

Supplementary materials

Table S1

The primer sequences used for quantitative PCR were as follows:

Species	Gene	Forward primer	Reverse primer
Mouse	<i>Bax</i>	TGAAGACAGGGGCCTTTTTG	AATTCGCCGGAGACTCG
Mouse	<i>Bcl2a1a</i>	GGCTGAGCACTACCTTCAGTA	TGGCGGTATCTATGGATTCCAC
Mouse	<i>Bcl2l1</i>	AGTGGAGGTACACCCTCAG	AAGGCTGGGATCACAAACGTG
Mouse	<i>Bnip3</i>	TCCTGGGTAGAACTGCACTTC	GCTGGGCATCCAACAGTATTT
Mouse	<i>Bok</i>	AGGTAGTGTCCCTGTATTCCG	AAGGTCTTGCCTACAACTCC
Mouse	<i>Gpx1</i>	AGTCCACCGTGTATGCCTTCT	GAGACGCGACATTCTCAATGA
Mouse	<i>Hmox1</i>	GGTGATGGCTTCCTTGTACC	AGTGAGGCCCATACCAGAAG
Mouse	<i>mt-col</i>	TCGGAGCCCCAGATATAGCA	TTCCGGCTAGAGGTGGGTA
Mouse	<i>mt-cytb</i>	GGCTACGTCCTTCCATGAGG	AGCGAAGAATCGGGTCAAGG
Mouse	<i>mt-nd1</i>	TCCGAGCATCTTATCCACGC	GTATGGTGGTACTCCCGCTG
Mouse	<i>Myh7</i>	ACTGTCAACACTAAGAGGGTCA	TTGGATGATTTGATCTTCCAGGG
Mouse	<i>Ndufs1</i>	AGGATATGTTCGCACAACCTGG	TCATGGTAACAGAATCGAGGGA
Mouse	<i>Nppa</i>	TGACAGGATTGGAGCCCAGAG	AGCTGCGTGACACACCACAAG
Mouse	<i>Nppb</i>	GCTGCTTTGGGCACAAGATAG	GGTCTTCCTACAACAACCTCA
Mouse	<i>Opal</i>	ACAGCAAATCAAGAGCACGA	TTGCGCTTCTGTTGGGCAT
Mouse	<i>Ptgs2</i>	CTGCGCCTTTTCAAGGATGG	GGGGATACACCTCTCCACCA
Mouse	<i>Slc25a28</i>	AGCATTGCGTGATGTACCCG	CCTGTTGCTGTGACGTTCA
Mouse	<i>Slc25a37</i>	CGGAGGATGGATGGGGACT	GCTGGTCGGTAGGTTCTCGTA
Mouse	<i>Slc40a1</i>	GTGGAGTACTTCTTGCTCTGG	CTGCTTCAGTTCTGACTCCTC
Mouse	<i>Sod2</i>	CAGACCTGCCTTACGACTATGG	CTCGGTGGCGTTGAGATTGTT
Mouse	<i>Srxn1</i>	CCCAGGGTGGCGACTACTA	GTGGACCTCACGAGCTTGG
Mouse	<i>Steap4</i>	GGGAAGTCACTGGGATTGAAAA	CCGAATAGCTCAGGACCTCTG
Mouse	<i>Tfrc</i>	CTCAGTTTCCGCCATCTCAGT	GCAGCTCTTGAGATTGTTTGCA
Mouse	<i>Thbs1</i>	GGGGAGATAACGGTGTGTTTG	CGGGGATCAGGTTGGCATT
Mouse	<i>β-Actin</i>	GTCCCTCACCTCCCAAAG	GCTGCCTCAACACCTCAACCC

Table S2

Primary antibodies used for western blotting, immunoprecipitation, immunofluorescence, and immunohistochemistry were as follows:

Antibody	Host	Working dilutions	Catalog No.	Supplier
Flag	Mouse	WB: 1/1000 IP: 1/100	MA1-91878	Thermo Fisher Scientific, USA
Flag	Rabbit	WB: 1/2000	ab205606	Abcam, UK
SLC40A1	Rabbit	WB: 1/1000	NBP1-21502	Novus, USA
SLC40A1	Mouse	WB: 1/1000	ab239583	Abcam, UK

			IHC: 1/100		
			IF: 1/100		
Steap4	Rabbit	WB: 1/500	11944-1-AP	Proteintech, China	
		IP: 1/50			
		IHC: 1/50			
Steap4	Goat	WB: 1/500	NB100-68162	Novus, USA	
		IF: 1/100			
Fth	Rabbit	WB: 1/1000	A19544	ABclonal, China	
Hif2- α	Rabbit	WB: 1/1000	A7553	ABclonal, China	
Cox-IV	Rabbit	WB: 1/5000	11242-1-AP	Proteintech, China	
Cytochrome c	Rabbit	WB: 1/5000	ab133504	Abcam, UK	
β -Actin	Rabbit	WB: 1/5000	81115-1-RR	Proteintech, China	
Gpx4	Rabbit	WB: 1/1000	A11243	ABclonal, China	

1

2 **Table S3**

3 shRNA target sequences were as follows:

Target	Species	Target sequences
<i>Slc40a1</i>	Mouse	GTGGATCCATCCTTAGTATTT
<i>Steap4</i>	Mouse	CAGAGTCAAATGCGGAATA
<i>Slc40a1</i>	Rat	TCTTACACAAGAATGAGCTTCTGAA (1)
<i>Slc40a1</i>	Rat	TAACATCCGTGAACTTGAATGTGAA (2)
<i>Slc40a1</i>	Rat	CGAGATGGATGGGTCTCCTACTATA (3)

4

5 **Table S4**

6 Mass spectrum analysis of Flag (SLC40A1)-interacting proteins

Protein name	Unique peptides	Molecular mass (kDa)	Abundance	MS score
SLC40A1	10	62.7	2.3×10^8	41
Steap4	5	53	3.7×10^6	9
Tfrc	5	85.7	1.5×10^6	4
Ndufs4	2	19.8	8.5×10^5	6
Abcb7	2	82.5	2.4×10^5	0

7 Following Co-IP assays of TG mouse heart tissue and electrophoresis, the whole band (Flag-interacting
8 proteins) assessed by LC-MS/MS. Tfrc, Transferrin receptor protein 1; Ndufs4, NADH dehydrogenase
9 [ubiquinone] iron-sulfur protein 4, mitochondrial; Abcb7, Iron-sulfur clusters transporter Abcb7,
10 mitochondrial.

11

12 **Table S5**

13 List of genes that were significantly up-regulated (Fold change > 0)/down-regulated (Fold change < 0) in
14 TG mice compared to NTG mice based on RNA-seq analysis (Padj < 0.5)

Gene	ID	Fold change	Padj
<i>Nmrk2</i>	ENSMUSG00000004939	8.117495592	0
<i>Postn</i>	ENSMUSG00000027750	4.56749557	1.32E-74
<i>Gdf15</i>	ENSMUSG00000038508	5.608992285	2.72E-72
<i>Asns</i>	ENSMUSG00000029752	4.845394302	2.72E-72
<i>Ctgf</i>	ENSMUSG00000019997	3.852524426	5.09E-63
<i>Slc40a1</i>	ENSMUSG00000025993	3.472875306	1.55E-62
<i>Col8a1</i>	ENSMUSG00000068196	3.765430053	1.33E-52
<i>Atf3</i>	ENSMUSG00000026628	3.473179931	5.97E-52
<i>Meox1</i>	ENSMUSG00000001493	3.242655617	5.30E-51
<i>Mthfd2</i>	ENSMUSG00000005667	3.300745885	3.30E-42
<i>Thbs1</i>	ENSMUSG00000040152	3.677770777	1.89E-40
<i>Cdkn1a</i>	ENSMUSG00000023067	2.843242936	3.04E-40
<i>Eln</i>	ENSMUSG00000029675	2.91912677	1.83E-39
<i>Rcan1</i>	ENSMUSG00000022951	2.000307896	1.00E-38
<i>Fhl1</i>	ENSMUSG00000023092	2.196092801	1.82E-38
<i>Timp1</i>	ENSMUSG00000001131	3.975318782	1.31E-35
<i>Tnc</i>	ENSMUSG00000028364	5.238270091	1.68E-34
<i>Phgdh</i>	ENSMUSG00000053398	3.26872831	3.35E-34
<i>Tfrc</i>	ENSMUSG00000022797	2.984757092	8.96E-32
<i>Col3a1</i>	ENSMUSG00000026043	2.118238904	1.55E-30
<i>Hmox1</i>	ENSMUSG00000005413	2.266246653	2.87E-30
<i>Lgals3</i>	ENSMUSG00000050335	3.34316456	8.23E-30
<i>Loxl2</i>	ENSMUSG00000034205	2.521607813	1.29E-29
<i>Uck2</i>	ENSMUSG00000026558	2.441825395	2.27E-29
<i>Tnfrsf12a</i>	ENSMUSG00000023905	2.704975841	1.36E-28
<i>Adamts12</i>	ENSMUSG00000036040	2.744419469	1.70E-28
<i>Emp1</i>	ENSMUSG00000030208	2.196201045	4.54E-28
<i>Gm29216</i>	ENSMUSG00000101249	-2.610648509	4.55E-27
<i>Abra</i>	ENSMUSG00000042895	2.420241512	1.03E-26
<i>Otud1</i>	ENSMUSG00000043415	2.270436428	2.41E-26
<i>Psat1</i>	ENSMUSG00000024640	2.727379357	8.49E-26
<i>Nr4a1</i>	ENSMUSG00000023034	2.626090237	1.38E-25
<i>Mfap5</i>	ENSMUSG00000030116	2.707412893	3.91E-25
<i>Ddit4</i>	ENSMUSG00000020108	2.005292345	5.10E-25
<i>Egln3</i>	ENSMUSG00000035105	2.46871723	9.63E-25
<i>Pycr1</i>	ENSMUSG00000025140	3.595876973	1.28E-24
<i>Fkbp5</i>	ENSMUSG00000024222	1.875809062	9.13E-24
<i>Sparc</i>	ENSMUSG00000018593	2.110127471	4.13E-23
<i>Tuba1a</i>	ENSMUSG00000072235	1.809697335	4.28E-23

<i>Fbn1</i>	ENSMUSG00000027204	2.487849683	6.45E-23
<i>Fstl1</i>	ENSMUSG00000022816	2.278901025	7.63E-23
<i>Cebpd</i>	ENSMUSG00000071637	2.013648875	1.18E-22
<i>Col5a2</i>	ENSMUSG00000026042	2.183033629	3.06E-22
<i>Cyr61</i>	ENSMUSG00000028195	2.031796172	3.42E-22
<i>Gm13889</i>	ENSMUSG00000087006	2.655410771	1.95E-21
<i>Wisp2</i>	ENSMUSG00000027656	2.431831737	1.95E-21
<i>Tyms</i>	ENSMUSG00000025747	3.00543714	2.82E-21
<i>Dbn1</i>	ENSMUSG00000034675	2.473087793	8.69E-21
<i>Colla2</i>	ENSMUSG00000029661	1.660053418	1.74E-20
<i>Rflnb</i>	ENSMUSG00000020846	1.655433681	1.95E-20
<i>Col4a1</i>	ENSMUSG00000031502	1.709711772	3.20E-20
<i>Serpine1</i>	ENSMUSG00000037411	2.817375581	3.66E-20
<i>Pclaf</i>	ENSMUSG00000040204	4.042724322	5.66E-20
<i>Nr4a3</i>	ENSMUSG00000028341	4.0299369	6.48E-20
<i>Colla1</i>	ENSMUSG00000001506	1.674452839	4.60E-19
<i>Sgk1</i>	ENSMUSG00000019970	1.785017433	8.91E-19
<i>Mfap4</i>	ENSMUSG00000042436	2.211971972	8.91E-19
<i>Oaf</i>	ENSMUSG00000032014	1.71008253	9.31E-19
<i>Hbegf</i>	ENSMUSG00000024486	1.778233868	1.62E-18
<i>Inmt</i>	ENSMUSG00000003477	-2.386909946	1.75E-18
<i>Apold1</i>	ENSMUSG00000090698	2.321757706	2.43E-18
<i>Egr2</i>	ENSMUSG00000037868	4.484918296	5.60E-18
<i>Entpd5</i>	ENSMUSG00000021236	-1.77391649	7.37E-18
<i>Clqtnf6</i>	ENSMUSG00000022440	2.280506528	8.63E-18
<i>Maff</i>	ENSMUSG00000042622	2.221793096	9.44E-18
<i>Phlda3</i>	ENSMUSG00000041801	1.78751192	9.67E-18
<i>Aspn</i>	ENSMUSG00000021388	1.987810993	1.03E-17
<i>Trib3</i>	ENSMUSG00000032715	2.151958076	1.18E-17
<i>Ptn</i>	ENSMUSG00000029838	2.140089197	1.40E-17
<i>Tubb6</i>	ENSMUSG00000001473	1.614755365	1.49E-17
<i>Sprr1a</i>	ENSMUSG00000050359	6.127593852	2.15E-17
<i>Ppl</i>	ENSMUSG00000039457	-2.111324319	3.23E-17
<i>Spp1</i>	ENSMUSG00000029304	4.01204838	3.68E-17
<i>Gm49477</i>	ENSMUSG00000116066	-2.432555088	3.69E-17
<i>Gal3st3</i>	ENSMUSG00000047658	-2.518152682	5.54E-17
<i>Igf1</i>	ENSMUSG00000020053	1.765006168	7.30E-17
<i>Ivd</i>	ENSMUSG00000027332	-1.793960993	1.20E-16
<i>Prelid1</i>	ENSMUSG00000021486	1.475315086	1.45E-16
<i>Pfkip</i>	ENSMUSG00000021196	2.1498582	1.51E-16

<i>Atp6v1h</i>	ENSMUSG00000033793	1.457308629	3.40E-16
<i>Haus8</i>	ENSMUSG00000035439	1.830560757	3.96E-16
<i>Csrp2</i>	ENSMUSG00000020186	2.060650328	4.53E-16
<i>Col4a2</i>	ENSMUSG00000031503	1.515177102	5.47E-16
<i>Kdelr3</i>	ENSMUSG00000010830	1.832464337	6.42E-16
<i>Tpm4</i>	ENSMUSG00000031799	1.517363756	6.46E-16
<i>Ppip5k2</i>	ENSMUSG00000040648	-1.583851943	9.29E-16
<i>Errfi1</i>	ENSMUSG00000028967	2.22237854	1.31E-15
<i>Tmsb10</i>	ENSMUSG00000079523	1.630816988	1.82E-15
<i>Cdk1</i>	ENSMUSG00000019942	3.425120377	2.33E-15
<i>Sars</i>	ENSMUSG00000068739	1.419923462	2.53E-15
<i>Sik1</i>	ENSMUSG00000024042	1.971056368	2.58E-15
<i>Mif</i>	ENSMUSG00000033307	1.838017834	4.11E-15
<i>Cngb3</i>	ENSMUSG00000056494	-3.679803989	5.51E-15
<i>Myoc</i>	ENSMUSG00000026697	-2.204163932	6.28E-15
<i>9230112J17Rik</i>	ENSMUSG00000111761	-2.448752528	1.44E-14
<i>Sphk1</i>	ENSMUSG00000061878	3.029524048	1.88E-14
<i>Cyb5r1</i>	ENSMUSG00000026456	1.368820525	1.88E-14
<i>Gdf6</i>	ENSMUSG00000051279	3.206003313	1.95E-14
<i>Dhdh</i>	ENSMUSG00000011382	-2.016650638	2.23E-14
<i>Serp1b1c</i>	ENSMUSG00000079049	5.232246153	3.11E-14
<i>Anln</i>	ENSMUSG00000036777	2.523117397	3.86E-14
<i>Acot1</i>	ENSMUSG00000072949	-2.556733626	4.11E-14
<i>Rgcc</i>	ENSMUSG00000022018	1.430428408	5.42E-14
<i>Gm10925</i>	ENSMUSG00000100862	-2.008978321	8.76E-14
<i>Tubb2a</i>	ENSMUSG00000058672	1.702381139	9.28E-14
<i>Fah</i>	ENSMUSG00000030630	-1.790681407	1.01E-13
<i>Vcan</i>	ENSMUSG00000021614	1.936405874	1.02E-13
<i>Plxnb1</i>	ENSMUSG00000053646	-2.635423682	1.05E-13
<i>Xirp2</i>	ENSMUSG00000027022	1.736187817	1.09E-13
<i>Nnmt</i>	ENSMUSG00000032271	1.679850093	1.11E-13
<i>Bnip3</i>	ENSMUSG00000078566	1.397733868	1.33E-13
<i>Cyth3</i>	ENSMUSG00000018001	1.530621653	1.39E-13
<i>Ero1l</i>	ENSMUSG00000021831	1.719582547	1.59E-13
<i>Cabco1</i>	ENSMUSG00000019945	-2.368332236	2.23E-13
<i>Col8a2</i>	ENSMUSG00000056174	4.225435161	2.28E-13
<i>Aldob</i>	ENSMUSG00000028307	-3.278950997	2.59E-13
<i>Synpo2l</i>	ENSMUSG00000039376	1.790956113	2.66E-13
<i>11-Sep</i>	ENSMUSG00000058013	1.45191982	2.74E-13
<i>Egr3</i>	ENSMUSG00000033730	3.461639189	3.06E-13

<i>Bok</i>	ENSMUSG00000026278	1.727150983	3.07E-13
<i>Itgbl1</i>	ENSMUSG00000032925	1.796165459	3.11E-13
<i>Anxa2</i>	ENSMUSG00000032231	1.464742549	3.22E-13
<i>Mmp14</i>	ENSMUSG00000000957	1.872883816	4.01E-13
<i>Tbx5</i>	ENSMUSG00000018263	-1.713117388	4.17E-13
<i>Adhfe1</i>	ENSMUSG00000025911	-1.598261089	4.63E-13
<i>Lpar1</i>	ENSMUSG00000038668	1.703619189	5.03E-13
<i>Ms4a7</i>	ENSMUSG00000024672	2.03625247	5.62E-13
<i>Loxl1</i>	ENSMUSG00000032334	1.382925211	8.10E-13
<i>Gstm1</i>	ENSMUSG00000058135	-1.327095894	8.79E-13
<i>Armh4</i>	ENSMUSG00000036242	-1.983720612	8.97E-13
<i>Fycol</i>	ENSMUSG00000025241	-1.849593425	8.97E-13
<i>Tuba1b</i>	ENSMUSG00000023004	1.277990381	9.38E-13
<i>Tmem45a</i>	ENSMUSG00000022754	2.071894079	9.43E-13
<i>Rbfox1</i>	ENSMUSG00000008658	-2.305031339	9.51E-13
<i>Cilp</i>	ENSMUSG00000042254	4.39949352	1.12E-12
<i>C3</i>	ENSMUSG00000024164	-1.545387431	1.27E-12
<i>Pbk</i>	ENSMUSG00000022033	3.437547272	1.32E-12
<i>S100a10</i>	ENSMUSG00000041959	1.515290181	1.32E-12
<i>Tubb5</i>	ENSMUSG00000001525	1.253814273	1.48E-12
<i>Rhoc</i>	ENSMUSG00000002233	1.419805216	1.76E-12
<i>Coll2a1</i>	ENSMUSG00000032332	3.589358828	1.77E-12
<i>Dclk3</i>	ENSMUSG00000032500	3.457943615	1.79E-12
<i>Il15</i>	ENSMUSG00000031712	-1.722432308	2.08E-12
<i>Mxra7</i>	ENSMUSG00000020814	1.439333583	3.41E-12
<i>Abcc9</i>	ENSMUSG00000030249	-1.894081523	3.73E-12
<i>Gm26917</i>	ENSMUSG00000097971	1.9717034	4.63E-12
<i>Gm6416</i>	ENSMUSG00000114792	-3.033731734	5.70E-12
<i>Dusp7</i>	ENSMUSG00000053716	-1.593002846	6.28E-12
<i>Acad12</i>	ENSMUSG00000042647	-1.494523969	6.28E-12
<i>Tpm2</i>	ENSMUSG00000028464	1.732507931	6.28E-12
<i>Gm4544</i>	ENSMUSG00000116056	-2.873690438	7.21E-12
<i>Ppm1k</i>	ENSMUSG00000037826	-1.898731281	7.23E-12
<i>Nts</i>	ENSMUSG00000019890	2.455192799	7.63E-12
<i>Mcm5</i>	ENSMUSG00000005410	1.91588827	8.25E-12
<i>Lox</i>	ENSMUSG00000024529	3.875834615	8.82E-12
<i>Cmya5</i>	ENSMUSG00000047419	-1.718256199	9.29E-12
<i>Tubb2b</i>	ENSMUSG00000045136	2.622385667	1.11E-11
<i>Cldn5</i>	ENSMUSG00000041378	1.628792959	1.33E-11
<i>Gars</i>	ENSMUSG00000029777	1.411127541	1.33E-11

<i>Tpx2</i>	ENSMUSG00000027469	2.640210751	1.41E-11
<i>Anxa3</i>	ENSMUSG00000029484	1.420059533	1.42E-11
<i>Frzb</i>	ENSMUSG00000027004	2.105172189	1.48E-11
<i>Ano10</i>	ENSMUSG00000037949	-1.784401593	1.48E-11
<i>Egflam</i>	ENSMUSG00000042961	-2.335382516	1.55E-11
<i>Acox2</i>	ENSMUSG00000021751	4.858947486	1.60E-11
<i>Selenbp1</i>	ENSMUSG00000068874	-1.168666421	1.65E-11
<i>Asb14</i>	ENSMUSG00000021898	-1.579243505	1.65E-11
<i>Ccl9</i>	ENSMUSG00000019122	1.402952026	1.66E-11
<i>Gsn</i>	ENSMUSG00000026879	-1.476182148	1.67E-11
<i>Pde4a</i>	ENSMUSG00000032177	-1.655132527	1.98E-11
<i>Kcnj2</i>	ENSMUSG00000041695	-2.212258578	2.05E-11
<i>Serp1</i>	ENSMUSG00000027808	1.241412622	2.28E-11
<i>Rps12-ps4</i>	ENSMUSG00000109509	1.621811425	2.28E-11
<i>Nes</i>	ENSMUSG00000004891	1.757435917	2.65E-11
<i>Rpl3</i>	ENSMUSG00000060036	1.522766486	2.87E-11
<i>Rtn4</i>	ENSMUSG00000020458	1.346564989	3.75E-11
<i>Glpr2</i>	ENSMUSG00000028480	1.631057611	3.81E-11
<i>Eif4a1</i>	ENSMUSG00000059796	1.04099584	3.81E-11
<i>Ldha</i>	ENSMUSG00000063229	1.540225253	3.81E-11
<i>Capg</i>	ENSMUSG00000056737	1.520161351	3.81E-11
<i>Ankrd1</i>	ENSMUSG00000024803	1.776662718	3.85E-11
<i>Camk2a</i>	ENSMUSG00000024617	-2.078692272	4.43E-11
<i>Bckdhb</i>	ENSMUSG00000032263	-1.341134688	5.67E-11
<i>Rbm3</i>	ENSMUSG00000031167	1.907718239	5.88E-11
<i>Ms4a6d</i>	ENSMUSG00000024679	1.717321555	6.02E-11
<i>Bcl2l1</i>	ENSMUSG00000007659	1.250873194	6.19E-11
<i>Aox1</i>	ENSMUSG00000063558	-1.722306748	6.48E-11
<i>Gm28439</i>	ENSMUSG00000100131	-2.021007853	6.80E-11
<i>Bckdha</i>	ENSMUSG00000060376	-1.360256382	7.30E-11
<i>Fscn1</i>	ENSMUSG00000029581	1.379792852	7.63E-11
<i>Ldhd</i>	ENSMUSG00000031958	-1.697276695	8.87E-11
<i>Dynl11</i>	ENSMUSG00000009013	1.497906438	8.90E-11
<i>Dnajc28</i>	ENSMUSG00000039763	-2.150473343	9.00E-11
<i>Idh2</i>	ENSMUSG00000030541	-1.031044299	9.59E-11
<i>Arpc1b</i>	ENSMUSG00000029622	1.312870759	9.71E-11
<i>Coro1a</i>	ENSMUSG00000030707	1.490835437	9.78E-11
<i>Clec11a</i>	ENSMUSG00000004473	2.389629889	9.90E-11
<i>Anxa1</i>	ENSMUSG00000024659	1.346395218	1.00E-10
<i>Top2a</i>	ENSMUSG00000020914	2.42896681	1.11E-10

<i>Pcnt</i>	ENSMUSG00000001151	-1.650316338	1.28E-10
<i>Pmepal</i>	ENSMUSG00000038400	1.362409176	1.56E-10
<i>Fbp2</i>	ENSMUSG00000021456	-1.635664176	1.56E-10
<i>E130119H09Rik</i>	ENSMUSG00000114069	-2.892968403	1.72E-10
<i>Lmna</i>	ENSMUSG00000028063	1.103847599	1.79E-10
<i>Atf4</i>	ENSMUSG00000042406	1.320701471	1.80E-10
<i>Hsp90aa1</i>	ENSMUSG00000021270	1.50804298	2.17E-10
<i>Vmn2r3</i>	ENSMUSG00000091572	8.562155894	2.29E-10
<i>Rpl3-ps1</i>	ENSMUSG00000084349	1.439354076	2.43E-10
<i>Lman1l</i>	ENSMUSG00000056271	3.551987207	2.74E-10
<i>Pgam1</i>	ENSMUSG00000011752	1.131154962	2.81E-10
<i>Slc25a42</i>	ENSMUSG00000002346	-1.785975429	2.86E-10
<i>Gjal</i>	ENSMUSG00000050953	-1.141270737	2.90E-10
<i>Csrp1</i>	ENSMUSG00000026421	1.183193617	2.93E-10
<i>Foxs1</i>	ENSMUSG00000074676	2.391006048	3.10E-10
<i>Aldh6a1</i>	ENSMUSG00000021238	-1.534658196	3.11E-10
<i>Cars</i>	ENSMUSG00000010755	1.288183132	3.98E-10
<i>Hectd2os</i>	ENSMUSG00000087579	2.006538743	4.18E-10
<i>Tceal9</i>	ENSMUSG00000042712	1.24380372	4.24E-10
<i>Tpm3</i>	ENSMUSG00000027940	1.114507058	4.24E-10
<i>Dglucy</i>	ENSMUSG00000021185	-1.626080723	4.49E-10
<i>Acy3</i>	ENSMUSG00000024866	-1.678974192	4.66E-10
<i>Rhot2</i>	ENSMUSG00000025733	-1.374946825	4.74E-10
<i>Lgals1</i>	ENSMUSG00000068220	1.179819189	5.99E-10
<i>Ms4a6b</i>	ENSMUSG00000024677	1.330928388	6.24E-10
<i>Adrb1</i>	ENSMUSG00000035283	-1.848200754	6.41E-10
<i>Mylk3</i>	ENSMUSG00000031698	-1.206414445	6.46E-10
<i>Stk17b</i>	ENSMUSG00000026094	1.231727437	6.54E-10
<i>Ptma</i>	ENSMUSG00000026238	1.059842323	7.81E-10
<i>Gstm7</i>	ENSMUSG00000004035	-1.501157336	7.93E-10
<i>Eno1</i>	ENSMUSG00000063524	1.364874044	7.98E-10
<i>Cd63</i>	ENSMUSG00000025351	1.155694029	8.85E-10
<i>Stbd1</i>	ENSMUSG00000047963	1.330713696	9.14E-10
<i>Ifrd1</i>	ENSMUSG00000001627	1.443263483	9.26E-10
<i>Panx1</i>	ENSMUSG00000031934	2.328782818	9.37E-10
<i>Pln</i>	ENSMUSG00000038583	-1.458916395	9.52E-10
<i>Pmm1</i>	ENSMUSG00000022474	1.208562023	9.78E-10
<i>Txlnb</i>	ENSMUSG00000039891	-1.225724861	1.03E-09
<i>Thbs4</i>	ENSMUSG00000021702	3.720445709	1.04E-09
<i>Ccdc14l</i>	ENSMUSG00000044033	-1.183646806	1.04E-09

<i>Col26a1</i>	ENSMUSG00000004415	4.072984991	1.06E-09
<i>Abca4</i>	ENSMUSG00000028125	-2.775181654	1.27E-09
<i>Ccna2</i>	ENSMUSG00000027715	2.715828155	1.30E-09
<i>Alpl</i>	ENSMUSG00000028766	1.204343501	1.32E-09
<i>Ctss</i>	ENSMUSG00000038642	1.48431674	1.33E-09
<i>Svep1</i>	ENSMUSG00000028369	1.608693007	1.34E-09
<i>Odc1</i>	ENSMUSG00000011179	1.114872325	1.36E-09
<i>Suclg2</i>	ENSMUSG00000061838	-1.160499725	1.43E-09
<i>Etv4</i>	ENSMUSG00000017724	3.292094387	1.47E-09
<i>Lrrc15</i>	ENSMUSG00000052316	-2.683873502	1.48E-09
<i>Tbc1d10c</i>	ENSMUSG00000040247	-1.980853139	1.55E-09
<i>Zdhhc20</i>	ENSMUSG00000021969	1.24985723	1.55E-09
<i>H2-Ab1</i>	ENSMUSG00000073421	1.296778439	1.55E-09
<i>Ereg</i>	ENSMUSG00000029377	4.507934759	1.64E-09
<i>Mov10l1</i>	ENSMUSG00000015365	-1.157687184	1.78E-09
<i>Cytip</i>	ENSMUSG00000026832	3.078030454	2.00E-09
<i>Clec3b</i>	ENSMUSG00000025784	-1.183196426	2.01E-09
<i>Inpp1l</i>	ENSMUSG00000032737	-1.262356641	2.08E-09
<i>Aldh4a1</i>	ENSMUSG00000028737	-1.49628212	2.31E-09
<i>Fgf16</i>	ENSMUSG00000031230	-1.316309439	2.31E-09
<i>mt-Cytb</i>	ENSMUSG00000064370	-1.299085481	2.31E-09
<i>Tacc3</i>	ENSMUSG00000037313	2.3693115	2.35E-09
<i>Slc25a34</i>	ENSMUSG00000040740	-1.045875463	2.41E-09
<i>Rbp7</i>	ENSMUSG00000028996	1.446047092	2.44E-09
<i>Uckl1os</i>	ENSMUSG00000010492	-4.20075733	2.49E-09
<i>Whrn</i>	ENSMUSG00000039137	-2.192637354	2.87E-09
<i>Mxd3</i>	ENSMUSG00000021485	3.371228492	2.93E-09
<i>Nrep</i>	ENSMUSG00000042834	1.292874815	3.55E-09
<i>Mrc2</i>	ENSMUSG00000020695	1.272922686	3.55E-09
<i>Gm24474</i>	ENSMUSG00000114005	-2.151162038	3.59E-09
<i>Hmgb2</i>	ENSMUSG00000054717	1.689671639	3.62E-09
<i>Cdbl</i>	ENSMUSG00000022235	-1.570267925	3.64E-09
<i>Picalm</i>	ENSMUSG00000039361	1.111707272	3.92E-09
<i>Kctd17</i>	ENSMUSG00000033287	1.225876862	4.47E-09
<i>Lsmem1</i>	ENSMUSG00000071342	-1.471534295	4.49E-09
<i>Hmmr</i>	ENSMUSG00000020330	4.463823733	4.85E-09
<i>Sh3bgrl</i>	ENSMUSG00000031246	1.048945304	4.97E-09
<i>Medag</i>	ENSMUSG00000029659	1.355197052	5.05E-09
<i>Knstrn</i>	ENSMUSG00000027331	2.548632622	5.12E-09
<i>As3mt</i>	ENSMUSG00000003559	-1.899692704	5.17E-09

