1.95	3.00E-05	D130019J16Rik	TEC	3.18	3.46	3.80	3.55	2.00	2.78	2.86	2.44
Down	ENSMUSG00000108993	-2.61	3.03E-05	Gm44846	TEC	4.07	5.17	5.24	5.09	2.00	2.70	3.90	3.06
Down	ENSMUSG00000116397	-5.50	3.08E-05	Gm49525	TEC	2.85	3.03	3.16	3.55	2.00	2.00	2.00	2.12
Down	ENSMUSG00000104576	-5.01	3.08E-05	F830115B05Rik	TEC	2.75	3.11	3.23	2.49	2.00	2.00	2.00	2.12
Down	ENSMUSG00000103940	-2.48	3.08E-05	Gm38227	TEC	4.07	4.37	4.09	3.60	2.13	2.62	2.93	2.78
Down	ENSMUSG00000103552	-3.21	3.10E-05	Gm38217	TEC	2.54	4.13	2.64	3.33	2.00	2.34	2.00	2.44
Down	ENSMUSG00000103932	-3.71	3.22E-05	Gm36963	TEC	3.02	3.73	2.64	3.60	2.00	2.12	2.00	2.44
Down	ENSMUSG00000114104	-5.05	3.24E-05	Gm47585	TEC	2.43	2.86	3.54	2.69	2.00	2.12	2.00	2.00
Down	ENSMUSG00000113065	-1.86	3.25E-05	Gm48870	TEC	3.97	3.44	4.52	3.45	3.05	3.05	2.13	2.70
Down	ENSMUSG00000104410	-3.64	3.26E-05	Gm37066	TEC	2.54	3.11	3.49	3.08	2.00	3.00	2.00	2.34
Down	ENSMUSG00000108601	-2.28	3.29E-05	Gm44645	TEC	4.22	4.31	4.37	4.09	2.12	2.12	2.79	3.66
Down	ENSMUSG00000108574	-3.98	3.42E-05	Gm44981	TEC	2.94	3.46	2.74	3.01	2.25	2.00	2.00	2.12
Down	ENSMUSG00000104488	-3.11	3.52E-05	Gm38062	TEC	3.56	3.19	3.36	3.69	2.00	2.12	2.00	2.78
Down	ENSMUSG00000109044	-3.64	3.57E-05	Gm44680	TEC	3.18	2.95	3.23	3.01	2.13	2.00	2.13	2.24
Down	ENSMUSG00000112106	-3.48	3.57E-05	Gm47026	TEC	2.65	3.39	4.01	2.94	2.00	2.00	2.54	2.12
Down	ENSMUSG00000106676	-2.42	3.60E-05	Gm42895	TEC	3.72	3.46	3.54	3.90	2.00	2.98	2.00	2.70
Down	ENSMUSG00000103412	-2.98	3.67E-05	Gm37340	TEC	2.75	3.33	2.93	3.15	2.25	2.24	2.00	2.24
Down	ENSMUSG00000104525	-2.28	3.83E-05	Gm37334	TEC	4.15	3.73	4.87	4.15	2.37	2.00	2.24	3.34
Down	ENSMUSG00000111341	-2.99	3.95E-05	Gm47111	TEC	3.67	2.95	3.43	3.45	2.00	3.45	2.71	2.24
Down	ENSMUSG00000103916	-2.21	3.96E-05	Gm38071	TEC	3.96	4.37	4.34	4.25	3.77	3.47	2.00	2.44
Down	ENSMUSG00000105962	-2.98	4.03E-05	Gm48652	TEC	2.65	2.86	3.60	2.57	2.24	2.00	2.00	2.12
Down	ENSMUSG00000115340	-2.83	4.12E-05	Gm48965	TEC	3.77	2.86	3.30	3.78	2.00	2.00	2.00	2.99
Down	ENSMUSG00000102321	-2.67	4.17E-05	Gm37792	TEC	2.65	3.39	3.30	3.65	2.24	2.00	2.00	2.54
Down	ENSMUSG00000105374	-3.56	4.24E-05	Gm42551	TEC	2.43	3.26	3.36	3.60	2.00	2.00	2.00	2.54
Down	ENSMUSG00000108478	-2.86	4.46E-05	Gm19514	TEC	3.25	4.17	3.30	3.45	2.47	2.00	2.63	2.24
Down	ENSMUSG00000106516	-5.19	4.47E-05	Gm42441	TEC	2.94	2.30	3.09	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102719	-2.69	4.47E-05	Gm37760	TEC	3.25	3.92	3.89	3.82	2.25	2.24	2.24	2.92
Down	ENSMUSG00000103763	-4.99	4.48E-05	Gm37860	TEC	3.10	2.66	2.54	3.21	2.00	2.00	2.00	2.12
Down	ENSMUSG00000113078	-3.08	4.59E-05	Gm48734	TEC	3.67	3.33	3.49	3.69	2.37	2.00	2.00	2.70
Down	ENSMUSG00000103891	-2.08	4.62E-05	Gm37941	TEC	3.44	3.46	3.36	3.33	2.00	3.00	2.00	2.62
Down	ENSMUSG00000103761	-1.98	4.62E-05	Gm37859	TEC	3.38	3.68	3.60	3.45	2.00	2.78	2.24	2.99
Down	ENSMUSG00000104114	-3.52	4.69E-05	Gm37297	TEC	2.85	3.03	3.16	3.08	2.00	2.12	2.13	2.24
Down	ENSMUSG00000108918	-2.79	4.72E-05	Gm44802	TEC	3.25	2.66	3.97	2.86	2.12	2.00	2.00	2.70
Down	ENSMUSG00000105962	-5.58	4.82E-05	Gm42432	TEC	2.00	3.11	3.16	2.86	2.00	2.00	2.00	2.00
Down	ENSMUSG00000103962	-2.09	4.86E-05	Gm48562	TEC	3.56	3.88	3.49	3.27	2.90	2.34	2.00	2.78
Down	ENSMUSG00000103859	-1.62	4.87E-05	Gm37807	TEC	4.82	5.26	4.12	5.62	3.60	4.87	3.00	4.81
Down	ENSMUSG00000112944	-3.70	4.89E-05	Gm48885	TEC	2.43	3.92	2.42	3.78	2.00	2.00	2.00	2.54
Down	ENSMUSG00000112142	-3.04	4.95E-05	Gm47022	TEC	3.25	3.33	3.54	3.15	2.00	2.34	2.00	2.54
Down	ENSMUSG00000112203	-1.11	5.11E-05	Gm49167	TEC	5.31	5.04	5.31	5.84	4.06	5.84	4.73	5.99
Down	ENSMUSG00000113687	-4.70	5.13E-05	Gm49703	TEC	3.18	3.03	3.01	3.27	2.00	2.00	2.00	2.24
Down	ENSMUSG00000109036	-4.74	5.15E-05	2210406H18Rik	TEC	2.65	3.46	3.16	3.21	2.00	2.00	2.00	2.24
Down	ENSMUSG00000102452	-4.17	5.24E-05	Gm38344	TEC	3.25	3.52	3.09	2.69	2.00	2.34	2.00	2.00
Down	ENSMUSG00000108752	-1.95	5.30E-05	Gm45191	TEC	3.99	3.78	4.95	4.58	2.47	3.77	3.07	2.62
Down	ENSMUSG00000107796	-4.68	5.31E-05	Gm44068	TEC	3.56	2.76	3.30	2.69	2.00	2.12	2.00	2.12
Down	ENSMUSG00000107042	-2.30	5.50E-05	4921513H07Rik	TEC	2.54	3.68	3.89	3.50	2.00	2.44	2.86	2.24
Down	ENSMUSG00000109191	-2.11	5.54E-05	Gm45131	TEC	3.38	3.88	3.43	2.86	2.25	2.62	2.00	2.85
Down	ENSMUSG00000108519	-3.27	5.61E-05	4833421K07Rik	TEC	3.81	2.76	3.49	3.60	2.25	2.60	2.00	2.44
Down	ENSMUSG00000103050	-2.91	5.62E-05	Gm38273	TEC	3.61	3.39	4.20	3.74	2.47	2.24	2.13	

Down	ENSMUSG00000103783	-2.53	5.84E-05	Gm37522	TEC	2.94	3.39	3.80	3.74	2.00	2.00	2.86	2.54
Down	ENSMUSG0000073867	-1.09	5.86E-05	AA474408	TEC	5.02	4.91	5.17	5.07	4.66	3.77	4.19	3.78
Down	ENSMUSG00000103497	-4.60	5.90E-05	Gm37407	TEC	2.75	3.26	2.93	3.27	2.13	2.00	2.00	2.12
Down	ENSMUSG00000110397	-3.61	6.00E-05	Gm45540	TEC	4.07	3.46	2.74	3.65	2.00	2.00	2.00	2.00
Down	ENSMUSG00000103747	-2.54	6.01E-05	Gm38236	TEC	3.10	3.52	3.60	3.21	2.00	2.00	2.34	2.80
Down	ENSMUSG00000109574	-3.18	6.07E-05	Gm42913	TEC	2.65	3.63	3.54	3.94	2.00	2.00	2.00	2.85
Down	ENSMUSG00000115148	-6.63	6.08E-05	Gm49125	TEC	3.50	3.43	4.57	3.50	2.45	2.70	2.70	2.78
Down	ENSMUSG00000109302	-4.80	6.13E-05	Gm44967	TEC	3.44	3.33	2.74	3.15	2.00	2.00	2.00	2.24
Down	ENSMUSG00000104039	-5.00	6.28E-05	Gm37772	TEC	2.16	2.95	3.49	2.77	2.00	2.00	2.00	2.12
Down	ENSMUSG00000108741	-3.64	6.41E-05	Gm44553	TEC	3.38	3.19	2.74	3.01	2.00	2.00	2.00	2.44
Down	ENSMUSG00000102780	-2.36	6.50E-05	Gm38253	TEC	4.07	4.34	4.17	4.22	2.13	3.33	2.00	3.12
Down	ENSMUSG00000105974	-2.86	6.53E-05	Gm43318	TEC	2.94	3.39	3.30	3.21	2.00	2.00	2.71	2.12
Down	ENSMUSG00000102153	-3.38	6.54E-05	Gm37474	TEC	2.85	3.57	2.84	4.02	2.00	2.00	2.63	2.12
Down	ENSMUSG00000107094	-4.94	6.64E-05	Gm43294	TEC	2.54	2.76	2.93	3.21	2.00	2.00	2.00	2.12
Down	ENSMUSG00000106904	-2.33	6.90E-05	Gm43029	TEC	2.85	3.63	3.54	3.98	2.00	2.85	2.00	2.78
Down	ENSMUSG00000105530	-3.82	7.11E-05	Gm43829	TEC	3.95	3.63	2.84	2.77	2.00	2.00	2.00	2.54
Down	ENSMUSG00000112448	-2.53	7.11E-05	Gm48182	TEC	3.61	3.46	2.93	2.69	2.00	2.53	2.54	2.00
Down	ENSMUSG00000102841	-1.54	7.12E-05	Gm38036	TEC	3.72	4.44	3.70	3.94	3.29	2.92	3.30	2.34
Down	ENSMUSG00000107103	-5.01	7.26E-05	Gm43164	TEC	2.30	2.30	2.54	3.15	2.00	2.00	2.00	2.00
Down	ENSMUSG00000110088	-4.96	7.26E-05	Gm45343	TEC	2.43	2.95	2.15	2.77	2.00	2.00	2.00	2.24
Down	ENSMUSG00000102570	-2.50	7.27E-05	Gm37968	TEC	3.67	3.63	3.01	3.55	2.00	2.85	2.13	2.44
Down	ENSMUSG00000103038	-2.64	7.31E-05	Gm37124	TEC	3.31	2.86	3.75	3.08	2.90	2.00	2.00	2.12
Down	ENSMUSG00000104988	-4.98	7.36E-05	Gm43622	TEC	3.10	2.00	3.01	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108102	-1.85	7.36E-05	Gm44437	TEC	3.86	4.20	3.01	4.19	2.74	3.22	2.00	2.99
Down	ENSMUSG00000103024	-2.77	7.38E-05	Gm37685	TEC	3.18	3.73	3.54	3.55	2.00	2.53	2.00	2.70
Down	ENSMUSG00000102287	-2.01	7.48E-05	Gm37003	TEC	3.18	3.26	3.70	4.15	2.00	3.05	2.63	2.54
Down	ENSMUSG00000102521	-4.64	7.58E-05	Gm37781	TEC	2.94	2.86	3.80	2.49	2.00	2.00	2.00	2.24
Down	ENSMUSG00000113269	-2.22	7.66E-05	Gm47494	TEC	3.31	3.78	3.65	2.86	2.47	2.62	2.00	2.62
Down	ENSMUSG00000105079	-5.44	7.71E-05	Gm43715	TEC	2.30	2.55	2.84	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104398	-3.34	7.73E-05	Gm37964	TEC	4.03	4.56	4.17	4.37	2.00	2.00	2.00	3.34
Down	ENSMUSG00000104647	-1.54	7.84E-05	Gm43485	TEC	3.67	3.11	3.60	3.74	2.66	2.44	3.00	2.78
Down	ENSMUSG00000104369	-1.62	7.85E-05	Gm38082	TEC	4.07	3.52	3.75	3.98	2.74	2.24	2.86	3.44
Down	ENSMUSG00000110088	-2.53	7.88E-05	Gm45343	TEC	3.91	3.43	3.43	3.45	2.00	3.13	2.00	2.24
Down	ENSMUSG00000108359	-4.81	7.90E-05	C430039J01Rik	TEC	3.02	2.55	3.01	2.69	2.00	2.00	2.12	2.00
Down	ENSMUSG00000108115	-2.54	7.98E-05	Gm43420	TEC	3.25	3.26	4.52	3.08	3.04	2.44	2.00	2.12
Down	ENSMUSG00000107966	-2.13	8.03E-05	Gm44001	TEC	3.02	3.78	4.30	3.01	2.37	3.23	2.12	3.03
Down	ENSMUSG00000106391	-3.72	8.10E-05	Gm42690	TEC	3.86	3.57	3.65	3.39	2.00	2.00	2.00	2.70
Down	ENSMUSG00000109513	-1.59	8.10E-05	Gm44928	TEC	6.46	5.35	5.83	5.58	4.16	4.32	5.19	3.78
Down	ENSMUSG00000112307	-1.88	8.19E-05	Gm48751	TEC	4.18	4.05	4.20	3.86	3.40	2.92	2.00	2.99
Down	ENSMUSG00000106045	-2.70	8.45E-05	Gm42996	TEC	2.75	3.33	3.16	3.21	2.00	2.00	2.00	2.78
Down	ENSMUSG00000108447	-2.48	8.45E-05	Gm44567	TEC	3.02	3.11	3.23	3.33	2.00	2.34	2.00	2.70
Down	ENSMUSG00000109040	-1.90	8.52E-05	Gm44542	TEC	3.77	3.68	3.49	4.19	2.24	2.86	2.62	2.62
Down	ENSMUSG00000103348	-5.13	8.54E-05	Gm37053	TEC	3.44	3.03	2.29	2.94	2.00	2.12	2.00	2.00
Down	ENSMUSG00000106384	-3.61	8.59E-05	Gm43188	TEC	2.43	3.68	4.30	3.74	2.00	2.78	2.00	2.00
Down	ENSMUSG00000106469	-5.13	8.67E-05	C030015E24Rik	TEC	2.54	2.76	3.09	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000103882	-4.02	8.80E-05	Gm37452	TEC	3.25	3.03	3.01	3.01	2.00	2.00	2.00	2.34