<i>Mafk</i>	ENSMUSG00000018143	1.210680889	5.20E-09
<i>Kcnj11</i>	ENSMUSG00000096146	-1.187051512	5.28E-09
<i>Penk</i>	ENSMUSG00000045573	-2.326313576	5.54E-09
<i>Klf6</i>	ENSMUSG00000000078	1.126536986	5.64E-09
<i>Ckap2</i>	ENSMUSG00000037725	3.021135264	6.10E-09
<i>Rpl10-ps3</i>	ENSMUSG00000058443	1.510131781	6.28E-09
<i>Cpeb3</i>	ENSMUSG00000039652	-1.423853504	6.46E-09
<i>Aldh18a1</i>	ENSMUSG00000025007	1.548098866	6.96E-09
<i>Kcne4</i>	ENSMUSG00000047330	2.278068027	7.09E-09
<i>Ptx3</i>	ENSMUSG00000027832	2.805453152	7.25E-09
<i>Pabpc1</i>	ENSMUSG00000022283	1.095645568	8.42E-09
<i>Cdc42ep3</i>	ENSMUSG00000036533	-1.225764343	8.43E-09
<i>Slc38a2</i>	ENSMUSG00000022462	1.08494162	8.75E-09
<i>Atp2a2</i>	ENSMUSG00000029467	-1.481329604	9.19E-09
<i>Arf6</i>	ENSMUSG00000044147	1.054991361	9.35E-09
<i>Spry1</i>	ENSMUSG00000037211	1.397059289	1.04E-08
<i>Litaf</i>	ENSMUSG00000022500	1.159661437	1.09E-08
<i>Map3k20</i>	ENSMUSG00000004085	-1.143859176	1.11E-08
<i>Actb</i>	ENSMUSG00000029580	1.013530866	1.18E-08
<i>Gm20619</i>	ENSMUSG00000093482	-2.227015677	1.19E-08
<i>Klhdc1</i>	ENSMUSG00000051890	-1.597766512	1.19E-08
<i>P4ha1</i>	ENSMUSG00000019916	1.046419732	1.24E-08
<i>Gm34302</i>	ENSMUSG00000103476	-2.849269596	1.26E-08
<i>S100a16</i>	ENSMUSG00000074457	1.085701783	1.32E-08
<i>Nars</i>	ENSMUSG00000024587	1.022651249	1.39E-08
<i>Cfl1</i>	ENSMUSG00000056201	1.152143909	1.55E-08
<i>Pls3</i>	ENSMUSG00000016382	1.086169461	1.67E-08
<i>Nr1d1</i>	ENSMUSG00000020889	-1.105072754	1.74E-08
<i>Corin</i>	ENSMUSG00000005220	-1.239134533	1.75E-08
<i>Hadh</i>	ENSMUSG00000027984	-1.079810795	1.75E-08
<i>Ccnb1</i>	ENSMUSG00000041431	3.599071559	1.77E-08
<i>Ngef</i>	ENSMUSG00000026259	3.208663189	1.78E-08
<i>Racgap1</i>	ENSMUSG00000023015	2.198902117	1.78E-08
<i>Yars</i>	ENSMUSG00000028811	1.141417972	1.87E-08
<i>Scara5</i>	ENSMUSG00000022032	-1.436955593	1.87E-08
<i>Actr3</i>	ENSMUSG00000026341	0.971425329	1.98E-08
<i>Mcm6</i>	ENSMUSG00000026355	1.450775708	1.99E-08
<i>Clic1</i>	ENSMUSG00000007041	1.114294066	1.99E-08
<i>Mcam</i>	ENSMUSG00000032135	1.370916367	2.03E-08
<i>Cryba4</i>	ENSMUSG00000066975	-1.808966818	2.17E-08

<i>Cacng6</i>	ENSMUSG00000078815	-4.315988295	2.26E-08
<i>Osbp2</i>	ENSMUSG00000020435	-1.886620724	2.32E-08
<i>Pdk2</i>	ENSMUSG00000038967	-1.069364128	2.34E-08
<i>Prss23</i>	ENSMUSG00000039405	1.607192494	2.81E-08
<i>Ect2</i>	ENSMUSG00000027699	2.635812302	2.81E-08
<i>Col9a2</i>	ENSMUSG00000028626	4.199147129	2.81E-08
<i>Tmem143</i>	ENSMUSG00000002781	-1.156884213	2.85E-08
<i>Selenof</i>	ENSMUSG00000037072	1.044381895	2.85E-08
<i>Ppp1r14c</i>	ENSMUSG00000040653	-1.109288297	2.89E-08
<i>Ptpn3</i>	ENSMUSG00000038764	-1.36366362	2.90E-08
<i>2610524H06Rik</i>	ENSMUSG00000092486	2.4704626	2.92E-08
<i>Rnd3</i>	ENSMUSG00000017144	1.368306832	3.00E-08
<i>Anxa5</i>	ENSMUSG00000027712	0.991420339	3.02E-08
<i>Asb15</i>	ENSMUSG00000029685	-1.749238112	3.08E-08
<i>Rap1b</i>	ENSMUSG00000052681	1.001536103	3.27E-08
<i>Kdelr2</i>	ENSMUSG00000079111	1.124684615	3.54E-08
<i>Jpt1</i>	ENSMUSG00000020737	1.152226579	3.64E-08
<i>Atcayos</i>	ENSMUSG00000085779	-1.428870514	3.66E-08
<i>Gja3</i>	ENSMUSG00000048582	-1.450538838	3.66E-08
<i>Coq9</i>	ENSMUSG00000031782	-1.007582523	3.72E-08
<i>Tfpi</i>	ENSMUSG00000027082	-1.031681412	3.82E-08
<i>Ada</i>	ENSMUSG00000017697	2.577398542	3.85E-08
<i>mt-Atp6</i>	ENSMUSG00000064357	-2.821679402	4.08E-08
<i>BC028528</i>	ENSMUSG00000038543	1.617634083	4.26E-08
<i>Pgk1</i>	ENSMUSG00000062070	1.174263813	4.44E-08
<i>Gm10635</i>	ENSMUSG00000111765	-3.675888905	4.45E-08
<i>A430046D13Rik</i>	ENSMUSG00000097353	-1.408239942	4.51E-08
<i>Eif6</i>	ENSMUSG00000027613	1.03563277	4.77E-08
<i>Rai14</i>	ENSMUSG00000022246	1.598287861	4.78E-08
<i>Mdga1</i>	ENSMUSG00000043557	-2.018188985	4.82E-08
<i>Hopx</i>	ENSMUSG00000059325	-1.302793327	4.91E-08
<i>Tppp</i>	ENSMUSG00000021573	-1.335925854	4.99E-08
<i>Slc2a1</i>	ENSMUSG00000028645	1.394838603	5.32E-08
<i>Prc1</i>	ENSMUSG00000038943	2.972217734	5.32E-08
<i>Bcl2a1b</i>	ENSMUSG00000089929	3.409056498	5.59E-08
<i>Pm20d1</i>	ENSMUSG00000042251	-2.822383445	5.61E-08
<i>Rbp1</i>	ENSMUSG00000046402	1.643889764	5.76E-08
<i>Carhsp1</i>	ENSMUSG00000008393	1.106128905	5.98E-08
<i>4930438A08Rik</i>	ENSMUSG00000069873	7.917579484	6.18E-08
<i>D2hgdh</i>	ENSMUSG00000073609	-1.379295888	6.22E-08

<i>Enpp1</i>	ENSMUSG00000037370	1.726484621	6.22E-08
<i>Ift81</i>	ENSMUSG00000029469	-1.585152995	6.25E-08
<i>Mthfd11</i>	ENSMUSG00000040675	1.915872777	6.31E-08
<i>Gm43672</i>	ENSMUSG00000106019	-1.302893763	6.53E-08
<i>Slc7a5</i>	ENSMUSG00000040010	2.170275436	6.62E-08
<i>Dsg2</i>	ENSMUSG00000044393	-1.476810937	7.16E-08
<i>Mical2</i>	ENSMUSG00000038244	1.427386086	7.18E-08
<i>Crhr2</i>	ENSMUSG00000003476	-1.648720925	7.40E-08
<i>Adamts8</i>	ENSMUSG00000031994	3.146970039	7.59E-08
<i>Nedd9</i>	ENSMUSG00000021365	1.411472794	7.97E-08
<i>Depp1</i>	ENSMUSG00000048489	1.36330161	8.24E-08
<i>Dbt</i>	ENSMUSG00000000340	-1.39264822	8.52E-08
<i>Efcab2</i>	ENSMUSG00000026495	-1.212947965	8.70E-08
<i>Acot9</i>	ENSMUSG00000025287	1.079173621	9.32E-08
<i>Prr12</i>	ENSMUSG00000046574	-1.675536106	9.37E-08
<i>Rpsa-ps10</i>	ENSMUSG00000047676	1.013317852	9.57E-08
<i>Echdc3</i>	ENSMUSG00000039063	-1.427303502	9.57E-08
<i>Tubb4b</i>	ENSMUSG00000036752	0.905436241	9.58E-08
<i>Dok1</i>	ENSMUSG00000068335	2.006759223	9.70E-08
<i>Lrrc3b</i>	ENSMUSG00000045201	-1.396099229	9.80E-08
<i>Gm10222</i>	ENSMUSG00000067736	-2.479558908	9.89E-08
<i>Cyb561</i>	ENSMUSG00000019590	1.246596113	9.89E-08
<i>Hnmt</i>	ENSMUSG00000026986	-1.570188875	1.00E-07
<i>Jmjd6</i>	ENSMUSG00000056962	1.00991841	1.03E-07
<i>Ddx39</i>	ENSMUSG00000005481	1.088900805	1.03E-07
<i>Kcnip2</i>	ENSMUSG00000025221	-1.698980043	1.04E-07
<i>Mki67</i>	ENSMUSG00000031004	1.850086628	1.11E-07
<i>Etl4</i>	ENSMUSG00000036617	-1.414607854	1.12E-07
<i>Ccnb2</i>	ENSMUSG00000032218	3.045717899	1.12E-07
<i>Vim</i>	ENSMUSG00000026728	1.117022987	1.13E-07
<i>H2-Eb1</i>	ENSMUSG00000060586	1.252099092	1.16E-07
<i>Srsf3</i>	ENSMUSG00000071172	0.98874174	1.18E-07
<i>Calm1</i>	ENSMUSG00000001175	0.878217807	1.22E-07
<i>Ifi211</i>	ENSMUSG00000026536	1.36089142	1.23E-07
<i>Ube2c</i>	ENSMUSG00000001403	2.536036444	1.24E-07
<i>2310039L15Rik</i>	ENSMUSG00000100550	-2.201106114	1.24E-07
<i>Tnfrsf11b</i>	ENSMUSG00000063727	4.233880394	1.25E-07
<i>Npr3</i>	ENSMUSG00000022206	-1.056897283	1.25E-07
<i>Cbx7</i>	ENSMUSG00000053411	-1.27869521	1.28E-07
<i>Prkaca</i>	ENSMUSG00000005469	-0.893072595	1.29E-07

<i>Slfn2</i>	ENSMUSG00000072620	1.20626714	1.29E-07
<i>Rap1gap2</i>	ENSMUSG00000038807	-1.177816284	1.31E-07
<i>Enpp2</i>	ENSMUSG00000022425	-1.632158518	1.31E-07
<i>Ckap4</i>	ENSMUSG00000046841	1.105612636	1.34E-07
<i>Gstk1</i>	ENSMUSG00000029864	-1.636796726	1.38E-07
<i>Nfil3</i>	ENSMUSG00000056749	1.432258298	1.41E-07
<i>Yipf5</i>	ENSMUSG00000024487	1.120900942	1.42E-07
<i>Upk3b</i>	ENSMUSG00000042985	-1.225821045	1.46E-07
<i>Asb5</i>	ENSMUSG00000031519	-1.231939772	1.47E-07
<i>Igfbp7</i>	ENSMUSG00000036256	1.450098108	1.49E-07
<i>Aldh1a3</i>	ENSMUSG00000015134	2.259025568	1.56E-07
<i>Cald1</i>	ENSMUSG00000029761	1.05983205	1.56E-07
<i>Gm10275</i>	ENSMUSG00000069682	1.2406467	1.56E-07
<i>Marcks</i>	ENSMUSG00000069662	0.975172509	1.68E-07
<i>Actg1</i>	ENSMUSG00000062825	0.933311914	1.68E-07
<i>Rpl35a-ps2</i>	ENSMUSG00000081214	1.458857744	1.68E-07
<i>Morf4l2</i>	ENSMUSG00000031422	0.939707691	1.79E-07
<i>Cgnl1</i>	ENSMUSG00000032232	-0.952450327	1.95E-07
<i>Clasp1</i>	ENSMUSG00000064302	-1.218235895	1.95E-07
<i>Frmpp3</i>	ENSMUSG00000042425	-2.464777328	1.96E-07
<i>SI00a6</i>	ENSMUSG00000001025	1.370682787	2.04E-07
<i>Chac1</i>	ENSMUSG00000027313	1.818388023	2.08E-07
<i>Aldh1a2</i>	ENSMUSG00000013584	1.408554456	2.11E-07
<i>Ank2</i>	ENSMUSG00000032826	-1.164278048	2.24E-07
<i>Wnk2</i>	ENSMUSG00000037989	-1.662404213	2.27E-07
<i>Acss1</i>	ENSMUSG00000027452	-0.94780131	2.32E-07
<i>Maob</i>	ENSMUSG00000040147	-1.494524853	2.40E-07
<i>Myc</i>	ENSMUSG00000022346	1.655143888	2.42E-07
<i>Tpd52l1</i>	ENSMUSG00000000296	-1.682348722	2.42E-07
<i>Fbln2</i>	ENSMUSG00000064080	1.255221016	2.42E-07
<i>Otulin</i>	ENSMUSG00000046034	1.076945673	2.50E-07
<i>P2ry10</i>	ENSMUSG00000050921	4.732145436	2.52E-07
<i>Uros</i>	ENSMUSG00000030979	-1.177252667	2.78E-07
<i>Rpl10a-ps1</i>	ENSMUSG00000084416	1.191344246	2.79E-07
<i>Adcy6</i>	ENSMUSG00000022994	-0.986761727	2.99E-07
<i>Slc9a2</i>	ENSMUSG00000026062	-2.014313559	3.02E-07
<i>Kyat3</i>	ENSMUSG00000040213	-1.461158055	3.04E-07
<i>Prrc2b</i>	ENSMUSG00000039262	-1.146163653	3.08E-07
<i>Tmem35a</i>	ENSMUSG00000033578	-2.08833436	3.14E-07
<i>Agtr1a</i>	ENSMUSG00000049115	-1.699078418	3.22E-07

<i>Cenpm</i>	ENSMUSG00000068101	2.719405376	3.24E-07
<i>Arcp5</i>	ENSMUSG00000008475	0.943985405	3.25E-07
<i>Tubb3</i>	ENSMUSG00000062380	2.0086526	3.33E-07
<i>Krt222</i>	ENSMUSG00000035849	-1.371035574	3.33E-07
<i>Birc5</i>	ENSMUSG00000017716	2.698983358	3.33E-07
<i>Plin3</i>	ENSMUSG00000024197	-0.976503999	3.41E-07
<i>Tcea3</i>	ENSMUSG00000001604	-1.067527318	3.45E-07
<i>Rps12-ps3</i>	ENSMUSG00000067038	0.918026342	3.53E-07
<i>Clec4d</i>	ENSMUSG00000030144	2.362230626	3.57E-07
<i>Klrd1</i>	ENSMUSG00000030165	4.637941588	3.58E-07
<i>D3Ertd751e</i>	ENSMUSG00000025766	-1.389297011	3.62E-07
<i>Pkhd11l</i>	ENSMUSG00000038725	-1.836616059	3.65E-07
<i>Nfkbia</i>	ENSMUSG00000021025	0.933653559	3.67E-07
<i>Cd52</i>	ENSMUSG00000000682	1.63222227	3.72E-07
<i>B230369F24Rik</i>	ENSMUSG00000086350	-1.803618893	3.77E-07
<i>Gm28661</i>	ENSMUSG00000102070	-1.444872074	3.81E-07
<i>Bcat1</i>	ENSMUSG00000030268	1.96361542	3.81E-07
<i>Tgfb3</i>	ENSMUSG00000021253	1.201545313	3.81E-07
<i>Mut</i>	ENSMUSG00000023921	-1.232699487	3.81E-07
<i>Nqo2</i>	ENSMUSG00000046949	-1.111149875	3.89E-07
<i>Pfkl</i>	ENSMUSG00000020277	0.853857919	3.89E-07
<i>Slpr1</i>	ENSMUSG00000045092	1.155256917	3.92E-07
<i>Loxl3</i>	ENSMUSG00000000693	1.782966926	3.92E-07
<i>Heatr5b</i>	ENSMUSG00000039414	-1.326305651	4.05E-07
<i>Dbf4</i>	ENSMUSG00000002297	2.245377208	4.07E-07
<i>mt-Nd4</i>	ENSMUSG00000064363	-1.31561741	4.20E-07
<i>Gm19410</i>	ENSMUSG00000109372	2.353395442	4.22E-07
<i>H2afz</i>	ENSMUSG00000037894	1.05836761	4.27E-07
<i>Nrip3</i>	ENSMUSG00000034825	7.353270702	4.34E-07
<i>Ackr4</i>	ENSMUSG00000079355	1.336284833	4.40E-07
<i>Depdc1a</i>	ENSMUSG00000028175	3.621837645	4.40E-07
<i>Ryr2</i>	ENSMUSG00000021313	-1.216800211	4.46E-07
<i>Gins2</i>	ENSMUSG00000031821	1.939140236	4.57E-07
<i>Pfkfb1</i>	ENSMUSG00000025271	-2.33875793	4.68E-07
<i>Hprt</i>	ENSMUSG00000025630	0.853570528	4.73E-07
<i>Irs2</i>	ENSMUSG00000038894	1.641698169	4.76E-07
<i>Gm13340</i>	ENSMUSG00000083563	-1.662793366	4.76E-07
<i>Eno1b</i>	ENSMUSG00000059040	2.069814265	4.76E-07
<i>Ccr2</i>	ENSMUSG00000049103	1.594619683	4.76E-07
<i>Sla</i>	ENSMUSG00000022372	1.582972085	4.80E-07

<i>Calcoco1</i>	ENSMUSG00000023055	-1.020374293	4.84E-07
<i>Ric8b</i>	ENSMUSG00000035620	-1.267871909	4.86E-07
<i>Sfrp2</i>	ENSMUSG00000027996	1.629466118	4.92E-07
<i>Fmo5</i>	ENSMUSG00000028088	-1.249585722	4.92E-07
<i>Nipsnap2</i>	ENSMUSG00000029432	-0.908409251	5.00E-07
<i>Scml4</i>	ENSMUSG00000044770	2.079966317	5.06E-07
<i>Etfbkmt</i>	ENSMUSG00000039958	-1.433490273	5.20E-07
<i>Eif1a</i>	ENSMUSG00000057561	1.008395935	5.22E-07
<i>Fam198b</i>	ENSMUSG00000027955	1.004972003	5.24E-07
<i>Hlf</i>	ENSMUSG00000003949	-1.467583353	5.36E-07
<i>Cthrc1</i>	ENSMUSG00000054196	4.509550324	5.89E-07
<i>Abhd18</i>	ENSMUSG00000037818	-1.211143129	5.92E-07
<i>Ttc38</i>	ENSMUSG00000035944	-1.39290838	5.92E-07
<i>Stom</i>	ENSMUSG00000026880	-1.108731679	5.94E-07
<i>Tango2</i>	ENSMUSG00000013539	-1.156761062	5.95E-07
<i>Pdcd10</i>	ENSMUSG00000027835	0.986864941	6.16E-07
<i>Dhrs7c</i>	ENSMUSG00000033044	-1.397352932	6.22E-07
<i>1600014C23Rik</i>	ENSMUSG00000094690	3.78417042	6.33E-07
<i>Kcnh2</i>	ENSMUSG00000038319	-1.179884022	6.34E-07
<i>Hspa1b</i>	ENSMUSG00000090877	2.424431588	6.56E-07
<i>Diaph3</i>	ENSMUSG00000022021	2.688551453	6.65E-07
<i>Fdft1</i>	ENSMUSG00000021273	-1.156392912	6.69E-07
<i>Mettl7a1</i>	ENSMUSG00000054619	-1.141907495	6.72E-07
<i>Rgs1</i>	ENSMUSG00000026358	4.834812859	6.74E-07
<i>Ctla2a</i>	ENSMUSG00000044258	1.328038817	6.81E-07
<i>Fhod3</i>	ENSMUSG00000034295	-0.952770546	6.81E-07
<i>Gm48607</i>	ENSMUSG00000113735	-3.444222274	6.81E-07
<i>Inpp5e</i>	ENSMUSG00000026925	-1.431555533	6.81E-07
<i>Lyrm9</i>	ENSMUSG00000072640	-1.352065843	6.92E-07
<i>Ldha-ps2</i>	ENSMUSG00000083836	2.222587439	6.92E-07
<i>Cdr2</i>	ENSMUSG00000030878	1.353940296	7.25E-07
<i>Vgll3</i>	ENSMUSG00000091243	1.493175362	7.50E-07
<i>Plekha4</i>	ENSMUSG00000040428	1.58712065	7.51E-07
<i>Ms4a4a</i>	ENSMUSG00000101389	1.382556659	7.63E-07
<i>Ppic</i>	ENSMUSG00000024538	1.261349271	7.65E-07
<i>Smim20</i>	ENSMUSG00000061461	-1.028939027	7.73E-07
<i>mt-Tl2</i>	ENSMUSG00000064366	-3.681813462	7.97E-07
<i>Tagln</i>	ENSMUSG00000032085	3.654760516	7.98E-07
<i>Poln</i>	ENSMUSG00000045102	-2.595660052	8.01E-07
<i>Emid1</i>	ENSMUSG00000034164	2.16552562	8.04E-07

<i>Gpx7</i>	ENSMUSG00000028597	1.244044647	8.07E-07
<i>Mfap2</i>	ENSMUSG00000060572	1.602762683	8.20E-07
<i>Nhp2</i>	ENSMUSG00000001056	1.144406206	8.27E-07
<i>Avil</i>	ENSMUSG00000025432	3.521076359	8.44E-07
<i>Ttll1</i>	ENSMUSG00000022442	-1.653123847	8.65E-07
<i>Klhl30</i>	ENSMUSG00000026308	-1.2986904	8.77E-07
<i>Lhfp</i>	ENSMUSG00000048332	1.084873348	8.85E-07
<i>Mt2</i>	ENSMUSG00000031762	2.34454108	8.86E-07
<i>Adamts2</i>	ENSMUSG00000036545	1.241192914	8.93E-07
<i>Tmem119</i>	ENSMUSG00000054675	1.133402979	9.09E-07
<i>Abcb8</i>	ENSMUSG00000028973	-0.973710635	9.09E-07
<i>Adcy5</i>	ENSMUSG00000022840	-1.232697742	9.09E-07
<i>Cacna1c</i>	ENSMUSG00000051331	-1.117413652	9.13E-07
<i>Irx1</i>	ENSMUSG00000060969	-1.846254366	9.14E-07
<i>Rps27a</i>	ENSMUSG00000020460	1.289587733	9.34E-07
<i>Armh3</i>	ENSMUSG00000039901	-1.26768931	9.55E-07
<i>2310040G24Rik</i>	ENSMUSG00000101655	-1.526497941	9.65E-07
<i>Kcnn2</i>	ENSMUSG00000054477	-1.880933328	1.01E-06
<i>Gchfr</i>	ENSMUSG00000046814	-1.765790796	1.04E-06
<i>Thyl</i>	ENSMUSG00000032011	1.173011758	1.06E-06
<i>Cenpk</i>	ENSMUSG00000021714	3.589882965	1.07E-06
<i>Rpsa</i>	ENSMUSG00000032518	0.849168127	1.08E-06
<i>Ckap2l</i>	ENSMUSG00000048327	2.540091029	1.09E-06
<i>Sall1</i>	ENSMUSG00000031665	-2.215722309	1.11E-06
<i>Gm28979</i>	ENSMUSG00000101941	-2.812744898	1.11E-06
<i>Mest</i>	ENSMUSG00000051855	1.846238019	1.11E-06
<i>Rpl19-ps11</i>	ENSMUSG00000081094	1.266684863	1.11E-06
<i>Slc41a1</i>	ENSMUSG00000013275	-1.111438093	1.12E-06
<i>Cavin3</i>	ENSMUSG00000037060	1.163648813	1.12E-06
<i>Aldh2</i>	ENSMUSG00000029455	-0.903893704	1.14E-06
<i>Tspan6</i>	ENSMUSG00000067377	1.250966435	1.15E-06
<i>Gypc</i>	ENSMUSG00000090523	-1.074601061	1.17E-06
<i>Gcdh</i>	ENSMUSG00000003809	-1.18181064	1.18E-06
<i>Pdlim2</i>	ENSMUSG00000022090	1.351899297	1.20E-06
<i>Isoc2a</i>	ENSMUSG00000086784	-1.288442646	1.23E-06
<i>Acadm</i>	ENSMUSG00000062908	-1.071899692	1.24E-06
<i>Etfdh</i>	ENSMUSG00000027809	-0.959155245	1.25E-06
<i>Mmp12</i>	ENSMUSG00000049723	2.816258461	1.26E-06
<i>Ran</i>	ENSMUSG00000029430	0.807309196	1.26E-06
<i>Pimreg</i>	ENSMUSG00000020808	2.817618727	1.26E-06

<i>Nppb</i>	ENSMUSG00000029019	3.396223974	1.29E-06
<i>Vwf</i>	ENSMUSG00000001930	-1.03329801	1.29E-06
<i>Ehhadh</i>	ENSMUSG00000022853	-1.655172524	1.29E-06
<i>Mpeg1</i>	ENSMUSG00000046805	1.607237249	1.31E-06
<i>Eef1a1</i>	ENSMUSG00000037742	1.076272601	1.35E-06
<i>Kbtbd3</i>	ENSMUSG00000025893	-1.578508105	1.36E-06
<i>BB218582</i>	ENSMUSG00000085218	-2.128366264	1.39E-06
<i>Gpr153</i>	ENSMUSG00000042804	1.353800671	1.39E-06
<i>Prrx2</i>	ENSMUSG00000039476	2.916719161	1.41E-06
<i>Angptl4</i>	ENSMUSG00000002289	1.669918231	1.41E-06
<i>Col5a1</i>	ENSMUSG00000026837	1.049856466	1.45E-06
<i>Endod1</i>	ENSMUSG00000037419	1.159387638	1.45E-06
<i>Arid5a</i>	ENSMUSG00000037447	1.468441446	1.47E-06
<i>Ostc</i>	ENSMUSG00000041084	0.873435461	1.48E-06
<i>Golt1b</i>	ENSMUSG00000030245	1.102086299	1.49E-06
<i>Tmem108</i>	ENSMUSG00000042757	-1.435328394	1.51E-06
<i>Cacnb1</i>	ENSMUSG00000020882	1.908865821	1.57E-06
<i>Col6a2</i>	ENSMUSG00000020241	0.905451999	1.59E-06
<i>Vit</i>	ENSMUSG00000024076	-1.494954843	1.63E-06
<i>1700017B05Rik</i>	ENSMUSG00000032300	1.358026403	1.64E-06
<i>6030408B16Rik</i>	ENSMUSG00000075408	1.56702257	1.66E-06
<i>Capza1</i>	ENSMUSG00000070372	0.973969225	1.67E-06
<i>Tmtc1</i>	ENSMUSG00000030306	-0.907236757	1.67E-06
<i>Slc16a3</i>	ENSMUSG00000025161	1.563490171	1.72E-06
<i>Tcaim</i>	ENSMUSG00000046603	-1.396982059	1.72E-06
<i>Lsp1</i>	ENSMUSG00000018819	1.125766833	1.72E-06
<i>Rpl13a</i>	ENSMUSG00000074129	1.040763054	1.82E-06
<i>Fxyd5</i>	ENSMUSG00000009687	1.280068442	1.91E-06
<i>Rps14</i>	ENSMUSG00000024608	1.018122514	1.94E-06
<i>Eif2s2</i>	ENSMUSG00000074656	0.934743123	1.96E-06
<i>Higd1b</i>	ENSMUSG00000020928	1.314240108	1.99E-06
<i>Nav2</i>	ENSMUSG00000052512	-1.618533414	2.06E-06
<i>Mturn</i>	ENSMUSG00000038065	-1.059528786	2.13E-06
<i>Msrb2</i>	ENSMUSG00000023094	-1.283088691	2.14E-06
<i>Fibin</i>	ENSMUSG00000074971	1.444836961	2.15E-06
<i>Kcnj5</i>	ENSMUSG00000032034	-1.473086748	2.16E-06
<i>Cnn3</i>	ENSMUSG00000053931	0.953213013	2.16E-06
<i>Acacb</i>	ENSMUSG00000042010	-1.146300725	2.16E-06
<i>Gramd1b</i>	ENSMUSG00000040111	-1.261007214	2.16E-06
<i>Efh2</i>	ENSMUSG00000040659	1.288512251	2.16E-06

<i>Myl6</i>	ENSMUSG00000090841	1.234969997	2.18E-06
<i>Arrdc4</i>	ENSMUSG00000042659	1.446775884	2.21E-06
<i>Ppp4c</i>	ENSMUSG00000030697	0.88336881	2.27E-06
<i>Pcca</i>	ENSMUSG00000041650	-1.005099429	2.29E-06
<i>Gm7901</i>	ENSMUSG00000101431	2.991966058	2.31E-06
<i>Tmem158</i>	ENSMUSG00000054871	1.461832649	2.32E-06
<i>Ncf1</i>	ENSMUSG00000015950	1.108205441	2.33E-06
<i>Gm6793</i>	ENSMUSG00000092086	1.105569248	2.34E-06
<i>Ms4a6c</i>	ENSMUSG00000079419	1.348001262	2.35E-06
<i>Hsbp1l1</i>	ENSMUSG00000078963	-2.351168081	2.37E-06
<i>Slc1a3</i>	ENSMUSG00000005360	1.709358949	2.47E-06
<i>Gm43050</i>	ENSMUSG00000106795	-2.176600341	2.50E-06
<i>Ccdc69</i>	ENSMUSG00000049588	-1.710677001	2.53E-06
<i>Plac8</i>	ENSMUSG00000029322	1.664372936	2.53E-06
<i>Serpinh1</i>	ENSMUSG00000070436	0.91056999	2.53E-06
<i>Ipo13</i>	ENSMUSG00000033365	-1.066094799	2.54E-06
<i>Ms4a4c</i>	ENSMUSG00000024675	2.254168523	2.56E-06
<i>S100a11</i>	ENSMUSG00000027907	1.195277531	2.58E-06
<i>Angptl6</i>	ENSMUSG00000038742	1.435140913	2.61E-06
<i>Gpd1</i>	ENSMUSG00000023019	-0.974235267	2.68E-06
<i>Prdx4</i>	ENSMUSG00000025289	0.92243383	2.69E-06
<i>Rps6ka2</i>	ENSMUSG00000023809	-1.31394641	2.73E-06
<i>Praf2</i>	ENSMUSG00000031149	1.440734502	2.73E-06
<i>Iigp1</i>	ENSMUSG00000054072	-1.072981009	2.75E-06
<i>Ltbp2</i>	ENSMUSG00000002020	4.140731884	2.79E-06
<i>Lhfp12</i>	ENSMUSG00000045312	1.560997217	2.83E-06
<i>Cnksr1</i>	ENSMUSG00000028841	1.499789335	2.83E-06
<i>Gtf2i</i>	ENSMUSG00000060261	-0.851680444	2.87E-06
<i>Nebl</i>	ENSMUSG00000053702	-1.115171316	2.93E-06
<i>Cenpi</i>	ENSMUSG00000031262	3.219661164	2.94E-06
<i>Gpx8</i>	ENSMUSG00000021760	0.947470771	3.00E-06
<i>Hdac11</i>	ENSMUSG00000034245	-1.33163119	3.00E-06
<i>Pkia</i>	ENSMUSG00000027499	-1.080577589	3.07E-06
<i>Prpf38a</i>	ENSMUSG00000063800	0.948649548	3.11E-06
<i>Pik3ip1</i>	ENSMUSG00000034614	-1.087365344	3.13E-06
<i>Gstm2</i>	ENSMUSG00000040562	-0.964434295	3.13E-06
<i>Efemp2</i>	ENSMUSG00000024909	0.95613906	3.22E-06
<i>Jdp2</i>	ENSMUSG00000034271	1.197341858	3.30E-06
<i>Klhl24</i>	ENSMUSG00000062901	-0.889560375	3.31E-06
<i>Mitf</i>	ENSMUSG00000035158	-1.176928287	3.40E-06

<i>Utp18</i>	ENSMUSG00000054079	1.128382917	3.41E-06
<i>Mad21l</i>	ENSMUSG00000029910	1.428997331	3.43E-06
<i>Sap30</i>	ENSMUSG00000031609	1.012894019	3.44E-06
<i>Ehbp1</i>	ENSMUSG00000042302	-0.942440301	3.62E-06
<i>Skil</i>	ENSMUSG00000027660	1.238072039	3.69E-06
<i>Btg2</i>	ENSMUSG00000020423	1.387814323	3.69E-06
<i>Kank1</i>	ENSMUSG00000032702	-0.922280913	3.69E-06
<i>Eepd1</i>	ENSMUSG00000036611	-1.2730314	3.69E-06
<i>Lbh</i>	ENSMUSG00000024063	-0.837310225	3.69E-06
<i>Lsmem2</i>	ENSMUSG00000103409	-1.518770328	3.71E-06
<i>Il4ra</i>	ENSMUSG00000030748	1.416697166	3.73E-06
<i>Gtpbp4</i>	ENSMUSG00000021149	0.97101698	3.77E-06
<i>Tmem94</i>	ENSMUSG00000020747	-1.209690789	3.80E-06
<i>Nr3c2</i>	ENSMUSG00000031618	-1.549845332	3.88E-06
<i>Sfrp1</i>	ENSMUSG00000031548	1.420525603	3.89E-06
<i>Etfa</i>	ENSMUSG00000032314	-0.87917802	3.95E-06
<i>Tmsb4x</i>	ENSMUSG00000049775	1.139017809	3.95E-06
<i>Smim5</i>	ENSMUSG00000048442	-1.396573182	3.98E-06
<i>Csfl</i>	ENSMUSG00000014599	-1.049583458	3.98E-06
<i>Gm30873</i>	ENSMUSG00000109341	2.83354443	4.00E-06
<i>Bub1</i>	ENSMUSG00000027379	2.956984581	4.01E-06
<i>Pak6</i>	ENSMUSG00000074923	-1.527606847	4.07E-06
<i>Cep112</i>	ENSMUSG00000020728	-1.462015874	4.08E-06
<i>Ppp1r15a</i>	ENSMUSG00000040435	1.179358054	4.13E-06
<i>Unc5b</i>	ENSMUSG00000020099	1.332599365	4.18E-06
<i>Xpnpep2</i>	ENSMUSG00000037005	-2.634116217	4.20E-06
<i>Lrrn4</i>	ENSMUSG00000043110	-1.749282966	4.23E-06
<i>Rps13-ps2</i>	ENSMUSG00000069972	1.150089587	4.38E-06
<i>Gpm6b</i>	ENSMUSG00000031342	0.899424449	4.43E-06
<i>Gm48583</i>	ENSMUSG00000114277	1.610156518	4.43E-06
<i>Angpt1</i>	ENSMUSG00000022309	-1.21211191	4.45E-06
<i>Eva1b</i>	ENSMUSG00000050212	1.177838775	4.46E-06
<i>Pcsk6</i>	ENSMUSG00000030513	-0.989261561	4.52E-06
<i>Cs</i>	ENSMUSG00000005683	-0.901349725	4.57E-06
<i>Pitpnc1</i>	ENSMUSG00000040430	-1.076536474	4.71E-06
<i>Sox7</i>	ENSMUSG00000063060	-1.440691502	4.80E-06
<i>Pck2</i>	ENSMUSG00000040618	1.020324049	4.83E-06
<i>Rps18</i>	ENSMUSG00000008668	0.956038813	4.85E-06
<i>Scn4a</i>	ENSMUSG00000001027	-2.579729725	4.87E-06
<i>Tpi1</i>	ENSMUSG00000023456	0.764152283	4.89E-06

<i>Esd</i>	ENSMUSG00000021996	0.950015559	4.91E-06
<i>Cep128</i>	ENSMUSG00000061533	-1.467425753	4.93E-06
<i>Trem2</i>	ENSMUSG00000023992	1.59614106	4.97E-06
<i>Svil</i>	ENSMUSG00000024236	-0.980200696	4.97E-06
<i>D830032E09Rik</i>	ENSMUSG00000100457	-1.73556853	4.97E-06
<i>Gm37829</i>	ENSMUSG00000104453	-1.332341099	5.07E-06
<i>Gfra1</i>	ENSMUSG00000025089	-1.632863435	5.19E-06
<i>Tspan9</i>	ENSMUSG00000030352	0.90529151	5.23E-06
<i>Mrpl42</i>	ENSMUSG00000062981	-0.803593259	5.23E-06
<i>Amy1</i>	ENSMUSG00000074264	-2.139902006	5.33E-06
<i>Mettl1</i>	ENSMUSG00000006732	1.214694556	5.63E-06
<i>Tmod3</i>	ENSMUSG00000058587	0.876173709	5.64E-06
<i>4930481A15Rik</i>	ENSMUSG00000086938	-1.610341823	5.69E-06
<i>Wfikkn2</i>	ENSMUSG00000044177	-1.918438656	5.75E-06
<i>Prepl</i>	ENSMUSG00000024127	-1.098835129	5.77E-06
<i>Ralgapa2</i>	ENSMUSG00000037110	-1.101631436	6.04E-06
<i>Pxmp2</i>	ENSMUSG00000029499	-1.062813203	6.04E-06
<i>Rab31</i>	ENSMUSG00000056515	1.332180692	6.07E-06
<i>Sdf2l1</i>	ENSMUSG00000022769	1.212363324	6.08E-06
<i>Kif11</i>	ENSMUSG00000012443	2.065763225	6.09E-06
<i>Cdca3</i>	ENSMUSG00000023505	2.379480007	6.11E-06
<i>Gnl3</i>	ENSMUSG00000042354	0.926123797	6.18E-06
<i>Pbp2</i>	ENSMUSG00000047104	7.072008991	6.18E-06
<i>Stc1</i>	ENSMUSG00000014813	1.73235579	6.19E-06
<i>Sbk2</i>	ENSMUSG00000030433	-2.150162998	6.27E-06
<i>Qsox1</i>	ENSMUSG00000033684	0.940451241	6.77E-06
<i>Tnfsf18</i>	ENSMUSG00000066755	3.989097012	6.81E-06
<i>Psmc8</i>	ENSMUSG00000030591	0.892404988	6.96E-06
<i>Snx10</i>	ENSMUSG00000038301	0.939024748	6.96E-06
<i>Shcbp1</i>	ENSMUSG00000022322	2.343715821	7.01E-06
<i>Alox5</i>	ENSMUSG00000025701	-1.106249609	7.01E-06
<i>Vwa8</i>	ENSMUSG00000058997	-0.973577962	7.01E-06
<i>Ncapg2</i>	ENSMUSG00000042029	1.836343999	7.06E-06
<i>Slc25a29</i>	ENSMUSG00000021265	-1.519509038	7.16E-06
<i>Pla2g5</i>	ENSMUSG00000041193	-1.26396327	7.16E-06
<i>Fcgr4</i>	ENSMUSG00000059089	1.989173394	7.17E-06
<i>Aldh5a1</i>	ENSMUSG00000035936	-1.298072821	7.17E-06
<i>Srxn1</i>	ENSMUSG00000032802	1.042810432	7.40E-06
<i>Serpinfl</i>	ENSMUSG00000000753	1.124034813	7.45E-06
<i>Enah</i>	ENSMUSG00000022995	0.847724523	7.51E-06

<i>Urah</i>	ENSMUSG00000025481	-4.732165114	7.74E-06
<i>Spc25</i>	ENSMUSG00000005233	2.264282555	7.80E-06
<i>Arhgef40</i>	ENSMUSG00000004562	0.930068744	7.89E-06
<i>Fbxo32</i>	ENSMUSG00000022358	-0.892567695	7.93E-06
<i>Rpl17-ps5</i>	ENSMUSG00000081855	1.145788966	7.98E-06
<i>A2m</i>	ENSMUSG00000030111	-2.360770548	8.08E-06
<i>Polq</i>	ENSMUSG00000034206	-2.067809166	8.08E-06
<i>Prox1</i>	ENSMUSG00000010175	-1.182078873	8.13E-06
<i>Ttc9</i>	ENSMUSG00000042734	1.56423955	8.30E-06
<i>Ankrd45</i>	ENSMUSG00000044835	-2.741415049	8.57E-06
<i>Serpinb6a</i>	ENSMUSG00000060147	0.816423095	8.82E-06
<i>Muc16</i>	ENSMUSG00000109564	-2.173683184	8.89E-06
<i>Prr7</i>	ENSMUSG00000034686	2.052441457	8.89E-06
<i>Antxr2</i>	ENSMUSG00000029338	-1.028056568	8.99E-06
<i>AC161607.1</i>	ENSMUSG00000116903	-2.054671129	8.99E-06
<i>Tmem141</i>	ENSMUSG00000026939	-1.091650086	8.99E-06
<i>Tbcd4</i>	ENSMUSG00000033083	-1.117287141	9.00E-06
<i>Acadsb</i>	ENSMUSG00000030861	-0.880877917	9.24E-06
<i>Mmab</i>	ENSMUSG00000029575	-1.196723219	9.38E-06
<i>Cdkn3</i>	ENSMUSG00000037628	2.379199984	9.48E-06
<i>Arf2</i>	ENSMUSG00000062421	0.883892745	9.52E-06
<i>Mmp23</i>	ENSMUSG00000029061	1.076199741	9.60E-06
<i>Art1</i>	ENSMUSG00000030996	-1.02657637	9.61E-06
<i>Arf4</i>	ENSMUSG00000021877	0.787282653	9.66E-06
<i>Ugp2</i>	ENSMUSG00000001891	1.024933624	9.69E-06
<i>Atf7ip</i>	ENSMUSG00000030213	-0.99017615	9.77E-06
<i>Cdc20</i>	ENSMUSG00000006398	2.016573601	1.00E-05
<i>Ctsz</i>	ENSMUSG00000016256	0.980331627	1.01E-05
<i>Dusp2</i>	ENSMUSG00000027368	2.66872359	1.02E-05
<i>Ncf2</i>	ENSMUSG00000026480	1.151888836	1.03E-05
<i>Ociad2</i>	ENSMUSG00000029153	-1.547386029	1.03E-05
<i>Art5</i>	ENSMUSG00000070424	-1.581138935	1.03E-05
<i>Upf3a</i>	ENSMUSG00000038398	0.96758053	1.03E-05
<i>Arpc4</i>	ENSMUSG00000079426	0.805036541	1.04E-05
<i>Mccc2</i>	ENSMUSG00000021646	-1.028401939	1.06E-05
<i>Map6</i>	ENSMUSG00000055407	1.51042179	1.08E-05
<i>Dbnl</i>	ENSMUSG00000020476	0.849506324	1.11E-05
<i>Kbtbd13</i>	ENSMUSG00000054978	-3.558188052	1.11E-05
<i>Srm</i>	ENSMUSG00000006442	0.905583732	1.11E-05
<i>Figf</i>	ENSMUSG00000075324	-2.31549876	1.13E-05

<i>Rack1</i>	ENSMUSG00000020372	0.767815291	1.14E-05
<i>Smco1</i>	ENSMUSG00000046345	-1.587713255	1.15E-05
<i>Rcn3</i>	ENSMUSG00000019539	1.041754327	1.17E-05
<i>Chrna2</i>	ENSMUSG00000022041	-2.584022339	1.19E-05
<i>Pkd2l2</i>	ENSMUSG00000014503	-1.75548522	1.20E-05
<i>Slamf9</i>	ENSMUSG00000026548	1.113646205	1.20E-05
<i>Zdhhc2</i>	ENSMUSG00000039470	1.372048554	1.21E-05
<i>Ccdc34</i>	ENSMUSG00000027160	1.234342357	1.23E-05
<i>4930453N24Rik</i>	ENSMUSG00000059920	0.84525965	1.24E-05
<i>Ddx50</i>	ENSMUSG00000020076	0.862454248	1.27E-05
<i>Tmbim1</i>	ENSMUSG00000006301	1.19741516	1.28E-05
<i>Tars</i>	ENSMUSG00000022241	0.860727785	1.28E-05
<i>Psmc13</i>	ENSMUSG00000025487	0.786994828	1.30E-05
<i>Gnb3</i>	ENSMUSG00000023439	-1.818104318	1.30E-05
<i>Gm17501</i>	ENSMUSG00000097183	2.09063089	1.30E-05
<i>Pdk4</i>	ENSMUSG00000019577	0.925992244	1.30E-05
<i>Tent5a</i>	ENSMUSG00000032265	1.014447898	1.31E-05
<i>Rgs4</i>	ENSMUSG00000038530	1.150388605	1.32E-05
<i>Hadhb</i>	ENSMUSG00000059447	-0.863533791	1.33E-05
<i>Gbel</i>	ENSMUSG00000022707	0.88892169	1.33E-05
<i>Psmc4</i>	ENSMUSG00000040850	-0.881287277	1.36E-05
<i>Fgf1</i>	ENSMUSG00000036585	-0.84547093	1.36E-05
<i>Ccl5</i>	ENSMUSG00000035042	2.998315146	1.39E-05
<i>Ccdc136</i>	ENSMUSG00000029769	2.02915275	1.40E-05
<i>Sugt1</i>	ENSMUSG00000022024	0.792604883	1.41E-05
<i>Rbm3-ps</i>	ENSMUSG00000099875	2.00498998	1.41E-05
<i>Arhgdib</i>	ENSMUSG00000030220	0.866222892	1.41E-05
<i>Eif4a-ps4</i>	ENSMUSG00000101188	0.948410705	1.42E-05
<i>Akap1</i>	ENSMUSG00000018428	-1.011910312	1.43E-05
<i>Mgst1</i>	ENSMUSG00000008540	-0.823950954	1.46E-05
<i>mt-Atp8</i>	ENSMUSG00000064356	-2.49934843	1.48E-05
<i>Chrm2</i>	ENSMUSG00000045613	-1.228110233	1.49E-05
<i>Mccc1</i>	ENSMUSG00000027709	-1.094579455	1.51E-05
<i>Kcnk2</i>	ENSMUSG00000037624	1.354823517	1.52E-05
<i>Det1</i>	ENSMUSG00000030610	-1.080541949	1.53E-05
<i>Wisp1</i>	ENSMUSG00000005124	2.643785372	1.53E-05
<i>Nsmf</i>	ENSMUSG00000006476	1.145595604	1.55E-05
<i>Angptl7</i>	ENSMUSG00000028989	1.654402865	1.55E-05
<i>Prkab1</i>	ENSMUSG00000029513	-0.996691199	1.56E-05
<i>Coll6a1</i>	ENSMUSG00000040690	1.310880065	1.59E-05

<i>Cotl1</i>	ENSMUSG00000031827	1.141160493	1.60E-05
<i>H3f3b</i>	ENSMUSG00000016559	0.834876333	1.62E-05
<i>Npdcc1</i>	ENSMUSG00000015094	0.963705353	1.63E-05
<i>Cidea</i>	ENSMUSG00000024526	0.861174926	1.66E-05
<i>Sobp</i>	ENSMUSG00000038248	-1.213106123	1.67E-05
<i>Cacna1s</i>	ENSMUSG00000026407	-1.885799481	1.67E-05
<i>Myh14</i>	ENSMUSG00000030739	-1.097042571	1.71E-05
<i>Lingo3</i>	ENSMUSG00000051067	-1.74338017	1.74E-05
<i>Nhs1l</i>	ENSMUSG00000039835	-1.353955573	1.76E-05
<i>Pcp4l1</i>	ENSMUSG00000038370	-1.105278807	1.84E-05
<i>Rnf149</i>	ENSMUSG00000048234	1.448107457	1.89E-05
<i>Rab15</i>	ENSMUSG00000021062	2.345807011	1.90E-05
<i>Gm13910</i>	ENSMUSG00000063684	-0.855304946	1.95E-05
<i>Epha4</i>	ENSMUSG00000026235	-1.698949181	1.96E-05
<i>Arhgef9</i>	ENSMUSG00000025656	-1.143229357	1.99E-05
<i>Snai3</i>	ENSMUSG0000006587	-2.037015042	1.99E-05
<i>Gm12167</i>	ENSMUSG00000085853	-2.544107035	2.01E-05
<i>Pdia4</i>	ENSMUSG00000025823	0.966134463	2.01E-05
<i>Ptgis</i>	ENSMUSG00000017969	0.948962716	2.02E-05
<i>Grb14</i>	ENSMUSG00000026888	-1.093338547	2.06E-05
<i>Zmym6</i>	ENSMUSG00000042408	-1.58836033	2.07E-05
<i>Il6st</i>	ENSMUSG00000021756	-0.820999481	2.10E-05
<i>SI00a4</i>	ENSMUSG00000001020	2.28746549	2.11E-05
<i>Map3k6</i>	ENSMUSG00000028862	1.086729604	2.13E-05
<i>Dlg2</i>	ENSMUSG00000052572	1.603224869	2.15E-05
<i>Rab12</i>	ENSMUSG00000023460	-0.725075259	2.18E-05
<i>H2-Aa</i>	ENSMUSG00000036594	1.045187439	2.18E-05
<i>Camk2g</i>	ENSMUSG00000021820	-0.995929728	2.20E-05
<i>Ndufb4</i>	ENSMUSG00000022820	-0.853806331	2.24E-05
<i>Scx</i>	ENSMUSG00000034161	1.215883451	2.25E-05
<i>Crybb1</i>	ENSMUSG00000029343	-2.27069208	2.29E-05
<i>Actn1</i>	ENSMUSG00000015143	1.071917258	2.29E-05
<i>Nol12</i>	ENSMUSG00000033099	0.960808572	2.30E-05
<i>Dmpk</i>	ENSMUSG00000030409	-0.863149993	2.31E-05
<i>Ccr7</i>	ENSMUSG00000037944	3.730833295	2.33E-05
<i>Dio3</i>	ENSMUSG00000075707	5.757495183	2.33E-05
<i>Fsd2</i>	ENSMUSG00000038663	-0.903666039	2.38E-05
<i>Kif22</i>	ENSMUSG00000030677	2.271624287	2.38E-05
<i>Cks2</i>	ENSMUSG00000062248	2.192445687	2.39E-05
<i>Snx7</i>	ENSMUSG00000028007	0.92097076	2.42E-05

<i>Pgm1</i>	ENSMUSG00000029171	1.160920678	2.42E-05
<i>Esm1</i>	ENSMUSG00000042379	3.597235783	2.42E-05
<i>Ogdh</i>	ENSMUSG00000020456	-0.910128034	2.45E-05
<i>Hs3st5</i>	ENSMUSG00000044499	-2.32700773	2.46E-05
<i>Tmem100</i>	ENSMUSG00000069763	1.114131856	2.48E-05
<i>Rmnd1</i>	ENSMUSG00000019763	-1.394623419	2.49E-05
<i>1500009L16Rik</i>	ENSMUSG00000087651	1.745244137	2.50E-05
<i>Irx4</i>	ENSMUSG00000021604	-1.13760894	2.54E-05
<i>Atp6v0a4</i>	ENSMUSG00000038600	2.707446108	2.55E-05
<i>Usp39</i>	ENSMUSG00000056305	0.92823482	2.56E-05
<i>Bub1b</i>	ENSMUSG00000040084	2.049703302	2.61E-05
<i>Actn4</i>	ENSMUSG00000054808	0.856694994	2.62E-05
<i>Esr1</i>	ENSMUSG00000019768	-7.269033491	2.73E-05
<i>Paqr9</i>	ENSMUSG00000064225	-1.000371855	2.75E-05
<i>Sat1</i>	ENSMUSG00000025283	0.941366578	2.78E-05
<i>Cemip</i>	ENSMUSG00000052353	6.866251091	2.81E-05
<i>Ranbp1</i>	ENSMUSG00000005732	1.016139942	2.83E-05
<i>Tnni3k</i>	ENSMUSG00000040086	-0.958877111	2.85E-05
<i>Fastk</i>	ENSMUSG00000028959	-0.850210517	2.86E-05
<i>Il6</i>	ENSMUSG00000025746	4.531344553	2.95E-05
<i>A530016L24Rik</i>	ENSMUSG00000043122	-1.081498026	2.99E-05
<i>mt-Nd2</i>	ENSMUSG00000064345	-1.142796124	2.99E-05
<i>Abat</i>	ENSMUSG00000057880	-1.373875704	3.01E-05
<i>Mme</i>	ENSMUSG00000027820	-1.5561673	3.01E-05
<i>Htra3</i>	ENSMUSG00000029096	-0.746493364	3.03E-05
<i>Arhgap20</i>	ENSMUSG00000053199	-1.399667673	3.06E-05
<i>Armc2</i>	ENSMUSG00000071324	-1.455121631	3.23E-05
<i>Creb3</i>	ENSMUSG00000028466	0.834075539	3.38E-05
<i>Ldhb</i>	ENSMUSG00000030246	-0.847516515	3.38E-05
<i>Ap3s1</i>	ENSMUSG00000024480	0.97582356	3.39E-05
<i>Tspo</i>	ENSMUSG00000041736	1.169018098	3.44E-05
<i>Rtn2</i>	ENSMUSG00000030401	-1.088627295	3.47E-05
<i>Tnfrsf10</i>	ENSMUSG00000039304	-1.253019177	3.50E-05
<i>Itga5</i>	ENSMUSG00000000555	0.943488062	3.50E-05
<i>Asb2</i>	ENSMUSG00000021200	-0.990198446	3.52E-05
<i>Cpt2</i>	ENSMUSG00000028607	-1.020655591	3.54E-05
<i>Irx3</i>	ENSMUSG00000031734	-0.98892592	3.55E-05
<i>Cct6a</i>	ENSMUSG00000029447	0.728027756	3.59E-05
<i>Cxcr6</i>	ENSMUSG00000048521	2.967830317	3.60E-05
<i>Spag5</i>	ENSMUSG00000002055	3.017422173	3.61E-05

<i>Adralb</i>	ENSMUSG00000050541	-1.302048765	3.61E-05
<i>Ctf1</i>	ENSMUSG00000042340	-1.7960565	3.63E-05
<i>Mtch1</i>	ENSMUSG00000024012	0.835350849	3.67E-05
<i>Ufm1</i>	ENSMUSG00000027746	0.85306856	3.70E-05
<i>Lig1</i>	ENSMUSG00000056394	1.207799015	3.71E-05
<i>Adam11</i>	ENSMUSG00000020926	-1.721931217	3.71E-05
<i>Dhrs11</i>	ENSMUSG00000034449	-0.819654272	3.75E-05
<i>Set</i>	ENSMUSG00000054766	0.8417092	3.81E-05
<i>Slc20a2</i>	ENSMUSG00000037656	-0.93306099	3.81E-05
<i>E2f1</i>	ENSMUSG00000027490	1.599715519	3.85E-05
<i>Smarcd1</i>	ENSMUSG00000023018	-1.057888152	3.87E-05
<i>Rpl12</i>	ENSMUSG00000038900	0.868899895	3.92E-05
<i>Actr3b</i>	ENSMUSG00000056367	-1.145843887	4.09E-05
<i>Nox4</i>	ENSMUSG00000030562	1.866410387	4.09E-05
<i>Sema3f</i>	ENSMUSG00000034684	0.991296099	4.09E-05
<i>Chic2</i>	ENSMUSG00000029229	0.919562298	4.09E-05
<i>Igfbp3</i>	ENSMUSG00000020427	-1.139152327	4.13E-05
<i>Rbm20</i>	ENSMUSG00000043639	-1.093998606	4.15E-05
<i>Gem</i>	ENSMUSG00000028214	1.480143375	4.15E-05
<i>Eef1e1</i>	ENSMUSG00000001707	0.869597969	4.16E-05
<i>Fech</i>	ENSMUSG00000024588	-0.733470059	4.18E-05
<i>Yaeld1</i>	ENSMUSG00000075054	-0.926999656	4.23E-05
<i>Gpihbp1</i>	ENSMUSG00000022579	0.979806221	4.26E-05
<i>Pank1</i>	ENSMUSG00000033610	-1.112156216	4.29E-05
<i>Csrnp1</i>	ENSMUSG00000032515	1.143864141	4.30E-05
<i>Matn2</i>	ENSMUSG00000022324	0.93757951	4.30E-05
<i>Dap</i>	ENSMUSG00000039168	1.060761224	4.45E-05
<i>Lrp8</i>	ENSMUSG00000028613	3.076927513	4.48E-05
<i>Mtpn</i>	ENSMUSG00000029840	0.7409373	4.50E-05
<i>Cct5</i>	ENSMUSG00000022234	0.789970885	4.54E-05
<i>Pdia3</i>	ENSMUSG00000027248	0.814069588	4.55E-05
<i>Myo5b</i>	ENSMUSG00000025885	-1.07591838	4.57E-05
<i>Cmpk1</i>	ENSMUSG00000028719	0.729331642	4.57E-05
<i>Il34</i>	ENSMUSG00000031750	1.736196194	4.60E-05
<i>Cyb5r3</i>	ENSMUSG00000018042	0.908778077	4.61E-05
<i>Ky</i>	ENSMUSG00000035606	-2.113931589	4.61E-05
<i>Srpx2</i>	ENSMUSG00000031253	1.217986039	4.62E-05
<i>Tgfbr3</i>	ENSMUSG00000029287	-0.872295846	4.71E-05
<i>Gm13339</i>	ENSMUSG00000082884	-2.612873165	4.74E-05
<i>Nuf2</i>	ENSMUSG00000026683	2.544415342	4.91E-05

<i>Cnn2</i>	ENSMUSG00000004665	0.774194332	4.92E-05
<i>Gnb1</i>	ENSMUSG00000029064	0.743748783	4.92E-05
<i>Lyve1</i>	ENSMUSG00000030787	0.923114282	4.94E-05
<i>Fcrls</i>	ENSMUSG00000015852	1.042470331	5.00E-05
<i>Dpysl3</i>	ENSMUSG00000024501	1.202522954	5.06E-05
<i>Abca12</i>	ENSMUSG00000050296	-2.468894466	5.11E-05
<i>Rgma</i>	ENSMUSG00000070509	-1.062393229	5.16E-05
<i>Iqsec1</i>	ENSMUSG00000034312	-1.010783788	5.16E-05
<i>Lmnbl</i>	ENSMUSG00000024590	1.459715437	5.18E-05
<i>Ppp1r3d</i>	ENSMUSG00000049999	-1.261594712	5.23E-05
<i>Fbln5</i>	ENSMUSG00000021186	1.028560124	5.23E-05
<i>Ubr2</i>	ENSMUSG00000023977	-0.891046088	5.27E-05
<i>Eif3d</i>	ENSMUSG00000016554	0.794490993	5.32E-05
<i>Hax1</i>	ENSMUSG00000027944	0.833813715	5.33E-05
<i>Slmap</i>	ENSMUSG00000021870	0.772173167	5.35E-05
<i>Dcun1d2</i>	ENSMUSG00000038506	-0.966239249	5.41E-05
<i>Rpl10a</i>	ENSMUSG00000037805	0.857995927	5.43E-05
<i>Hbb-bt</i>	ENSMUSG00000073940	1.197178887	5.44E-05
<i>Anxa13</i>	ENSMUSG00000055114	-2.786714981	5.45E-05
<i>Palld</i>	ENSMUSG00000058056	-0.799675206	5.46E-05
<i>Tkt</i>	ENSMUSG00000021957	1.004203743	5.46E-05
<i>Has1</i>	ENSMUSG00000003665	3.837181116	5.46E-05
<i>Map1b</i>	ENSMUSG00000052727	1.411116985	5.52E-05
<i>Mpped2</i>	ENSMUSG00000016386	-0.98067986	5.54E-05
<i>Bax</i>	ENSMUSG00000003873	1.089503608	5.59E-05
<i>Pcdh19</i>	ENSMUSG00000051323	1.210946192	5.62E-05
<i>AA414768</i>	ENSMUSG00000083307	1.654516139	5.62E-05
<i>Txndc5</i>	ENSMUSG00000038991	0.881548729	5.69E-05
<i>Mmp15</i>	ENSMUSG00000031790	-1.118266179	5.77E-05
<i>Sdha</i>	ENSMUSG00000021577	-0.746425645	5.80E-05
<i>Adamts1</i>	ENSMUSG00000022893	0.984573992	5.81E-05
<i>Dio2</i>	ENSMUSG00000007682	3.635128179	5.81E-05
<i>Baspl</i>	ENSMUSG00000045763	1.264249279	5.81E-05
<i>Gm40604</i>	ENSMUSG00000112800	-2.594640939	5.87E-05
<i>Rpl6</i>	ENSMUSG00000029614	0.731350539	5.98E-05
<i>Cxcl16</i>	ENSMUSG00000018920	1.128028466	6.00E-05
<i>Rps16-ps2</i>	ENSMUSG00000060419	0.879807144	6.04E-05
<i>Pcolce</i>	ENSMUSG00000029718	0.846899143	6.05E-05
<i>Actr2</i>	ENSMUSG00000020152	0.782201953	6.09E-05
<i>Lsm14b</i>	ENSMUSG00000039108	-0.855055459	6.11E-05