Down	ENSMUSG00000113984	-2.96	8.91E-05	Gm49890	TEC	3.38	2.86	3.09	3.28	2.00	2.00	2.00	2.62
Down	ENSMUSG00000105063	-3.70	8.95E-05	Gm43488	TEC	3.67	3.19	3.16	3.15	2.00	3.16	2.00	2.34
Down	ENSMUSG00000107729	-3.01	8.97E-05	B230112124Rik	TEC	3.18	2.43	3.43	3.08	2.44	2.00	2.00	2.24
Down	ENSMUSG00000104138	-4.63	9.06E-05	Gm36949	TEC	3.50	2.30	3.01	3.27	2.13	2.00	2.00	2.12
Down	ENSMUSG00000102573	-1.06	9.13E-05	Gm7265	TEC	3.95	4.44	4.40	4.53	3.50	4.07	3.30	3.23
Down	ENSMUSG00000103756	-2.27	9.22E-05	Gm37285	TEC	2.94	3.26	3.23	3.78	2.00	2.24	2.24	2.44
Down	ENSMUSG00000108917	-1.84	9.34E-05	Gm38451	TEC	3.86	3.33	4.24	4.28	2.00	2.98	3.59	2.34
Down	ENSMUSG00000113341	-4.98	9.38E-05	9430031K09Rik	TEC	2.54	2.95	2.42	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106887	-3.38	9.57E-05	A930005G22Rik	TEC	3.38	3.46	3.36	4.19	2.00	2.00	2.00	2.85
Down	ENSMUSG00000109606	-2.87	9.74E-05	Gm45537	TEC	3.02	2.95	3.16	2.86	2.00	2.00	2.00	2.62
Down	ENSMUSG00000105720	-2.29	9.84E-05	Gm42440	TEC	3.67	4.09	3.75	3.67	3.17	2.00	2.00	2.92
Down	ENSMUSG00000111003	-4.59	9.90E-05	Gm47122	TEC	2.85	3.03	2.84	3.45	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106254	-2.99	1.01E-04	Gm42907	TEC	3.31	3.39	2.84	2.59	2.13	2.00	2.24	2.34
Down	ENSMUSG00000103373	-2.78	1.01E-04	Gm37238	TEC	3.95	5.02	4.78	5.05	2.92	2.00	2.00	2.24
Down	ENSMUSG00000103032	-2.07	1.02E-04	Gm37121	TEC	3.81	3.39	3.23	2.97	2.00	2.24	2.24	2.78
Down	ENSMUSG00000105510	-5.18	1.04E-04	Gm43815	TEC	2.94	2.43	2.74	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000094832	-2.41	1.04E-04	Gm21846	TEC	2.65	3.68	3.30	3.39	2.47	2.00	2.35	2.54
Down	ENSMUSG00000112317	-2.34	1.04E-04	Gm47580	TEC	3.56	2.30	3.23	3.08	2.57	2.00	2.45	2.12
Down	ENSMUSG00000103225	-2.26	1.04E-04	Gm37731	TEC	3.44	3.46	3.89	2.86	2.00	3.11	2.00	2.34
Down	ENSMUSG00000102533	-1.35	1.04E-04	Gm37226	TEC	4.26	4.17	3.75	4.28	3.23	3.11	3.13	3.39
Down	ENSMUSG00000104061	-4.05	1.09E-04	Gm37953	TEC	3.44	2.86	2.74	3.21	2.00	2.00	2.00	2.34
Down	ENSMUSG00000108055	-3.62	1.09E-04	Gm43876	TEC	3.81	3.33	3.36	3.08	2.00	2.00	2.00	2.62
Down	ENSMUSG00000112637	-2.00	1.09E-04	Gm48225	TEC	3.18	3.92	3.36	3.90	2.00	2.98	2.63	2.62
Down	ENSMUSG00000109131	-3.52	1.10E-04	Gm44862	TEC	2.43	3.33	3.01	3.21	2.00	2.12	2.00	2.34
Down	ENSMUSG00000103303	-2.55	1.11E-04	Gm37802	TEC	3.25	3.52	3.16	4.15	2.13	2.92	2.00	2.44
Down	ENSMUSG00000103824	-5.26	1.12E-04	Gm38177	TEC	3.02	2.00	3.23	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102417	-4.00	1.12E-04	Gm38239	TEC	3.94	3.46	3.30	2.94	2.00	2.00	2.00	2.00
Down	ENSMUSG00000107806	-2.07	1.14E-04	Gm43873	TEC	3.10	3.68	3.68	3.69	2.12	2.00	2.24	2.44
Down	ENSMUSG00000108904	-1.66	1.14E-04	Gm45819	TEC	4.84	4.95	4.60	4.37	3.11	3.43	3.24	3.92
Down	ENSMUSG00000107782	-3.98	1.17E-04	Gm43888	TEC	2.43	3.11	3.43	3.08	2.00	2.00	2.00	2.34
Down	ENSMUSG00000115095	-2.45	1.18E-04	Gm49311	TEC	3.10	3.11	3.09	3.60	2.00	2.00	2.00	2.00
Down	ENSMUSG00000114193	-1.73	1.18E-04	Gm48139	TEC	2.94	3.57	3.75	3.45	2.82	2.70	2.00	2.78
Down	ENSMUSG00000104469	-3.27	1.19E-04	Gm37663	TEC	2.65	3.33	3.09	3.15	2.13	2.12	2.24	2.12
Down	ENSMUSG00000109031	-1.22	1.21E-04	Gm45201	TEC	4.65	4.41	4.73	4.31	3.29	3.05	4.33	3.44
Down	ENSMUSG00000112512	-5.18	1.22E-04	Gm48203	TEC	2.65	2.86	2.54	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102721	-2.89	1.23E-04	A630081D01Rik	TEC	2.43	3.52	2.93	3.39	2.00	2.24	2.54	2.00
Down	ENSMUSG00000104918	-2.10	1.24E-04	Gm42944	TEC	4.45	4.79	4.40	4.96	3.40	3.84	2.00	2.78
Down	ENSMUSG00000104400	-3.93	1.25E-04	Gm38010	TEC	2.94	3.03	2.84	3.27	2.00	2.00	2.00	2.34
Down	ENSMUSG00000113349	-2.32	1.27E-04	Gm48369	TEC	2.75	3.57	3.84	3.39	2.74	2.00	2.00	2.00
Down	ENSMUSG00000106825	-3.27	1.28E-04	2510016D111Rik	TEC	2.54	3.73	3.54	2.69	2.00	2.13	2.13	2.44
Down	EN												

Down	ENSMUSG00000114094	-3.33	1.39E-04	Gm48375	TEC	3.10	2.86	3.09	2.69	2.00	2.00	2.00	2.44
Down	ENSMUSG00000103762	-2.17	1.39E-04	Gm37861	TEC	3.72	3.88	3.16	3.94	2.74	2.00	2.00	3.23
Down	ENSMUSG00000108956	-1.90	1.39E-04	Gm45179	TEC	3.91	3.19	3.60	4.25	2.78	2.54	2.00	3.17
Down	ENSMUSG00000104709	-4.05	1.41E-04	Gm42484	TEC	3.10	3.19	3.23	2.86	2.37	2.00	2.00	2.00
Down	ENSMUSG00000114882	-3.97	1.42E-04	Gm48581	TEC	2.85	2.95	3.16	3.21	2.30	2.00	2.00	2.34
Down	ENSMUSG00000102902	-2.99	1.44E-04	Gm38263	TEC	3.50	2.95	3.16	2.49	2.00	2.00	2.45	2.24
Down	ENSMUSG00000104493	-3.75	1.45E-04	Gm19552	TEC	3.81	3.11	3.15	3.15	2.00	2.00	2.00	2.54
Down	ENSMUSG00000104292	-2.04	1.45E-04	Gm38042	TEC	3.38	4.41	4.30	3.86	2.97	2.44	2.00	3.12
Down	ENSMUSG00000103734	-2.17	1.46E-04	Gm37651	TEC	3.67	2.55	3.54	3.60	2.74	2.44	2.00	2.54
Down	ENSMUSG00000104125	-1.81	1.46E-04	Gm37488	TEC	3.72	3.26	2.93	4.22	2.13	3.05	2.71	2.62
Down	ENSMUSG00000109045	-2.16	1.49E-04	Gm45084	TEC	3.38	3.26	3.16	3.86	2.00	2.85	2.00	2.78
Down	ENSMUSG00000105861	-2.24	1.51E-04	Gm43508	TEC	2.94	3.52	3.30	3.86	2.25	2.12	2.35	2.92
Down	ENSMUSG00000108077	-2.94	1.53E-04	6330415B21Rik	TEC	3.18	2.95	3.30	3.55	2.00	2.00	2.79	2.00
Down	ENSMUSG00000105613	-2.06	1.53E-04	Gm43684	TEC	4.26	4.50	4.17	4.58	2.00	3.69	2.63	3.17
Down	ENSMUSG00000102673	-2.05	1.53E-04	Gm37437	TEC	3.38	3.78	3.43	3.69	2.74	2.70	2.54	2.24
Down	ENSMUSG00000103343	-2.01	1.57E-04	Gm37052	TEC	3.77	3.46	3.75	3.33	2.00	3.17	2.00	2.78
Down	ENSMUSG00000106962	-4.02	1.59E-04	Gm43633	TEC	2.43	3.46	3.30	2.94	2.00	2.00	2.00	2.34
Down	ENSMUSG00000107448	-3.73	1.62E-04	Gm43947	TEC	3.02	2.86	2.64	3.15	2.00	2.00	2.00	2.30
Down	ENSMUSG00000116624	-3.44	1.62E-04	Gm49706	TEC	2.54	2.86	3.16	3.27	2.00	2.00	2.00	2.44
Down	ENSMUSG00000109596	-1.40	1.64E-04	Gm42822	TEC	3.31	4.27	3.84	3.55	2.98	2.71	2.00	2.54
Down	ENSMUSG00000115161	-2.11	1.68E-04	Gm20555	TEC	3.50	2.95	3.84	3.45	2.00	2.12	2.45	3.12
Down	ENSMUSG00000108008	-3.07	1.70E-04	Gm43869	TEC	3.50	3.52	3.84	2.69	2.00	2.12	2.00	2.78
Down	ENSMUSG00000103272	-1.60	1.70E-04	Gm37914	TEC	3.56	3.57	2.93	3.86	2.66	2.24	2.86	2.92
Down	ENSMUSG00000102419	-2.70	1.73E-04	Gm36940	TEC	3.61	2.95	3.09	3.15	2.00	2.53	2.45	2.00
Down	ENSMUSG00000105990	-5.09	1.79E-04	Gm43307	TEC	3.61	3.33	3.23	3.21	2.00	2.00	2.00	2.24
Down	ENSMUSG00000105828	-4.64	1.79E-04	Gm43048	TEC	2.85	3.11	3.36	3.01	2.00	2.24	2.00	2.00
Down	ENSMUSG00000113290	-5.30	1.87E-04	A530058O07Rik	TEC	2.85	3.19	2.64	3.45	2.00	2.00	2.13	2.00
Up	ENSMUSG00000102299	1.44	1.92E-04	Gm37539	TEC	4.18	3.39	4.49	4.05	5.50	5.43	5.10	5.06
Down	ENSMUSG0000031802	-2.33	1.92E-04	Phxr4	TEC	3.18	3.33	3.30	3.45	2.00	2.34	2.00	2.92
Down	ENSMUSG00000103149	-2.90	1.93E-04	AA914427	TEC	3.72	4.13	3.75	3.69	2.37	2.00	2.79	2.44
Down	ENSMUSG00000107240	-2.44	1.93E-04	Gm43231	TEC	3.10	3.57	3.80	4.25	2.92	2.00	2.00	2.70
Down	ENSMUSG00000108040	-2.87	1.94E-04	Gm43900	TEC	4.29	3.88	3.54	3.90	2.00	2.92	2.45	2.34
Down	ENSMUSG00000113335	-5.54	1.97E-04	Gm48266	TEC	2.65	3.11	2.93	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000107454	-4.40	2.06E-04	Gm43875	TEC	3.02	2.55	3.23	2.00	2.04	2.00	2.00	2.00
Down	ENSMUSG00000106858	-2.91	2.07E-04	Gm43844	TEC	4.57	3.73	4.40	3.90	2.13	2.12	2.00	3.44
Down	ENSMUSG00000103889	-3.05	2.09E-04	Gm37011	TEC	2.54	3.46	3.09	3.15	2.00	2.00	2.13	2.50
Down	ENSMUSG00000105894	-4.45	2.13E-04	Gm42710	TEC	3.18	3.19	2.42	3.08	2.13	2.00	2.00	2.12
Down	ENSMUSG00000105822	-1.60	2.13E-04	Gm42969	TEC	3.18	4.24	3.43	3.55	2.47	3.11	2.35	2.99
Down	ENSMUSG00000105848	-2.15	2.14E-04	Gm42683	TEC	3.18	3.26	3.49	3.60	2.25	2.00	2.63	2.78
Down	ENSMUSG00000104010	-2.17	2.17E-04	Gm37366	TEC	2.85	3.11	4.09	3.21	2.25	2.62	2.13	2.70
Down	ENSMUSG00000112369	-3.66	2.19E-04	Gm47911	TEC	3.25	2.55	3.16	3.33	2.00	2.34	2.00	2.12
Down	ENSMUSG00000110986	-2.73	2.19E-04	Gm20276	TEC	3.10	3.26	3.23	3.33	2.00	2.62	2.00	2.34
Down	ENSMUSG00000109057	-2.62	2.19E-04	Gm44741	TEC	3.61	3.03	3.09	4.34	2.00	2.62	2.00	2.85
Down	ENSMUSG00000112391	-2.54	2.24E-04	Gm48230	TEC	4.32	3.78	3.97	4.12	2.00	4.12	3.30	2.70
Down	ENSMUSG00000103662	-1.90	2.25E-04	Gm34294	TEC	4.42	3.52	3.65	3.74	3.35	2.92	2.00	2.54
Down	ENSMUSG00000112008	-2.56	2.32E-04	Gm47218	TEC	2.75	2.76	3.65	3.50	2.00	2.00	2.54	2.54
Down	ENSMUSG00000104017	-1.89	2.35E-04	Gm37363	TEC	3.02	3.11	3.70	3.20	2.00	2.37	2.70	2.70
Down	ENSMUSG00000102681	-3.69	2.36E-04	Gm37221	TEC	2.94	3.11	2.54	3.01	2.00	2.24	2.00	2.12
Down	ENSMUSG00000114555	-2.44	2.37E-04	Gm48706	TEC	2.75	3.11	3.54	2.75	2.12	2.12	2.00	2.34
Down	ENSMUSG00000103596	-1.86	2.38E-04	Gm37354	TEC	3.02	3.11	3.84	3.65	2.57	3.05	2.00	2.44
Down	ENSMUSG00000111509	-3.62	2.39E-04	Gm47266	TEC	2.75	3.03	2.93	3.50	2.00	2.00	2.00	2.44