<i>Nans</i>	ENSMUSG00000028334	0.886230727	6.14E-05
<i>Cdc42</i>	ENSMUSG00000006699	0.658514014	6.16E-05
<i>Rrp12</i>	ENSMUSG000000035049	1.206615847	6.16E-05
<i>Fbxo3l</i>	ENSMUSG000000052934	-0.894989711	6.19E-05
<i>Tes</i>	ENSMUSG000000029552	1.221804024	6.21E-05
<i>Casp3</i>	ENSMUSG000000031628	1.214705603	6.26E-05
<i>Anp32b</i>	ENSMUSG000000028333	0.753289197	6.26E-05
<i>Mfn2</i>	ENSMUSG000000029020	-0.888859823	6.29E-05
<i>Rps3</i>	ENSMUSG000000030744	0.744403445	6.33E-05
<i>Lix1</i>	ENSMUSG000000047786	-1.817311568	6.35E-05
<i>Ubxn1</i>	ENSMUSG000000071655	0.709328967	6.35E-05
<i>Marcks1l</i>	ENSMUSG000000047945	1.203000975	6.35E-05
<i>Sh3rf2</i>	ENSMUSG000000057719	-1.371037349	6.35E-05
<i>Ssr1</i>	ENSMUSG000000021427	0.784347935	6.48E-05
<i>Sec61b</i>	ENSMUSG000000053317	1.136801215	6.49E-05
<i>1700123M08Rik</i>	ENSMUSG000000085614	-1.5601323	6.53E-05
<i>Dele1</i>	ENSMUSG000000024442	-0.861700341	6.56E-05
<i>Vegfa</i>	ENSMUSG000000023951	0.775302173	6.58E-05
<i>Clec4n</i>	ENSMUSG000000023349	1.229335879	6.58E-05
<i>Auh</i>	ENSMUSG000000021460	-0.79811363	6.59E-05
<i>Arrdc3</i>	ENSMUSG000000074794	0.840312534	6.60E-05
<i>Gm6472</i>	ENSMUSG000000095597	0.826009687	6.69E-05
<i>Sdc4</i>	ENSMUSG000000017009	0.895973419	6.75E-05
<i>mt-Co3</i>	ENSMUSG000000064358	-2.192615357	6.79E-05
<i>AI662270</i>	ENSMUSG000000087107	1.694658366	6.86E-05
<i>Foxo4</i>	ENSMUSG000000042903	-0.830457396	7.06E-05
<i>Nek2</i>	ENSMUSG000000026622	2.787118381	7.08E-05
<i>Mir22hg</i>	ENSMUSG000000085148	1.28101779	7.10E-05
<i>Dnal4</i>	ENSMUSG000000022420	-0.923171237	7.11E-05
<i>Crlf2</i>	ENSMUSG000000033467	0.992785293	7.16E-05
<i>Nostrin</i>	ENSMUSG000000034738	1.339164421	7.16E-05
<i>Tnfaip8l1</i>	ENSMUSG000000044469	1.66480778	7.16E-05
<i>Acox1</i>	ENSMUSG000000020777	-0.766342238	7.18E-05
<i>Pygm</i>	ENSMUSG000000032648	-0.986421496	7.20E-05
<i>Esrrg</i>	ENSMUSG000000026610	-1.24361538	7.23E-05
<i>Ak4</i>	ENSMUSG000000028527	0.794324011	7.28E-05
<i>Psmb10</i>	ENSMUSG000000031897	0.866422125	7.30E-05
<i>Slc36a2</i>	ENSMUSG000000020264	-1.680849306	7.30E-05
<i>Sdc1</i>	ENSMUSG000000020592	1.145699644	7.48E-05
<i>Atf5</i>	ENSMUSG000000038539	0.780420286	7.50E-05

<i>Slc3a2</i>	ENSMUSG00000010095	0.824211271	7.51E-05
<i>Bcas1</i>	ENSMUSG00000013523	3.491613105	7.60E-05
<i>Asb18</i>	ENSMUSG00000067081	-1.289875759	7.63E-05
<i>Leng8</i>	ENSMUSG00000035545	-1.243145311	7.69E-05
<i>Trim55</i>	ENSMUSG00000060913	-0.764555649	7.74E-05
<i>Fam131a</i>	ENSMUSG00000050821	-1.138318769	7.74E-05
<i>Frem1</i>	ENSMUSG00000059049	2.502355246	7.83E-05
<i>Kif4</i>	ENSMUSG00000034311	2.342330785	8.04E-05
<i>Slc27a1</i>	ENSMUSG00000031808	-0.865631252	8.04E-05
<i>Ppib</i>	ENSMUSG00000032383	0.883266026	8.04E-05
<i>AI506816</i>	ENSMUSG00000105987	1.12017342	8.09E-05
<i>Mrps34</i>	ENSMUSG00000038880	0.723727808	8.10E-05
<i>mt-Tm</i>	ENSMUSG00000064344	-2.363755057	8.26E-05
<i>H2-T22</i>	ENSMUSG00000056116	0.814404995	8.29E-05
<i>Hibadh</i>	ENSMUSG00000029776	-0.802364755	8.51E-05
<i>Npm1</i>	ENSMUSG00000057113	0.765391834	8.52E-05
<i>Edem1</i>	ENSMUSG00000030104	0.898575858	8.54E-05
<i>L2hgdh</i>	ENSMUSG00000020988	-0.990232504	8.59E-05
<i>Nubp1</i>	ENSMUSG00000022503	1.06770218	8.67E-05
<i>Fitm2</i>	ENSMUSG00000048486	-0.918844762	8.67E-05
<i>mt-Nd5</i>	ENSMUSG00000064367	-1.145512901	8.69E-05
<i>Col6a3</i>	ENSMUSG00000048126	0.954494112	8.69E-05
<i>Asb10</i>	ENSMUSG00000038204	-0.949914111	8.87E-05
<i>Adam15</i>	ENSMUSG00000028041	0.826110171	8.94E-05
<i>Glpr1</i>	ENSMUSG00000056888	1.791520777	9.01E-05
<i>Cxcr4</i>	ENSMUSG00000045382	1.685998187	9.04E-05
<i>Ftl1</i>	ENSMUSG00000050708	0.778677718	9.11E-05
<i>Cks1b</i>	ENSMUSG00000028044	1.311450392	9.13E-05
<i>Ninj1</i>	ENSMUSG00000037966	0.699219979	9.24E-05
<i>Ctsk</i>	ENSMUSG00000028111	1.117524439	9.40E-05
<i>Zfp30</i>	ENSMUSG00000047473	-1.25754888	9.43E-05
<i>Tent5b</i>	ENSMUSG00000046694	2.22113418	9.56E-05
<i>Ell2</i>	ENSMUSG00000001542	0.994864886	9.60E-05
<i>Slc22a3</i>	ENSMUSG00000023828	-1.836470718	9.64E-05
<i>Hsd17b7</i>	ENSMUSG00000026675	-1.442163041	9.74E-05
<i>Kcnv2</i>	ENSMUSG00000047298	-2.312093364	9.74E-05
<i>Aox3</i>	ENSMUSG00000064294	-2.594162935	9.74E-05
<i>Lrrc8a</i>	ENSMUSG00000007476	0.953560263	9.86E-05
<i>Ddah2</i>	ENSMUSG00000007039	0.822942817	9.91E-05
<i>Map7</i>	ENSMUSG00000019996	-1.076724288	9.96E-05

<i>Gm826</i>	ENSMUSG00000074623	-1.854150746	9.99E-05
<i>Ssu2</i>	ENSMUSG00000034387	1.744520428	0.000100979
<i>Pamr1</i>	ENSMUSG00000027188	1.442207684	0.000101479
<i>Nudt6</i>	ENSMUSG00000050174	-1.305114648	0.000102303
<i>Smim8</i>	ENSMUSG00000028295	-0.77796519	0.0001024
<i>Galm</i>	ENSMUSG00000035473	-1.052715333	0.0001024
<i>Dnajb4</i>	ENSMUSG00000028035	0.799668691	0.000102672
<i>Acad11</i>	ENSMUSG00000090150	-1.084732814	0.000102971
<i>AC105304.1</i>	ENSMUSG00000117110	6.174955464	0.000103248
<i>Dera</i>	ENSMUSG00000030225	1.141257288	0.000105357
<i>Cdv3</i>	ENSMUSG00000032803	0.73861362	0.000106376
<i>Cnst</i>	ENSMUSG00000038949	-1.091648775	0.000108248
<i>Tcf19</i>	ENSMUSG00000050410	1.454493961	0.000108248
<i>Cst6</i>	ENSMUSG00000024846	1.537354611	0.000109393
<i>Chd6</i>	ENSMUSG00000057133	-1.129539479	0.000110687
<i>Bcat2</i>	ENSMUSG00000030826	-0.854118049	0.000111356
<i>Per3</i>	ENSMUSG00000028957	-0.997192104	0.000111797
<i>Aldh1b1</i>	ENSMUSG00000035561	-1.166657249	0.000112397
<i>Nt5c3</i>	ENSMUSG00000029780	-0.744316174	0.000112615
<i>Sdcbp</i>	ENSMUSG00000028249	0.68030449	0.000112781
<i>Synpo2</i>	ENSMUSG00000050315	-0.872030496	0.000112781
<i>Upp1</i>	ENSMUSG00000020407	1.348758602	0.000112869
<i>Klhl21</i>	ENSMUSG00000073700	-0.939146967	0.000113385
<i>Lum</i>	ENSMUSG00000036446	0.762133301	0.00011352
<i>Gm14005</i>	ENSMUSG00000074813	1.743756839	0.00011352
<i>Gm48882</i>	ENSMUSG00000112593	-1.544659664	0.000113753
<i>Mapre1</i>	ENSMUSG00000027479	0.727685037	0.000114064
<i>Plekhh3</i>	ENSMUSG00000035172	-0.988397449	0.000114064
<i>Ywhaz</i>	ENSMUSG00000022285	0.699675293	0.000114403
<i>Slc10a6</i>	ENSMUSG00000029321	1.367200475	0.000114763
<i>Crispld1</i>	ENSMUSG00000025776	2.078403359	0.000115859
<i>Delk1</i>	ENSMUSG00000027797	1.27304377	0.000115859
<i>1810014B01Rik</i>	ENSMUSG00000097412	-1.331894755	0.000116234
<i>Cd14</i>	ENSMUSG00000051439	0.95973642	0.00011691
<i>Fbxo21</i>	ENSMUSG00000032898	-0.947688909	0.00011691
<i>Ankrd23</i>	ENSMUSG00000067653	1.187870943	0.000117977
<i>AI464131</i>	ENSMUSG00000046312	-1.477775898	0.000117977
<i>Uxs1</i>	ENSMUSG00000057363	1.004221926	0.000119455
<i>Wnk4</i>	ENSMUSG00000035112	-1.463317934	0.000119809
<i>Nrg2</i>	ENSMUSG00000060275	-2.630951901	0.000119844

<i>Fam78a</i>	ENSMUSG00000050592	-1.124255008	0.000120153
<i>Tmem263</i>	ENSMUSG00000060935	0.96480215	0.000120584
<i>Slc25a38</i>	ENSMUSG00000032519	-0.869125597	0.000122088
<i>Ndc80</i>	ENSMUSG00000024056	2.423154708	0.000122273
<i>Sergef</i>	ENSMUSG00000030839	1.245257306	0.000122273
<i>Gm15972</i>	ENSMUSG00000086287	-2.073687742	0.000122508
<i>Rpl7</i>	ENSMUSG00000043716	0.732676341	0.000123232
<i>Hist2h2be</i>	ENSMUSG00000068854	-1.354971961	0.000124167
<i>Numa1</i>	ENSMUSG00000066306	-0.797316904	0.000124746
<i>Ccne2</i>	ENSMUSG00000028212	1.429812172	0.00012482
<i>R3hdm2</i>	ENSMUSG00000025404	-0.840435036	0.00012482
<i>Trim59</i>	ENSMUSG00000034317	1.342907783	0.000126783
<i>Tagln2</i>	ENSMUSG00000026547	0.954159223	0.000126924
<i>Ism1</i>	ENSMUSG00000074766	1.672658909	0.000128065
<i>F2r</i>	ENSMUSG00000048376	0.915997412	0.000128451
<i>Pcmt2</i>	ENSMUSG00000027589	-0.849265634	0.000128451
<i>Itgav</i>	ENSMUSG00000027087	1.030798434	0.000128451
<i>Mybl1</i>	ENSMUSG00000025912	2.380384328	0.000128692
<i>Gng11</i>	ENSMUSG00000032766	0.922982781	0.000128692
<i>Slc25a13</i>	ENSMUSG00000015112	-0.916356827	0.000129146
<i>Edn1</i>	ENSMUSG00000021367	1.497376085	0.00013157
<i>Cebpg</i>	ENSMUSG00000056216	0.91684615	0.000132187
<i>Isg15</i>	ENSMUSG00000035692	1.159210154	0.000133968
<i>Fcgr3</i>	ENSMUSG00000059498	1.041077436	0.000134132
<i>Axin2</i>	ENSMUSG00000000142	-2.07183498	0.000134132
<i>Tcp1l12</i>	ENSMUSG00000020034	-0.981214793	0.000134187
<i>Pam</i>	ENSMUSG00000026335	0.764379723	0.000135689
<i>Yipf7</i>	ENSMUSG00000029158	-0.997783466	0.000138131
<i>Chaer1</i>	ENSMUSG00000106783	-4.791012668	0.000139023
<i>Grhl2</i>	ENSMUSG00000022286	-3.948260681	0.000139023
<i>Slc39a6</i>	ENSMUSG00000024270	1.382031966	0.000140086
<i>Fmn13</i>	ENSMUSG00000023008	0.899832997	0.000140086
<i>Cul9</i>	ENSMUSG00000040327	-0.97988309	0.00014023
<i>Adamts7</i>	ENSMUSG00000032363	-1.606884184	0.000140521
<i>Nsa2</i>	ENSMUSG00000060739	0.754882961	0.000140561
<i>B4galnt1</i>	ENSMUSG00000006731	2.236516517	0.000141619
<i>Fgd4</i>	ENSMUSG00000022788	-1.106356871	0.000142268
<i>Wdr1</i>	ENSMUSG00000005103	0.692222334	0.000143472
<i>Rnf207</i>	ENSMUSG00000058498	-1.151991286	0.000143472
<i>Nip7</i>	ENSMUSG00000031917	0.868193244	0.000145477

<i>Ecsr</i>	ENSMUSG00000073599	0.916766728	0.000146147
<i>Slc25a16</i>	ENSMUSG00000071253	-0.833230489	0.000148845
<i>Ccl17</i>	ENSMUSG00000031780	3.710638489	0.000149288
<i>F830016B08Rik</i>	ENSMUSG00000090942	-2.209342938	0.000150275
<i>Bean1</i>	ENSMUSG00000031872	2.018438196	0.000150275
<i>Rps5</i>	ENSMUSG00000012848	0.748254965	0.000151536
<i>Gm10156</i>	ENSMUSG00000066245	1.733016287	0.000151536
<i>Strip2</i>	ENSMUSG00000039629	-0.886836007	0.000151845
<i>Gm6377</i>	ENSMUSG00000048621	2.49656776	0.000152214
<i>Rrm1</i>	ENSMUSG00000030978	0.998165288	0.000153266
<i>Mylk4</i>	ENSMUSG00000044951	-1.252804454	0.000153322
<i>Aldoa</i>	ENSMUSG00000030695	0.79919769	0.000154398
<i>Lama5</i>	ENSMUSG00000015647	-1.094295776	0.000154488
<i>Tmed3</i>	ENSMUSG00000032353	0.827032169	0.000154702
<i>Gm9780</i>	ENSMUSG00000094800	1.700214932	0.000154702
<i>Ifi30</i>	ENSMUSG00000031838	1.114396586	0.000154702
<i>Drg1</i>	ENSMUSG00000020457	0.683105647	0.000154702
<i>Gpr176</i>	ENSMUSG00000040133	3.403658604	0.000154702
<i>Mgat2</i>	ENSMUSG00000043998	0.754830272	0.000157822
<i>Exoc5</i>	ENSMUSG00000061244	0.843070037	0.000159033
<i>Ift122</i>	ENSMUSG00000030323	1.122071062	0.000159532
<i>Kif13a</i>	ENSMUSG00000021375	-0.851981253	0.000159717
<i>Sh2b1</i>	ENSMUSG00000030733	-0.826373575	0.000160527
<i>Nt5c</i>	ENSMUSG00000020736	1.049244777	0.000161262
<i>P4hb</i>	ENSMUSG00000025130	0.87033207	0.000161262
<i>Nfs1</i>	ENSMUSG00000027618	-0.741319823	0.000161262
<i>Oas1a</i>	ENSMUSG00000052776	1.063757395	0.000162011
<i>Arhgdia</i>	ENSMUSG00000025132	0.726678269	0.000162242
<i>Lmtk2</i>	ENSMUSG00000038970	-1.21176516	0.000162882
<i>Rpl24</i>	ENSMUSG00000098274	1.153350314	0.000163063
<i>Rnh1</i>	ENSMUSG00000038650	0.742654696	0.000163258
<i>Echs1</i>	ENSMUSG00000025465	-0.771113442	0.000163779
<i>Myl9</i>	ENSMUSG00000067818	0.975365785	0.000164303
<i>Wwtr1</i>	ENSMUSG00000027803	0.725845511	0.000164779
<i>H2afx</i>	ENSMUSG00000049932	1.021756577	0.000166453
<i>Gm47985</i>	ENSMUSG00000114212	2.546883876	0.000166614
<i>Gm19277</i>	ENSMUSG00000115924	-1.974154043	0.000167209
<i>Cntn5</i>	ENSMUSG00000039488	-3.374525907	0.000169941
<i>Lgr6</i>	ENSMUSG00000042793	-1.310044826	0.00017165
<i>Gzmm</i>	ENSMUSG00000054206	-1.298100391	0.000173287

<i>Gm27252</i>	ENSMUSG00000098708	-2.101748683	0.000173287
<i>Camta2</i>	ENSMUSG00000040712	-0.797479434	0.000174688
<i>2010111101Rik</i>	ENSMUSG00000021458	0.829764294	0.000175195
<i>Esco2</i>	ENSMUSG00000022034	2.862116432	0.000175644
<i>Rras</i>	ENSMUSG00000038387	0.836933427	0.000176266
<i>Rpl17-ps3</i>	ENSMUSG00000113948	0.711833545	0.000176266
<i>Epb41l3</i>	ENSMUSG00000024044	-1.546288962	0.000176878
<i>Gm35177</i>	ENSMUSG00000110922	-6.429040425	0.000177386
<i>9-Sep</i>	ENSMUSG00000059248	0.755976197	0.000177386
<i>Pts</i>	ENSMUSG00000032067	-0.834189968	0.000177386
<i>Lmo4</i>	ENSMUSG00000028266	0.734589636	0.000177386
<i>Msn</i>	ENSMUSG00000031207	0.799553541	0.000177386
<i>Dtl</i>	ENSMUSG00000037474	2.706604493	0.000180376
<i>Shisa4</i>	ENSMUSG00000041889	1.17966289	0.000180376
<i>Neat1</i>	ENSMUSG00000092274	-1.151454303	0.000181984
<i>Aldh1a1</i>	ENSMUSG00000053279	0.964640861	0.000185192
<i>Atp6ap2</i>	ENSMUSG00000031007	0.842076768	0.000186203
<i>Gpr155</i>	ENSMUSG00000041762	-1.32876739	0.000189622
<i>Rcc2</i>	ENSMUSG00000040945	0.876741319	0.000189798
<i>Rras2</i>	ENSMUSG00000055723	0.76401495	0.000189934
<i>Ddc</i>	ENSMUSG00000020182	-1.38250219	0.000191508
<i>Mir99ahg</i>	ENSMUSG00000090386	1.1102693	0.000192667
<i>Zfp46</i>	ENSMUSG00000051351	-1.027056956	0.000193753
<i>Pccb</i>	ENSMUSG00000032527	-0.698652862	0.000195815
<i>H2-DMa</i>	ENSMUSG00000037649	1.100925746	0.000196625
<i>Rrm2b</i>	ENSMUSG00000022292	-0.817929696	0.000196805
<i>Cc2d2a</i>	ENSMUSG00000039765	-1.122445661	0.000196984
<i>Gm15543</i>	ENSMUSG00000086863	-1.228508435	0.00019774
<i>Phyh</i>	ENSMUSG00000026664	-0.836723264	0.00019792
<i>Oxsm</i>	ENSMUSG00000021786	-0.924668801	0.000199967
<i>Gm13680</i>	ENSMUSG00000081400	1.044522345	0.000203116
<i>Arpc2</i>	ENSMUSG00000006304	0.672567384	0.000203481
<i>Mphosph10</i>	ENSMUSG00000030521	0.892693029	0.00020419
<i>Pum3</i>	ENSMUSG00000041360	0.773830198	0.000204605
<i>Apbb1</i>	ENSMUSG00000037032	-0.905188291	0.000204899
<i>Cluh</i>	ENSMUSG00000020741	-0.804196519	0.000204902
<i>Prkar1a</i>	ENSMUSG00000020612	0.621586336	0.000206102
<i>Hmgn3</i>	ENSMUSG00000066456	1.245901226	0.000206102
<i>Fam117b</i>	ENSMUSG00000041040	0.876595231	0.000206585
<i>Gid4</i>	ENSMUSG00000018415	-0.726585791	0.000209714

<i>Aplp2</i>	ENSMUSG00000031996	-0.726345216	0.000210175
<i>Gm8430</i>	ENSMUSG00000055093	1.074004178	0.000210175
<i>Emilin1</i>	ENSMUSG00000029163	0.799660093	0.000211184
<i>3425401B19Rik</i>	ENSMUSG00000071540	-1.148710484	0.000215128
<i>Cd72</i>	ENSMUSG00000028459	1.777472908	0.000215314
<i>Rpl19</i>	ENSMUSG00000017404	0.715816201	0.000215499
<i>Fn3k</i>	ENSMUSG00000025175	-0.977813005	0.000215516
<i>Dpp4</i>	ENSMUSG00000035000	-0.975539117	0.000217099
<i>1700025G04Rik</i>	ENSMUSG00000032666	0.788062319	0.000218142
<i>Fam114a1</i>	ENSMUSG00000029185	0.893863756	0.00021981
<i>Piezo2</i>	ENSMUSG00000041482	2.34241978	0.000219982
<i>Tbrg1</i>	ENSMUSG00000011114	0.807751257	0.000220928
<i>Pea15a</i>	ENSMUSG00000013698	0.712824257	0.000221491
<i>Nbl1</i>	ENSMUSG00000041120	0.827594761	0.000223625
<i>Hectd4</i>	ENSMUSG00000042744	-1.323369635	0.000223707
<i>Pde2a</i>	ENSMUSG00000110195	-2.460329707	0.000223853
<i>Nfkb2</i>	ENSMUSG00000025225	0.875363676	0.000224136
<i>Tceal1</i>	ENSMUSG00000033813	0.814236001	0.000224136
<i>Mvp</i>	ENSMUSG00000030681	0.811059052	0.000229252
<i>Bcl2a1d</i>	ENSMUSG00000099974	2.47385179	0.00023614
<i>Ier5</i>	ENSMUSG00000056708	1.178234042	0.00023614
<i>Cep55</i>	ENSMUSG00000024989	2.106963168	0.000236381
<i>Skal</i>	ENSMUSG00000036223	2.939008556	0.000236986
<i>Osbpl1a</i>	ENSMUSG00000044252	-0.786046678	0.000238155
<i>Runx3</i>	ENSMUSG00000070691	2.527166412	0.000238313
<i>Gm36377</i>	ENSMUSG00000113909	6.333989748	0.000238673
<i>Ch25h</i>	ENSMUSG00000050370	2.261355686	0.000239183
<i>Crat</i>	ENSMUSG00000026853	-0.876036392	0.00023971
<i>Smim19</i>	ENSMUSG00000031534	-0.790869136	0.00024107
<i>Cope</i>	ENSMUSG00000055681	0.673991768	0.000242024
<i>Bgn</i>	ENSMUSG00000031375	0.877221011	0.000242024
<i>Prnp</i>	ENSMUSG00000079037	0.685726585	0.000242398
<i>Arfgap3</i>	ENSMUSG00000054277	1.08586968	0.000243569
<i>Fam162a</i>	ENSMUSG00000003955	0.874928041	0.000244213
<i>Fam129b</i>	ENSMUSG00000026796	0.720263432	0.000244797
<i>Oplah</i>	ENSMUSG00000022562	-0.835767828	0.000244797
<i>Map3k4</i>	ENSMUSG00000014426	-0.881797639	0.000244797
<i>Twfl</i>	ENSMUSG00000022451	0.830535821	0.00024495
<i>Phkg1</i>	ENSMUSG00000025537	-1.594751257	0.00024495
<i>Gpr137c</i>	ENSMUSG00000049092	-1.766008063	0.00024495

<i>Tlr4</i>	ENSMUSG00000039005	0.954075891	0.00024495
<i>Fam107a</i>	ENSMUSG00000021750	1.184025232	0.000247396
<i>Cmss1</i>	ENSMUSG00000022748	-1.115170298	0.000247796
<i>Garem2</i>	ENSMUSG00000044576	5.972407883	0.000249558
<i>Setd1b</i>	ENSMUSG00000038384	-1.296920375	0.000249558
<i>Gm45670</i>	ENSMUSG00000109635	-1.041440929	0.000258956
<i>Atxn10</i>	ENSMUSG00000016541	0.93295456	0.000258956
<i>Mcee</i>	ENSMUSG00000033429	-0.787805686	0.000258956
<i>Hcn4</i>	ENSMUSG00000032338	-2.108816201	0.000259326
<i>Tnmd</i>	ENSMUSG00000031250	5.92033147	0.000262712
<i>Rit1</i>	ENSMUSG00000028057	-0.749251877	0.000264111
<i>Klrb1a</i>	ENSMUSG00000030361	6.386504613	0.000264722
<i>Zfp445</i>	ENSMUSG00000047036	-0.832882631	0.000265248
<i>E030044B06Rik</i>	ENSMUSG00000097740	-6.358287039	0.000267475
<i>Pkm</i>	ENSMUSG00000032294	0.748617133	0.000267575
<i>Gm14097</i>	ENSMUSG00000084839	-2.534896431	0.000267575
<i>Bola3</i>	ENSMUSG00000045160	-0.958485386	0.000267575
<i>Tbc1d16</i>	ENSMUSG00000039976	-1.031882917	0.00026813
<i>Myrf</i>	ENSMUSG00000036098	-1.394853591	0.000269673
<i>Nufip1</i>	ENSMUSG00000022009	1.077829776	0.000270091
<i>Nsun2</i>	ENSMUSG00000021595	0.800139024	0.000271507
<i>Lockd</i>	ENSMUSG00000098318	3.106664873	0.000271963
<i>Gm9892</i>	ENSMUSG00000052825	0.939809863	0.000271963
<i>Ice1</i>	ENSMUSG00000034525	-0.925559404	0.000271963
<i>Coq2</i>	ENSMUSG00000029319	-0.755241183	0.000274267
<i>Tmem150c</i>	ENSMUSG00000050640	-1.782753709	0.000275712
<i>Wdr75</i>	ENSMUSG00000025995	0.845581168	0.000275712
<i>Pcna</i>	ENSMUSG00000027342	0.797275072	0.000278766
<i>Efemp1</i>	ENSMUSG00000020467	-1.130966568	0.000278766
<i>Thsd4</i>	ENSMUSG00000032289	-1.530076277	0.000282864
<i>Mcm3</i>	ENSMUSG00000041859	1.095857146	0.000286209
<i>Dixdc1</i>	ENSMUSG00000032064	-1.756193466	0.000286727
<i>Hbb-bs</i>	ENSMUSG00000052305	1.083686857	0.000288823
<i>Gramd4</i>	ENSMUSG00000035900	-0.89073047	0.000289878
<i>Abhd17a</i>	ENSMUSG00000003346	0.678777784	0.000290331
<i>Castor1</i>	ENSMUSG00000020424	1.109594661	0.000290331
<i>4921504A21Rik</i>	ENSMUSG00000097626	-2.010676943	0.000294264
<i>Dus4l</i>	ENSMUSG00000020648	-1.318177976	0.000294264
<i>Dcaf4</i>	ENSMUSG00000021222	-1.058004159	0.000296342
<i>Ptges3</i>	ENSMUSG00000071072	0.759355093	0.000296897

<i>Ltbp1</i>	ENSMUSG00000001870	-0.765683293	0.000297105
<i>Dnajc2</i>	ENSMUSG00000029014	0.741902366	0.000298202
<i>Col15a1</i>	ENSMUSG00000028339	0.816323656	0.000298804
<i>Rps15a</i>	ENSMUSG00000008683	0.684323226	0.000300563
<i>Eef1b2</i>	ENSMUSG00000025967	0.674231027	0.000301515
<i>Gm11382</i>	ENSMUSG00000074973	5.223035374	0.000304235
<i>Ech1</i>	ENSMUSG00000053898	-0.761446562	0.000305527
<i>E330011O21Rik</i>	ENSMUSG00000109841	-1.709267938	0.000305981
<i>Lamb2</i>	ENSMUSG00000052911	-0.736344169	0.000307686
<i>Gm44386</i>	ENSMUSG00000107689	-1.107953053	0.000308423
<i>Pex11a</i>	ENSMUSG00000030545	-0.956794126	0.000308683
<i>Gca</i>	ENSMUSG00000026893	-1.039771637	0.000311298
<i>Blcap</i>	ENSMUSG00000067787	-0.841421988	0.000311381
<i>Spire1</i>	ENSMUSG00000024533	1.243020878	0.000313017
<i>Lynx1</i>	ENSMUSG00000022594	-0.758795346	0.000313585
<i>Adss</i>	ENSMUSG00000015961	0.926058961	0.000313682
<i>P2ry6</i>	ENSMUSG00000048779	0.909072134	0.000314661
<i>Agpat4</i>	ENSMUSG00000023827	1.113208064	0.000315115
<i>Tnni3</i>	ENSMUSG00000035458	-0.748180094	0.000320933
<i>Coll4a1</i>	ENSMUSG00000022371	1.039547653	0.000321484
<i>Cd24a</i>	ENSMUSG00000047139	1.337707972	0.000323449
<i>Grk5</i>	ENSMUSG00000003228	0.866141393	0.000323584
<i>Brcal</i>	ENSMUSG00000017146	2.716505542	0.000325365
<i>Nadk2</i>	ENSMUSG00000022253	-0.789781309	0.000326058
<i>Dclre1b</i>	ENSMUSG00000027845	1.252176753	0.000326058
<i>Heyl</i>	ENSMUSG00000032744	1.040418874	0.000326058
<i>Tgfb2</i>	ENSMUSG00000039239	1.161424085	0.000326064
<i>Aida</i>	ENSMUSG00000042901	0.764429269	0.000327698
<i>Ccl6</i>	ENSMUSG00000018927	0.976986274	0.000330605
<i>Tacc2</i>	ENSMUSG00000030852	-0.739548022	0.000331078
<i>Ramp3</i>	ENSMUSG00000041046	1.202683583	0.000333032
<i>Ablim1</i>	ENSMUSG00000025085	-0.733672669	0.000337157
<i>Cdnf</i>	ENSMUSG00000039496	-1.210373947	0.000337205
<i>Arhgap11a</i>	ENSMUSG00000041219	1.45909038	0.000337743
<i>Rps26</i>	ENSMUSG00000025362	0.81885312	0.000338098
<i>Rdm1</i>	ENSMUSG00000010362	-0.824530705	0.000344204
<i>Scgb1c1</i>	ENSMUSG00000038801	-1.258528038	0.000346587
<i>Rab3a</i>	ENSMUSG00000031840	-1.005731182	0.000348844
<i>Rpl5</i>	ENSMUSG00000058558	0.669531474	0.000354693
<i>Mrgprh</i>	ENSMUSG00000059408	-2.418006509	0.000357271

<i>Ttn</i>	ENSMUSG00000051747	-0.906550604	0.00036022
<i>Tpd52</i>	ENSMUSG00000027506	0.892520119	0.00036022
<i>Mcrip1</i>	ENSMUSG00000061111	0.7969228	0.00036167
<i>Ass1</i>	ENSMUSG00000076441	1.320969019	0.000361886
<i>Spta1</i>	ENSMUSG00000026532	-1.100969323	0.000362243
<i>Trim47</i>	ENSMUSG00000020773	0.830078266	0.000363609
<i>Itih5</i>	ENSMUSG00000025780	1.16991427	0.000365012
<i>Ddah1</i>	ENSMUSG00000028194	2.478770614	0.000367647
<i>Xbp1</i>	ENSMUSG00000020484	0.74727034	0.000367674
<i>Adi1</i>	ENSMUSG00000020629	-0.88030003	0.000370578
<i>Dusp1</i>	ENSMUSG00000024190	0.977680826	0.000370618
<i>mt-Nd4l</i>	ENSMUSG00000065947	-2.903296435	0.000371757
<i>Lpcat2</i>	ENSMUSG00000033192	1.57433145	0.000371757
<i>D10Jhu81e</i>	ENSMUSG00000053329	-0.881365161	0.000375308
<i>Gnai3</i>	ENSMUSG00000000001	0.703741621	0.000375308
<i>Clu</i>	ENSMUSG00000022037	-0.722626929	0.000383291
<i>H2-DMb1</i>	ENSMUSG00000079547	1.179390822	0.000387753
<i>Melk</i>	ENSMUSG00000035683	2.782945927	0.00038845
<i>Vegfb</i>	ENSMUSG00000024962	-0.598271996	0.000391488
<i>Arell</i>	ENSMUSG00000042350	-1.111788349	0.000391488
<i>Tef</i>	ENSMUSG00000022389	-0.677214465	0.000391763
<i>Suox</i>	ENSMUSG00000049858	-1.104365874	0.000392681
<i>Mpv17</i>	ENSMUSG00000107283	-0.706085174	0.000397716
<i>Stat5a</i>	ENSMUSG00000004043	-0.961274781	0.00039827
<i>Erp29</i>	ENSMUSG00000029616	0.703495438	0.000403179
<i>Ttk</i>	ENSMUSG00000038379	4.03711512	0.000403931
<i>Kif5b</i>	ENSMUSG00000006740	0.630939969	0.000404279
<i>Gm13456</i>	ENSMUSG00000082536	1.120715491	0.000404279
<i>Kctd11</i>	ENSMUSG00000046731	1.150664126	0.000404279
<i>Slc11a1</i>	ENSMUSG00000026177	0.977812705	0.000410106
<i>Nudt5</i>	ENSMUSG00000025817	0.936796254	0.000410686
<i>Frmd5</i>	ENSMUSG00000027238	0.77851802	0.00041221
<i>6430710C18Rik</i>	ENSMUSG00000085427	-5.8571592	0.000415315
<i>Acads</i>	ENSMUSG00000029545	-0.773438081	0.000416672
<i>Dusp3</i>	ENSMUSG00000003518	0.755976017	0.000416962
<i>Atp1a2</i>	ENSMUSG00000007097	-1.104746788	0.000418605
<i>Bak1</i>	ENSMUSG00000057789	0.792979957	0.000418605
<i>Ostn</i>	ENSMUSG00000052276	6.188176022	0.000418748
<i>Raf1</i>	ENSMUSG00000000441	-0.899105756	0.000419355
<i>Snta1</i>	ENSMUSG00000027488	0.842397067	0.000422016

<i>Hsd17b10</i>	ENSMUSG00000025260	-0.636670174	0.000422016
<i>Mipep</i>	ENSMUSG00000021993	-0.67570873	0.000426332
<i>Pcx</i>	ENSMUSG00000024892	-0.869376811	0.000426332
<i>Fitm1</i>	ENSMUSG00000022215	-1.104305872	0.000426332
<i>Gap43</i>	ENSMUSG00000047261	2.319482887	0.000427504
<i>Macf1</i>	ENSMUSG00000028649	-0.725908603	0.000429035
<i>Myzap</i>	ENSMUSG00000041361	-0.622676484	0.000432837
<i>Peg13</i>	ENSMUSG00000106847	-0.859440608	0.000433531
<i>Mdfic</i>	ENSMUSG00000041390	0.824403004	0.000433531
<i>Sort1</i>	ENSMUSG00000068747	-1.079925075	0.000435347
<i>Slc46a3</i>	ENSMUSG00000029650	-1.072292167	0.000435557
<i>Ckb</i>	ENSMUSG00000001270	0.791920214	0.000440762
<i>Acaa2</i>	ENSMUSG00000036880	-0.824465558	0.000447429
<i>Osgepl1</i>	ENSMUSG00000026096	-0.896659618	0.000451259
<i>Huwe1</i>	ENSMUSG00000025261	-0.888761559	0.000452448
<i>Gm34934</i>	ENSMUSG00000115100	-1.202524097	0.000460464
<i>Ccbe1</i>	ENSMUSG00000046318	-1.123748305	0.000465985
<i>Art3</i>	ENSMUSG00000034842	-0.7872147	0.00046714
<i>Pthr1</i>	ENSMUSG00000053746	1.406416489	0.000476592
<i>Cmtm8</i>	ENSMUSG00000041012	-1.100397376	0.000482335
<i>Aes</i>	ENSMUSG00000054452	-0.61463961	0.000482335
<i>Etf1</i>	ENSMUSG00000024360	0.667818358	0.000482595
<i>Gabbr2</i>	ENSMUSG00000023267	-2.951621502	0.000483208
<i>Dgat2</i>	ENSMUSG00000030747	-0.818834106	0.000484138
<i>Nxn</i>	ENSMUSG00000020844	0.858101503	0.000485147
<i>Serbp1</i>	ENSMUSG00000036371	0.654999561	0.00048576
<i>Trabd2b</i>	ENSMUSG00000070867	-0.880499513	0.000487583
<i>Ddt</i>	ENSMUSG00000001666	-1.008514023	0.000488372
<i>Mydgf</i>	ENSMUSG00000019579	0.780348467	0.000488466
<i>Naa50</i>	ENSMUSG00000022698	0.657240124	0.000491131
<i>Btf3</i>	ENSMUSG00000021660	0.614693979	0.000491234
<i>Lifr</i>	ENSMUSG00000054263	-0.741763581	0.000494147
<i>Rars</i>	ENSMUSG00000018848	0.798713787	0.000495539
<i>Pfkm</i>	ENSMUSG00000033065	-0.808105264	0.000499982
<i>Mapk14</i>	ENSMUSG00000053436	-0.741130409	0.000501136
<i>Phc2</i>	ENSMUSG00000028796	0.701376982	0.000501136
<i>Mgarp</i>	ENSMUSG00000037161	2.659923844	0.000502031
<i>Gab1</i>	ENSMUSG00000031714	-0.815944281	0.000509517
<i>Dapk3</i>	ENSMUSG00000034974	0.696495248	0.000509517
<i>Cnmd</i>	ENSMUSG00000022025	-1.834222436	0.000509517

<i>Gm15500</i>	ENSMUSG00000086583	0.774503557	0.000509743
<i>Abhd17b</i>	ENSMUSG00000047368	0.836506266	0.000517605
<i>Gm12960</i>	ENSMUSG00000100514	1.107472809	0.000517767
<i>Nme4</i>	ENSMUSG00000024177	-1.190744379	0.000518084
<i>Hook1</i>	ENSMUSG00000028572	-1.123102752	0.000518911
<i>Nras</i>	ENSMUSG00000027852	0.788997234	0.000519727
<i>Adra1a</i>	ENSMUSG00000045875	-1.590394032	0.000519727
<i>Atp6v0d1</i>	ENSMUSG00000013160	0.643207734	0.000519727
<i>Cstb</i>	ENSMUSG00000005054	0.956366427	0.000527598
<i>Gm28437</i>	ENSMUSG00000101111	-1.058482884	0.000531501
<i>Hfe2</i>	ENSMUSG00000038403	-0.848489327	0.000531909
<i>Bche</i>	ENSMUSG00000027792	-1.092460206	0.000533651
<i>2210408F21Rik</i>	ENSMUSG00000087380	-1.085923673	0.000533651
<i>Saysd1</i>	ENSMUSG00000045107	0.878283907	0.000535208
<i>Cd74</i>	ENSMUSG00000024610	0.758394223	0.000542435
<i>Ptgr1</i>	ENSMUSG00000028378	1.058955926	0.000545236
<i>Igfbp4</i>	ENSMUSG00000017493	0.665805477	0.000547057
<i>Crlf1</i>	ENSMUSG00000007888	4.287227391	0.000550081
<i>Sec31b</i>	ENSMUSG00000051984	-1.732824823	0.000551339
<i>Galk1</i>	ENSMUSG00000020766	0.797163637	0.000551995
<i>St3gal5</i>	ENSMUSG00000056091	-0.875718232	0.000551995
<i>Tead2</i>	ENSMUSG00000030796	0.986076371	0.000554189
<i>Stra6</i>	ENSMUSG00000032327	-2.365328192	0.000554189
<i>Crebrf</i>	ENSMUSG00000048249	-0.79360851	0.000554778
<i>Ugdh</i>	ENSMUSG00000029201	0.893733773	0.000567666
<i>Tuba1c</i>	ENSMUSG00000043091	0.808802919	0.000569446
<i>Ubqln4</i>	ENSMUSG00000008604	-0.684042087	0.000571979
<i>Rab5c</i>	ENSMUSG00000019173	0.656147352	0.000572297
<i>Aurkb</i>	ENSMUSG00000020897	2.442037608	0.000572603
<i>Tnnt2</i>	ENSMUSG00000026414	-0.554251711	0.000572603
<i>Tgfbr1</i>	ENSMUSG00000007613	0.9967037	0.000574634
<i>Rps10-ps2</i>	ENSMUSG00000099764	0.672899736	0.00057611
<i>Gnb4</i>	ENSMUSG00000027669	0.89187788	0.00057657
<i>Plk4</i>	ENSMUSG00000025758	1.295173932	0.000581556
<i>Atp5g2</i>	ENSMUSG00000062683	-0.663567022	0.00058293
<i>Eml2</i>	ENSMUSG00000040811	-0.862513644	0.000584664
<i>Adam12</i>	ENSMUSG00000054555	3.210275572	0.000592973
<i>Cdca8</i>	ENSMUSG00000028873	2.02943011	0.000594957
<i>Slc20a1</i>	ENSMUSG00000027397	1.047144995	0.000595324
<i>Hnrnpa1</i>	ENSMUSG00000046434	0.650957093	0.000596047

<i>Amotl2</i>	ENSMUSG00000032531	-0.76446308	0.000597296
<i>Rasl10b</i>	ENSMUSG00000020684	-0.85035819	0.000599551
<i>Gm14327</i>	ENSMUSG00000074521	-0.981971509	0.000599815
<i>Osbpl8</i>	ENSMUSG00000020189	-0.71054343	0.000602915
<i>Thrb</i>	ENSMUSG00000021779	-1.118562563	0.000603078
<i>Mrto4</i>	ENSMUSG00000028741	0.787800509	0.000604879
<i>B230110C06Rik</i>	ENSMUSG00000097547	-1.783285037	0.000605242
<i>Gm5637</i>	ENSMUSG00000046993	1.264639339	0.000605302
<i>Wdte1</i>	ENSMUSG00000037622	-0.768496393	0.000606327
<i>Dsp</i>	ENSMUSG00000054889	-0.921668445	0.000608888
<i>Gm9385</i>	ENSMUSG00000080848	1.003945883	0.000611734
<i>Adcy9</i>	ENSMUSG00000005580	-1.823398199	0.000615003
<i>Gm4739</i>	ENSMUSG00000112808	2.0077201	0.000617053
<i>Hhipl1</i>	ENSMUSG00000021260	1.280281106	0.000617053
<i>Ywhaq</i>	ENSMUSG00000076432	0.720288413	0.000617053
<i>Sspn</i>	ENSMUSG00000030255	-0.717960814	0.000617053
<i>Decr1</i>	ENSMUSG00000028223	-0.655534191	0.000626734
<i>Map3k5</i>	ENSMUSG00000071369	-0.955279279	0.000626734
<i>Ssr2</i>	ENSMUSG00000041355	0.702823559	0.000633837
<i>Rps8</i>	ENSMUSG00000047675	0.681583328	0.000633837
<i>Slc25a26</i>	ENSMUSG00000045100	-1.053227268	0.000638076
<i>Col6a1</i>	ENSMUSG00000001119	0.684657499	0.000638076
<i>Prmt1</i>	ENSMUSG00000109324	0.628357106	0.000640448
<i>Amigo2</i>	ENSMUSG00000048218	-0.975352562	0.000642948
<i>Nsun4</i>	ENSMUSG00000028706	-0.789931314	0.000643747
<i>Fads3</i>	ENSMUSG00000024664	0.965751907	0.000644133
<i>Ripor2</i>	ENSMUSG00000036006	-1.116947217	0.000644916
<i>Entpd4b</i>	ENSMUSG00000022066	-4.518676003	0.000651654
<i>Opal</i>	ENSMUSG00000038084	-0.702782249	0.000651654
<i>Bcl2l11</i>	ENSMUSG00000027381	-1.09786291	0.000652474
<i>Gm3646</i>	ENSMUSG00000091937	-1.276925653	0.000661146
<i>Dip2b</i>	ENSMUSG00000023026	-0.888907973	0.000661146
<i>Kctd12</i>	ENSMUSG00000098557	0.912545293	0.000662341
<i>Tinagl1</i>	ENSMUSG00000028776	0.842275014	0.000663836
<i>Cited2</i>	ENSMUSG00000039910	-0.7022771	0.000663871
<i>Rcn1</i>	ENSMUSG00000005973	0.69984554	0.000666352
<i>Ccdc86</i>	ENSMUSG00000024732	0.881598761	0.000666659
<i>Sfn9</i>	ENSMUSG00000069793	1.337780947	0.000667442
<i>Hsd11b1</i>	ENSMUSG00000016194	-1.077729786	0.000669001
<i>Gm32255</i>	ENSMUSG00000112120	6.24548188	0.000669128

<i>Slc45a3</i>	ENSMUSG00000026435	1.035992003	0.000678814
<i>Srpk3</i>	ENSMUSG00000002007	-0.837138437	0.000678814
<i>Tmem151a</i>	ENSMUSG000000061451	-1.324000751	0.000682244
<i>Bzw1</i>	ENSMUSG000000051223	0.631141501	0.000685674
<i>Acer2</i>	ENSMUSG000000038007	-0.760824926	0.000685681
<i>Prodh</i>	ENSMUSG00000003526	-0.935661706	0.000686768
<i>Nop14</i>	ENSMUSG000000036693	0.875273117	0.000689044
<i>Ipo4</i>	ENSMUSG00000002319	0.802337523	0.000689289
<i>Ncl</i>	ENSMUSG000000026234	0.689104513	0.000689289
<i>Tmem37</i>	ENSMUSG000000050777	0.951734898	0.000689289
<i>Tmf1</i>	ENSMUSG000000030059	0.856873578	0.000692952
<i>Chpf</i>	ENSMUSG000000032997	0.782531234	0.000699294
<i>4933431K23Rik</i>	ENSMUSG000000086451	-1.382440266	0.000700632
<i>Akip1</i>	ENSMUSG000000031023	0.86800718	0.000705593
<i>Zfp36</i>	ENSMUSG000000044786	0.923126588	0.000709504
<i>Lrrc59</i>	ENSMUSG000000020869	0.895454605	0.000709896
<i>Pes1</i>	ENSMUSG000000020430	0.71932661	0.000712484
<i>Rbm7</i>	ENSMUSG000000042396	0.691504614	0.000714693
<i>Rpl4</i>	ENSMUSG000000032399	0.691815175	0.000722951
<i>Rad51ap1</i>	ENSMUSG000000030346	1.806750333	0.000725171
<i>Fbxl5</i>	ENSMUSG000000039753	-0.64070929	0.00072573
<i>Tspan4</i>	ENSMUSG000000025511	0.656694903	0.000729642
<i>Tpt1-ps3</i>	ENSMUSG000000084319	0.645433901	0.000736126
<i>Ptpn2</i>	ENSMUSG000000024539	0.764000253	0.000737553
<i>Mllt11</i>	ENSMUSG000000053192	0.866314769	0.000737553
<i>Wdr43</i>	ENSMUSG000000041057	0.771960976	0.000739971
<i>Pik3c2b</i>	ENSMUSG000000026447	-0.906710768	0.000741655
<i>Cd28</i>	ENSMUSG000000026012	-2.047524239	0.000742016
<i>Gzmk</i>	ENSMUSG000000042385	6.197349732	0.000744554
<i>Cdip1</i>	ENSMUSG000000004071	-0.717953569	0.00074467
<i>Mvb12a</i>	ENSMUSG000000031813	0.714173574	0.000746169
<i>Ddo</i>	ENSMUSG000000063428	-0.824268739	0.000747054
<i>Ywhah</i>	ENSMUSG000000018965	0.653884827	0.000750028
<i>Dcaf12l1</i>	ENSMUSG000000045284	-1.535196883	0.000755307
<i>CN725425</i>	ENSMUSG000000078932	-3.314084355	0.000760701
<i>Syne2</i>	ENSMUSG000000063450	-0.913820486	0.000761118
<i>2310061I04Rik</i>	ENSMUSG000000050705	-0.833540195	0.000761629
<i>Dennd4b</i>	ENSMUSG000000042404	-0.889897397	0.000766287
<i>Arhgef19</i>	ENSMUSG000000028919	-0.817480742	0.000772443
<i>Ccl11</i>	ENSMUSG000000020676	-1.899440068	0.000777802

<i>Rhob</i>	ENSMUSG00000054364	0.646873373	0.000781387
<i>Rpl17-ps10</i>	ENSMUSG00000081895	0.787909324	0.000791775
<i>Carns1</i>	ENSMUSG00000075289	-1.146964882	0.000791775
<i>Cebpb</i>	ENSMUSG00000056501	0.962714726	0.000791775
<i>Ackr2</i>	ENSMUSG00000044534	1.310402143	0.000792677
<i>Gm44220</i>	ENSMUSG00000107655	-2.041903606	0.000792677
<i>Igdcc4</i>	ENSMUSG00000032816	-1.179853997	0.000792677
<i>Dpyd</i>	ENSMUSG00000033308	-1.133089618	0.000798035
<i>Rpl26</i>	ENSMUSG00000060938	0.678803248	0.000801061
<i>Trp53bp1</i>	ENSMUSG00000043909	-0.994669252	0.000814536
<i>Cdc25c</i>	ENSMUSG00000044201	4.274952589	0.000815251
<i>Rbl2</i>	ENSMUSG00000031666	-0.843519264	0.000817339
<i>Epm2a</i>	ENSMUSG00000055493	-0.795889566	0.000819271
<i>Kntc1</i>	ENSMUSG00000029414	3.210968984	0.000826757
<i>Efnb3</i>	ENSMUSG00000003934	-2.729343078	0.000836266
<i>Gas2</i>	ENSMUSG00000030498	1.135148087	0.000837839
<i>Pdlim7</i>	ENSMUSG00000021493	0.752715046	0.000838753
<i>Cox6a2</i>	ENSMUSG00000030785	-0.75369274	0.000839324
<i>Gm9843</i>	ENSMUSG00000050299	0.847307762	0.000846977
<i>Serpini1</i>	ENSMUSG00000027834	1.387789281	0.000846977
<i>Serpina3i</i>	ENSMUSG00000079014	2.658266307	0.000847157
<i>Gm12751</i>	ENSMUSG00000062554	0.867792739	0.000848317
<i>Gstm6</i>	ENSMUSG00000068762	-2.199371288	0.000849211
<i>Omd</i>	ENSMUSG00000048368	1.255417814	0.000850235
<i>Calu</i>	ENSMUSG00000029767	0.59837872	0.000850235
<i>1700066B17Rik</i>	ENSMUSG00000101634	-6.18576287	0.000853418
<i>Gigyf1</i>	ENSMUSG00000029714	-1.040557676	0.000856633
<i>Il10rb</i>	ENSMUSG00000022969	-0.682544978	0.000864283
<i>Dpysl2</i>	ENSMUSG00000022048	0.950085579	0.000865728
<i>Tmem237</i>	ENSMUSG00000038079	1.12886864	0.000867201
<i>Adamts9</i>	ENSMUSG00000030022	1.289158891	0.000870869
<i>Cndp2</i>	ENSMUSG00000024644	0.695174388	0.000890344
<i>Bcor</i>	ENSMUSG00000040363	-0.798193765	0.000893807
<i>Cx3cl1</i>	ENSMUSG00000031778	1.238693125	0.000895289
<i>Cdt1</i>	ENSMUSG00000006585	1.555965797	0.000904322
<i>Slc26a6</i>	ENSMUSG00000023259	-1.157151682	0.000907547
<i>Ghr</i>	ENSMUSG00000055737	-0.642134932	0.000907902
<i>Irgm2</i>	ENSMUSG00000069874	-0.919134265	0.000910118
<i>Pym1</i>	ENSMUSG00000064030	0.871385358	0.000914505
<i>Abcc8</i>	ENSMUSG00000040136	-0.831736586	0.000915672

<i>Ctsa</i>	ENSMUSG00000017760	0.719032954	0.000915672
<i>Fkbp14</i>	ENSMUSG00000038074	0.854974151	0.000915672
<i>Scarf2</i>	ENSMUSG00000012017	1.016674215	0.000915672
<i>Ncapg</i>	ENSMUSG00000015880	2.349484229	0.00091647
<i>Gpm6a</i>	ENSMUSG00000031517	-0.697805669	0.00091647
<i>Fkbp4</i>	ENSMUSG00000030357	-0.93571143	0.000917202
<i>0610025J13Rik</i>	ENSMUSG00000046683	-2.449838125	0.00091744
<i>Uchl1</i>	ENSMUSG00000029223	1.096434049	0.000917912
<i>Scn4b</i>	ENSMUSG00000046480	-2.846668085	0.000920106
<i>Nudcd2</i>	ENSMUSG00000020328	0.745934586	0.000920603
<i>Mis18bp1</i>	ENSMUSG00000047534	2.525461744	0.000925697
<i>Bop1</i>	ENSMUSG00000022557	0.723107927	0.000929255
<i>Pxmp4</i>	ENSMUSG00000000876	-0.812223208	0.000936181
<i>Gm48483</i>	ENSMUSG00000111318	-2.873006923	0.000940052
<i>Rpl7a</i>	ENSMUSG00000062647	0.699419828	0.000940396
<i>Cd63-ps</i>	ENSMUSG00000085939	0.949996381	0.00094379
<i>Spdl1</i>	ENSMUSG00000069910	2.966011046	0.00094379
<i>Hba-a1</i>	ENSMUSG00000069919	1.053543442	0.000944371
<i>Gm28438</i>	ENSMUSG00000101939	-3.496378458	0.000946628
<i>F2rl1</i>	ENSMUSG00000021678	2.11390853	0.000946628
<i>Tmem63b</i>	ENSMUSG00000036026	-0.903631976	0.000950841
<i>Hdac9</i>	ENSMUSG00000004698	-1.060397137	0.000952622
<i>Tnip1</i>	ENSMUSG00000020400	0.923222763	0.000959597
<i>Thumpd3</i>	ENSMUSG00000030264	0.764370644	0.000960547
<i>Rab13</i>	ENSMUSG00000027935	1.080009546	0.000974303
<i>Arl6ip1</i>	ENSMUSG00000030654	0.692582835	0.000977649
<i>Ntan1</i>	ENSMUSG00000022681	0.675644197	0.000977664
<i>Tmem25</i>	ENSMUSG00000002032	-1.160779661	0.000979384
<i>Gm11899</i>	ENSMUSG00000087399	-2.027075533	0.00098408
<i>Oxld1</i>	ENSMUSG00000039670	-0.815669839	0.000988572
<i>Fbxw9</i>	ENSMUSG00000008167	1.331607951	0.00099152
<i>Smg6</i>	ENSMUSG00000038290	-0.898398837	0.000991787
<i>Ppp1r3a</i>	ENSMUSG00000042717	-0.790368781	0.00100233
<i>Nucb2</i>	ENSMUSG00000030659	0.866442047	0.001016271
<i>Comtd1</i>	ENSMUSG00000021773	1.751589768	0.001017096
<i>Npc2</i>	ENSMUSG00000021242	0.768807087	0.001018708
<i>BC023105</i>	ENSMUSG00000063388	-2.133477658	0.001027514
<i>Phlpp1</i>	ENSMUSG00000044340	-0.980724431	0.00104124
<i>Pde3a</i>	ENSMUSG00000041741	-0.794291636	0.001041286
<i>Pde4dip</i>	ENSMUSG00000038170	-0.817716042	0.001043736

<i>Thoc6</i>	ENSMUSG00000041319	0.946241006	0.001048174
<i>Gm9493</i>	ENSMUSG00000044424	0.994306645	0.001056697
<i>Oxr1</i>	ENSMUSG00000022307	-0.637235895	0.001058663
<i>Ppil1</i>	ENSMUSG00000024007	-0.901676619	0.001069443
<i>Neol</i>	ENSMUSG00000032340	-0.857796785	0.001073037
<i>Slco5a1</i>	ENSMUSG00000025938	-1.479539222	0.001075603
<i>Mgl2</i>	ENSMUSG00000040950	-1.203780273	0.00107625
<i>Tlr7</i>	ENSMUSG00000044583	1.029824526	0.001078569
<i>Nudt12</i>	ENSMUSG00000024228	-1.074539742	0.001081735
<i>Pik3r1</i>	ENSMUSG00000041417	-0.776336007	0.001084974
<i>Clec18a</i>	ENSMUSG00000033633	-3.781448994	0.001087689
<i>Ppp2r3a</i>	ENSMUSG00000043154	-0.785966955	0.001087689
<i>Klhl23</i>	ENSMUSG00000042155	-0.969431836	0.00109029
<i>Gm17251</i>	ENSMUSG00000090952	-1.887525106	0.001093923
<i>2900076A07Rik</i>	ENSMUSG00000097277	-1.221695828	0.001102112
<i>Rpl8</i>	ENSMUSG00000003970	0.567214572	0.001103792
<i>Ikbip</i>	ENSMUSG00000019975	0.743144072	0.001104728
<i>Fam185a</i>	ENSMUSG00000047221	-0.912697428	0.001105476
<i>Trip13</i>	ENSMUSG00000021569	1.949471405	0.001105631
<i>Pptc7</i>	ENSMUSG00000038582	-0.889156957	0.001105917
<i>Sox12</i>	ENSMUSG00000051817	-0.901826147	0.001107394
<i>Zfyve26</i>	ENSMUSG00000066440	-1.267781892	0.001107394
<i>Gm13341</i>	ENSMUSG00000083863	-1.368820284	0.001107394
<i>Enc1</i>	ENSMUSG00000041773	1.05531106	0.001108073
<i>Cnot6</i>	ENSMUSG00000020362	0.708771192	0.001110728
<i>Coll8a1</i>	ENSMUSG00000001435	1.001179643	0.001111441
<i>Cacnb3</i>	ENSMUSG00000003352	1.323406446	0.001111441
<i>Ripor1</i>	ENSMUSG00000038604	-0.682606882	0.001111441
<i>Ppp1r12b</i>	ENSMUSG00000073557	-0.893323129	0.001120535
<i>Firre</i>	ENSMUSG00000085396	-1.247263647	0.001128658
<i>Camk2b</i>	ENSMUSG00000057897	-1.074842563	0.001138546
<i>Gm5069</i>	ENSMUSG00000055676	-2.019397523	0.0011483
<i>Dvl3</i>	ENSMUSG00000003233	-0.806182403	0.001158463
<i>Sri</i>	ENSMUSG00000003161	0.653209692	0.001159764
<i>Atg101</i>	ENSMUSG00000037204	0.871594836	0.001162084
<i>Tpcn1</i>	ENSMUSG00000032741	-0.697369218	0.001167394
<i>Creg1</i>	ENSMUSG00000040713	-0.629557251	0.001167394
<i>Tmem201</i>	ENSMUSG00000044700	-0.738451626	0.001168322
<i>Kcnq1</i>	ENSMUSG00000009545	-0.934815657	0.001180797
<i>Oxct1</i>	ENSMUSG00000022186	-0.761204381	0.001187423

<i>Osbp16</i>	ENSMUSG00000042359	-1.190333221	0.001189264
<i>4833412C05Rik</i>	ENSMUSG00000097697	3.149782282	0.001200201
<i>A4galt</i>	ENSMUSG00000047878	0.870065617	0.001200201
<i>Traip</i>	ENSMUSG00000032586	2.069819255	0.001202952
<i>Atp8a1</i>	ENSMUSG00000037685	-0.85898948	0.001205405
<i>Nkd2</i>	ENSMUSG00000021567	1.581666942	0.001213253
<i>Siah2</i>	ENSMUSG00000036432	0.901389441	0.00121691
<i>Psmc11</i>	ENSMUSG00000017428	0.667212163	0.001221548
<i>Vkorc1</i>	ENSMUSG00000096145	1.400708593	0.001222673
<i>Nek6</i>	ENSMUSG00000026749	1.121597695	0.001223391
<i>Jam2</i>	ENSMUSG00000053062	-0.638110974	0.001223391
<i>Ddx21</i>	ENSMUSG00000020075	0.734724922	0.001224446
<i>Smg5</i>	ENSMUSG00000001415	-0.649999022	0.001227439
<i>Vldlr</i>	ENSMUSG00000024924	-0.870126327	0.001228658
<i>Mapk1ip1</i>	ENSMUSG00000041775	-0.947853745	0.001238286
<i>Hecw2</i>	ENSMUSG00000042807	1.073487906	0.001239528
<i>Ucp2</i>	ENSMUSG00000033685	0.637508237	0.001242462
<i>Gm33016</i>	ENSMUSG00000113278	-5.56993038	0.001242462
<i>Mcf2l</i>	ENSMUSG00000031442	0.910389852	0.00124709
<i>Dapp1</i>	ENSMUSG00000028159	-0.998877536	0.001254827
<i>Eda2r</i>	ENSMUSG00000034457	1.086493658	0.001257694
<i>Klrb1b</i>	ENSMUSG00000079298	3.848183139	0.001260408
<i>Myh6</i>	ENSMUSG00000040752	-0.991428815	0.001260408
<i>Slamf7</i>	ENSMUSG00000038179	2.061142916	0.00126259
<i>Lpxn</i>	ENSMUSG00000024696	1.29341031	0.00126785
<i>Rab32</i>	ENSMUSG00000019832	1.134954603	0.001267976
<i>Gm9761</i>	ENSMUSG00000034437	1.201179665	0.001268445
<i>Nuak1</i>	ENSMUSG00000020032	0.705586296	0.001273756
<i>Dhrs4</i>	ENSMUSG00000022210	-0.710035325	0.001282516
<i>Rai2</i>	ENSMUSG00000043518	-0.72169745	0.001284474
<i>Fgf13</i>	ENSMUSG00000031137	-0.872284874	0.001306632
<i>Pdpm</i>	ENSMUSG00000028583	0.8958609	0.001319459
<i>Rtn4ip1</i>	ENSMUSG00000019864	-0.932475252	0.001329999
<i>Siae</i>	ENSMUSG00000001942	-0.946185844	0.001333879
<i>Nudt18</i>	ENSMUSG00000045211	0.753825634	0.001334036
<i>Ifi204</i>	ENSMUSG00000073489	0.753299552	0.001336706
<i>Pald1</i>	ENSMUSG00000020092	0.788980758	0.001339844
<i>Gm14681</i>	ENSMUSG00000081603	1.125973591	0.001343563
<i>Cd3g</i>	ENSMUSG00000002033	2.430685011	0.001347423
<i>Atp5s</i>	ENSMUSG00000054894	-0.776781135	0.001348366