Down	ENSMUSG00000102410	-4.88	2.43E-04	Gm36935	TEC	3.10	2.16	2.15	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000107823	-4.69	2.44E-04	Gm44436	TEC	2.94	3.52	3.23	2.89	2.00	2.00	2.00	2.24
Down	ENSMUSG00000107668	-5.09	2.45E-04	Gm44424	TEC	2.85	3.11	3.09	2.77	2.00	2.00	2.00	2.12
Down	ENSMUSG00000112020	-4.84	2.46E-04	Gm48532	TEC	2.43	3.19	2.42	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000115543	-2.08	2.47E-04	B230362B09Rik	TEC	2.85	2.66	3.65	3.08	2.37	2.34	2.00	2.62
Down	ENSMUSG00000114016	-3.77	2.55E-04	Gm47258	TEC	2.75	2.55	3.09	3.27	2.00	3.24	2.00	2.20
Down	ENSMUSG00000108189	-2.29	2.57E-04	Gm43887	TEC	3.18	3.03	3.84	3.50	2.25	2.12	2.93	2.70
Down	ENSMUSG00000107596	-2.61	2.58E-04	Gm44423	TEC	2.75	4.41	3.60	3.78	2.00	2.00	2.93	2.24
Down	ENSMUSG00000108790	-2.12	2.59E-04	Gm44806	TEC	3.02	3.57	2.93	3.60	2.00	2.24	2.45	2.85
Down	ENSMUSG00000108256	-4.81	2.60E-04	Gm44681	TEC	2.94	2.43	2.29	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113965	-3.43	2.60E-04	A730091E23Rik	TEC	3.86	3.92	3.93	4.15	2.00	2.00	2.00	3.06
Down	ENSMUSG00000107967	-2.60	2.62E-04	Gm44094	TEC	3.02	2.95	2.84	3.08	2.00	2.34	2.24	2.24
Down	ENSMUSG00000106337	-3.24	2.64E-04	Gm42478	TEC	2.94	2.95	3.01	2.69	2.00	2.00	2.00	2.44
Down	ENSMUSG00000110556	-2.20	2.65E-04	Gm45762	TEC	3.10	3.26	3.36	3.21	2.00	2.62	2.63	2.12
Down	ENSMUSG00000106049	-2.54	2.68E-04	Gm43019	TEC	2.30	3.11	3.75	3.60	2.00	2.62	2.24	2.34
Down	ENSMUSG00000104453	-1.84	2.71E-04	Gm37829	TEC	3.95	4.13	3.75	4.42	2.00	3.38	3.40	2.44
Down	ENSMUSG00000107624	-1.54	2.75E-04	Gm44005	TEC	3.99	3.92	4.52	3.45	2.37	3.69	2.45	3.17
Down	ENSMUSG00000102749	-4.32	2.81E-04	Gm37598	TEC	2.65	2.55	2.93	2.38	2.00	2.00	2.00	2.12
Down	ENSMUSG00000113003	-1.84	2.90E-04	Gm47138	TEC	3.86	4.01	3.97	3.82	2.90	3.52	2.13	2.34
Down	ENSMUSG00000110540	-1.92	3.03E-04	Gm45743	TEC	3.18	2.95	3.16	3.90	2.00	2.44	2.00	2.54
Down	ENSMUSG00000107813	-2.37	3.10E-04	Gm44434	TEC	3.18	3.03	2.84	3.60	2.00	2.70	2.00	2.44
Down	ENSMUSG00000108064	-1.56	3.12E-04	Gm44423	TEC	3.18	3.92	3.60	4.28	2.47	3.47	2.99	3.47
Down	ENSMUSG00000103854	-3.30	3.19E-04	Gm37250	TEC	2.65	2.43	3.97	3.30	2.00	3.33	2.00	2.34
Down	ENSMUSG00000108807	-3.87	3.25E-04	4833404L02Rik	TEC	3.31	3.39	3.01	3.15	2.00	2.00	2.35	2.12
Down	ENSMUSG00000103388	-2.31	3.26E-04	Gm37581	TEC	2.43	3.63	3.30	3.08	2.37	2.00	2.00	2.78
Down	ENSMUSG00000115228	-3.41	3.29E-04	Gm48948	TEC	2.85	3.19	2.84	3.01	2.12	2.12	2.13	2.24
Down	ENSMUSG00000104034	-1.68	3.30E-04	2900092N22Rik	TEC	3.18	3.78	3.93	3.60	3.04	2.44	2.35	2.99
Down	ENSMUSG00000103887	-3.55	3.42E-04	Gm37008	TEC	2.85	3.52	3.93	2.94	2.00	2.00	2.00	2.62
Down	ENSMUSG00000109656	-3.01	3.42E-04	Gm45548	TEC	3.31	3.03	2.54	3.27	2.00	2.00	2.00	2.62
Down	ENSMUSG00000104170	-2.43	3.44E-04	Gm37702	TEC	3.38	3.03	2.93	2.94	2.25	2.00	2.00	2.70
Down	ENSMUSG00000107054	-2.71	3.45E-04	C730045M19Rik	TEC	2.54	3.52	3.80	3.45	2.13	2.92	2.00	2.00
Down	ENSMUSG00000108216	-1.88	3.49E-04	Gm44153	TEC	3.50	2.76	3.49	3.86	2.00	3.22	2.00	2.62
Down	ENSMUSG00000105261	-5.69	3.61E-04	Gm43333	TEC	3.10	3.11	2.64	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102496	-2.29	3.74E-04	Gm36989	TEC	3.31	4.53	4.27	4.34	2.13	2.53	2.24	3.66
Down	ENSMUSG00000110689	-1.96	3.77E-04	Gm45731	TEC	3.61	2.95	3.30	3.39	3.04	2.62	2.00	2.00
Down	ENSMUS												

Down	ENSMUSG00000108108	-4.74	3.93E-04	Gm44270	TEC	2.43	2.66	2.84	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000112090	-4.44	3.93E-04	Gm48231	TEC	2.75	2.76	3.23	3.15	2.00	2.00	2.00	2.24
Down	ENSMUSG00000106364	-4.40	3.94E-04	Gm42994	TEC	2.43	2.95	2.93	2.27	2.00	2.12	2.00	2.00
Down	ENSMUSG00000105707	-1.92	4.00E-04	Gm43753	TEC	3.56	3.26	2.84	3.08	2.74	2.00	2.00	2.78
Down	ENSMUSG00000104094	-1.70	4.05E-04	Gm37314	TEC	3.31	3.73	3.43	4.39	3.22	2.00	2.00	2.85
Down	ENSMUSG00000114817	-2.49	4.06E-04	Gm48356	TEC	3.77	3.68	3.30	3.08	2.25	2.34	2.00	2.65
Down	ENSMUSG00000112256	-2.20	4.19E-04	Gm48014	TEC	2.94	2.94	2.00	3.15	2.00	2.00	2.70	2.70
Down	ENSMUSG00000102448	-1.96	4.20E-04	Gm37101	TEC	3.50	4.27	3.97	2.82	2.00	3.82	2.00	2.78
Down	ENSMUSG00000102939	-2.63	4.21E-04	Gm38111	TEC	2.94	3.39	3.75	3.21	2.00	2.00	2.93	2.12
Down	ENSMUSG00000108689	-2.16	4.29E-04	Gm45354	TEC	2.85	3.11	3.84	3.15	2.66	2.12	2.24	2.54
Down	ENSMUSG00000099893	-1.80	4.30E-04	Gm29245	TEC	2.94	3.68	2.54	3.50	2.00	2.34	2.79	2.62
Down	ENSMUSG00000109387	-2.38	4.44E-04	Gm45182	TEC	4.15	4.41	4.57	4.34	2.90	2.12	3.71	2.00
Down	ENSMUSG00000106706	-2.25	4.45E-04	C530043K16Rik	TEC	2.94	3.39	3.16	3.69	2.00	3.05	2.00	2.24
Down	ENSMUSG00000107195	-2.45	4.54E-04	4930589O11Rik	TEC	3.25	3.03	3.23	3.15	2.00	2.34	2.45	2.34
Down	ENSMUSG00000113812	-4.79	4.57E-04	Gm48699	TEC	2.00	2.55	2.74	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105877	-4.25	4.70E-04	Gm42479	TEC	2.54	2.95	2.29	2.59	2.00	2.00	2.12	2.00
Down	ENSMUSG00000102289	-2.62	4.81E-04	Gm31258	TEC	4.26	3.57	3.80	4.02	2.82	2.00	2.00	2.70
Down	ENSMUSG00000103420	-3.55	4.87E-04	Gm37537	TEC	3.25	2.86	2.15	2.94	2.24	2.00	2.12	2.00
Down	ENSMUSG00000107655	-1.93	4.87E-04	Gm44220	TEC	3.95	3.92	4.27	4.22	2.47	3.22	2.45	3.23
Down	ENSMUSG00000102172	-4.15	4.93E-04	Gm37873	TEC	2.85	4.01	2.54	2.59	2.00	2.00	2.00	2.34
Down	ENSMUSG00000110529	-1.16	4.93E-04	Gm45694	TEC	3.99	4.34	4.54	3.23	3.47	3.54	3.48	3.54
Down	ENSMUSG00000103220	-1.74	4.99E-04	Gm37728	TEC	3.02	4.20	4.70	3.86	2.37	2.92	2.86	3.48
Down	ENSMUSG00000105520	-4.01	5.08E-04	Gm42837	TEC	3.10	2.86	3.09	3.21	2.00	3.24	2.13	2.24
Down	ENSMUSG00000104325	-2.23	5.08E-04	Gm37321	TEC	3.25	3.78	2.64	3.15	2.25	2.78	2.00	2.34
Up	ENSMUSG00000106834	1.50	5.18E-04	Gm10459	TEC	4.22	4.37	4.40	4.48	4.82	6.10	5.59	5.88
Down	ENSMUSG00000108522	-1.97	5.19E-04	Gm44664	TEC	3.18	3.03	3.16	3.08	2.37	2.53	2.00	2.54
Down	ENSMUSG00000106244	-1.87	5.25E-04	Gm43046	TEC	3.10	3.46	4.24	4.15	2.57	2.00	3.50	2.54
Down	ENSMUSG00000107531	-3.05	5.41E-04	E330037G11Rik	TEC	3.02	3.33	2.54	2.86	2.00	2.45	2.00	2.12
Down	ENSMUSG00000113045	-2.25	5.53E-04	Gm48621	TEC	3.67	3.57	3.54	4.12	3.33	2.00	2.54	2.54
Down	ENSMUSG00000112197	-2.25	5.59E-04	Gm47337	TEC	3.50	3.92	3.54	2.86	2.00	2.78	2.00	2.85
Down	ENSMUSG00000103543	-4.78	5.60E-04	Gm37669	TEC	2.16	2.55	2.42	2.00	2.94	2.00	2.00	2.00
Down	ENSMUSG00000103945	-2.50	5.68E-04	Gm38228	TEC	2.75	3.63	3.01	4.12	2.12	2.00	3.12	2.00
Down	ENSMUSG00000106073	-3.91	5.77E-04	Gm44875	TEC	3.11	3.11	2.54	3.55	2.12	2.12	2.00	3.12
Down	ENSMUSG00000108912	-2.22	5.77E-04	Gm43785	TEC	3.18	3.39	3.16	2.69	2.00	2.57	2.00	2.62
Down	ENSMUSG00000107835	-2.04	5.90E-04	Gm43999	TEC	2.30	3.57	3.36	3.08	2.25	2.92	2.00	2.12
Down	ENSMUSG00000110903	-2.44	5.94E-04	Gm47857	TEC	3.02	3.33	3.49	3.82	2.00	2.53	2.13	2.78
Down	ENSMUSG00000102257	-2.68	5.96E-04	Gm37649	TEC	3.44	3.26	3.16	2.94	2.00	2.34	2.00	2.62
Down	ENSMUSG00000111254	-1.79	6.03E-04	Gm48717	TEC	3.10	3.33	3.65	3.78	2.00	3.30	2.70	2.70
Down	ENSMUSG00000109332	-2.99	6.11E-04	Gm44742	TEC	2.43	3.19	3.09	2.94	2.37	2.12	2.00	2.12
Down	ENSMUSG00000105500	-4.51	6.12E-04	Gm42591	TEC	2.43	2.16	2.54	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102664	-1.83	6.12E-04	Gm38380	TEC	2.54	3.46	3.23	3.39	2.00	2.62	2.00	2.92
Down	ENSMUSG00000112309	-4.33	6.25E-04	Gm48353	TEC	2.85	2.95	2.15	2.49	2.13	2.00	2.00	2.00
Down	ENSMUSG00000104641	-2.41	6.36E-04	Gm43290	TEC	2.54	3.33	4.05	3.86	2.00	3.07	2.00	2.44
Down	ENSMUSG00000110160	-2.50	6.37E-04	Gm45560	TEC	3.38	2.43	3.36	3.39	2.13	2.00	2.35	2.62
Down	ENSMUSG00000104221	-2.87	6.39E-04	Gm37051	TEC	2.54	2.86	3.54	2.86	2.00	2.00	2.00	2.62
Down	ENSMUSG00000109317	-2.36	6.39E-04	Gm44663	TEC	3.25	3.26	3.16	4.15	2.25	2.00	2.00	3.17
Down	ENSMUSG00000104928	-3.45	6.55E-04	Gm42998	TEC	3.45	2.94	2.76	2.74	2.94	2.13	2.00	2.00
Down	ENSMUSG00000109245	-1.91	6.66E-04	Gm44860	TEC	4.48	4.64	4.57	3.82	3.87	2.63	2.24	2.24
Down	ENSMUSG00000110758	-3.99	6.66E-04	Gm48092	TEC	2.94	3.03	2.42	3.60	2.00	2.00	2.00	2.34
Down	ENSMUSG00000114617	-1.66	6.68E-04	Gm48766	TEC	3.61	3.52	3.36	3.82	2.00	2.85	3.24	2.44
Down	ENSMUSG00000108630	-4.29	6.70E-04	Gm44607	TEC	3.18	2.86	3.16	2.38	2.25	2.00	2.00	2.00
Down	ENSMUSG00000103422	-2.35	6.73E-04	Gm37536	TEC	3.10	3.19	3.65	3.55	2.00	2.12	2.00	3.12
Down	ENSMUSG00000103522	-2.54	6.74E-04	9430087J23Rik	TEC	2.43	2.76	3.16	2.94	2.47	2.00	2.00	2.24
Down	ENSMUSG00000104282	-5.91	6.80E-04	Gm37460	TEC	3.10	3.11	3.09	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000111951	-4.46	6.86E-04	Gm48755	TEC	3.50	3.11	2.42	2.13	2.12	2.00	2.00	2.00
Down	ENSMUSG00000108076	-3.44	6.92E-04	9530086O07Rik	TEC	2.30	2.43	3.09	3.15	2.13	2.24	2.00	2.00
Down	ENSMUSG00000102276	-4.39	7.01E-04	2900069G24Rik	TEC	2.00	3.03	2.64	2.00	2.77	2.00	2.00	2.00