<i>Foxo6</i>	ENSMUSG00000052135	-1.718622905	0.001349709
<i>Cenpe</i>	ENSMUSG00000045328	2.278966186	0.001351414
<i>Gm3379</i>	ENSMUSG00000113625	1.677066167	0.001352159
<i>Epha7</i>	ENSMUSG00000028289	-1.220177843	0.001358274
<i>Eid1</i>	ENSMUSG00000091337	0.700225615	0.001359256
<i>Cct8</i>	ENSMUSG00000025613	0.589547156	0.001367727
<i>Atp6v1a</i>	ENSMUSG00000052459	0.640752663	0.001367727
<i>Synpo</i>	ENSMUSG00000043079	0.719446982	0.001378454
<i>Gstt1</i>	ENSMUSG00000001663	-0.977554379	0.001384638
<i>Mdh2</i>	ENSMUSG00000019179	-0.633776273	0.001384638
<i>Znr1as</i>	ENSMUSG00000036214	-0.832644772	0.001387155
<i>Utp3</i>	ENSMUSG00000070697	0.651352862	0.001394224
<i>Abce1</i>	ENSMUSG00000058355	0.693966902	0.001396718
<i>Wnk1</i>	ENSMUSG00000045962	-0.755941286	0.001401193
<i>Ctps</i>	ENSMUSG00000028633	0.639340774	0.00141368
<i>Tax1bp3</i>	ENSMUSG00000040158	0.718751774	0.001430447
<i>Ndufab1</i>	ENSMUSG00000030869	-0.68681487	0.001430447
<i>Cdk15</i>	ENSMUSG00000031292	-1.685740279	0.001430447
<i>Nsmaf</i>	ENSMUSG00000028245	-0.635825855	0.001437597
<i>Hcls1</i>	ENSMUSG00000022831	0.801395708	0.001437597
<i>Akap7</i>	ENSMUSG00000039166	-0.763734043	0.001444405
<i>Cenpw</i>	ENSMUSG00000075266	1.816404216	0.00144837
<i>Gm17383</i>	ENSMUSG00000058625	2.172061557	0.001449941
<i>Tmem183a</i>	ENSMUSG00000042305	0.69981926	0.00145113
<i>Gm11847</i>	ENSMUSG00000060989	1.125416906	0.001456687
<i>Uap111</i>	ENSMUSG00000026956	0.886868491	0.001460122
<i>Ankrd2</i>	ENSMUSG00000025172	2.734152511	0.00146108
<i>3300005D01Rik</i>	ENSMUSG00000096965	5.921812483	0.001465075
<i>Nppa</i>	ENSMUSG00000041616	2.685827571	0.001465763
<i>Sh3bgrl3</i>	ENSMUSG00000028843	0.874064595	0.001475111
<i>Tfb2m</i>	ENSMUSG00000026492	-0.652855557	0.001475751
<i>Nudt11</i>	ENSMUSG00000073295	-1.486163512	0.001478892
<i>Ube2b</i>	ENSMUSG00000020390	-0.663363267	0.001479157
<i>AC165271.1</i>	ENSMUSG00000116641	2.103961047	0.00148352
<i>Havcr2</i>	ENSMUSG00000020399	1.97438735	0.001491174
<i>Igf2bp2</i>	ENSMUSG00000033581	1.255926133	0.001492354
<i>Myoz1</i>	ENSMUSG00000068697	2.795929269	0.001492354
<i>Tsta3</i>	ENSMUSG00000022570	0.72026626	0.0014965
<i>Ndufv3</i>	ENSMUSG00000024038	-0.782511846	0.0014965
<i>Klhl8</i>	ENSMUSG00000029312	-0.954041413	0.001506329

<i>Gba</i>	ENSMUSG00000028048	0.794290443	0.001516283
<i>Sun3</i>	ENSMUSG00000040985	-2.864814886	0.001519311
<i>Foxm1</i>	ENSMUSG00000001517	2.150986709	0.001529235
<i>Ifngr1</i>	ENSMUSG00000020009	0.734488752	0.001530861
<i>Tcta</i>	ENSMUSG00000039461	-0.820671687	0.001535604
<i>Atp6v0e2</i>	ENSMUSG00000039347	-0.9733121	0.001539027
<i>B4galt2</i>	ENSMUSG00000028541	0.994917979	0.001539133
<i>Adamts16</i>	ENSMUSG00000049538	6.055875072	0.001539774
<i>Slc35e4</i>	ENSMUSG00000048807	0.901806985	0.001540315
<i>Tex30</i>	ENSMUSG00000026049	1.167808354	0.00154039
<i>Acat1</i>	ENSMUSG00000032047	-0.677326114	0.0015443
<i>Zfp365</i>	ENSMUSG00000037855	1.584955017	0.001551872
<i>Trmt6</i>	ENSMUSG00000037376	0.935336865	0.001552133
<i>Gprasp1</i>	ENSMUSG00000043384	-0.858623319	0.001554754
<i>Pdpr</i>	ENSMUSG00000033624	-1.274185936	0.001561897
<i>Pdpx</i>	ENSMUSG00000116165	1.849264484	0.001561897
<i>Gm31520</i>	ENSMUSG00000107653	-1.891341564	0.001561897
<i>Sipa112</i>	ENSMUSG00000001995	-0.948627657	0.001562991
<i>Nusap1</i>	ENSMUSG00000027306	1.614347779	0.001582334
<i>Kn11</i>	ENSMUSG00000027326	3.124722863	0.001585599
<i>Pak1</i>	ENSMUSG00000030774	1.204320313	0.001590206
<i>Uba2</i>	ENSMUSG00000052997	0.636796923	0.001590206
<i>Ppm11</i>	ENSMUSG00000027784	-1.077649173	0.001599707
<i>Gm11967</i>	ENSMUSG00000084819	1.535157668	0.001618657
<i>Tlcd1</i>	ENSMUSG00000019437	-1.169641054	0.001619959
<i>Arfgef1</i>	ENSMUSG00000067851	-0.695291564	0.001625654
<i>Mgp</i>	ENSMUSG00000030218	1.034728632	0.001628324
<i>Acp5</i>	ENSMUSG00000001348	1.810121608	0.00162948
<i>Plekhn1</i>	ENSMUSG00000078485	-1.018945077	0.001642432
<i>9330158H04Rik</i>	ENSMUSG00000073154	-0.759436512	0.001656498
<i>Mastl</i>	ENSMUSG00000026779	2.032004525	0.001663524
<i>Atp5j</i>	ENSMUSG00000022890	-0.719287295	0.001666413
<i>Fmr1</i>	ENSMUSG00000000838	0.855439836	0.001667939
<i>Mcm10</i>	ENSMUSG00000026669	3.420356964	0.001671845
<i>Parp1</i>	ENSMUSG00000026496	-0.68004862	0.001671845
<i>Scrn3</i>	ENSMUSG00000008226	-0.722463338	0.00167482
<i>Ubp2</i>	ENSMUSG00000028433	-0.783677311	0.00167482
<i>Prcp</i>	ENSMUSG00000061119	0.74532441	0.001680598
<i>Pafah1b2</i>	ENSMUSG00000003131	0.604584402	0.001689551
<i>Cacnb2</i>	ENSMUSG00000057914	-0.83996649	0.001694212

<i>Gaa</i>	ENSMUSG00000025579	-0.6405244	0.001697347
<i>Adssl1</i>	ENSMUSG00000011148	0.573238703	0.001700592
<i>Spata33</i>	ENSMUSG00000048478	-0.989362907	0.001701607
<i>Gpr171</i>	ENSMUSG00000050075	3.307363818	0.001701607
<i>Svip</i>	ENSMUSG00000074093	-0.860635281	0.001701607
<i>Abi3bp</i>	ENSMUSG00000035258	0.965253188	0.001708349
<i>Adamts14</i>	ENSMUSG00000015850	-0.79839088	0.001726183
<i>Tsc22d3</i>	ENSMUSG00000031431	0.900012206	0.001726183
<i>9030612E09Rik</i>	ENSMUSG00000045008	-1.731017191	0.001732862
<i>Sardh</i>	ENSMUSG00000009614	0.989183207	0.001733325
<i>Pafah1b3</i>	ENSMUSG00000005447	1.279080237	0.0017348
<i>Tmem50b</i>	ENSMUSG00000022964	-0.659934191	0.001747797
<i>Atp6v0e</i>	ENSMUSG00000015575	0.636771906	0.001751759
<i>Hrct1</i>	ENSMUSG00000071001	1.027299365	0.001756657
<i>Sapcd2</i>	ENSMUSG00000026955	3.214331414	0.001760439
<i>Polg</i>	ENSMUSG00000039176	-0.757307612	0.001766254
<i>Nod1</i>	ENSMUSG00000038058	-0.823018246	0.001771919
<i>Vars2</i>	ENSMUSG00000038838	-0.923331262	0.001773842
<i>Pdhal</i>	ENSMUSG00000031299	-0.667204344	0.001776268
<i>Sp3os</i>	ENSMUSG00000063714	-1.104813807	0.00180353
<i>Papss1</i>	ENSMUSG00000028032	0.776782363	0.001804969
<i>Gnpat</i>	ENSMUSG00000031985	-0.691658954	0.001809063
<i>Mettl1b</i>	ENSMUSG00000040113	-2.886940064	0.00181091
<i>Sybu</i>	ENSMUSG00000022340	-1.600039084	0.00181091
<i>Arhgef17</i>	ENSMUSG00000032875	-0.851675489	0.001813841
<i>Cntrl</i>	ENSMUSG00000057110	-1.08146091	0.001815145
<i>Olfml3</i>	ENSMUSG00000027848	0.657459845	0.001815145
<i>Tmem8b</i>	ENSMUSG00000078716	-0.912493406	0.001818525
<i>Tlr13</i>	ENSMUSG00000033777	1.14773615	0.001827605
<i>Irx5</i>	ENSMUSG00000031737	-0.950672407	0.001842892
<i>Gm8991</i>	ENSMUSG00000059179	1.233374827	0.001847634
<i>Kif2c</i>	ENSMUSG00000028678	2.393451981	0.001852469
<i>Gm14150</i>	ENSMUSG00000082809	1.812394273	0.001852469
<i>Chaf1b</i>	ENSMUSG00000022945	1.771321327	0.001852472
<i>Slc25a5</i>	ENSMUSG00000016319	0.56497081	0.001853005
<i>Zwilch</i>	ENSMUSG00000032400	2.065849002	0.001856036
<i>Cyp2s1</i>	ENSMUSG00000040703	-1.289927757	0.001861189
<i>Ly86</i>	ENSMUSG00000021423	1.055793438	0.001863752
<i>Trmt5</i>	ENSMUSG00000034442	-0.825044489	0.001863752
<i>Zfp629</i>	ENSMUSG00000045639	-0.911068747	0.001869049

<i>Zyx</i>	ENSMUSG00000029860	0.718979003	0.001870915
<i>Tradd</i>	ENSMUSG00000031887	0.997567222	0.001883133
<i>Eci1</i>	ENSMUSG00000024132	-0.722105699	0.001883377
<i>Rrad</i>	ENSMUSG00000031880	-0.637706297	0.001889633
<i>Smc2</i>	ENSMUSG00000028312	1.282853187	0.001894302
<i>Slc25a3</i>	ENSMUSG00000061904	-0.602015936	0.001915712
<i>Gnl1</i>	ENSMUSG00000024429	0.62225594	0.001923785
<i>Emp3</i>	ENSMUSG00000040212	0.830059461	0.00192562
<i>Gpt2</i>	ENSMUSG00000031700	-0.723568967	0.001929695
<i>Thap6</i>	ENSMUSG00000102644	-1.327896738	0.001945911
<i>Pgam1-ps2</i>	ENSMUSG00000082016	2.183906958	0.001951456
<i>Sema6b</i>	ENSMUSG00000001227	0.861811489	0.00196925
<i>Zkscan8</i>	ENSMUSG00000063894	-1.116799601	0.001983357
<i>Rps12</i>	ENSMUSG00000061983	1.026744527	0.001985338
<i>Sirt3</i>	ENSMUSG00000025486	-0.647224748	0.001985338
<i>Xdh</i>	ENSMUSG00000024066	-0.651778291	0.001985839
<i>Shb</i>	ENSMUSG00000044813	0.729168312	0.001990018
<i>Rragd</i>	ENSMUSG00000028278	-0.747731276	0.001993467
<i>Acs11</i>	ENSMUSG00000018796	-0.836126132	0.001998062
<i>Rps7</i>	ENSMUSG00000061477	0.652799475	0.002005614
<i>Rpl34</i>	ENSMUSG00000062006	0.727772661	0.002005614
<i>Gpam</i>	ENSMUSG00000024978	-0.929170103	0.002017704
<i>Ap1s2</i>	ENSMUSG00000031367	0.634048276	0.002020357
<i>Eprn</i>	ENSMUSG00000113346	-1.794791492	0.002025207
<i>Spata6</i>	ENSMUSG00000034401	0.879653147	0.002026227
<i>Cox7a1</i>	ENSMUSG00000074218	-0.939287595	0.002029939
<i>Gm9844</i>	ENSMUSG00000091955	1.538156339	0.002049078
<i>Cd34</i>	ENSMUSG00000016494	0.587703498	0.002049303
<i>Gm15501</i>	ENSMUSG00000087412	0.726881626	0.002051413
<i>Prim1</i>	ENSMUSG00000025395	1.348668381	0.002064841
<i>Scmh1</i>	ENSMUSG00000000085	-0.697036385	0.002079048
<i>Ap1s1</i>	ENSMUSG00000004849	0.615824164	0.002079369
<i>Dynl12</i>	ENSMUSG00000020483	-0.686987124	0.002079369
<i>Ccdc9b</i>	ENSMUSG00000045838	-0.96770377	0.002086304
<i>Gm17546</i>	ENSMUSG00000078648	-1.990180372	0.002086877
<i>Erh</i>	ENSMUSG00000021131	0.708913817	0.002097252
<i>Trmt2b</i>	ENSMUSG00000067369	-0.653642941	0.002115732
<i>Gm47283</i>	ENSMUSG00000096768	-6.076730265	0.002116652
<i>Zer1</i>	ENSMUSG00000039686	-0.836470188	0.002116652
<i>Lhfpl1</i>	ENSMUSG00000041700	5.861889102	0.002116652

<i>Lrp2</i>	ENSMUSG00000027070	-2.303695027	0.002119482
<i>Cltb</i>	ENSMUSG00000047547	0.598308564	0.002122778
<i>Slc25a20</i>	ENSMUSG00000032602	-0.674705771	0.002123753
<i>Fgl2</i>	ENSMUSG00000039899	0.577212297	0.002124224
<i>Dut</i>	ENSMUSG00000027203	-0.718758779	0.002137674
<i>Tgif1</i>	ENSMUSG00000047407	1.195069755	0.002137837
<i>Rapgef4</i>	ENSMUSG00000049044	-1.008768675	0.00215378
<i>Nipal3</i>	ENSMUSG00000028803	-0.831006592	0.002183161
<i>Tmem196</i>	ENSMUSG00000048004	-2.372735657	0.002183161
<i>Kif1a</i>	ENSMUSG00000014602	2.541711178	0.002183161
<i>Sbk3</i>	ENSMUSG00000085272	-1.625271441	0.002185307
<i>Gm2000</i>	ENSMUSG00000078193	0.79257874	0.002200016
<i>Abca6</i>	ENSMUSG00000044749	-0.967211846	0.002200016
<i>Lgi1</i>	ENSMUSG00000067242	-2.516412026	0.002200016
<i>Ephx2</i>	ENSMUSG00000022040	-0.653913501	0.002210673
<i>Taf6</i>	ENSMUSG00000036980	-0.895535212	0.002218709
<i>Nampt</i>	ENSMUSG00000020572	-0.680564408	0.002221752
<i>Rps20</i>	ENSMUSG00000028234	0.659399487	0.002222301
<i>Sp4</i>	ENSMUSG00000025323	-1.089970863	0.002222301
<i>Cyp26b1</i>	ENSMUSG00000063415	-1.669909769	0.002222301
<i>Mfge8</i>	ENSMUSG00000030605	0.576512973	0.002233703
<i>Gmfb</i>	ENSMUSG00000062014	0.634404322	0.002242998
<i>Lrba</i>	ENSMUSG00000028080	-0.880303571	0.002249425
<i>Cbfa2t3</i>	ENSMUSG00000006362	-0.913145609	0.002250058
<i>Saal1</i>	ENSMUSG00000006763	0.902262184	0.002262025
<i>Farp2</i>	ENSMUSG00000034066	-1.152976549	0.002266619
<i>Cd36</i>	ENSMUSG00000002944	-0.671464692	0.002287718
<i>Myl2</i>	ENSMUSG00000013936	-0.525073877	0.002287718
<i>Hspa11</i>	ENSMUSG00000007033	1.700556509	0.002290605
<i>Ptgs2</i>	ENSMUSG00000032487	1.116537278	0.002298677
<i>Mccc1os</i>	ENSMUSG00000086392	-2.140296998	0.00230257
<i>Uba5</i>	ENSMUSG00000032557	0.692458709	0.002305853
<i>Nlrc3</i>	ENSMUSG00000049871	1.925572097	0.00232624
<i>Ntn1</i>	ENSMUSG00000020902	-0.735611668	0.00233256
<i>Pgd</i>	ENSMUSG00000028961	0.672818199	0.002332651
<i>Cand2</i>	ENSMUSG00000030319	-0.786603841	0.002336308
<i>Slc12a4</i>	ENSMUSG00000017765	0.813313825	0.002337852
<i>Dand5</i>	ENSMUSG00000053226	-0.842267129	0.002344365
<i>Figl1</i>	ENSMUSG00000035455	1.844538974	0.00235806
<i>Sh3gl1</i>	ENSMUSG00000003200	0.769437879	0.002358435

<i>Myo1c</i>	ENSMUSG00000017774	0.69878051	0.002367987
<i>Tmem200b</i>	ENSMUSG00000070720	1.229679436	0.002367987
<i>Cygb</i>	ENSMUSG00000020810	0.641698319	0.002374286
<i>Tmem70</i>	ENSMUSG00000025940	-0.677459018	0.002388054
<i>Mkks</i>	ENSMUSG00000027274	-0.942979742	0.002389891
<i>C8g</i>	ENSMUSG00000015083	-1.80860401	0.002392186
<i>Mrps10</i>	ENSMUSG00000034729	0.596376422	0.002398463
<i>Satb1</i>	ENSMUSG00000023927	-0.898144977	0.002398747
<i>Npepl1</i>	ENSMUSG00000039263	-0.564678427	0.0024024
<i>Nuak2</i>	ENSMUSG00000009772	1.257464784	0.002403572
<i>Pde1b</i>	ENSMUSG00000022489	1.890352048	0.002405587
<i>Cideb</i>	ENSMUSG00000022219	-2.893598251	0.002408282
<i>Lgals9</i>	ENSMUSG00000001123	0.739898546	0.002408282
<i>Mbd6</i>	ENSMUSG00000025409	-0.990137717	0.002408282
<i>Id1</i>	ENSMUSG00000042745	0.802327504	0.002412418
<i>Uhrf1</i>	ENSMUSG00000001228	1.374034061	0.002414734
<i>Jpt2</i>	ENSMUSG00000024165	0.902411988	0.002418844
<i>Foxred1</i>	ENSMUSG00000039048	-0.648683981	0.002421987
<i>Rfc5</i>	ENSMUSG00000029363	0.90224709	0.002424242
<i>Nbr1</i>	ENSMUSG00000017119	-0.594668409	0.002433278
<i>Rnf19a</i>	ENSMUSG00000022280	0.77601696	0.002442996
<i>Slc25a28</i>	ENSMUSG00000040414	-0.705826928	0.002445754
<i>Vps29</i>	ENSMUSG00000029462	0.661036779	0.002449701
<i>Chmp3</i>	ENSMUSG00000053119	0.584646999	0.002456269
<i>Cercam</i>	ENSMUSG00000039787	1.150387066	0.002462725
<i>Tnrc6b</i>	ENSMUSG00000047888	-1.017389341	0.002462725
<i>Ndufb4c</i>	ENSMUSG00000083380	-1.061760721	0.002476895
<i>7-Sep</i>	ENSMUSG00000001833	0.518673879	0.002480469
<i>Zfyve21</i>	ENSMUSG00000021286	-0.644087808	0.002488562
<i>Bhlhe41</i>	ENSMUSG00000030256	0.657559755	0.002492766
<i>Dennd4c</i>	ENSMUSG00000038024	-0.740837038	0.002493285
<i>Gja4</i>	ENSMUSG00000050234	0.961294147	0.002494558
<i>Pnpla2</i>	ENSMUSG00000025509	-0.543952085	0.002501241
<i>Meis2</i>	ENSMUSG00000027210	-0.831665411	0.002505688
<i>Ctu2</i>	ENSMUSG00000049482	0.868083514	0.002505688
<i>Mgrn1</i>	ENSMUSG00000022517	-0.716366804	0.002519504
<i>Kif28</i>	ENSMUSG00000087236	-2.661932769	0.002536564
<i>Gtf2f2</i>	ENSMUSG00000067995	0.699662951	0.002538433
<i>Nap111</i>	ENSMUSG00000058799	0.580426366	0.002560147
<i>Angptl3</i>	ENSMUSG00000028553	-1.817242854	0.002561912

<i>Hint2</i>	ENSMUSG00000028470	-0.614609458	0.002570915
<i>Macrodl</i>	ENSMUSG00000036278	-0.618559554	0.002571579
<i>Pxdc1</i>	ENSMUSG00000021411	0.877414167	0.002578338
<i>Cd300a</i>	ENSMUSG00000034652	1.38018485	0.002586112
<i>Dsel</i>	ENSMUSG00000038702	0.983090523	0.002586112
<i>Acs16</i>	ENSMUSG00000020333	-1.030658687	0.002597315
<i>Gpsm2</i>	ENSMUSG00000027883	1.339995394	0.002607488
<i>Gimap4</i>	ENSMUSG00000054435	0.862515533	0.002612785
<i>N4bp2l2</i>	ENSMUSG00000029655	0.671136586	0.002614243
<i>Cd44</i>	ENSMUSG00000005087	0.942239387	0.002614243
<i>B4galt4</i>	ENSMUSG00000022793	0.878448874	0.002614407
<i>Bhlhb9</i>	ENSMUSG00000072964	-0.789856577	0.002617111
<i>Mreg</i>	ENSMUSG00000039395	-0.879418851	0.002626441
<i>Mkrn2os</i>	ENSMUSG00000068011	-2.51711784	0.002626441
<i>Ccl2</i>	ENSMUSG00000035385	1.027428989	0.002626441
<i>St3gal3</i>	ENSMUSG00000028538	-0.723494547	0.002626754
<i>AU040320</i>	ENSMUSG00000028830	-0.704948246	0.002647908
<i>Atp5b</i>	ENSMUSG00000025393	-0.525832091	0.002647908
<i>Kyat1</i>	ENSMUSG00000039648	-0.78581802	0.00266313
<i>Dcaf8</i>	ENSMUSG00000026554	-0.636859459	0.002665026
<i>Tcf4</i>	ENSMUSG00000053477	0.647135673	0.002665758
<i>Slc25a25</i>	ENSMUSG00000026819	1.048423005	0.002670104
<i>Gpr22</i>	ENSMUSG00000044067	-1.992601061	0.002670104
<i>Rangap1</i>	ENSMUSG00000022391	0.700664754	0.002670104
<i>Gm3235</i>	ENSMUSG00000090778	-2.528914274	0.002670593
<i>AV026068</i>	ENSMUSG00000100510	-0.880990653	0.002685907
<i>Relb</i>	ENSMUSG00000002983	0.780278795	0.002697788
<i>Plod2</i>	ENSMUSG00000032374	0.799365892	0.002704598
<i>Fem1b</i>	ENSMUSG00000032244	0.902717319	0.002717621
<i>Gm9800</i>	ENSMUSG00000045799	1.10698583	0.002738865
<i>Myh9</i>	ENSMUSG00000022443	0.64300181	0.002745936
<i>Ndufs2</i>	ENSMUSG00000013593	-0.558339312	0.002748805
<i>Spns2</i>	ENSMUSG00000040447	0.827011682	0.002750106
<i>Clra</i>	ENSMUSG00000055172	-0.73286358	0.00275581
<i>Ndufa10</i>	ENSMUSG00000026260	-0.547086388	0.002785636
<i>Snn</i>	ENSMUSG00000037972	-0.789255016	0.002785636
<i>Irf8</i>	ENSMUSG00000041515	0.971954712	0.002785636
<i>Rital</i>	ENSMUSG00000029600	-0.924822459	0.002785772
<i>Pmp22</i>	ENSMUSG00000018217	0.61420547	0.002807008
<i>Tns2</i>	ENSMUSG00000037003	-0.555283952	0.002823849

<i>Prps2</i>	ENSMUSG00000025742	-0.804910181	0.002845146
<i>Rpn1</i>	ENSMUSG00000030062	0.643621309	0.002846216
<i>B3galt2</i>	ENSMUSG00000033849	-1.549839842	0.002846216
<i>Sptb</i>	ENSMUSG00000021061	-1.043557601	0.002846216
<i>Snx20</i>	ENSMUSG00000031662	1.128108867	0.002850234
<i>Klf13</i>	ENSMUSG00000052040	0.74002551	0.00285071
<i>Map2k1</i>	ENSMUSG00000004936	0.594160495	0.002856468
<i>Cd3d</i>	ENSMUSG00000032094	2.970581548	0.002856468
<i>Aurka</i>	ENSMUSG00000027496	1.861641348	0.002856468
<i>Spcs3</i>	ENSMUSG00000054408	0.636510183	0.002862807
<i>Kcnn1</i>	ENSMUSG00000002908	-0.915713682	0.002862807
<i>Ak3</i>	ENSMUSG00000024782	-0.607231348	0.002874197
<i>Trpm4</i>	ENSMUSG00000038260	-0.852970292	0.002881921
<i>Irf7</i>	ENSMUSG00000025498	0.76468808	0.002885573
<i>Hspb1</i>	ENSMUSG00000004951	0.765765914	0.002885573
<i>Pgap2</i>	ENSMUSG00000030990	-0.664998873	0.002926396
<i>Tarsl2</i>	ENSMUSG00000030515	-0.810902558	0.002927517
<i>Ppil6</i>	ENSMUSG00000078451	-2.827536882	0.002928909
<i>Zfp316</i>	ENSMUSG00000046658	-1.147489144	0.002934434
<i>Ppif</i>	ENSMUSG00000021868	-0.71609031	0.002951806
<i>Gm6560</i>	ENSMUSG00000104913	0.955682602	0.00295204
<i>Ubl7</i>	ENSMUSG00000055720	-0.616403438	0.002954105
<i>Dmwd</i>	ENSMUSG00000030410	-0.615859582	0.002954105
<i>2310022B05Rik</i>	ENSMUSG00000031983	0.727743133	0.002954105
<i>Zadh2</i>	ENSMUSG00000049090	-0.605164328	0.002954105
<i>Zbtb18</i>	ENSMUSG00000063659	-0.800064865	0.002963407
<i>Ccdc85c</i>	ENSMUSG00000084883	-0.90597151	0.002967888
<i>Serpina3f</i>	ENSMUSG00000066363	2.506237283	0.002973014
<i>Pla2g4a</i>	ENSMUSG00000056220	0.747848929	0.002973014
<i>Akr1a1</i>	ENSMUSG00000028692	0.586240373	0.002973014
<i>Jaml</i>	ENSMUSG00000048534	2.775926587	0.002983353
<i>Drosha</i>	ENSMUSG00000022191	-0.854115576	0.003017927
<i>Chd3</i>	ENSMUSG00000018474	-0.902283471	0.003019825
<i>Stum</i>	ENSMUSG00000053963	-4.093057376	0.003026888
<i>Atp8b2</i>	ENSMUSG00000060671	0.795267492	0.003042604
<i>Asb4</i>	ENSMUSG00000042607	-1.437159488	0.003061553
<i>Ankhd1</i>	ENSMUSG00000024483	-0.799756169	0.003061553
<i>2310057M21Rik</i>	ENSMUSG00000040177	0.80053733	0.003071231
<i>Zswim9</i>	ENSMUSG00000070814	-1.019703929	0.003076087
<i>Hadha</i>	ENSMUSG00000025745	-0.674427217	0.003076097

<i>Gm13657</i>	ENSMUSG00000086813	-4.699951353	0.003076097
<i>Ptger4</i>	ENSMUSG00000039942	1.040402077	0.00308784
<i>Tc2n</i>	ENSMUSG00000021187	2.120064215	0.003092813
<i>Trp53inpl</i>	ENSMUSG00000028211	0.800318199	0.00310038
<i>Pygb</i>	ENSMUSG00000033059	-0.604198526	0.00310038
<i>Wipfl</i>	ENSMUSG00000075284	0.665643175	0.003112066
<i>Kif20a</i>	ENSMUSG00000003779	1.77008959	0.003113464
<i>Fam213a</i>	ENSMUSG00000021792	-0.6596064	0.003118956
<i>Taf1d</i>	ENSMUSG00000031939	0.880237321	0.003119632
<i>Cox6b2</i>	ENSMUSG00000051811	-1.925903835	0.003120276
<i>Foxn2</i>	ENSMUSG00000034998	0.848629699	0.003120276
<i>Nrbp2</i>	ENSMUSG00000075590	-0.898941657	0.003122644
<i>Gck</i>	ENSMUSG00000041798	1.047031838	0.003122644
<i>Eif4h</i>	ENSMUSG00000040731	0.539041285	0.00313531
<i>Irx2</i>	ENSMUSG00000001504	-1.507028682	0.00313531
<i>Slf1</i>	ENSMUSG00000021597	-0.759199155	0.003146814
<i>Smc6</i>	ENSMUSG00000020608	0.593397489	0.003150015
<i>Eef2k</i>	ENSMUSG00000035064	-0.792999891	0.003150015
<i>Fbl</i>	ENSMUSG00000046865	0.678442432	0.003151759
<i>Cbr3</i>	ENSMUSG00000022947	0.934842325	0.003153321
<i>Gpr39</i>	ENSMUSG00000026343	2.498199568	0.003153321
<i>Grm1</i>	ENSMUSG00000019828	-1.063839059	0.003155197
<i>Hdac5</i>	ENSMUSG00000008855	-0.668596774	0.003160994
<i>Ccr1</i>	ENSMUSG00000025804	0.966966684	0.003160994
<i>Cyb5rl</i>	ENSMUSG00000028621	-0.965694391	0.003166226
<i>Nmd3</i>	ENSMUSG00000027787	0.652533919	0.003173732
<i>9530026P05Rik</i>	ENSMUSG00000097462	-1.368439382	0.003173732
<i>Hspa4</i>	ENSMUSG00000020361	0.543192207	0.003173732
<i>Ndufs6b</i>	ENSMUSG00000083820	-1.610544359	0.003202331
<i>Calm2</i>	ENSMUSG00000036438	0.655288228	0.003207134
<i>Ror1</i>	ENSMUSG00000035305	1.131757796	0.0032191
<i>Slc7a2</i>	ENSMUSG00000031596	-1.252161865	0.003220434
<i>Ncor1</i>	ENSMUSG00000018501	-0.713497532	0.003220971
<i>Tmem205</i>	ENSMUSG00000040883	-0.552049953	0.003241935
<i>Ngfr</i>	ENSMUSG00000000120	3.720519955	0.00325022
<i>Syde2</i>	ENSMUSG00000036863	-0.843080146	0.00325022
<i>Gpi1</i>	ENSMUSG00000036427	0.770648755	0.003259101
<i>Cacna2d1</i>	ENSMUSG00000040118	-0.666566445	0.00326894
<i>Mlycd</i>	ENSMUSG00000074064	-0.643552846	0.003270742
<i>Gdi2</i>	ENSMUSG00000021218	0.675763977	0.003270742