Down	ENSMUSG00000105119	-3.49	7.03E-04	Gm43765	TEC	2.00	2.86	3.09	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106205	-1.48	7.18E-04	C230096K16Rik	TEC	4.03	4.41	3.65	3.74	3.35	2.70	3.00	3.06
Down	ENSMUSG00000112900	-3.58	7.38E-04	Gm48204	TEC	3.18	2.66	2.64	3.55	2.00	2.00	2.44	2.44
Down	ENSMUSG00000108152	-1.29	7.46E-04	Gm44152	TEC	2.94	2.95	2.84	3.15	2.25	2.00	2.00	2.70
Down	ENSMUSG00000091272	-1.29	7.49E-04	Gm17641	TEC	4.75	4.24	4.52	4.39	3.81	3.22	3.07	3.85
Down	ENSMUSG00000115155	-3.80	7.58E-04	Gm49182	TEC	3.02	2.55	2.93	3.27	2.13	2.00	2.00	2.24
Down	ENSMUSG00000116766	-3.34	7.59E-04	Gm49702	TEC	3.10	2.76	2.74	2.38	2.00	2.00	2.35	2.00
Down	ENSMUSG00000102322	-4.30	7.60E-04	4930566N20Rik	TEC	2.00	2.66	2.15	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102324	-1.59	7.60E-04	Gm19721	TEC	3.38	3.92	4.24	3.74	2.66	2.12	3.13	3.39
Down	ENSMUSG00000106048	-2.41	7.82E-04	Gm42444	TEC	2.43	3.46	3.01	3.45	2.00	2.00	2.24	2.78
Down	ENSMUSG00000108214	-2.35	7.94E-04	Gm43982	TEC	2.85	3.26	3.23	3.08	2.25	2.00	2.00	2.78
Down	ENSMUSG00000109622	-4.57	8.06E-04	Gm45517	TEC	2.54	2.30	3.60	3.39	2.25	2.00	2.00	2.00
Down	ENSMUSG00000103632	-4.96	8.11E-04	Gm38329	TEC	2.30	3.46	2.64	2.94	2.00	2.00	2.12	2.00
Down	ENSMUSG00000113196	-2.16	8.34E-04	D230049E03Rik	TEC	4.77	3.92	3.60	4.77	2.85	3.75	2.34	2.34
Down	ENSMUSG00000104873	-4.91	8.59E-04	Gm40332	TEC	3.50	2.55	2.54	2.69	2.00	2.00	2.12	2.00
Down	ENSMUSG00000102225	-2.32	8.67E-04	Gm37983	TEC	2.43	3.26	2.74	2.43	2.00	2.44	2.00	2.35
Down	ENSMUSG00000107913	4.08	8.72E-04	Gm48711	TEC	3.02	2.16	2.63	2.13	2.00	2.12	2.00	2.12
Down	ENSMUSG00000107529	-1.51	8.78E-04	Gm44291	TEC	3.10	3.57	3.30	3.55	2.82	2.12	3.00	2.54
Down	ENSMUSG00000113776	-1.98	8.87E-04	Gm19327	TEC	3.10	3.57	3.36	3.65	2.37	2.00	2.45	2.54
Down	ENSMUSG00000103622	-1.33	8.87E-04	Gm38391	TEC	4.77	4.47	4.75	5.04	3.65	4.19	3.55	2.54
Down	ENSMUSG00000107620	-3.23	8.89E-04	Gm44256	TEC	3.10	2.55	2.74	3.08	2.00	2.44	2.00	2.00
Down	ENSMUSG00000104735	-2.10	9.11E-04	C130075A20Rik	TEC	2.85	3.26	3.23	3.33	2.70	2.00	2.00	2.62
Down	ENSMUSG00000102935	-3.49	9.16E-04	Gm38355	TEC	2.43	3.46	2.93	3.08	2.00	2.12	2.00	2.34
Down	ENSMUSG00000115318	-6.07	9.18E-04	Gm49089	TEC	3.50	2.43	3.16	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105466	-2.88	9.23E-04	Gm42998	TEC	2.94	3.26	2.74	3.45	2.13	2.12	2.24	2.34
Down	ENSMUSG00000108850	-1.62	9.24E-04	Gm44914	TEC	3.10	2.95	3.60	3.15	2.00	2.92	2.71	2.24
Down	ENSMUSG00000102844	-2.22	9.35E-04	Gm38034	TEC	2.54	2.86	3.93	3.27	2.00	2.00	2.63	2.00
Down	ENSMUSG00000104562	-4.31	9.37E-04	Gm42767	TEC	2.00	2.95	3.43	3.01	2.00	2.00	2.24	2.24
Down	ENSMUSG00000102733	-4.40	9.48E-04	Gm38262	TEC	2.00	2.16	2.74	2.69	2.00	2.00	2.00	2.0

Down	ENSMUSG00000103207	-2.19	9.98E-04	Gm9874	TEC	2.75	3.19	3.60	2.69	2.00	2.34	2.00	2.78
Down	ENSMUSG00000109652	-1.38	1.00E-03	Gm45555	TEC	3.72	4.20	4.63	3.74	3.73	3.11	2.13	3.39
Down	ENSMUSG00000113154	-2.49	1.01E-03	Gm48713	TEC	2.65	3.19	3.23	2.49	2.00	2.34	2.00	2.44
Up	ENSMUSG00000108466	1.26	1.02E-03	Gm44771	TEC	4.51	4.58	3.70	4.22	4.76	5.88	5.66	4.83
Down	ENSMUSG00000106603	-2.32	1.02E-03	Gm43509	TEC	2.75	2.66	3.89	3.01	2.00	2.53	2.00	2.61
Down	ENSMUSG00000108143	-2.71	1.03E-03	Gm44414	TEC	3.02	3.39	3.23	4.22	2.00	2.62	2.35	2.44
Down	ENSMUSG00000102650	-2.03	1.03E-03	Gm19983	TEC	3.50	4.34	3.97	3.55	2.37	2.00	2.54	2.44
Down	ENSMUSG00000108264	-3.19	1.04E-03	Gm20371	TEC	2.54	3.52	2.29	3.39	2.00	2.00	2.45	2.12
Down	ENSMUSG00000108155	-1.60	1.04E-03	Gm44443	TEC	3.99	4.47	4.05	4.37	3.81	3.05	2.00	3.23
Down	ENSMUSG00000110282	-1.34	1.06E-03	B930086L07Rik	TEC	3.77	3.78	3.89	3.78	2.82	2.92	3.00	3.17
Down	ENSMUSG00000106994	-1.87	1.08E-03	Gm10829	TEC	3.18	3.46	2.93	3.08	2.00	2.00	2.86	2.62
Down	ENSMUSG00000106729	-2.48	1.09E-03	Gm43165	TEC	2.75	3.33	3.60	2.49	2.00	2.00	2.79	2.12
Down	ENSMUSG00000110137	-5.34	1.10E-03	Gm45577	TEC	2.30	2.95	3.49	3.33	2.00	2.00	2.00	2.12
Down	ENSMUSG00000116707	-4.14	1.10E-03	Gm49590	TEC	2.16	2.30	2.54	3.08	2.00	2.00	2.00	2.12
Down	ENSMUSG00000108067	-1.86	1.10E-03	Gm43953	TEC	3.10	2.66	3.09	3.08	2.00	2.92	2.00	2.24
Down	ENSMUSG00000108455	-1.70	1.10E-03	Gm44745	TEC	3.61	3.46	3.16	2.94	2.00	3.17	2.00	2.62
Down	ENSMUSG00000107414	-2.65	1.11E-03	6330419E04Rik	TEC	3.50	3.03	3.16	3.01	2.00	2.78	2.00	2.12
Down	ENSMUSG00000108753	-1.99	1.11E-03	Gm45094	TEC	3.77	2.86	3.16	3.45	2.47	2.34	2.71	2.34
Down	ENSMUSG00000103060	-3.85	1.12E-03	Gm36969	TEC	2.85	2.86	3.01	3.21	2.00	2.00	2.00	2.34
Down	ENSMUSG00000104100	-2.13	1.13E-03	Gm37860	TEC	4.11	3.88	3.80	4.12	2.00	3.28	2.00	3.17
Down	ENSMUSG00000103360	-3.22	1.14E-03	Gm38156	TEC	2.86	2.86	2.64	3.78	2.00	2.37	2.00	2.24
Down	ENSMUSG00000108169	-3.24	1.15E-03	Gm43958	TEC	2.85	3.03	3.30	3.50	2.00	2.44	2.00	2.24
Down	ENSMUSG00000107947	-1.84	1.15E-03	Gm44438	TEC	3.31	3.19	3.70	3.78	2.47	3.28	2.00	2.34
Down	ENSMUSG00000115264	-4.63	1.17E-03	Gm49260	TEC	2.30	2.55	2.74	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000103132	-1.85	1.17E-03	Gm37978	TEC	3.50	2.76	3.16	3.33	2.90	2.53	2.00	2.24
Down	ENSMUSG00000104662	-2.73	1.20E-03	Gm43267	TEC	3.67	3.46	3.43	3.82	3.17	2.00	2.00	2.00
Down	ENSMUSG00000106536	-1.58	1.21E-03	Gm42508	TEC	3.56	3.57	3.89	3.08	2.90	2.12	2.93	2.78
Down	ENSMUSG00000109452	-2.14	1.22E-03	Gm44530	TEC	3.31	2.95	4.24	3.90	2.90	2.44	2.00	2.85
Down	ENSMUSG00000114896	-1.97	1.23E-03	Gm34245	TEC	3.10	3.39	3.30	3.50	2.00	2.71	2.00	2.92
Down	ENSMUSG00000106290	-4.98	1.24E-03	Gm43429	TEC	2.94	2.76	2.64	3.21	2.00	2.12	2.00	2.00
Down	ENSMUSG00000107676	-4.90	1.24E-03	Gm44178	TEC	2.54	2.86	3.09	2.94	2.00	2.12	2.00	2.00
Down	ENSMUSG00000105454	-4.43	1.25E-03	Gm43930	TEC	2.54	2.55	2.42	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000112075	-4.09	1.25E-03	Gm47700	TEC	2.94	2.94	3.43	3.09	2.00	2.00	2.13	2.24
Down	ENSMUSG00000102750	-3.03	1.25E-03	Gm37058	TEC	2.43	2.43	3.36	2.77	2.00	2.12	2.00	2.12
Down	ENSMUSG00000106579	-2.13	1.25E-03	Gm42771	TEC	3.18	3.11	3.65	3.27	2.00	2.00	3.00	2.44
Down	ENSMUSG00000105742	-1.93	1.26E-03	Gm42748	TEC	3.10	3.52	3.70	3.60	2.00	3.07	2.00	2.70
Down	ENSMUSG00000107200	-1.82	1.26E-03	Gm43039	TEC	4.32	3.46	4.13	3.60	3.35	2.00	3.24	2.34
Down	ENSMUSG00000103307	-5.78	1.27E-03	Gm19335	TEC	2.85	3.11	3.09	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000112759	-4.40	1.27E-03	Gm47615	TEC	2.65	2.00	2.29	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109648	-1.42	1.27E-03	Svet1	TEC	3.61	3.57	3.75	3.94	2.66	2.78	2.63	3.39
Down	ENSMUSG00000105762	-2.33	1.28E-03	Gm43605	TEC	3.38	3.57	3.49	3.94	2.00	2.00	2.54	3.12
Down	ENSMUSG00000105586	-2.15	1.29E-03	Gm43009	TEC	2.54	3.11	3.30	3.45	2.00	2.62	2.00	2.54
Down	ENSMUSG00000104018	-1.83	1.31E-03	4833412K13Rik	TEC	3.50	3.57	3.43	3.86	2.74	2.34	2.00	3.23
Down	ENSMUSG00000102542	-5.34	1.34E-03	Gm38133	TEC	3.25	3.39	2.93	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102618	-1.40	1.36E-03	Gm37848	TEC	3.96	3.97	3.54	3.65	2.00	3.38	3.07	2.70
Down	ENSMUSG00000104342	-3.04	1.38E-03	Gm36401	TEC	2.43	2.95	3.23	3.08	2.00	2.00	2.35	2.24
Down	ENSMUSG00000103199	-2.90	1.39E-03	Gm37648	TEC	2.43	2.43	3.09	2.12	2.00	2.12	2.00	2.34
Down	ENSMUSG00000103482	-1.73	1.39E-03	Gm37999	TEC	2.94	2.95	3.36	3.45	2.57	2.00	2.00	3.06
Down	ENSMUSG00000108953	-1.72	1.39E-03	Gm45129	TEC	3.50	3.73	3.93	3.15	3.17	3.11	2.00	2.12
Down	ENSMUSG00000102344	-1.31	1.39E-03	9430053O09Rik	TEC	4.72	5.15	5.22	4.96	3.96	4.30	4.22	3.06
Down	ENSMUSG00000102325	-3.74	1.42E-03	Gm37789	TEC	3.18	3.52	3.09	4.02	2.00	2.00	2.35	2.34
Down	ENSMUSG00000105517	-1.92	1.42E-03	Gm42436	TEC	3.61	3.19	4.01	4.12	3.11	2.98	2.00	2.54
Down	ENSMUSG00000103591	-1.91	1.44E-03	Gm38365	TEC	3.25	3.03	2.93	2.86	2.00	2.78	2.00	2.44
Down	ENSMUSG00000102236	-5.63	1.45E-03	Gm37887	TEC	2.75	2.66	3.30	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108474	-4.47	1.45E-03	Gm44895	TEC	3.56	3.19	2.42	2.59	2.00	2.00	2.00	2.24
Down	ENSMUSG00000108633	-4.28	1.45E-03	Gm44694	TEC	2.54	2.95	3.36	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108053	-2.43	1.47E-03	Gm43890	TEC	3.50	3.57	2.93	3.39	2.00	2.70	2.00	2.24
Down	ENSMUSG00000111424	-2.50	1.50E-03	Gm48478	TEC	3.18	3.39	2.42	3.27	2.37	2.44	2.13	2.12
Down	ENSMUSG00000107199	-4.24	1.53E-03	Gm42550	TEC	2.00	2.55	3.09	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG00000109079	-3.62	1.55E-03	Gm44755	TEC	2.75	3.52	2.64	3.08	2.00	2.44	2.00	2.00
Down	ENSMUSG00000102856	-2.75	1.56E-03	Gm37084	TEC	3.31	4.50	4.24	3.98	2.00	2.00	2.24	3.44
Down	ENSMUSG00000109874	-3.98	1.58E-03	Gm9911	TEC	3.44	2.95	3.01	2.69	2.00	2.00	2.00	2.34
Down	ENSMUSG00000104174	-5.21	1.60E-03	Gm37701	TEC	2.85	2.95	2.64	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108640	-2.99	1.60E-03	Gm44508	TEC	2.85	3.03	2.42	3.27	2.00	2.00	2.00	2.54
Down	ENSMUSG00000110504	-2.14	1.60E-03	Gm45797	TEC	3.18	3.57	2.74	3.27	3.04	2.00	2.00	2.24
Down	ENSMUSG00000115674	-1.79	1.63E-03	Gm49297	TEC	3.02	3.11	3.36	3.39	2.90	2.12	2.13	2.62
Down	ENSMUSG00000113432	-1.94	1.64E-03	8430406P12Rik	TEC	2.65	3.52	2.74	3.08	2.25	2.34	2.00	2.70
Down	ENSMUSG00000106673	-4.90	1.65E-03	Gm43374	TEC	2.43	2.55	3.01	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108897	-2.14	1.66E-03	Gm44861	TEC	3.31	4.20	3.54	3.82	2.00	2.62	2.00	3.39
Down	ENSMUSG00000108376	-3.23	1.68E-03	Gm44874	TEC	2.94	2.76	2.93	2.14	2.00	2.00	2.00	2.24
Down	ENSMUSG00000103834	-2.93	1.68E-03	Gm37613	TEC	2.30	3.46	3.09	3.45	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102449	-4.52	1.70E-03	Gm37100	TEC	2.00	2.43	2.84	2.49	2.00	2.00	2.00	2.70
Down	ENSMUSG00000105903	-1.60	1.72E-03	Gm45236	TEC	2.43	3.57	3.75	3.23	2.44	2.12	2.45	2.44
Down	ENSMUSG00000110405	2.80	1.74E-03	Gm45534	TEC	2.43	2.86	2.64	3.27	2.00	2.54	2.00	2.00
Down	ENSMUSG00000103404	-3.20	1.75E-03	Gm37932	TEC	3.02	3.33	3.23	3.08	2.00	2.00	2.00	2.62
Down	ENSMUSG00000107128	-3.90	1.77E-03	Gm42867	TEC	2.16	2.55	2.84	3.21	2.00	2.00	2.00	2.24
Down	ENSMUSG00000106855	-4.13	1.80E-03	5330437M03Rik	TEC	2.65	2.30	3.54	3.60	2.00	2.00	2.00	2.34
Down	ENSMUSG00000106158	-1.85	1.80E-03	Gm43216	TEC	3.31	3.52	3.01	2.94	2.25	3.11	2.00	2.12
Down	ENSMUSG00000108943	-1.80	1.80E-03	Gm44559	TEC	3.44	2.86	3.65	4.15	2.13	3.38	2.00	2.70
Down	ENSMUSG00000106450	-3.34	1.81E-03	Gm43018	TEC	2.75	3.03	2.64	2.59	2.37	2.00	2.00	2.00
Down	ENSMUSG00000102815	-5.71	1.83E-03	Gm37813	TEC	2.16	2.76	3.43	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106404	-2.92	1.83E-03	Gm42919	TEC	3.38	2.43	3.01	2.59	2.25	2.00	2.00	2.34
Down	ENSMUSG00000103539	-2.05	1.83E-03	Gm37834	TEC	2.75	4.13	4.09	4.09	2.78	3.07	2.00	2.54
Down	ENSMUSG00000106993	-1.90	1.83E-03	Gm43417	TEC	4.07	3.63	4.43	3.69	2.47	4.12	2.63	3.66
Down	ENSMUSG00000103885	-1.76	1.83E-03	Gm37006	TEC	3.31	3.11	3.43	3.33	2.37	2.78	2.00	2.00
Down	ENSMUSG00000110895	-1.36	1.83E-03	Gm48922	TEC	3.50	3.68	3.80	3.55	2.57	2.12	2.54	3.70
Down	ENSMUSG00000												

Down	ENSMUSG00000102403	-2.27	1.93E-03	Gm38187	TEC	3.50	3.39	4.20	3.98	2.00	2.44	2.00	3.44
Down	ENSMUSG00000104917	-4.32	1.94E-03	Gm43289	TEC	2.75	2.30	2.84	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG00000104516	-1.87	1.94E-03	Gm9884	TEC	3.18	3.19	3.01	4.02	2.00	2.53	2.63	2.85
Down	ENSMUSG00000115568	-1.40	1.95E-03	TiaI2	TEC	3.77	3.46	4.37	3.50	3.17	3.65	2.00	2.54
Down	ENSMUSG00000104625	-2.59	1.96E-03	Gm42448	TEC	2.75	2.30	3.23	3.01	2.25	2.00	2.00	2.44
Down	ENSMUSG00000106537	-2.36	1.97E-03	Gm43502	TEC	2.65	3.11	3.36	3.50	2.37	2.70	2.00	2.12
Down	ENSMUSG00000102693	-2.87	1.98E-03	2903732Rik	TEC	3.54	3.03	3.26	2.54	2.38	2.00	2.00	2.00
Down	ENSMUSG00000107971	-2.35	1.98E-03	Gm44260	TEC	3.02	3.39	3.01	3.01	2.37	2.00	2.63	2.12
Down	ENSMUSG00000105958	-2.33	1.99E-03	Gm43319	TEC	3.31	2.86	3.16	3.33	2.25	2.00	2.54	2.44
Down	ENSMUSG00000102581	-2.48	2.00E-03	Gm37443	TEC	2.94	3.83	3.89	4.12	2.00	3.22	2.00	2.44
Down	ENSMUSG00000105347	-2.54	2.01E-03	Gm43503	TEC	2.75	3.11	2.84	3.65	2.25	2.12	2.00	2.62
Down	ENSMUSG00000107690	-3.33	2.02E-03	Gm44044	TEC	2.75	2.66	2.54	3.01	2.00	2.00	2.35	2.00
Down	ENSMUSG00000110245	-4.90	2.03E-03	Gm20100	TEC	2.65	2.95	3.01	2.86	2.00	2.00	2.00	2.12
Down	ENSMUSG00000102523	-1.95	2.06E-03	Gm37783	TEC	2.85	3.39	4.43	3.15	2.00	2.92	2.54	2.78
Down	ENSMUSG00000110068	-1.55	2.06E-03	Gm45294	TEC	3.67	3.19	2.93	3.01	2.00	2.85	2.00	2.99
Down	ENSMUSG00000104388	-1.48	2.07E-03	Gm37033	TEC	2.85	4.31	3.43	2.25	2.70	2.79	3.39	2.99
Down	ENSMUSG00000112056	-3.85	2.11E-03	Gm48181	TEC	2.43	2.55	2.84	3.01	2.00	2.00	2.00	2.24
Down	ENSMUSG00000113557	-2.05	2.11E-03	Gm47657	TEC	3.02	3.57	3.75	3.45	2.00	3.33	2.00	2.24
Down	ENSMUSG00000111107	-1.73	2.13E-03	Gm48737	TEC	2.94	3.63	3.80	2.94	2.25	2.34	2.79	2.78
Down	ENSMUSG00000102280	-1.51	2.13E-03	D330025C2Rik	TEC	3.67	4.50	4.49	3.55	3.17	3.40	3.40	3.06
Down	ENSMUSG00000106802	-2.27	2.14E-03	Gm42865	TEC	3.25	3.11	3.01	3.82	2.00	2.62	2.35	2.54
Down	ENSMUSG00000106047	-3.90	2.16E-03	Gm42942	TEC	2.16	2.55	2.84	3.21	2.00	2.00	2.00	2.24
Down	ENSMUSG00000106800	-5.42	2.17E-03	1700030N18Rik	TEC	2.54	2.55	3.30	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000103143	-4.23	2.17E-03	Gm37742	TEC	3.38	2.95	3.30	3.08	2.00	2.12	2.00	2.24
Down	ENSMUSG00000105691	-1.87	2.17E-03	Gm42876	TEC	3.50	3.33	3.49	3.33	2.00	2.00	3.13	2.70
Down	ENSMUSG00000102139	-3.08	2.18E-03	Gm37109	TEC	3.77	4.09	4.09	3.01	2.00	2.00	2.00	3.12
Down	ENSMUSG00000109385	-2.05	2.18E-03	Gm44518	TEC	3.95	3.26	3.60	3.74	2.00	2.70	2.00	3.29
Down	ENSMUSG00000103313	-1.19	2.20E-03	Gm38357	TEC	3.38	4.24	4.37	4.19	3.77	2.92	3.24	3.06
Down	ENSMUSG00000107780	-4.67	2.24E-03	9530013L04Rik	TEC	3.44	2.43	3.44	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG00000113656	-1.70	2.26E-03	Gm47370	TEC	3.18	3.26	3.65	3.45	2.00	2.00	2.45	3.39
Down	ENSMUSG00000102275	-4.30	2.28E-03	Gm37144	TEC	2.16	2.86	2.42	2.84	2.00	2.12	2.00	2.00
Down	ENSMUSG00000109109	-2.46	2.28E-03	Gm44953	TEC	3.18	2.95	2.93	3.01	2.82	2.00	2.00	2.00
Down	ENSMUSG00000103227	-1.90	2.31E-03	Gm37203	TEC	2.54	3.03	2.93	3.00	2.33	2.53	2.00	2.92
Down	ENSMUSG00000110959	-3.39	2.40E-03	Gm47198	TEC	2.00	2.86	3.30	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG00000103599	-4.33	2.41E-03	Gm37356	TEC	2.94	3.19	2.74	2.86	2.00	2.00	2.00	2.24
Down	ENSMUSG00000112660	-4.22	2.42E-03	Gm48761	TEC	2.94	3.19	3.23	3.33	2.00	2.00	2.00	2.34
Down	ENSMUSG00000108959	-5.16	2.43E-03	Gm44697	TEC	3.38	2.55	2.74	3.15	2.00	2.00	2.00	2.12
Down	ENSMUSG00000104466	-2.61	2.44E-03	Gm10513	TEC	3.38	3.11	3.93	3.39	2.00	2.00	2.00	3.12
Down	ENSMUSG00000103996	-4.39	2.48E-03	4833421G17Rik	TEC	2.00	2.30	2.54	2.77	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104877	-2.32	2.52E-03	Gm42651	TEC	3.18	2.76	3.09	3.01	2.00	2.00	2.00	2.85
Down	ENSMUSG00000107865	-3.27	2.54E-03	Gm44417	TEC	2.85	2.43	2.84	2.77	2.13	2.24	2.00	2.00
Down	ENSMUSG00000107698	-3.06	2.54E-03	Gm44430	TEC	3.38	3.63	3.23	3.01	2.00	2.00	2.00	2.78
Down	ENSMUSG00000105431	-2.94	2.57E-03	Gm42640	TEC	2.75	2.55	3.30	2.27	2.00	2.00	2.00	2.44
Down	ENSMUSG00000105761	-2.43	2.57E-03	Gm43787	TEC	2.75	2.66	3.23	2.86	2.00	2.12	2.35	2.34
Down	ENSMUSG00000103209	-1.91	2.59E-03	Gm37331	TEC	3.02	3.52	3.23	2.94	2.00	2.70	2.00	2.78
Down	ENSMUSG00000105620	-2.11	2.60E-03	Gm43047	TEC	3.44	3.97	4.65	4.74	2.00	2.53	3.50	3.23
Down	ENSMUSG00000106024	-1.75	2.60E-03	A530083M17Rik	TEC	3.51	2.86	4.05	2.97	2.12	2.98	2.00	2.12
Down	ENSMUSG00000108955	-1.83	2.63E-03	Gm44775	TEC	2.85	2.86	4.20	3.89	2.47	2.08	2.45	3.17
Down	ENSMUSG00000103186	-3.45	2.65E-03	Gm37088	TEC	2.75	2.43	3.23	2.69	2.00	2.00	2.00	2.34
Down	ENSMUSG00000112193	-4.09	2.66E-03	Gm48206	TEC	2.30	3.11	2.00	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG00000020887	-3.15	2.68E-03	A230052G05Rik	TEC	3.61	3.19	3.49	2.59	2.00	2.00	2.00	2.70
Down	ENSMUSG00000107719	-1.40	2.68E-03	Gm43937	TEC	3.25	3.68	3.65	3.30	3.23	2.24	3.24	2.00
Down	ENSMUSG00000104339	-1.15	2.75E-03	C130089K02Rik	TEC	3.61	4.27	4.40	3.90	3.40	3.91	2.35	2.99
Down	ENSMUSG00000102723	-3.90	2.77E-03	Gm37936	TEC	2.54	2.43	2.42	2.59	2.00	2.00	2.00	2.12
Down	ENSMUSG00000109257	-2.46	2.78E-03	Gm45200	TEC	2.75	2.76	2.74	3.27	2.00	2.24	2.00	2.54
Down	ENSMUSG00000106062	-2.20	2.80E-03	Gm43820	TEC	3.02	3.19	3.43	3.08	2.74	2.00	2.24	2.34
Down	ENSMUSG00000109863	-3.11	2.81E-03	Gm45643	TEC	2.75	3.11	3.01	2.38	2.00	2.00	2.00	2.44
Down	ENSMUSG00000115898	-2.60	2.81E-03	Gm49524	TEC	3.25	3.03	3.30	3.08	2.00	2.00	2.00	2.00
Down	ENSMUSG00000106717	-2.01	2.83E-03	Gm42798	TEC	3.10	4.47	3.60	3.98	2.00	2.12	3.13	3.23
Down	ENSMUSG00000111490	-4.17	2.86E-03	Gm47159	TEC	2.16	2.43	2.42	2.49	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102630	-4.06	2.91E-03	Gm37289	TEC	3.30	2.00	2.93	2.77	2.00	2.00	2.00	2.12
Down	ENSMUSG00000103774	-3.22	2.92E-03	Gm36932	TEC	3.10	3.11	3.16	4.09	2.00	2.00	2.63	2.24
Down	ENSMUSG00000109461	-2.25	2.92E-03	Gm44848	TEC	2.30	3.57	2.93	3.39	2.00	2.70	2.00	2.44
Down	ENSMUSG00000107595	-1.64	2.92E-03	Gm44441	TEC	3.10	3.83	2.93	3.08	2.74	2.85	2.00	2.44
Down	ENSMUSG00000106648	-1.75	3.03E-03	Gm43176	TEC	2.75	2.95	3.09	3.33	2.00	2.62	2.00	2.78
Down	ENSMUSG00000107524	-2.98	3.05E-03	Gm44136	TEC	2.16	3.19	2.74	2.86	2.00	2.00	2.00	2.44
Down	ENSMUSG00000102973	-1.54	3.06E-03	E430014B02Rik	TEC	3.61	2.95	3.97	3.74	2.82	2.00	3.30	2.70
Down	ENSMUSG00000107148	-3.12	3.07E-03	Gm42888	TEC	2.43	3.11	2.15	3.33	2.00	2.34	2.00	2.12