<i>Srpx</i>	ENSMUSG00000090084	0.753897572	0.003283687
<i>Ybx2</i>	ENSMUSG00000018554	-1.059356119	0.003283687
<i>Rab7b</i>	ENSMUSG00000052688	0.829085344	0.003309785
<i>Cdkn2aipnl</i>	ENSMUSG00000020392	0.69297469	0.003312459
<i>Rala</i>	ENSMUSG00000008859	0.595025508	0.003322442
<i>Tmed5</i>	ENSMUSG00000063406	0.704414842	0.003384498
<i>C1s1</i>	ENSMUSG00000038521	-0.641052424	0.00339156
<i>Ppp1r26</i>	ENSMUSG00000035829	-2.216008644	0.00339156
<i>Zfp395</i>	ENSMUSG00000034522	-0.962718982	0.003401664
<i>Elk3</i>	ENSMUSG00000008398	0.70104324	0.003411333
<i>Nipsnap3b</i>	ENSMUSG00000015247	0.894078343	0.003411333
<i>Ktn1</i>	ENSMUSG00000021843	-0.670762089	0.003411333
<i>Alg5</i>	ENSMUSG00000036632	0.718121418	0.003414717
<i>Notch1</i>	ENSMUSG00000026923	-0.869547385	0.003415204
<i>Kif23</i>	ENSMUSG00000032254	1.716724215	0.003415204
<i>Polr1a</i>	ENSMUSG00000049553	-0.770515347	0.003418353
<i>Slc37a1</i>	ENSMUSG00000024036	-1.321606755	0.003426712
<i>Bin3</i>	ENSMUSG00000022089	0.891417257	0.003431868
<i>Ogfod3</i>	ENSMUSG00000025169	-0.849881545	0.003436405
<i>Cd300lf</i>	ENSMUSG00000047798	5.238593085	0.0034452
<i>Limd2</i>	ENSMUSG00000040699	0.795047175	0.00344854
<i>Mfsd4b3</i>	ENSMUSG00000071335	-1.164694055	0.003457317
<i>Cdca4</i>	ENSMUSG00000047832	0.889615643	0.003463864
<i>Gm28651</i>	ENSMUSG00000101086	-1.472064326	0.003465574
<i>Gjb5</i>	ENSMUSG00000042357	2.551709388	0.003465574
<i>6430571L13Rik</i>	ENSMUSG00000037977	-1.445538197	0.00347465
<i>Hsdl2</i>	ENSMUSG00000028383	-0.728112615	0.00347465
<i>6-Mar</i>	ENSMUSG00000039100	-0.650260328	0.003486939
<i>Lnpep</i>	ENSMUSG00000023845	-0.637981276	0.00349133
<i>Gm15427</i>	ENSMUSG00000081051	0.620913952	0.00349133
<i>Rce1</i>	ENSMUSG00000024889	0.846963911	0.003511022
<i>Sema7a</i>	ENSMUSG00000038264	0.920810597	0.003511075
<i>Lrrc4b</i>	ENSMUSG00000047085	-1.216200591	0.003511075
<i>Nr0b2</i>	ENSMUSG00000037583	-0.974945464	0.003511075
<i>Gm13111</i>	ENSMUSG00000085069	-1.856714245	0.003531107
<i>AC167229.1</i>	ENSMUSG00000112831	-2.081079547	0.003531501
<i>Fcgr2b</i>	ENSMUSG00000026656	0.745441136	0.003537927
<i>Clic5</i>	ENSMUSG00000023959	0.740864518	0.003544277
<i>Klhl6</i>	ENSMUSG00000043008	0.822718946	0.003544277
<i>Tmem220</i>	ENSMUSG00000050270	-1.403248016	0.003546034

<i>Fam214a</i>	ENSMUSG00000034858	-0.878819193	0.003546856
<i>Tmem167</i>	ENSMUSG00000012422	0.771866111	0.00357189
<i>Zfp945</i>	ENSMUSG00000059142	-0.735412068	0.003577074
<i>Cbr1</i>	ENSMUSG00000051483	-0.89774786	0.003590009
<i>Nr1d2</i>	ENSMUSG00000021775	-0.573750124	0.003594079
<i>Zpr1</i>	ENSMUSG00000032078	0.667528355	0.003595347
<i>5-Sep</i>	ENSMUSG00000072214	1.526831656	0.003597708
<i>Hr</i>	ENSMUSG00000022096	0.778346828	0.003598475
<i>Cbx6</i>	ENSMUSG00000089715	0.642377859	0.003598811
<i>Gm31013</i>	ENSMUSG00000111867	-0.867539086	0.003601992
<i>Emilin2</i>	ENSMUSG00000024053	-0.838873204	0.003621284
<i>Auts2</i>	ENSMUSG00000029673	-1.005016367	0.003634031
<i>Cebpa</i>	ENSMUSG00000034957	0.826652877	0.003634031
<i>Cars2</i>	ENSMUSG00000056228	-0.765333517	0.003639244
<i>4430402I18Rik</i>	ENSMUSG00000064202	-0.755394458	0.003657679
<i>Rnf4</i>	ENSMUSG00000029110	0.60350587	0.003657679
<i>Rnf150</i>	ENSMUSG00000047747	-0.78762828	0.003667245
<i>Echdc2</i>	ENSMUSG00000028601	-0.795687974	0.003686224
<i>Gm3534</i>	ENSMUSG00000098192	3.278611619	0.003704774
<i>Ubr3</i>	ENSMUSG00000044308	-0.634234937	0.003709677
<i>Itgb5</i>	ENSMUSG00000022817	0.766845562	0.003730181
<i>Gatb</i>	ENSMUSG00000028085	-0.639822266	0.00374
<i>Fndc1</i>	ENSMUSG00000071984	0.882765996	0.00374
<i>Ncoa7</i>	ENSMUSG00000039697	0.913762547	0.00376037
<i>Gpr157</i>	ENSMUSG00000047875	-0.835013273	0.003767616
<i>0610009L18Rik</i>	ENSMUSG00000043644	-0.951569832	0.003771605
<i>Ttc32</i>	ENSMUSG00000066637	-0.923477456	0.00378643
<i>Pfn1</i>	ENSMUSG00000018293	0.559675849	0.003810488
<i>Car9</i>	ENSMUSG00000028463	2.402779962	0.003815206
<i>Ltbr</i>	ENSMUSG00000030339	0.634162161	0.003820593
<i>Ppp1r3c</i>	ENSMUSG00000067279	0.806111308	0.003828167
<i>Rian</i>	ENSMUSG00000097451	0.859832426	0.003830755
<i>Bod11</i>	ENSMUSG00000061755	-0.797311853	0.003838457
<i>Gm11992</i>	ENSMUSG00000040978	-3.022827174	0.003841043
<i>Ifi47</i>	ENSMUSG00000078920	0.905860668	0.003845771
<i>Rpsa-ps2</i>	ENSMUSG00000045055	0.796720417	0.003849678
<i>Sptlc2</i>	ENSMUSG00000021036	0.661308341	0.003852946
<i>Cxadr</i>	ENSMUSG00000022865	-0.785676425	0.003894598
<i>Ercc1</i>	ENSMUSG00000003549	0.642654027	0.003907027
<i>Far1</i>	ENSMUSG00000030759	0.620752417	0.003908936

<i>Gm5854</i>	ENSMUSG00000115584	0.630072345	0.003910278
<i>Gm42047</i>	ENSMUSG00000110631	1.930821456	0.003923544
<i>Ptgfrn</i>	ENSMUSG00000027864	0.65860032	0.003932084
<i>Fam84b</i>	ENSMUSG00000072568	-1.125051365	0.003936782
<i>1700003E16Rik</i>	ENSMUSG00000030030	-2.234347202	0.003953473
<i>Maea</i>	ENSMUSG00000079562	0.546903102	0.003953473
<i>Dip2c</i>	ENSMUSG00000048264	-0.774753827	0.003953473
<i>Gmppb</i>	ENSMUSG00000070284	0.866347638	0.003955773
<i>Mal</i>	ENSMUSG00000027375	-0.642041567	0.003960421
<i>Dppa3</i>	ENSMUSG00000046323	5.274626978	0.00397786
<i>Ezh2</i>	ENSMUSG00000029687	0.932326989	0.003981122
<i>Cd209a</i>	ENSMUSG00000031494	2.058888874	0.004004735
<i>Akl</i>	ENSMUSG00000026817	-0.582917708	0.004017315
<i>Itgb1</i>	ENSMUSG00000025809	0.488362424	0.004025814
<i>Cd300c2</i>	ENSMUSG00000044811	1.319702101	0.004027853
<i>Trap1</i>	ENSMUSG00000005981	-0.593385139	0.004036192
<i>Tnip3</i>	ENSMUSG00000044162	-1.535581677	0.004059445
<i>Pde1a</i>	ENSMUSG00000059173	0.801606434	0.004063145
<i>Sod2</i>	ENSMUSG00000006818	-0.665886336	0.004063954
<i>Khk</i>	ENSMUSG00000029162	-0.698405657	0.004070071
<i>Cap1</i>	ENSMUSG00000028656	0.67723658	0.004070442
<i>Snapiin</i>	ENSMUSG00000001018	-0.542448439	0.004084487
<i>Rrm2</i>	ENSMUSG00000020649	1.468394248	0.00409024
<i>Zbtb20</i>	ENSMUSG00000022708	-0.75396152	0.004095784
<i>Mlkl</i>	ENSMUSG00000012519	1.06522768	0.004097495
<i>1-Mar</i>	ENSMUSG00000036469	1.153767599	0.004106013
<i>Cttnbp2nl</i>	ENSMUSG00000062127	0.834168199	0.004106013
<i>Gorasp1</i>	ENSMUSG00000032513	-0.720167882	0.004123399
<i>Ahdcl</i>	ENSMUSG00000037692	-0.858811276	0.004126778
<i>A930024E05Rik</i>	ENSMUSG00000056735	-5.698305304	0.004141511
<i>Dcbl2</i>	ENSMUSG00000035107	0.846280388	0.004150682
<i>Slc5a6</i>	ENSMUSG00000006641	-1.107628919	0.004217673
<i>Rxra</i>	ENSMUSG00000015846	-0.650320552	0.004223829
<i>Rap1a</i>	ENSMUSG00000068798	0.520844146	0.004224772
<i>Prpf8</i>	ENSMUSG00000020850	-0.637126797	0.004237121
<i>Hnrnpa3</i>	ENSMUSG00000059005	0.62356381	0.004244831
<i>Cct3</i>	ENSMUSG00000001416	0.579549275	0.004249443
<i>Mmachc</i>	ENSMUSG00000028690	-0.689461362	0.004273267
<i>Rhobtb2</i>	ENSMUSG00000022075	-0.873931533	0.004288472
<i>Cnot1</i>	ENSMUSG00000036550	-0.739226081	0.004297913

<i>Isoc1</i>	ENSMUSG00000024601	-0.731745574	0.00432728
<i>Kmt2d</i>	ENSMUSG00000048154	-0.910250029	0.004350276
<i>Calm3</i>	ENSMUSG00000019370	0.545273691	0.004368399
<i>Cenpv</i>	ENSMUSG00000018509	-0.834867958	0.004383368
<i>Ssu72</i>	ENSMUSG00000029038	0.571796039	0.004385991
<i>Pnp</i>	ENSMUSG00000115338	0.8672078	0.004394112
<i>Zfp799</i>	ENSMUSG00000095253	-1.062540156	0.004417087
<i>Cttnbip1</i>	ENSMUSG00000028988	0.730158233	0.004417286
<i>Sord</i>	ENSMUSG00000027227	-0.756934778	0.004422655
<i>Hras</i>	ENSMUSG00000025499	0.536983157	0.004473873
<i>Nelfe</i>	ENSMUSG00000024369	0.670096672	0.004488581
<i>Ndrp2</i>	ENSMUSG00000004558	-0.533208625	0.00450352
<i>AA467197</i>	ENSMUSG00000033213	2.709333127	0.004518369
<i>Eif3c</i>	ENSMUSG00000030738	0.741262942	0.00452462
<i>Psrc1</i>	ENSMUSG00000068744	1.770772634	0.004552533
<i>Aacs</i>	ENSMUSG00000029482	1.110687711	0.004565371
<i>Lfng</i>	ENSMUSG00000029570	0.753391212	0.004565592
<i>Limch1</i>	ENSMUSG00000037736	-0.631537003	0.004590165
<i>Tmem255b</i>	ENSMUSG00000038457	1.60750951	0.004600202
<i>Ankrd13a</i>	ENSMUSG00000041870	0.625998517	0.004626872
<i>Rpl15</i>	ENSMUSG00000012405	0.544855195	0.004629369
<i>Gm10131</i>	ENSMUSG00000063412	0.80649505	0.004629369
<i>Ryk</i>	ENSMUSG00000032547	0.56992596	0.004641149
<i>Ppp1r3b</i>	ENSMUSG00000046794	-0.935935453	0.004646372
<i>Scn10a</i>	ENSMUSG00000034533	-2.257338184	0.004646372
<i>Zrsr1</i>	ENSMUSG00000044068	-0.781938403	0.004650256
<i>Xpnpep1</i>	ENSMUSG00000025027	0.560214148	0.004651023
<i>Kifc2</i>	ENSMUSG00000004187	-1.557657202	0.004651559
<i>Colgalt1</i>	ENSMUSG00000034807	0.585283728	0.004666913
<i>Skidal</i>	ENSMUSG00000054074	-1.407962674	0.00466899
<i>Rgs2</i>	ENSMUSG00000026360	-0.666607138	0.004681646
<i>Padi4</i>	ENSMUSG00000025330	1.797353374	0.004686204
<i>Dsc2</i>	ENSMUSG00000024331	-0.768582285	0.004702353
<i>Apobec1</i>	ENSMUSG00000040613	0.883474547	0.004711014
<i>Eif5a2</i>	ENSMUSG00000050192	1.10857567	0.004711014
<i>Apobec2</i>	ENSMUSG00000040694	-0.563906794	0.004726189
<i>Aif1</i>	ENSMUSG00000024397	0.944408676	0.004734904
<i>Cdc14b</i>	ENSMUSG00000033102	-1.06571136	0.004734956
<i>Abhd15</i>	ENSMUSG00000000686	2.592718868	0.004742822
<i>Eprs</i>	ENSMUSG00000026615	0.77552771	0.004758736

<i>Ptpn22</i>	ENSMUSG00000027843	1.823334814	0.004772866
<i>Olfir1033</i>	ENSMUSG00000045392	0.803016119	0.00480492
<i>P4ha3</i>	ENSMUSG00000051048	2.583338727	0.00481093
<i>Homer3</i>	ENSMUSG00000003573	0.971735643	0.004817044
<i>Mak16</i>	ENSMUSG00000031578	0.82504581	0.004821677
<i>Tmem29</i>	ENSMUSG00000041353	1.131785692	0.004828964
<i>Ssrp1</i>	ENSMUSG00000027067	0.558798858	0.004828964
<i>Disp1</i>	ENSMUSG00000030768	-1.017601401	0.004831123
<i>Abi1</i>	ENSMUSG00000058835	0.622314328	0.004853936
<i>Cln1</i>	ENSMUSG00000029862	-2.786956115	0.004860037
<i>Tipin</i>	ENSMUSG00000032397	0.755951105	0.004875321
<i>Gm10288</i>	ENSMUSG00000070343	0.910852401	0.004881469
<i>Znhit2</i>	ENSMUSG00000075227	0.661630789	0.004894527
<i>Csnk1g3</i>	ENSMUSG00000073563	0.695832115	0.004916684
<i>Hmcn1</i>	ENSMUSG00000066842	-0.837633916	0.004916684
<i>Dph5</i>	ENSMUSG00000033554	0.861314305	0.004931142
<i>Ablim2</i>	ENSMUSG00000029095	-0.905519313	0.004952149
<i>Pitpnm3</i>	ENSMUSG00000040543	-1.994775613	0.004963089
<i>Tra2b</i>	ENSMUSG00000022858	0.530220878	0.004965518
<i>Wdr6</i>	ENSMUSG00000066357	-0.876320324	0.004965518
<i>Anxa4</i>	ENSMUSG00000029994	0.665256133	0.004965518
<i>Kcnd2</i>	ENSMUSG00000060882	-1.286265894	0.004976138
<i>2610035D17Rik</i>	ENSMUSG00000087259	-1.001252504	0.004991573
<i>Pcmt1</i>	ENSMUSG00000051285	-0.58043536	0.004992425
<i>Ftl1-ps1</i>	ENSMUSG00000062382	0.883672352	0.005008934
<i>Tmem200a</i>	ENSMUSG00000049420	4.617378486	0.005018731
<i>Il7r</i>	ENSMUSG00000003882	2.415570084	0.005038911
<i>Rhou</i>	ENSMUSG00000039960	0.784410957	0.005040307
<i>Dlgap5</i>	ENSMUSG00000037544	2.004841275	0.005051678
<i>Fryl</i>	ENSMUSG00000070733	-0.835964992	0.005057773
<i>Bcl9</i>	ENSMUSG00000038256	-1.131339155	0.005057773
<i>C9orf72</i>	ENSMUSG00000028300	-0.682278331	0.005057773
<i>Slc22a4</i>	ENSMUSG00000020334	1.320768109	0.005066059
<i>Esyt3</i>	ENSMUSG00000037681	-4.006171285	0.005068225
<i>Kmt2b</i>	ENSMUSG00000006307	-0.941202836	0.005078747
<i>Mybl2</i>	ENSMUSG00000017861	2.592778384	0.005101587
<i>Klfl5</i>	ENSMUSG00000030087	-0.823413157	0.005109729
<i>Il15ra</i>	ENSMUSG00000023206	-0.900103667	0.005123705
<i>Renbp</i>	ENSMUSG00000031387	0.918364761	0.005123705
<i>Lysmd4</i>	ENSMUSG00000043831	-0.772372832	0.005179254

<i>Syt3</i>	ENSMUSG00000030731	-1.520093842	0.005201459
<i>Tmem245</i>	ENSMUSG00000055296	-0.66036351	0.005221585
<i>Ubxn10</i>	ENSMUSG00000043621	-1.176465842	0.00526583
<i>Mtus2</i>	ENSMUSG00000029651	-0.605054134	0.00529478
<i>Shank3</i>	ENSMUSG00000022623	-0.734170234	0.005326592
<i>Smarcc2</i>	ENSMUSG00000025369	-0.573877841	0.005335009
<i>Mblac2</i>	ENSMUSG00000051098	-1.195645493	0.005335009
<i>Llph</i>	ENSMUSG00000020224	0.737677671	0.005365723
<i>Tro</i>	ENSMUSG00000025272	2.005697975	0.005370355
<i>Myef2</i>	ENSMUSG00000027201	1.082738665	0.005370355
<i>BE692007</i>	ENSMUSG00000099757	1.258795554	0.005370355
<i>Helz</i>	ENSMUSG00000020721	-0.977658033	0.005400998
<i>Pvalb</i>	ENSMUSG00000005716	-1.88549207	0.005408057
<i>Hmgn1</i>	ENSMUSG00000040681	0.592264829	0.005410004
<i>Gm45145</i>	ENSMUSG00000109076	-5.663341332	0.005424578
<i>Idh3b</i>	ENSMUSG00000027406	-0.540038214	0.005445884
<i>Hck</i>	ENSMUSG00000003283	1.023973591	0.005451755
<i>Zmym3</i>	ENSMUSG00000031310	-0.881878461	0.005461618
<i>Hells</i>	ENSMUSG00000025001	1.82211572	0.005473298
<i>Psmbl1</i>	ENSMUSG00000014769	0.486497526	0.005473298
<i>Hnrnpab</i>	ENSMUSG00000020358	0.543143585	0.005484754
<i>Mif4gd</i>	ENSMUSG00000020743	-0.639853353	0.00548887
<i>Cdca7</i>	ENSMUSG00000055612	1.699616262	0.005496889
<i>Katna1</i>	ENSMUSG00000019794	0.717670256	0.005516006
<i>Tmem136</i>	ENSMUSG00000048503	-0.884634476	0.005516006
<i>Zfand1</i>	ENSMUSG00000039795	-0.663088645	0.005520633
<i>Plat</i>	ENSMUSG00000031538	0.688011386	0.005520633
<i>Slc35b1</i>	ENSMUSG00000020873	0.602521026	0.005520633
<i>Papd4</i>	ENSMUSG00000042167	0.686878174	0.005520633
<i>Slc38a3</i>	ENSMUSG00000010064	-1.025086223	0.005520633
<i>Psmc4</i>	ENSMUSG00000030603	0.514310147	0.005553084
<i>Ndufs6</i>	ENSMUSG00000021606	-0.719557916	0.005553084
<i>Rpl13</i>	ENSMUSG00000000740	0.538123403	0.005553189
<i>Gimap6</i>	ENSMUSG00000047867	0.630457958	0.005553189
<i>Aard</i>	ENSMUSG00000068522	2.199867342	0.005586469
<i>Bsg</i>	ENSMUSG00000023175	0.572189914	0.005594518
<i>Exosc5</i>	ENSMUSG00000061286	0.649714111	0.005616232
<i>Slc12a6</i>	ENSMUSG00000027130	-0.80138767	0.005636047
<i>Cacna1h</i>	ENSMUSG00000024112	-2.65763994	0.005636047
<i>Sec22b</i>	ENSMUSG00000027879	0.581196394	0.005636047

<i>Arpc3</i>	ENSMUSG00000029465	0.575670572	0.005648406
<i>Phactr2</i>	ENSMUSG00000062866	-0.656603811	0.005660056
<i>Meis1</i>	ENSMUSG00000020160	-0.851497375	0.005660056
<i>Cgrefl</i>	ENSMUSG00000029161	1.634468388	0.005691304
<i>Oxal1</i>	ENSMUSG00000000959	-0.537743038	0.00570561
<i>Rplp1</i>	ENSMUSG00000007892	0.684312126	0.005742955
<i>Gm26809</i>	ENSMUSG00000097815	-0.81417895	0.005750241
<i>Slc1a4</i>	ENSMUSG00000020142	1.296822536	0.005750241
<i>Ano1</i>	ENSMUSG00000031075	-1.190579505	0.005754938
<i>Flt3</i>	ENSMUSG00000042817	3.060035376	0.005756678
<i>Ptch1</i>	ENSMUSG00000021466	-1.09422523	0.005759496
<i>Tmem65</i>	ENSMUSG00000062373	-0.698085951	0.005774318
<i>Fkbp7</i>	ENSMUSG00000002732	0.695996503	0.005774318
<i>Qsox2</i>	ENSMUSG00000036327	-0.974425441	0.005801269
<i>C7</i>	ENSMUSG00000079105	-1.018918054	0.005813932
<i>Grip2</i>	ENSMUSG00000030098	-1.366580254	0.005815973
<i>Ywhab</i>	ENSMUSG00000018326	0.505584145	0.005816425
<i>Acsm5</i>	ENSMUSG00000030972	-1.981329852	0.005825517
<i>Gm32369</i>	ENSMUSG00000112950	-3.398773238	0.005828046
<i>Plpp1</i>	ENSMUSG00000021759	0.606056616	0.005836198
<i>Slc35e1</i>	ENSMUSG00000019731	-0.669077498	0.005878457
<i>Necap2</i>	ENSMUSG00000028923	0.740245583	0.005891842
<i>Adprhl1</i>	ENSMUSG00000031448	-0.511074898	0.005893698
<i>Probl</i>	ENSMUSG00000073600	-0.764624026	0.005893698
<i>Psm3</i>	ENSMUSG00000060073	0.515901614	0.005894275
<i>Synj2</i>	ENSMUSG00000023805	-0.771850899	0.005894736
<i>Ramp1</i>	ENSMUSG00000034353	-0.767957777	0.005894736
<i>Gsta4</i>	ENSMUSG00000032348	-0.67718351	0.005894736
<i>Gipc1</i>	ENSMUSG00000019433	0.570925974	0.005894736
<i>Gpc1</i>	ENSMUSG00000034220	-0.727045324	0.005894736
<i>Rexo2</i>	ENSMUSG00000032026	0.636351903	0.005899155
<i>Fxyd6</i>	ENSMUSG00000066705	0.797263878	0.005899155
<i>Hist1h2be</i>	ENSMUSG00000047246	-1.152908143	0.005901199
<i>Paip2b</i>	ENSMUSG00000045896	-0.605873816	0.005912936
<i>Golga7</i>	ENSMUSG00000015341	0.543121386	0.005921855
<i>Zfp467</i>	ENSMUSG00000068551	-0.982078525	0.005934775
<i>Pgrmc1</i>	ENSMUSG00000006373	0.582048958	0.005973289
<i>Fam104a</i>	ENSMUSG00000041629	0.644135035	0.005982103
<i>Gm5526</i>	ENSMUSG00000084817	1.623343023	0.005992546
<i>Zfp106</i>	ENSMUSG00000027288	-0.647685706	0.006007081

<i>2310015D24Rik</i>	ENSMUSG00000099411	-2.220607919	0.006052784
<i>Aars</i>	ENSMUSG00000031960	0.609630295	0.006072351
<i>Foxo6os</i>	ENSMUSG00000084929	-1.434490057	0.006074138
<i>Ckm</i>	ENSMUSG00000030399	-0.823862872	0.006075888
<i>Arhgap27</i>	ENSMUSG00000034255	0.903453391	0.006075888
<i>Nudt7</i>	ENSMUSG00000031767	-0.655387482	0.006099966
<i>Cd53</i>	ENSMUSG00000040747	0.782108628	0.006099966
<i>Sema6c</i>	ENSMUSG00000038777	-1.673585225	0.006099966
<i>Wdr4</i>	ENSMUSG00000024037	0.927380228	0.00610504
<i>St3gal4</i>	ENSMUSG00000032038	-0.56698539	0.006129731
<i>Arfip2</i>	ENSMUSG00000030881	0.701092401	0.006129731
<i>Flna</i>	ENSMUSG00000031328	0.548525569	0.006136498
<i>Jph1</i>	ENSMUSG00000042686	-0.746782505	0.00614671
<i>Gm26862</i>	ENSMUSG00000097644	-2.19914292	0.006154011
<i>Gpt</i>	ENSMUSG00000022546	-0.894723091	0.006200662
<i>Cavin1</i>	ENSMUSG00000004044	0.488503193	0.006208205
<i>Cct2</i>	ENSMUSG00000034024	0.544136198	0.006209588
<i>Mfsd7a</i>	ENSMUSG00000029490	-1.621448282	0.006264342
<i>Gmfg</i>	ENSMUSG00000060791	0.872239905	0.006270154
<i>Adamts5</i>	ENSMUSG00000022894	0.627706703	0.006309619
<i>Rnf5</i>	ENSMUSG00000015478	-0.983463983	0.006322553
<i>Rps6-ps4</i>	ENSMUSG00000081406	0.619004478	0.00637856
<i>Mtmr2</i>	ENSMUSG00000031918	0.615721594	0.006381594
<i>Atpaf1</i>	ENSMUSG00000028710	-0.749669943	0.006417932
<i>Dio3os</i>	ENSMUSG00000113581	2.512153443	0.006418474
<i>Fam107b</i>	ENSMUSG00000026655	0.995642468	0.006431355
<i>Pi15</i>	ENSMUSG00000067780	1.175034211	0.006435735
<i>Pmpca</i>	ENSMUSG00000026926	-0.556190448	0.006435735
<i>Gm5559</i>	ENSMUSG00000096617	0.812007893	0.006443829
<i>Hsd17b12</i>	ENSMUSG00000027195	0.597786073	0.006443829
<i>Gzma</i>	ENSMUSG00000023132	1.840431949	0.006460834
<i>Clta</i>	ENSMUSG00000028478	0.525121667	0.006473058
<i>Npr2</i>	ENSMUSG00000028469	-0.682872421	0.006473058
<i>Fmnl2</i>	ENSMUSG00000036053	0.788521997	0.006493274
<i>Rxrg</i>	ENSMUSG00000015843	-0.756278303	0.006507637
<i>Pgm3</i>	ENSMUSG00000056131	0.957860277	0.006531903
<i>Rab27b</i>	ENSMUSG00000024511	1.31863311	0.006573663
<i>Rph3al</i>	ENSMUSG00000020847	-1.056492531	0.006573828
<i>Phf10</i>	ENSMUSG00000023883	0.606489854	0.006598137
<i>Kif20b</i>	ENSMUSG00000024795	1.811233097	0.006598137

<i>Ndufs1</i>	ENSMUSG00000025968	-0.668109775	0.006625564
<i>Gm6204</i>	ENSMUSG00000105879	1.704554358	0.006625608
<i>Gm26808</i>	ENSMUSG00000097489	-3.065264357	0.006648908
<i>Mgam</i>	ENSMUSG00000068587	2.986691937	0.006648908
<i>mt-Te</i>	ENSMUSG00000064369	-2.398230333	0.006696684
<i>Hist1h1c</i>	ENSMUSG00000036181	0.49967768	0.006696684
<i>Gm31600</i>	ENSMUSG00000114800	-5.573975945	0.006749664
<i>Cox15</i>	ENSMUSG00000040018	-0.619662555	0.006751939
<i>Pole3</i>	ENSMUSG00000028394	0.56708642	0.0067648
<i>Mtg2</i>	ENSMUSG00000039069	-0.680671835	0.00676902
<i>Junb</i>	ENSMUSG00000052837	1.032488317	0.006769861
<i>Rpl36a</i>	ENSMUSG00000079435	0.782695457	0.006774353
<i>Atg10</i>	ENSMUSG00000021619	-0.65583478	0.006789282
<i>Rps4x</i>	ENSMUSG00000031320	0.543040332	0.006813331
<i>Timm29</i>	ENSMUSG00000048429	-0.587042656	0.006817853
<i>Chaf1a</i>	ENSMUSG00000002835	1.122465838	0.006817853
<i>Gal3st2c</i>	ENSMUSG00000073608	-2.012844455	0.006824558
<i>Sox9</i>	ENSMUSG00000000567	1.200639093	0.006832275
<i>Trappc10</i>	ENSMUSG00000000374	-0.639773365	0.006832275
<i>Intu</i>	ENSMUSG00000060798	-0.79989471	0.006838962
<i>Daam1</i>	ENSMUSG00000034574	-0.656154608	0.006841881
<i>Kdm1b</i>	ENSMUSG00000038080	-0.781709727	0.006877415
<i>Etf1f1</i>	ENSMUSG00000040370	-0.617464686	0.006877415
<i>Clqb</i>	ENSMUSG00000036905	0.70167719	0.006893697
<i>Cavin4</i>	ENSMUSG00000028348	0.671008769	0.006905496
<i>Fam50a</i>	ENSMUSG00000001962	0.597833347	0.006914282
<i>Pkig</i>	ENSMUSG00000035268	-0.5016203	0.006914282
<i>Ptger3</i>	ENSMUSG00000040016	3.2687732	0.006914282
<i>Numbl</i>	ENSMUSG00000063160	0.770447884	0.006921605
<i>Till11</i>	ENSMUSG00000026885	1.206696851	0.0069265
<i>Unc45b</i>	ENSMUSG00000018845	-0.828673619	0.0069265
<i>Tpm3-rs7</i>	ENSMUSG00000058126	0.892881088	0.006931887
<i>Cyp4f18</i>	ENSMUSG00000003484	1.656554182	0.006942844
<i>Gm15640</i>	ENSMUSG00000085781	5.056504377	0.006945209
<i>Unc13b</i>	ENSMUSG00000028456	-0.731253786	0.006945209
<i>Klhl29</i>	ENSMUSG00000020627	1.89145935	0.006965086
<i>Vat1</i>	ENSMUSG00000034993	0.770867853	0.006966144
<i>Slc39a11</i>	ENSMUSG00000041654	1.031449845	0.006966144
<i>Asl</i>	ENSMUSG00000025533	0.786817821	0.006971823
<i>Amigo1</i>	ENSMUSG00000050947	-0.803830785	0.006974583