Down	ENSMUSG00000105179	-1.38	3.09E-03	Gm42866	TEC	3.77	3.26	3.70	3.33	2.13	3.28	2.00	3.23
Down	ENSMUSG00000105453	-2.27	3.13E-03	Gm43702	TEC	3.02	2.76	2.64	2.86	2.00	2.00	2.00	2.44
Down	ENSMUSG00000102460	-3.53	3.18E-03	Gm38197	TEC	3.10	3.11	2.64	3.00	2.47	2.00	2.00	2.12
Down	ENSMUSG00000114996	-1.39	3.20E-03	Gm48958	TEC	3.38	3.73	4.82	3.33	2.82	2.62	3.63	2.99
Down	ENSMUSG00000103506	-3.74	3.23E-03	Gm38376	TEC	2.65	3.03	2.42	2.00	2.42	2.00	2.00	2.24
Down	ENSMUSG00000107436	-2.32	3.23E-03	Gm44416	TEC	3.01	3.98	3.23	3.20	3.21	2.00	2.00	2.24
Down	ENSMUSG00000108211	-1.72	3.24E-03	Gm44130	TEC	3.50	3.63	4.01	3.45	2.13	3.28	2.63	2.62
Down	ENSMUSG00000105519	-1.38	3.26E-03	E430021H15Rik	TEC	3.91	3.33	3.49	3.50	3.35	2.78	2.00	2.85
Down	ENSMUSG00000106541	-4.04	3.34E-03	Gm43246	TEC	2.16	2.00	2.84	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000109456	-2.21	3.34E-03	Gm44584	TEC	3.10	2.95	3.49	2.49	2.47	2.34	2.00	2.34
Down	ENSMUSG00000104951	-1.87	3.37E-03	Gm43413	TEC	2.43	3.33	3.89	3.45	2.00	2.98	2.13	2.70
Down	ENSMUSG00000110127	-2.36	3.38E-03	6430710M23Rik	TEC	3.38	2.66	3.36	2.59	2.37	2.00	2.63	2.00
Down	ENSMUSG00000102160	-1.67	3.40E-03	Gm36944	TEC	3.61	3.33	3.16	3.01	2.13	2.62	2.63	2.70
Down	ENSMUSG00000105272	-1.70	3.41E-03	Gm43071	TEC	3.38	3.57	3.75	3.86	2.47	2.98	2.00	3.17
Down	ENSMUSG00000103857	-1.38	3.41E-03	Gm37249	TEC	3.56	4.01	3.54	4.05	3.17	2.24	2.45	3.62
Down	ENSMUSG00000118909	-5.93	3.50E-03	Gm49559	TEC	2.16	3.33	3.30	3.01	2.00	2.00	2.00	2.00
Down	ENSMUSG00000108365	-1.80	3.50E-03	Gm44951	TEC	2.75	3.46	3.16	3.27	2.47	2.85	2.13	2.24
Down	ENSMUSG00000104704	-2.39	3.52E-03	Gm43133	TEC	2.43	2.95	2.84	2.86	2.25	2.44	2.00	2.00

Down	ENSMUSG00000106772	-3.17	3.62E-03	Gm43794	TEC	3.25	2.55	2.64	2.14	2.00	2.00	2.00	2.34
Down	ENSMUSG00000103778	-2.84	3.62E-03	Gm36930	TEC	3.38	3.97	3.49	3.33	2.00	2.00	2.45	2.78
Down	ENSMUSG00000106671	-2.24	3.62E-03	Gm42900	TEC	3.67	3.03	3.36	3.15	2.00	2.00	2.45	2.92
Down	ENSMUSG00000111340	-1.78	3.66E-03	Gm47171	TEC	3.38	4.37	4.34	4.12	3.81	2.12	2.54	2.85
Down	ENSMUSG00000104313	-3.81	3.68E-03	Gm37911	TEC	2.16	2.16	3.09	2.27	2.00	2.00	2.27	2.00
Down	ENSMUSG00000102326	-2.25	3.68E-03	Gm37788	TEC	3.38	3.39	3.16	3.21	3.04	2.00	2.00	2.24
Down	ENSMUSG00000110400	-1.86	3.69E-03	Gm45416	TEC	3.10	2.85	2.80	2.00	2.00	2.00	2.70	2.54
Down	ENSMUSG00000103562	-4.28	3.72E-03	2810405F15Rik	TEC	2.00	2.55	2.29	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000103101	-1.66	3.76E-03	Gm37048	TEC	2.94	4.01	3.23	3.39	2.00	2.12	3.30	2.70
Down	ENSMUSG00000102863	-1.45	3.79E-03	Gm37639	TEC	3.02	3.57	3.69	3.57	2.57	2.98	3.00	2.34
Down	ENSMUSG00000112990	-1.25	3.79E-03	Gm47372	TEC	4.15	3.33	3.60	4.22	2.90	3.33	3.30	2.70
Down	ENSMUSG00000107375	-3.79	3.85E-03	Gm43084	TEC	2.00	2.30	2.64	2.77	2.00	2.00	2.12	2.70
Down	ENSMUSG00000106071	-2.25	3.85E-03	Gm43826	TEC	2.75	4.09	3.16	3.21	2.25	2.00	2.00	3.12
Down	ENSMUSG00000107171	-1.91	3.85E-03	Gm42572	TEC	3.38	3.19	2.74	2.69	2.37	2.00	2.71	2.24
Down	ENSMUSG00000103593	-1.65	3.85E-03	Gm37352	TEC	3.56	2.66	3.60	3.15	2.90	2.00	2.00	2.99
Down	ENSMUSG00000103722	-2.72	3.86E-03	2700078F05Rik	TEC	3.18	3.52	3.40	4.53	2.00	2.00	2.24	3.39
Down	ENSMUSG00000102235	-4.41	3.97E-03	Gm37886	TEC	3.10	2.55	2.54	2.38	2.00	2.00	2.00	2.12
Down	ENSMUSG00000107610	-2.74	4.00E-03	D530018E20Rik	TEC	2.85	2.43	2.93	2.49	2.00	2.00	2.00	2.44
Down	ENSMUSG00000109317	-2.48	4.00E-03	Gm45041	TEC	2.43	2.95	2.54	2.86	2.00	2.00	2.13	2.44
Down	ENSMUSG00000103574	-4.25	4.02E-03	Gm43648	TEC	2.85	2.76	3.16	2.59	2.00	2.24	2.00	2.00
Down	ENSMUSG00000105526	-1.66	4.02E-03	Gm43490	TEC	2.64	3.63	3.16	3.82	2.82	2.94	2.13	2.24
Down	ENSMUSG00000104454	-2.15	4.03E-03	Gm37827	TEC	3.56	3.03	2.93	3.21	2.00	2.92	2.00	2.34
Down	ENSMUSG00000103006	-2.20	4.09E-03	4933417C20Rik	TEC	2.75	4.17	3.93	3.90	2.00	2.66	2.93	2.70
Down	ENSMUSG00000107749	-1.77	4.10E-03	Gm44321	TEC	3.50	3.26	4.01	3.50	2.57	2.24	2.71	3.06
Down	ENSMUSG00000111264	-1.65	4.11E-03	E030022116Rik	TEC	4.65	4.77	3.89	4.50	2.00	3.89	3.79	2.92
Down	ENSMUSG00000103039	-1.79	4.12E-03	Gm37123	TEC	2.85	3.78	3.49	3.55	2.47	2.00	2.93	2.78
Down	ENSMUSG00000105011	-1.81	4.14E-03	Gm43210	TEC	3.18	3.68	4.13	4.48	2.00	3.11	3.35	2.62
Down	ENSMUSG00000106288	-1.23	4.15E-03	Gm43593	TEC	3.44	3.63	3.23	3.90	2.57	3.28	2.79	2.78
Down	ENSMUSG00000105935	-2.70	4.17E-03	Gm43628	TEC	2.65	2.30	3.30	2.77	2.00	2.25	2.35	2.00
Down	ENSMUSG00000104190	-4.14	4.18E-03	Gm10472	TEC	3.10	2.43	3.09	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG00000113379	-3.50	4.24E-03	Gm46436	TEC	2.16	3.46	2.15	3.08	2.00	2.24	2.00	2.00
Down	ENSMUSG00000107198	-2.38	4.34E-03	Gm42728	TEC	2.85	3.63	2.84	2.69	2.00	2.00	2.63	2.34
Down	ENSMUSG00000108173	-2.80	4.35E-03	Gm45031	TEC	3.95	3.03	2.54	3.21	2.53	2.00	2.24	2.24
Down	ENSMUSG00000104394	-1.11	4.37E-03	Gm37254	TEC	4.87	4.79	6.07	4.13	4.78	4.18	4.54	4.43
Down	ENSMUSG00000112442	-2.06	4.41E-03	Gm47992	TEC	2.16	3.33	2.84	3.01	2.00	2.53	2.24	2.24
Down	ENSMUSG00000105290	-2.60	4.44E-03	Gm43528	TEC	2.43	2.55	2.64	3.55	2.25	2.00	2.13	2.00
Down	ENSMUSG00000116298	-1.71	4.46E-03	4833412C15Rik	TEC	2.85	3.57	4.13	3.50	2.00	2.98	2.24	3.17
Down	ENSMUSG00000106682	-2.75	4.52E-03	Gm42648	TEC	3.31	2.66	3.16	3.74	2.00	2.00	2.12	2.00
Down	ENSMUSG00000103846	-3.03	4.60E-03	Gm37809	TEC	2.94	2.43	3.09	2.69	2.00	2.00	2.45	2.00
Down	ENSMUSG00000102653	-2.56	4.60E-03	Gm37079	TEC	3.10	3.46	3.01	3.39	2.97	2.00	2.00	2.00
Down	ENSMUSG00000103281	-4.31	4.64E-03	Gm37278	TEC	2.85	2.43	2.54	2.69	2.00	2.00	2.12	2.12
Down	ENSMUSG00000102879	-4.01	4.68E-03	Gm37135	TEC	2.16	3.19	2.00	2.49	2.00	2.00	2.12	2.00
Down	ENSMUSG00000106891	-1.50	4.69E-03	Gm43460	TEC	3.91	4.31	4.34	4.37	2.66	3.56	3.35	3.12
Down	ENSMUSG00000105592	-1.90	4.70E-03	Gm42527	TEC	3.56	3.33	2.93	3.27	2.25	2.44	2.00	2.99
Down	ENSMUSG00000102316	-4.52	4.71E-03	Gm37629	TEC	2.00	2.86	2.29	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000105392	-1.26	4.73E-03	Gm43339	TEC	4.05	3.54	3.54	3.98	2.37	3.00	3.24	3.44
Down	ENSMUSG00000109150	-1.36	4.75E-03	Gm45793	TEC	3.46	3.46	3.36	3.28	2.12	2.63	3.29	2.63
Down	ENSMUSG00000107826	-1.74	4.78E-03	Gm44242	TEC	3.95	3.83	4.09	3.55	4.57	3.61	2.00	2.00
Down	ENSMUSG00000105804	-1.11	4.86E-03	Gm43654	TEC	3.86	4.05	4.07	4.09	2.90	3.61	3.75	2.85
Down	ENSMUSG00000104524	-2.64	4.90E-03	Gm37333	TEC	3.10	2.95	3.93	3.78	2.00	2.00	2.00	3.12
Down	ENSMUSG00000102698	-1.56	5.02E-03	Gm37777	TEC	2.94	4.44	3.60	3.82	3.22	3.07	2.92	2.00
Down	ENSMUSG00000116494	-2.44	5.05E-03	Gm49449	TEC	2.85	3.33	3.23	2.86	2.37	2.34	2.00	2.34
Down	ENSMUSG00000108057	-4.36	5.13E-03	Gm44234	TEC	2.30	2.86	2.15	3.08	2.00	2.00	2.12	2.00
Down	ENSMUSG00000105469	-1.09	5.13E-03	A930036I15Rik	TEC	3.61	3.83	3.89	3.98	2.47	3.33	2.54	3.78
Down	ENSMUSG00000105632	-1.52	5.15E-03	Gm43272	TEC	3.02	3.52	2.84	3.21	2.82	2.00	2.00	2.99
Down	ENSMUSG00000107226	-2.38	5.17E-03	Gm43594	TEC	3.02	2.86	3.16	2.77	2.00	2.00	2.00	2.78
Down	ENSMUSG00000102436	-4.62	5.19E-03	Gm38047	TEC	2.16	2.86	2.15	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104626	-2.02	5.20E-03	Gm42675	TEC	3.31	3.63	3.89	3.60	2.62	2.00	2.24	2.00
Down	ENSMUSG00000106220	-2.50	5.21E-03	Gm43288	TEC	3.25	2.76	3.01	3.33	2.00	3.33	2.85	2.00
Down	ENSMUSG00000102240	-1.67	5.22E-03	Gm37717	TEC	3.38	3.86	3.09	3.27	2.74	2.00	2.00	2.92
Down	ENSMUSG00000111505	-1.15	5.24E-03	Gm48673	TEC	3.91	3.11	4.09	4.19	3.04	2.98	2.63	3.70
Down	ENSMUSG00000103742	-3.08	5.27E-03	Gm38240	TEC	2.54	2.86	2.54	2.86	2.00	2.00	2.00	2.34
Down	ENSMUSG00000106934	-2.22	5.30E-03	Gm42506	TEC	3.02	2.86	2.54	2.94	2.00	2.00	2.00	2.70
Down	ENSMUSG00000107745	-1.27	5.38E-03	Gm43917	TEC	3.99	4.74	4.13	3.90	2.97	3.79	3.62	3.00
Down	ENSMUSG00000104121	-2.21	5.41E-03	Gm37485	TEC	3.25	4.20	3.16	3.21	2.00	2.98	2.63	2.12
Down	ENSMUSG00000103560	-2.52	5.50E-03	Gm38070	TEC	3.44	4.09	3.09	4.39	2.00	2.34	2.13	3.29
Down	ENSMUSG00000104687	-3.52	5.52E-03	Gm42899	TEC	2.75	2.43	2.42	2.77	2.00	2.12	2.00	2.12
Down	ENSMUSG00000105598	-2.83	5.58E-03	Gm43186	TEC	2.43	4.01	3.16	3.27	2.90	2.00	2.00	2.00
Down	ENSMUSG00000112300	-2.55	5.60E-03	Gm47976	TEC	3.25	3.26	2.84	3.15	2.00	2.00	2.00	2.85
Down	ENSMUSG00000113126	-1.77	5.62E-03	Gm47588	TEC	3.18	3.52	3.16	3.33	2.37	3.11	2.00	2.34
Down	ENSMUSG00000103364	-1.48	5.66E-03	Gm38157	TEC	2.75	3.73	3.23	3.35	2.53	2.13	2.00	2.12
Down	ENSMUSG00000103223	-4.83	5.81E-03	Gm37730	TEC	2.30	2.95	2.64	3.27	2.00	2.00	2.00	2.00
Down	ENSMUSG00000103928	-1.50	5.84E-03	Gm37893	TEC	3.31	3.78	4.60	3.84	2.90	3.84	2.99	2.99
Down	ENSMUSG00000103163	3.88	5.87E-03	Gm38146	TEC	2.16	2.16	2.16	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102617	-4.15	5.93E-03	Gm37842	TEC	2.43	2.55	2.93	3.33	2.00	2.00	2.00	2.24
Down	ENSMUSG00000105772	-2.51	5.94E-03	Gm42496	TEC	3.10	2.95	2.54	3.39	2.00	2.00	2.63	2.24
Down	ENSMUSG00000113922	-1.75	5.96E-03	Gm48887	TEC	3.02	3.33	3.23	3.21	2.25	2.00	2.00	2.00
Down	ENSMUSG00000111077	-2.83	6.00E-03	Gm48743	TEC	2.85	2.86	3.49	3.45	2.00	2.62	2.00	2.24
Down	ENSMUSG00000112866	-3.88	6.03E-03	Gm47704	TEC	2.16	3.63	2.84	3.74	2.00	2.00	2.00	2.44
Down	ENSMUSG00000113698	-1.71	6.06E-03	Gm47987	TEC	3.02	3.33	3.16	3.50	2.00	3.22	2.00	2.44
Down	ENSMUSG00000103751	-2.82	6.14E-03	Gm37283	TEC	2.85	3.63	3.16	3.39	2.00	2.00	2.00	2.85
Down	ENSMUSG00000102211	-3.50	6.38E-03	Gm37490	TEC	2.54	2.55	2.00	3.08	2.25	2.00	2.00	2.00
Down	ENSMUSG00000106292	-1.36	6.41E-03	Gm43174	TEC	3.02	2.76	3.75	3.78	2.97	2.70	2.00	2.99
Down	ENSMUSG00000104343	-1.98	6.42E-03	5730408A14Rik	TEC	2.85	3.92	3.01	3.08	2.00	3.17	2.00	2.24
Down	ENSMUSG00000102427	-3.20	6.68E-03	Gm37463	TEC	2.43	2.16	3.01	3.01	2.00	2.00	2.00	2.34
Down	ENSMUSG00000105135	-1.25	6.68E-03	Gm43667	TEC	4.03	4.09	3.93	4.22	2.66	2.62	3.24	3.95

Down	ENSMUSG00000103391	-1.95	6.82E-03	Gm38302	TEC	2.43	3.11	2.84	3.15	2.00	2.00	2.45	2.62
Down	ENSMUSG00000108572	-1.93	6.87E-03	Gm44883	TEC	2.54	2.76	3.49	3.15	2.37	2.24	2.00	2.70
Down	ENSMUSG00000106126	-4.73	6.99E-03	Gm43781	TEC	4.03	3.19	3.01	3.50	2.00	2.00	2.00	2.34
Down	ENSMUSG00000107165	-2.53	7.01E-03	Gm43747	TEC	2.16	2.86	2.84	3.27	2.00	2.00	2.00	2.13
Down	ENSMUSG00000115144	-1.65	7.15E-03	Gm7968	TEC	3.38	3.39	3.16	2.00	2.00	2.00	3.00	2.54
Down	ENSMUSG00000104682	-1.80	7.19E-03	Gm42636	TEC	3.44	3.92	3.43	3.27	2.00	2.12	2.71	3.29
Down	ENSMUSG00000106680	-2.38	7.24E-03	Gm43952	TEC	2.94	3.12	3.84	2.00	2.00	2.00	2.00	2.62
Down	ENSMUSG00000112592	-1.99	7.31E-03	Gm19972	TEC	3.02	2.76	3.75	3.60	2.00	2.00	2.00	3.23
Down	ENSMUSG00000104374	-1.49	7.31E-03	Gm37517	TEC	3.91	3.11	3.65	3.78	2.57	2.00	3.30	3.06
Down	ENSMUSG00000104257	-2.13	7.44E-03	Gm20172	TEC	3.18	2.55	2.54	3.01	2.00	2.00	2.35	2.54
Down	ENSMUSG00000103004	-2.09	7.48E-03	290002M20Rik	TEC	2.43	2.66	3.30	2.77	2.00	2.00	2.00	2.78
Down	ENSMUSG00000105184	-2.81	7.49E-03	Gm42537	TEC	2.65	2.76	2.84	3.08	2.00	2.24	2.00	2.34
Down	ENSMUSG00000108389	-1.73	7.57E-03	Gm45206	TEC	3.31	3.33	3.84	3.39	2.00	2.92	2.00	3.17
Down	ENSMUSG00000105740	-1.82	7.60E-03	Gm42685	TEC	2.94	2.30	3.30	2.94	2.00	2.53	2.00	2.63
Down	ENSMUSG00000104814	-1.03	7.63E-03	Gm42979	TEC	3.50	4.13	4.17	3.90	3.23	3.28	3.71	2.62
Down	ENSMUSG00000104406	-1.77	7.65E-03	Gm38014	TEC	3.18	2.76	3.54	3.27	2.57	2.12	2.00	2.99
Down	ENSMUSG00000103805	-1.35	7.65E-03	Gm37063	TEC	3.10	3.11	4.09	3.01	2.97	2.70	2.54	2.62
Down	ENSMUSG00000104486	-5.18	7.69E-03	Gm38066	TEC	2.43	2.55	3.09	2.59	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104851	-1.98	7.77E-03	E030026E10Rik	TEC	3.18	3.73	3.43	2.59	2.37	2.00	2.13	3.06
Down	ENSMUSG00000107050	-1.69	7.89E-03	C030017S19Rik	TEC	3.61	2.76	2.64	3.39	2.00	2.44	2.24	3.17
Down	ENSMUSG00000104963	-1.64	7.90E-03	Gm42974	TEC	2.54	3.68	3.80	3.69	2.00	2.34	3.45	2.44
Down	ENSMUSG00000105745	-1.11	7.90E-03	Gm42521	TEC	3.56	4.34	3.30	4.12	2.97	3.22	3.30	3.17
Down	ENSMUSG00000105976	-3.61	7.98E-03	Gm42782	TEC	2.43	2.95	2.64	2.49	2.00	2.00	2.24	2.40
Down	ENSMUSG00000103926	-2.09	7.98E-03	Gm37894	TEC	2.94	3.57	3.09	3.01	2.13	2.70	2.00	2.54
Down	ENSMUSG00000108122	-4.05	8.00E-03	Gm44116	TEC	2.00	2.66	2.42	2.00	2.27	2.00	2.00	2.00
Down	ENSMUSG00000109013	-2.09	8.09E-03	Gm44723	TEC	3.02	3.83	4.01	4.53	3.29	2.62	2.00	2.78
Down	ENSMUSG00000104253	-1.30	8.17E-03	Gm37174	TEC	3.86	4.34	4.73	4.12	3.77	2.24	3.50	3.17
Down	ENSMUSG00000109963	-2.53	8.42E-03	Gm45635	TEC	2.65	3.19	2.93	3.27	2.00	2.70	2.00	2.12
Down	ENSMUSG00000112948	-1.96	8.43E-03	Gm48871	TEC	3.56	2.95	3.01	2.77	2.13	2.98	2.00	2.12
Down	ENSMUSG00000104528	-2.67	8.46E-03	Gm43314	TEC	3.38	3.03	3.84	3.45	2.25	2.44	2.63	2.00
Down	ENSMUSG00000114267	-1.83	8.48E-03	Gm48600	TEC	3.18	4.13	3.89	3.74	2.00	2.53	2.71	3.39
Down	ENSMUSG00000103403	-1.63	8.56E-03	Gm37931	TEC	2.75	3.19	3.09	3.27	2.13	2.44	2.63	2.54
Down	ENSMUSG00000110677	-3.23	8.61E-03	Gm49569	TEC	2.76	2.94	2.64	2.59	2.00	2.00	2.24	2.40
Down	ENSMUSG00000108954	-1.67	8.70E-03	Gm44901	TEC	4.22	3.68	3.69	4.45	3.77	3.17	3.17	3.17
Down	ENSMUSG00000108330	-3.01	8.80E-03	Gm44882	TEC	2.30	2.76	2.84	2.59	2.25	2.00	2.00	2.12
Down	ENSMUSG00000102353	-5.25	8.86E-03	Gm38345	TEC	3.18	2.95	3.16	2.00	2.00	2.00	2.12	2.00
Down	ENSMUSG00000113610	-3.53	8.93E-03	Gm47132	TEC	2.16	2.76	2.93	2.49	2.00	2.12	2.00	2.12
Down	ENSMUSG00000108732	-1.82	8.96E-03	2310043P16Rik	TEC	3.61	3.73	3.54	3.74	2.00	2.85	2.71	2.99
Down	ENSMUSG00000112084	-1.33	9.04E-03	Gm10773	TEC	3.44	3.46	3.93	3.27	3.60	2.34	2.24	2.70
Down	ENSMUSG00000107116	-2.09	9.11E-03	Gm43274	TEC	3.10	4.47	3.93	3.69	2.00	2.92	2.00	3.39
Down	ENSMUSG00000104964	-3.86	9.24E-03	4930597L12Rik	TEC	2.30	2.16	2.00	2.69	2.00	2.00	2.00	2.00
Down	ENSMUSG00000104220	-4.26	9.50E-03	4930578I07Rik	TEC	2.75	2.30	2.93	2.00	2.38	2.00	2.13	2.00
Down	ENSMUSG00000107576	-1.66	9.52E-03	Gm44093	TEC	2.54	2.76	3.30	3.08	2.47	2.34	2.00	2.62
Down	ENSMUSG00000107468	-1.55	9.54E-03	5730507A11Rik	TEC	3.10	3.26	3.43	2.89	2.00	2.62	2.13	2.99
Down	ENSMUSG00000103621	-1.75	9.60E-03	Gm38366	TEC	2.75	2.66	3.43	2.77	2.00	2.70	2.13	2.44
Down	ENSMUSG00000110079	-1.90	9.67E-03	Gm45292	TEC	3.44	3.46	4.05	3.40	3.40	2.00	2.00	2.85
Down	ENSMUSG00000104029	-3.23	9.70E-03	Gm37212	TEC	3.92	3.31	3.70	3.60	2.00	3.60	2.78	2.78
Down	ENSMUSG00000102147	-2.33	9.88E-03	Gm38055	TEC	2.43	2.86	2.84	2.86	2.25	2.00	2.00	2.44
Down	ENSMUSG00000104876	-2.98	3.48E-03	TR_c_gene		3.56	3.39	3.16	3.74	2.13	2.24	2.00	2.70
Down	ENSMUSG00000107272	-2.91	2.72E-32	Gm34583	transcribed_processed_pseudogene	7.20	6.90	7.26	6.43	4.59	3.77	4.77	4.02
Down	ENSMUSG00000113701	-2.38	1.55E-18	B230303A05Rik	transcribed_processed_pseudogene	6.32	6.45	6.74	6.63	4.49	4.72	3.63	4.55
Up	ENSMUSG00000063171	1.23	5.86E-13	Rps4l	transcribed_processed_pseudogene	6.49	6.50	5.95	6.22	7.63	7.19	7.48	7.63
Down	ENSMUSG00000109116	-1.72	3.38E-11	4930431P19Rik	transcribed_processed_pseudogene	4.91	4.42	5.53	5.20	3.77	3.94	3.67	3.57
Down	ENSMUSG00000905959	-2.72	3.41E-11	Gm17137	transcribed_processed_pseudogene	3.91	3.88	4.27	3.69	2.74	2.34	2.00	2.85
Down	ENSMUSG00000045327	-1.87	4.11E-11	6330549D23Rik	transcribed_processed_pseudogene	5.28	5.40	5.38	5.44	3.98	3.43	4.00	3.89
Down	ENSMUSG00000886583	-1.44	5.94E-09	Gm15500	transcribed_processed_pseudogene	4.89	4.95	4.78	5.33	3.73	3.56	3.63	4.31
Down	ENSMUSG00000057818	-3.63	7.69E-09	1600029O15Rik	transcribed_processed_pseudogene	4.29	4.09	4.63	4.25	2.54	2.62	2.40	2.50
Down	ENSMUSG00000072892	-1.56	1.04E-08	Rpl37r1	transcribed_processed_pseudogene	4.70	4.47	4.40	5.17	3.50	3.47	3.75	3.39
Down	ENSMUSG00000059775	-2.38	3.80E-08	Rps26-ps1	transcribed_processed_pseudogene	3.77	3.63	3.54	2.13	3.65	2.62	2.35	2.38
Down	ENSMUSG00000055676	-1.80	7.71E-08	Gm5069	transcribed_processed_pseudogene	4.89	4.95	5.50	4.78	3.77	3.47	3.40	3.85
Down	ENSMUSG00000091577	-4.49	2.24E-07	Gm62111	transcribed_processed_pseudogene	3.67	3.73	3.60	3.45	2.00	2.00	2.00	2.34
Down	ENSMUSG00000109695	-1.50	5.49E-07	Gm31166	transcribed_processed_pseudogene	4.62	5.12	5.07	4.10	3.43	3.82	3.35	3.92
Down	ENSMUSG00000112237	-3.65	7.97E-07	D630033A02Rik	transcribed_processed_pseudogene	3.25	3.97	3.36	3.69	2.37	2.00	2.00	2.44
Down	ENSMUSG00000070282	-2.09	9.74E-07	3000002C10Rik	transcribed_processed_pseudogene	5.68	4.77	5.34	4.76	2.66	3.56	3.13	4.28
Up	ENSMUSG00000086414	1.40	1.21E-06	Gm15645	transcribed_processed_pseudogene	4.32	4.53	4.57	4.28	5.69	6.08	5.20	5.48
Down	ENSMUSG00000101462	-3.47	2.72E-06	Gm3052	transcribed_processed_pseudogene	4.42	3.39	3.80	4.22	2.00	2.24	2.35	2.70
Down	ENSMUSG00000092051	-2.97	4.02E-06	Gm17229	transcribed_processed_pseudogene	3.18	3.52	3.30	3.50	2.00	2.34	2.00	2.62
Down	ENSMUSG00000108269	-3.48	7.95E-06	Gm18422	transcribed_processed_pseudogene	2.75	4.17	3.09	3.00	2.00	2.00	2.00	2.70
Down	ENSMUSG00000107310	-2.66	2.52E-05	Gm7452	transcribed_processed_pseudogene	3.38	3.26	3.43	3.08	2.13	2.00	2.00	2.85
Down	ENSMUSG00000101587	-5.04	5.06E-05	Gm29036	transcribed_processed_pseudogene	2.43	2.95	2.54	2.00	2.59	2.00	2.00	2.00
Down	ENSMUSG000001015812	-4.81	5.81E-05	Gm49309	transcribed_processed_pseudogene	3.50	4.57	2.54	2.94	2.00	2.12	2.00	2.12
Down	ENSMUSG00000088472	-1.32	6.70E-05	Gm19501	transcribed_processed_pseudogene	4.18	3.34	4.13	3.74	3.40	2.85	3.54	2.99
Down	ENSMUSG00000059592	-2.28	1.15E-04	Gm18856	transcribed_processed_pseudogene	3.77	3.86	3.93	3.33	2.00	2.44	2.00	2.00
Down	ENSMUSG00000115733	-2.69	1.44E-04	Gm49001	transcribed_processed_pseudogene	3.02	3.03	3.26	3.25	2.00	2.00	2.00	2.62
Down	ENSMUSG00000108724	-1.15	2.00E-04	Gm18194	transcribed_processed_pseudogene	4.65	5.08	4.85	5.02	4.39	3.94	3.19	4.14
Up	ENSMUSG00000080862	3.26	4.00E-04	Gm14523	transcribed_processed_pseudogene	2.30	2.43	2.00	2.59	2.66	4.10	4.16	4.05
Down	ENSMUSG00000095597	-1.55	4.24E-04	Gm6472	transcribed_processed_pseudogene	3.44	3.19	3.43	3.45	2.62	2.62	2.24	2.45
Down	ENSMUSG00000082315	-1.58	6.29E-04	Gm16523	transcribed_processed_pseudogene	3.44	3.97	3.60	3.94	2.00	2.78	2.40	2.85
Down	ENSMUSG00000081974	-1.38	7.90E-04	Gm11960	transcribed_processed_pseudogene	3.86	3.68	4.01	3.27	2.13	3.43	2.86	2.92
Down	ENSMUSG00000080731	-4.18	1.01E-03	Rps2-ps9	transcribed_processed_pseudogene	2.75	2.66	2.64	2.27	2.00	2.00	2.00	2.12
Down	ENSMUSG00000112364	-5.48	1.37E-03	4930503E24Rik	transcribed_processed_pseudogene	2.94	2.76	3.00	3.74	2.00	2.00	2.00	2.12
Down	ENSMUSG00000090300	-4.32	1.42E-03	Gm17119	transcribed_processed_pseudogene	2.43	3.11	2.00	2.77	2.00	2.00	2.00	2.12
Down	ENSMUSG00000081137	-1.28	1.69E-03	BC022960	transcribed_processed_pseudogene	4.11	5.04	5.55	4.17	4.16	5.59	3.90	4.77
Down	ENSMUSG00000083705	-4.73	2.50E-03	Gm8624	transcribed_processed_pseudogene	2.65	2.55	2.54	2.38	2.00	2.00	2.00	2.00
Down	ENSMUSG00000102827	-3.99	3.32E-03	Gm8242	transcribed_processed_pseudogene	2.43	2.55	2.54	2.59	2.13	2.00	2.00</	

Down	ENSMUSG00000071265	-1.33	8.82E-43	1700086L19Rik	transcribed_unitary_pseudogene	8.20	8.48	8.21	8.53	7.14	7.04	6.87	7.19
Down	ENSMUSG00000085028	-2.23	2.92E-04	Sic2a4rg-ps	transcribed_unitary_pseudogene	3.72	4.13	3.93	3.01	2.74	3.11	2.00	2.24
Down	ENSMUSG00000074224	-1.54	5.20E-04	4932431P20Rik	transcribed_unitary_pseudogene	5.28	4.95	4.97	5.58	4.03	4.30	3.13	4.08
Down	ENSMUSG00000046958	-1.29	6.01E-03	4930432E11Rik	transcribed_unitary_pseudogene	5.04	5.00	5.05	5.66	3.73	4.40	3.63	4.70
Down	ENSMUSG00000074981	-1.05	6.48E-03	Dcdc5	transcribed_unitary_pseudogene	5.02	5.40	5.34	5.17	3.89	4.54	3.97	4.59
Down	ENSMUSG00000011837	-4.00	9.45E-17	Gm47135	transcribed_unprocessed_pseudogene	3.99	4.58	4.68	4.39	2.25	2.00	2.54	2.54
Up	ENSMUSG00000077412	-1.00	7.22E-16	18100140R1Rik	transcribed_unprocessed_pseudogene	8.34	9.19	9.00	9.03	10.32	10.19	10.09	10.09
Down	ENSMUSG00000087150	-2.75	5.44E-11	BC064078	transcribed_unprocessed_pseudogene	5.10	5.19	4.57	4.76	2.90	2.92	3.07	3.06
Down	ENSMUSG00000082286	-1.58	5.76E-10	Pisd-ps1	transcribed_unprocessed_pseudogene	5.74	6.01	6.37	6.24	4.86	3.87	4.83	4.97
Down	ENSMUSG00000023795	-1.37	9.23E-07	Pisd-ps2	transcribed_unprocessed_pseudogene	4.87	5.02	5.24	5.66	3.60	4.49	3.87	4.23
Down	ENSMUSG00000071796	-1.10	3.10E-06	6820431F20Rik	transcribed_unprocessed_pseudogene	5.70	6.01	5.72	5.92	5.44	4.89	4.13	4.68
Down	ENSMUSG00000096964	-3.17	6.63E-06	Gm6345	transcribed_unprocessed_pseudogene	3.31	3.57	3.65	4.15	2.47	2.34	2.24	2.24
Down	ENSMUSG00000032443	-1.29	3.58E-05	Zcwpw2	transcribed_unprocessed_pseudogene	4.98	5.08	4.70	5.19	3.35	3.69	4.50	3.99
Down	ENSMUSG00000010397	-2.97	5.58E-05	Mug-ps1	transcribed_unprocessed_pseudogene	4.07	4.27	3.80	4.53	2.25	2.44	2.86	2.54
Down	ENSMUSG00000041596	-2.52	1.85E-04	Nlrp5-ps	transcribed_unprocessed_pseudogene	5.19	5.14	6.20	5.14	2.37	3.05	4.38	3.39
Down	ENSMUSG000000102817	-1.98	2.12E-04	Gm6185	transcribed_unprocessed_pseudogene	3.81	4.37	4.27	4.25	2.37	3.22	3.00	2.99
Down	ENSMUSG000000107718	-2.90	4.68E-04	Vmn2r-ps34	transcribed_unprocessed_pseudogene	3.99	3.97	3.60	3.78	2.66	2.24	2.35	2.44
Down	ENSMUSG000000102059	-2.77	6.47E-04	Gm20257	transcribed_unprocessed_pseudogene	3.44	3.78	3.93	3.45	2.13	2.12	2.00	3.06
Down	ENSMUSG000000113817	-3.55	7.25E-04	Gm21056	transcribed_unprocessed_pseudogene	3.91	3.57	4.20	4.70	2.00	2.53	2.45	2.44
Down	ENSMUSG000000109032	-1.62	9.64E-04	Gm7872	transcribed_unprocessed_pseudogene	3.56	4.17	4.34	4.05	2.82	2.12	3.35	3.44
Down	ENSMUSG00000079356	-3.41	2.20E-03	Mett4-ps1	transcribed_unprocessed_pseudogene	2.94	3.46	3.93	4.09	2.13	2.13	2.24	2.54
Down	ENSMUSG000000101639	-2.65	2.43E-03	Gm8597	transcribed_unprocessed_pseudogene	3.72	3.46	3.65	3.82	2.74	2.00	2.00	2.78
Down	ENSMUSG000000106369	-4.18	2.53E-03	Gm43355	transcribed_unprocessed_pseudogene	2.43	2.16	2.64	2.27	2.00	2.00	2.00	2.00
Down	ENSMUSG000000111194	-5.49	3.02E-03	Gm47180	transcribed_unprocessed_pseudogene	2.43	2.30	3.09	3.21	2.00	2.00	2.00	2.00
Down	ENSMUSG00000093610	-3.08	3.19E-03	Cyp2c53-ps	transcribed_unprocessed_pseudogene	3.67	3.97	3.89	3.98	2.00	2.00	2.63	2.78
Down	ENSMUSG00000082305	-1.47	3.37E-03	Gm2420	transcribed_unprocessed_pseudogene	3.44	3.68	3.60	4.22	2.57	2.00	3.13	3.48
Down	ENSMUSG00000092528	-1.36	4.12E-03	Nlrp1c-ps	transcribed_unprocessed_pseudogene	4.11	4.24	3.97	3.98	2.97	3.38	2.35	3.66
Down	ENSMUSG000000114544	-2.40	4.22E-03	Gm49146	transcribed_unprocessed_pseudogene	3.67	4.44	3.60	4.15	2.57	2.44	2.54	2.99
Down	ENSMUSG000000108662	-5.33	4.67E-03	Olf188-ps1	transcribed_unprocessed_pseudogene	3.86	3.11	3.65	3.27	2.00	2.00	2.24	2.00
Down	ENSMUSG00000085500	-1.84	7.48E-03	Gm16976	transcribed_unprocessed_pseudogene	4.11	4.20	3.89	4.15	2.66	3.11	2.86	3.06
Down	ENSMUSG00000097352	-2.54	9.02E-03	C920009B18Rik	transcribed_unprocessed_pseudogene	3.50	4.47	4.30	3.94	2.00	2.70	2.35	3.23
Down	ENSMUSG00000079455	-1.42	9.97E-03	Gm16026	transcribed_unprocessed_pseudogene	3.91	4.27	4.52	4.19	3.11	3.17	2.71	3.81
Down	ENSMUSG000000109913	-3.30	4.81E-08	Gm30694	unitary_pseudogene	3.18	3.73	4.37	3.85	2.00	2.00	2.44	2.44
Down	ENSMUSG000000986162	-2.09	2.61E-03	Gm16342	unitary_pseudogene	3.50	2.95	3.49	2.59	2.00	2.12	2.62	2.62
Down	ENSMUSG00000067736	-6.22	2.33E-47	Gm10222	unprocessed_pseudogene	8.47	8.99	8.75	9.20	3.73	2.34	3.30	3.70
Down	ENSMUSG00000083563	-4.45	4.67E-34	Gm13340	unprocessed_pseudogene	5.17	5.78	5.65	5.88	3.23	2.34	2.24	2.44
Down	ENSMUSG000000101939	-5.81	1.53E-30	Gm28438	unprocessed_pseudogene	10.22	10.58	10.46	10.83	4.92	4.70	5.26	4.77
Down	ENSMUSG000000101111	-7.35	3.65E-28	Gm28437	unprocessed_pseudogene	6.84	7.23	7.21	7.69	2.82	2.00	2.00	2.24
Down	ENSMUSG000000100131	-5.90	9.87E-14	Gm28439	unprocessed_pseudogene	4.51	4.56	4.70	4.96	2.25	2.12	2.00	2.12
Down	ENSMUSG000000100862	-7.12	4.96E-11	Gm10925	unprocessed_pseudogene	4.03	4.05	4.27	4.65	2.13	2.00	2.00	2.00
Down	ENSMUSG000000102070	-6.94	2.39E-10	Gm28661	unprocessed_pseudogene	3.44	3.57	3.49	3.90	2.00	2.00	2.00	2.00
Down	ENSMUSG000000101249	-3.84	9.80E-09	Gm29216	unprocessed_pseudogene	3.81	3.11	3.43	3.78	2.00	2.00	2.62	2.62
Down	ENSMUSG00000082884	-5.88	2.64E-07	Gm13339	unprocessed_pseudogene	2.94	2.76	3.01	3.21	2.00	2.00	2.00	2.00
Down	ENSMUSG00000083863	-2.97	2.89E-07	Gm13341	unprocessed_pseudogene	3.02	3.73	3.97	3.98	2.00	2.92	2.00	2.34
Down	ENSMUSG00000089818	-3.45	8.82E-07	Gm15950	unprocessed_pseudogene	3.02	3.52	3.65	3.55	2.00	2.34	2.24	2.24
Down	ENSMUSG00000087153	-1.06	2.38E-06	Gm6463	unprocessed_pseudogene	5.42	5.58	5.64	5.41	4.62	4.64	4.07	4.70
Down	ENSMUSG000000110649	-1.88	1.06E-05	Gm40466	unprocessed_pseudogene	4.15	4.20	4.09	4.37	3.11	3.17	3.17	3.17
Down	ENSMUSG000000114610	-4.87	2.88E-04	Cyp2c52-ps	unprocessed_pseudogene	3.02	2.86	3.36	3.55	2.13	2.00	2.00	2.12
Down	ENSMUSG00000099871	-5.28	8.79E-04	Gm21742	unprocessed_pseudogene	3.77	2.00	2.29	2.00	2.00	2.00	2.00	2.00
Down	ENSMUSG00000093426	-4.83	1.38E-03	Vmn2r-ps123	unprocessed_pseudogene	3.56	3.46	3.49	3.69	2.00	2.00	2.00	2.34
Down	ENSMUSG000000102493	-1.93	1.55E-03	Gm8010	unprocessed_pseudogene	3.38	4.09	3.43	3.50	2.25	2.34	2.93	2.85
Down	ENSMUSG00000080153	-3.96	2.57E-03	Gm12260	unprocessed_pseudogene	2.75	2.16	3.01	3.01	2.00	2.00	2.00	2.24
Down	ENSMUSG00000090256	-1.52	3.01E-03	Alms1-ps1	unprocessed_pseudogene	4.22	4.17	3.97	4.28	3.40	3.56	2.35	2.99
Down	ENSMUSG000000105082	-3.43	4.63E-03	Aqp10-ps	unprocessed_pseudogene	2.54	2.95	2.29	3.21	2.00	2.24	2.00	2.12
Down	ENSMUSG00000073902	-2.79	5.31E-03	Gm1966	unprocessed_pseudogene	4.48	4.61	3.43	4.74	2.82	2.34	2.00	3.29
Down	ENSMUSG000000103601	-4.21	5.93E-03	Gm18150	unprocessed_pseudogene	2.30	2.86	2.15	2.14	2.00	2.00	2.00	2.00
Down	ENSMUSG000000109750	-4.86	8.59E-03	Hmgb1-rs17	unprocessed_pseudogene	2.54	3.19	2.74	2.86	2.00	2.00	2.12	2.12
Down	ENSMUSG00000089927	-3.36	8.78E-03	Gm16539	unprocessed_pseudogene	2.30	2.76	2.42	2.69	2.00	2.00	2.00	2.24
Down	ENSMUSG00000080701	-4.24	9.07E-03	Gm12340	unprocessed_pseudogene	2.43	2.16	3.09	2.59	2.00	2.00	2.12	2.12
Down	ENSMUSG000000115802	-3.80	9.21E-03	Vmn1r-ps136	unprocessed_pseudogene	2.65	2.55	2.00	2.59	2.00	2.00	2.12	2.12
Down	ENSMUSG00000091277	-1.89	9.45E-03	Gm1818	unprocessed_pseudogene	2.65	3.23	2.84	3.33	2.65	2.34	2.35	2.54