<i>Mgmt</i>	ENSMUSG00000054612	-0.774909067	0.006974583
<i>Rad51</i>	ENSMUSG00000027323	1.622359639	0.006974583
<i>Zfp568</i>	ENSMUSG00000074221	0.853037443	0.006974583
<i>Mef2a</i>	ENSMUSG00000030557	-0.570347709	0.006974583
<i>Gm13054</i>	ENSMUSG00000086806	4.509951514	0.006977148
<i>Immp11</i>	ENSMUSG00000042670	-0.541057983	0.00698552
<i>Myo1b</i>	ENSMUSG00000018417	0.829917613	0.006990612
<i>Gm2962</i>	ENSMUSG00000089838	-1.077158597	0.006990978
<i>Haus3</i>	ENSMUSG00000079555	0.93384849	0.006998369
<i>Klf2</i>	ENSMUSG00000055148	0.788373091	0.007045139
<i>Gulp1</i>	ENSMUSG00000056870	0.758271836	0.007097252
<i>Pnpla7</i>	ENSMUSG00000036833	-0.816152567	0.007098028
<i>Gpr27</i>	ENSMUSG00000072875	-1.001570624	0.007098028
<i>Pink1</i>	ENSMUSG00000028756	-0.52490653	0.007098028
<i>Oip5</i>	ENSMUSG00000072980	2.242919416	0.007117397
<i>Jmjd8</i>	ENSMUSG00000025736	-0.989863495	0.00711886
<i>2200002D01Rik</i>	ENSMUSG00000030587	1.46384017	0.007124612
<i>1810044D09Rik</i>	ENSMUSG00000100680	-1.323626878	0.007153799
<i>Ogdhl</i>	ENSMUSG00000021913	-1.675840034	0.007173038
<i>Bcl9l</i>	ENSMUSG00000063382	-0.823329589	0.007173038
<i>Pde9a</i>	ENSMUSG00000041119	1.008510929	0.007178322
<i>Ptgr2</i>	ENSMUSG00000072946	-0.555220549	0.007194196
<i>Cry2</i>	ENSMUSG00000068742	-0.60367143	0.007194247
<i>Rab8a</i>	ENSMUSG00000003037	0.547500173	0.007194247
<i>Lrrc58</i>	ENSMUSG00000034158	0.563875203	0.007220707
<i>Nop58</i>	ENSMUSG00000026020	0.690822779	0.007220707
<i>Sirpb1c</i>	ENSMUSG00000074677	2.547008864	0.007246235
<i>Mtss1</i>	ENSMUSG00000022353	-0.693449087	0.007256291
<i>Fam120c</i>	ENSMUSG00000025262	-1.242070625	0.007269487
<i>Stx2</i>	ENSMUSG00000029428	0.667616684	0.007300212
<i>Ip6k3</i>	ENSMUSG00000024210	1.064995841	0.00731545
<i>Tprn</i>	ENSMUSG00000048707	1.096188028	0.007322322
<i>Adcy7</i>	ENSMUSG00000031659	0.942306654	0.007328676
<i>Tpp1</i>	ENSMUSG00000030894	-0.620645365	0.007332666
<i>Rcsd1</i>	ENSMUSG00000040723	-0.543070911	0.007365783
<i>Coro1b</i>	ENSMUSG00000024835	0.560847432	0.007365865
<i>Eid2b</i>	ENSMUSG00000070705	-0.749314601	0.007405117
<i>Nobl</i>	ENSMUSG00000003848	0.628156499	0.007424949
<i>Osbp</i>	ENSMUSG00000024687	-0.567817203	0.007437955
<i>Psap</i>	ENSMUSG00000004207	-0.562754645	0.007485898

<i>Adm2</i>	ENSMUSG00000054136	3.674332713	0.007490254
<i>Eno3</i>	ENSMUSG00000060600	-0.753069191	0.007493951
<i>Sbno2</i>	ENSMUSG00000035673	0.793679815	0.00752484
<i>Nectin3</i>	ENSMUSG00000022656	0.826855932	0.007565321
<i>Kctd5</i>	ENSMUSG00000016946	0.712700938	0.007591967
<i>Med12l</i>	ENSMUSG00000056476	-1.643750911	0.007594156
<i>Dnd1</i>	ENSMUSG00000044595	-1.969332561	0.007618195
<i>Magix</i>	ENSMUSG00000031147	-1.096894057	0.007618195
<i>Rgs10</i>	ENSMUSG00000030844	0.770112536	0.007651015
<i>Tbc1d10a</i>	ENSMUSG00000034412	0.803472985	0.007670481
<i>Pcyt2</i>	ENSMUSG00000025137	-0.613250005	0.007676181
<i>Tyro3</i>	ENSMUSG00000027298	1.155630066	0.007682229
<i>Rorc</i>	ENSMUSG00000028150	-0.621776909	0.00770757
<i>Sec62</i>	ENSMUSG00000027706	0.6099118	0.00770757
<i>Prr33</i>	ENSMUSG00000043795	-1.431096077	0.00770757
<i>Napsa</i>	ENSMUSG00000002204	2.300920043	0.007715737
<i>Galnt15</i>	ENSMUSG00000021903	-0.597904	0.007715737
<i>Chst4</i>	ENSMUSG00000035930	-1.258466466	0.007716037
<i>Stard10</i>	ENSMUSG00000030688	-0.664529384	0.007716037
<i>Misl8a</i>	ENSMUSG00000022978	1.037666079	0.007750496
<i>Fem1a</i>	ENSMUSG00000043683	-0.667555157	0.007782264
<i>Fbln1</i>	ENSMUSG00000006369	-0.726965032	0.007807377
<i>Comt</i>	ENSMUSG00000000326	0.592258057	0.007829954
<i>Gss</i>	ENSMUSG00000027610	0.719031192	0.00783362
<i>Mid1ip1</i>	ENSMUSG00000008035	-1.631688835	0.00784239
<i>Itsn1</i>	ENSMUSG00000022957	-0.561348339	0.007845479
<i>Hlcs</i>	ENSMUSG00000040820	-0.979200647	0.007858749
<i>Fbxo16</i>	ENSMUSG00000034532	-3.128797365	0.007880314
<i>Nmnat3</i>	ENSMUSG00000032456	-0.680937592	0.007880314
<i>Uso1</i>	ENSMUSG00000029407	0.620070772	0.007881238
<i>Smc4</i>	ENSMUSG00000034349	0.60868852	0.00790911
<i>Hfe</i>	ENSMUSG00000006611	-0.548736197	0.007921432
<i>Coq8b</i>	ENSMUSG00000003762	0.900183849	0.007925972
<i>Pole4</i>	ENSMUSG00000030042	0.586361933	0.007925972
<i>Rpl39</i>	ENSMUSG00000079641	0.847394879	0.007935236
<i>Kdm6b</i>	ENSMUSG00000018476	-0.847106096	0.007943398
<i>Casp12</i>	ENSMUSG00000025887	0.695840337	0.007964554
<i>Plscr5</i>	ENSMUSG00000095654	-2.060379411	0.007974473
<i>Sae1</i>	ENSMUSG00000052833	0.557794673	0.007980153
<i>Lrp3</i>	ENSMUSG00000001802	-0.888254971	0.007991693

<i>Gm5737</i>	ENSMUSG00000109392	-4.397609163	0.008020452
<i>Mlf1</i>	ENSMUSG00000048416	-0.751969723	0.008026473
<i>Dnttip2</i>	ENSMUSG00000039756	0.535484146	0.008038574
<i>Gm13375</i>	ENSMUSG00000075514	-0.676109935	0.008046954
<i>Lgals4</i>	ENSMUSG00000053964	-1.510505434	0.008109252
<i>Fam210a</i>	ENSMUSG00000038121	-0.599978989	0.008126414
<i>Rhd</i>	ENSMUSG00000028825	-1.058202744	0.00813311
<i>Egf</i>	ENSMUSG00000028017	-1.767300999	0.008151352
<i>Lxn</i>	ENSMUSG00000047557	0.945288217	0.008173865
<i>Casc1</i>	ENSMUSG00000043541	-1.225598151	0.00821081
<i>Stil</i>	ENSMUSG00000028718	3.132507319	0.008212463
<i>Gm49492</i>	ENSMUSG00000116180	-1.787102868	0.008220275
<i>Susd3</i>	ENSMUSG00000021384	1.191916118	0.008220622
<i>Copb1</i>	ENSMUSG00000030754	0.537994042	0.008232922
<i>Cyb5r2</i>	ENSMUSG00000048065	-1.425382972	0.008252817
<i>Tmem182</i>	ENSMUSG00000079588	-0.590264636	0.008257782
<i>Cdc42se1</i>	ENSMUSG00000046722	0.612728375	0.008278635
<i>Haus7</i>	ENSMUSG00000031371	0.928029544	0.008278635
<i>2610507I01Rik</i>	ENSMUSG00000085882	-1.180864093	0.008284091
<i>Hsd11b2</i>	ENSMUSG00000031891	4.99318151	0.008293118
<i>Fads6</i>	ENSMUSG00000044788	-1.420266117	0.008303683
<i>Ncf4</i>	ENSMUSG00000071715	1.191140578	0.008303683
<i>Rpl11</i>	ENSMUSG00000059291	0.620254404	0.008304136
<i>Rad18</i>	ENSMUSG00000030254	1.434610416	0.008304136
<i>Tti1</i>	ENSMUSG00000027650	-0.80317612	0.008316248
<i>Tbc1d15</i>	ENSMUSG00000020130	0.618383416	0.008325909
<i>Cdc42ep4</i>	ENSMUSG00000041598	0.623742542	0.008344402
<i>Dysf</i>	ENSMUSG00000033788	0.570908635	0.008358044
<i>Plexd2</i>	ENSMUSG00000087141	3.980480796	0.008358044
<i>Plp2</i>	ENSMUSG00000031146	0.623606102	0.008370043
<i>Gpatch1</i>	ENSMUSG00000063808	-0.809843174	0.008396537
<i>Tnnt1</i>	ENSMUSG00000064179	-0.836070698	0.008476686
<i>Tcap</i>	ENSMUSG00000007877	-0.84968708	0.008476686
<i>Ska3</i>	ENSMUSG00000021965	2.496386066	0.008508765
<i>Pi16</i>	ENSMUSG00000024011	0.635317467	0.008508765
<i>Trip11</i>	ENSMUSG00000021188	-0.732418914	0.008508765
<i>Zfp853</i>	ENSMUSG00000093910	4.499180701	0.008508765
<i>Hacd1</i>	ENSMUSG00000063275	0.709243143	0.008517863
<i>Polrmt</i>	ENSMUSG00000020329	-0.793966543	0.008538087
<i>Fau</i>	ENSMUSG00000038274	0.680705583	0.008542557

<i>Ccdc186</i>	ENSMUSG00000035173	-0.715698622	0.008557453
<i>Gch1</i>	ENSMUSG00000037580	0.764716676	0.008557478
<i>Rasd1</i>	ENSMUSG00000049892	1.082805818	0.008602241
<i>Ankrd50</i>	ENSMUSG00000044864	-0.726281866	0.008602241
<i>Cfap36</i>	ENSMUSG00000020462	0.650640427	0.008602241
<i>Scpep1</i>	ENSMUSG00000000278	0.631044442	0.008615239
<i>Adgrl4</i>	ENSMUSG00000039167	0.666800373	0.0086207
<i>Rgs6</i>	ENSMUSG00000021219	-0.70589965	0.008623499
<i>Ezr</i>	ENSMUSG00000052397	-0.619445651	0.008623499
<i>Rps3a1</i>	ENSMUSG00000028081	0.49793456	0.008635833
<i>Mmaa</i>	ENSMUSG00000037022	-0.79524714	0.008672171
<i>Epb41l2</i>	ENSMUSG00000019978	0.55061916	0.008675349
<i>Cdh4</i>	ENSMUSG00000000305	-2.074223957	0.008675349
<i>Iqgap3</i>	ENSMUSG00000028068	1.661132626	0.008688016
<i>Reep3</i>	ENSMUSG00000019873	0.556082207	0.008704622
<i>Gpsm1</i>	ENSMUSG00000026930	-0.578296858	0.008704622
<i>Prlr</i>	ENSMUSG00000005268	-1.931264226	0.008708811
<i>Hmgcs2</i>	ENSMUSG00000027875	-0.903001809	0.008718107
<i>Ppp1r37</i>	ENSMUSG00000051403	-0.543574055	0.008720453
<i>Fkbp10</i>	ENSMUSG00000001555	0.713755685	0.008750056
<i>Rpl7a-ps5</i>	ENSMUSG00000071052	0.765425687	0.008750599
<i>Rpl35a-ps3</i>	ENSMUSG00000067575	1.372546671	0.00876124
<i>Bcar1</i>	ENSMUSG00000031955	0.724624253	0.008804775
<i>Col6a6</i>	ENSMUSG00000043719	-1.129539993	0.008804775
<i>Ash1l</i>	ENSMUSG00000028053	-0.639521284	0.008812579
<i>Map1lc3b</i>	ENSMUSG00000031812	-0.477891511	0.008867501
<i>Nme1</i>	ENSMUSG00000037601	0.779072245	0.008867501
<i>Upf2</i>	ENSMUSG00000043241	-0.685065662	0.008867501
<i>Fgf14</i>	ENSMUSG00000025551	-1.293658407	0.00887678
<i>Spsb4</i>	ENSMUSG00000046997	1.001012892	0.008885544
<i>Fastkd1</i>	ENSMUSG00000027086	-0.944568563	0.008902399
<i>Sgcg</i>	ENSMUSG00000035296	-0.609292307	0.008906134
<i>Hdgfl3</i>	ENSMUSG00000025104	0.718825398	0.008952071
<i>Eya2</i>	ENSMUSG00000017897	1.130741574	0.008959559
<i>Patj</i>	ENSMUSG00000061859	-0.798833003	0.008959559
<i>Dtx3</i>	ENSMUSG00000040415	-0.695674165	0.008999033
<i>Abcb10</i>	ENSMUSG00000031974	-0.6607203	0.009005326
<i>Tsr3</i>	ENSMUSG00000015126	0.761616804	0.009031746
<i>Phkb</i>	ENSMUSG00000036879	-0.666272849	0.009072781
<i>Gm12319</i>	ENSMUSG00000087523	-1.507576194	0.009073115

<i>Snai1</i>	ENSMUSG00000042821	1.084657589	0.009080675
<i>Dapk2</i>	ENSMUSG00000032380	0.968323123	0.009081549
<i>Aprt</i>	ENSMUSG00000006589	0.72026038	0.009081549
<i>Creb3l2</i>	ENSMUSG00000038648	0.684064209	0.00908389
<i>Fam149b</i>	ENSMUSG00000039599	-0.575184073	0.009084984
<i>Helt</i>	ENSMUSG00000047171	-2.163242154	0.009087124
<i>Fam171a2</i>	ENSMUSG00000034685	0.846246818	0.009102899
<i>Anapc13</i>	ENSMUSG00000035048	-0.794861871	0.009134495
<i>Pde1c</i>	ENSMUSG00000004347	-0.74469305	0.009134495
<i>Rps6</i>	ENSMUSG00000028495	0.545376481	0.009134495
<i>Cyba</i>	ENSMUSG00000006519	0.641681927	0.009135128
<i>Arntl</i>	ENSMUSG00000055116	1.378036396	0.009150136
<i>Traf1</i>	ENSMUSG00000026875	1.347455571	0.009160035
<i>Gsdma</i>	ENSMUSG00000017204	4.299761926	0.009169978
<i>Stmn2</i>	ENSMUSG00000027500	0.949316413	0.009221174
<i>2610507B11Rik</i>	ENSMUSG00000010277	-0.56803898	0.009238047
<i>Lpgat1</i>	ENSMUSG00000026623	-0.577322441	0.009279194
<i>Crybg3</i>	ENSMUSG00000022723	-0.838134053	0.009279194
<i>Creld2</i>	ENSMUSG00000023272	0.765664121	0.009286871
<i>Gdf3</i>	ENSMUSG00000030117	3.418499935	0.009329424
<i>Cfdp1</i>	ENSMUSG00000031954	0.534049786	0.009329424
<i>Herc1</i>	ENSMUSG00000038664	-0.76643262	0.009345772
<i>Arrb2</i>	ENSMUSG00000060216	0.694587195	0.009357668
<i>Hcn2</i>	ENSMUSG00000020331	-0.660345421	0.009368003
<i>Elmod3</i>	ENSMUSG00000056698	-0.860717543	0.009377064
<i>Tmem97</i>	ENSMUSG00000037278	0.859635869	0.009377064
<i>Rpl36a-ps2</i>	ENSMUSG00000105388	0.831553752	0.009377064
<i>Rpl6l</i>	ENSMUSG00000091086	0.647396791	0.009377064
<i>Gapdh</i>	ENSMUSG00000057666	3.071091605	0.009393116
<i>Ctnn</i>	ENSMUSG00000031078	0.607938459	0.009397508
<i>Notch4</i>	ENSMUSG00000015468	0.711168677	0.009410009
<i>Zfp72</i>	ENSMUSG00000069184	-1.255348835	0.009428662
<i>Ssr4</i>	ENSMUSG00000002014	0.603378951	0.00945193
<i>Mnat1</i>	ENSMUSG00000021103	0.623039554	0.009466068
<i>Vars</i>	ENSMUSG00000007029	0.654715186	0.009467672
<i>Ptpn12</i>	ENSMUSG00000028771	0.587670791	0.00947005
<i>Apbb2</i>	ENSMUSG00000029207	-0.60023892	0.009480219
<i>Gm5561</i>	ENSMUSG00000096474	1.314334073	0.009480219
<i>Socs2</i>	ENSMUSG00000020027	0.551631762	0.009493536
<i>Rnf114</i>	ENSMUSG00000006418	-0.53877324	0.009525274

<i>Ptpn4</i>	ENSMUSG00000026384	-0.804830115	0.009528061
<i>Mast2</i>	ENSMUSG00000003810	-0.5643655	0.009534818
<i>Gm29237</i>	ENSMUSG00000101872	-2.588333051	0.009534818
<i>Tufm</i>	ENSMUSG00000073838	-0.558892253	0.009536719
<i>2700099C18Rik</i>	ENSMUSG00000098090	2.368774376	0.00954619
<i>Reep5</i>	ENSMUSG00000005873	-0.569263077	0.009549779
<i>Med11</i>	ENSMUSG00000018923	0.75424349	0.009566049
<i>Ccdc85b</i>	ENSMUSG00000095098	0.645734035	0.009584662
<i>Amacr</i>	ENSMUSG00000022244	-0.775565774	0.009597114
<i>Ppfibp2</i>	ENSMUSG00000036528	-0.80613166	0.009634554
<i>Ptk2</i>	ENSMUSG00000022607	0.584125983	0.009671233
<i>Zfp60</i>	ENSMUSG00000037640	-0.922995974	0.009676799
<i>Layn</i>	ENSMUSG00000060594	0.861724958	0.009684041
<i>Crip2</i>	ENSMUSG00000006356	-0.509319055	0.009714029
<i>Smarca1</i>	ENSMUSG00000031099	1.349475669	0.009727626
<i>Kmt2a</i>	ENSMUSG00000002028	-0.789918291	0.009753938
<i>Snx8</i>	ENSMUSG00000029560	0.618682829	0.009766518
<i>Dkk3</i>	ENSMUSG00000030772	0.954257063	0.009774196
<i>Lpar4</i>	ENSMUSG00000049929	1.198728282	0.009824801
<i>Tmem120a</i>	ENSMUSG00000039886	0.579044845	0.009836268
<i>Cyb5d1</i>	ENSMUSG00000044795	-0.892590884	0.00990431
<i>Gfm1</i>	ENSMUSG00000027774	-0.601757234	0.009906885
<i>Crk</i>	ENSMUSG00000017776	0.499000296	0.009912078
<i>Gm20686</i>	ENSMUSG00000093697	-3.939289842	0.00991658
<i>Dnajc27</i>	ENSMUSG00000020657	-0.786899186	0.009922345
<i>Sgol</i>	ENSMUSG00000023940	2.672451289	0.009940092
<i>2900097C17Rik</i>	ENSMUSG00000102869	-0.534828278	0.009940092
<i>Clec12a</i>	ENSMUSG00000053063	0.842297312	0.009940092
<i>Prpf19</i>	ENSMUSG00000024735	-0.550661197	0.009940092
<i>Stx8</i>	ENSMUSG00000020903	0.52425139	0.009969147
<i>Hs1bp3</i>	ENSMUSG00000020605	-0.82646845	0.009969147
<i>Anxa11</i>	ENSMUSG00000021866	-0.683688217	0.010028071
<i>Patz1</i>	ENSMUSG00000020453	-0.778268055	0.010036558
<i>Gm37691</i>	ENSMUSG00000104348	-1.548124721	0.010049973
<i>Fam83d</i>	ENSMUSG00000027654	2.053687468	0.010061126
<i>Gm9531</i>	ENSMUSG00000079225	0.867460756	0.010094923
<i>Frmd8</i>	ENSMUSG00000024816	0.725280483	0.010094923
<i>Ube2d1</i>	ENSMUSG00000019927	-0.710000879	0.01011148
<i>Lyn</i>	ENSMUSG00000042228	0.659275545	0.010120011
<i>Itpr3</i>	ENSMUSG00000042644	-0.873718759	0.010122545

<i>Slc15a3</i>	ENSMUSG00000024737	1.227931365	0.010122545
<i>Tnfrsf1a</i>	ENSMUSG00000030341	0.530148711	0.010167807
<i>Slc41a3</i>	ENSMUSG00000030089	-0.841083342	0.010252825
<i>Ctxn3</i>	ENSMUSG00000069372	3.183677987	0.01025811
<i>Flnc</i>	ENSMUSG00000068699	0.805276401	0.010376386
<i>mt-Tq</i>	ENSMUSG00000064343	-2.665554295	0.010376386
<i>Shmt1</i>	ENSMUSG00000020534	-0.961626012	0.010417883
<i>Gm6863</i>	ENSMUSG00000043483	0.542368134	0.010442952
<i>Mas1</i>	ENSMUSG00000068037	-5.48081932	0.010540626
<i>Nasp</i>	ENSMUSG00000028693	0.646501548	0.010545758
<i>Twnk</i>	ENSMUSG00000025209	-0.780025691	0.010554881
<i>Gm8121</i>	ENSMUSG00000051116	-0.674346356	0.010554881
<i>Nmt1</i>	ENSMUSG00000020936	0.590173246	0.010561467
<i>Actr10</i>	ENSMUSG00000021076	0.506025669	0.010571694
<i>Eif4ebp2</i>	ENSMUSG00000020091	-0.569173328	0.010585245
<i>Psmc6</i>	ENSMUSG00000021024	0.453718657	0.010600171
<i>Foxj2</i>	ENSMUSG00000003154	-0.796344693	0.010630874
<i>Gm17281</i>	ENSMUSG00000097317	-0.957411804	0.010645179
<i>Zfp882</i>	ENSMUSG00000089857	-1.929183541	0.010659712
<i>Parp14</i>	ENSMUSG00000034422	-0.823658221	0.010707218
<i>Gng8</i>	ENSMUSG00000063594	1.6902114	0.010728898
<i>Gm15867</i>	ENSMUSG00000089812	2.29453087	0.010728989
<i>Jup</i>	ENSMUSG00000001552	-0.504654568	0.010770133
<i>Nop9</i>	ENSMUSG00000019297	0.621530744	0.010808174
<i>Rab6b</i>	ENSMUSG00000032549	-0.770090323	0.010813862
<i>Gstz1</i>	ENSMUSG00000021033	-0.598636697	0.01084322
<i>Ppme1</i>	ENSMUSG00000030718	0.590450913	0.010852693
<i>Lonp1</i>	ENSMUSG00000041168	0.51127531	0.010882648
<i>Gprc5c</i>	ENSMUSG00000051043	-1.194071977	0.010902978
<i>Slc4a3</i>	ENSMUSG00000006576	-0.701147472	0.010930687
<i>Kat6a</i>	ENSMUSG00000031540	-0.740374334	0.010930687
<i>Klf4</i>	ENSMUSG00000003032	0.618144203	0.010938591
<i>Lck</i>	ENSMUSG00000000409	1.925779723	0.010965329
<i>2010204K13Rik</i>	ENSMUSG00000063018	2.093498601	0.010988309
<i>Stard3</i>	ENSMUSG00000018167	-0.737176621	0.011007676
<i>Tmprss6</i>	ENSMUSG00000016942	3.182307242	0.011016627
<i>Col5a3</i>	ENSMUSG00000004098	1.072786357	0.011032852
<i>Gm30970</i>	ENSMUSG00000115637	-1.537532722	0.011043809
<i>Aco2</i>	ENSMUSG00000022477	0.714291863	0.011043809
<i>Illrn</i>	ENSMUSG00000026981	1.774393424	0.011043809

<i>Rps23</i>	ENSMUSG00000049517	0.607864705	0.011044429
<i>S100a13</i>	ENSMUSG00000042312	0.7287771	0.011051487
<i>Ggh</i>	ENSMUSG00000073987	0.596497851	0.011070018
<i>Ndufa4</i>	ENSMUSG00000029632	-0.521492113	0.011077447
<i>Dnaja4</i>	ENSMUSG00000032285	0.626902102	0.0111002
<i>Hemk1</i>	ENSMUSG00000032579	-0.739317733	0.011104444
<i>Rragb</i>	ENSMUSG00000041658	-1.311674191	0.011132751
<i>Hrc</i>	ENSMUSG00000038239	-1.421097408	0.011165052
<i>Rpl31-ps8</i>	ENSMUSG00000067870	0.649223853	0.011177048
<i>Snhg5</i>	ENSMUSG00000097195	0.981175357	0.011177048
<i>2810414N06Rik</i>	ENSMUSG00000100594	-1.303053423	0.011200824
<i>Phf2</i>	ENSMUSG00000038025	-0.605343721	0.011212399
<i>Pdlim4</i>	ENSMUSG00000020388	-0.743564211	0.011212399
<i>Gm36535</i>	ENSMUSG00000105376	-2.002581668	0.01124555
<i>Akr1b7</i>	ENSMUSG00000052131	4.854947638	0.01124555
<i>Cited4</i>	ENSMUSG00000070803	-0.915637934	0.011253223
<i>Bdnf</i>	ENSMUSG00000048482	0.813513307	0.011257432
<i>Dpy19l1</i>	ENSMUSG00000043067	0.677940352	0.01125871
<i>Zfp612</i>	ENSMUSG00000044676	-1.346529533	0.011271777
<i>Grhpr</i>	ENSMUSG00000035637	0.525760067	0.011271777
<i>Gm4535</i>	ENSMUSG00000091083	-1.069334578	0.011311
<i>Kiz</i>	ENSMUSG00000074749	-0.619409365	0.011321045
<i>Sirt7</i>	ENSMUSG00000025138	0.738851478	0.011329355
<i>Tedc1</i>	ENSMUSG00000037466	1.93204317	0.011332337
<i>Lrch2</i>	ENSMUSG00000031290	1.113429749	0.011340407
<i>Rgn</i>	ENSMUSG00000023070	-3.601907001	0.011377783
<i>Msx1</i>	ENSMUSG00000048450	0.958450254	0.011377783
<i>Mgat5b</i>	ENSMUSG00000043857	2.849170197	0.01140042
<i>Npl</i>	ENSMUSG00000042684	1.150731047	0.011411164
<i>Dok5</i>	ENSMUSG00000027560	2.059625266	0.011411164
<i>Slc30a4</i>	ENSMUSG00000005802	0.690799458	0.011431654
<i>Mdk</i>	ENSMUSG00000027239	1.081966679	0.011434555
<i>Bnc1</i>	ENSMUSG00000025105	-1.7428373	0.011466622
<i>Rps16</i>	ENSMUSG00000037563	0.647374196	0.011466663
<i>Inpp5d</i>	ENSMUSG00000026288	0.695887706	0.011472127
<i>Agtpbp1</i>	ENSMUSG00000021557	-0.677820457	0.011564325
<i>Bcl10</i>	ENSMUSG00000028191	0.587200494	0.011583854
<i>Fcgr1</i>	ENSMUSG00000015947	0.829592547	0.011603815
<i>Tmem9b</i>	ENSMUSG00000031021	0.531068824	0.011636728
<i>Gm12519</i>	ENSMUSG00000085643	-1.782458867	0.011685549

<i>Marf1</i>	ENSMUSG00000060657	-0.593291904	0.011715283
<i>Mto1</i>	ENSMUSG00000032342	-0.709057292	0.011782776
<i>Angpt4</i>	ENSMUSG00000027460	2.299864425	0.011793741
<i>Fkbp1a</i>	ENSMUSG00000032966	0.534103143	0.011846852
<i>Plet1os</i>	ENSMUSG00000101304	-1.07512694	0.011864864
<i>Clca3a2</i>	ENSMUSG00000028262	-5.449180216	0.011903743
<i>Pard6g</i>	ENSMUSG00000056214	0.837234565	0.01200697
<i>Drd2</i>	ENSMUSG00000032259	-0.99989717	0.01200697
<i>Tusc3</i>	ENSMUSG00000039530	0.524736787	0.01200697
<i>Vegfd</i>	ENSMUSG00000031380	0.890331757	0.012009954
<i>Kcnd3</i>	ENSMUSG00000040896	-1.165239379	0.012012324
<i>Nt5dc3</i>	ENSMUSG00000054027	-0.626447113	0.01209899
<i>Gm2830</i>	ENSMUSG00000086567	1.272561757	0.012101074
<i>Acpl</i>	ENSMUSG00000044573	0.566124165	0.012122202
<i>Calr3</i>	ENSMUSG00000019732	-0.776211081	0.012122202
<i>Neil3</i>	ENSMUSG00000039396	2.627330438	0.012122202
<i>Zkscan7</i>	ENSMUSG00000063488	-1.589192604	0.012193674
<i>Fam180a</i>	ENSMUSG00000047420	1.484631294	0.012245036
<i>Ext1</i>	ENSMUSG00000061731	0.681617208	0.012370598
<i>Pafah2</i>	ENSMUSG00000037366	-0.80622513	0.012386112
<i>Crabp2</i>	ENSMUSG00000004885	5.465431513	0.012392815
<i>Lonrf1</i>	ENSMUSG00000039633	-0.866953487	0.012437562
<i>Coa5</i>	ENSMUSG00000026112	-0.509047155	0.012442016
<i>Gm31812</i>	ENSMUSG00000109599	-3.525425546	0.012442741
<i>Gm6136</i>	ENSMUSG00000084106	0.655878132	0.012465006
<i>Tmx4</i>	ENSMUSG00000034723	-0.541527455	0.012491903
<i>AW549877</i>	ENSMUSG00000041935	-0.609059169	0.012505723
<i>Tslrn1</i>	ENSMUSG00000085757	5.32565765	0.012571012
<i>Nus1</i>	ENSMUSG00000023068	0.509586631	0.012573524
<i>D5Erttd579e</i>	ENSMUSG00000029190	-0.56833944	0.012597543
<i>Cdon</i>	ENSMUSG00000038119	-0.950066069	0.012701463
<i>AU020206</i>	ENSMUSG00000097415	-0.924163151	0.012701463
<i>Fzd1</i>	ENSMUSG00000044674	0.824452665	0.012701654
<i>Iscu</i>	ENSMUSG00000025825	-0.683793633	0.01276278
<i>Epm2aip1</i>	ENSMUSG00000046785	-0.699960344	0.012817778
<i>Egln2</i>	ENSMUSG00000058709	0.5384327	0.012843871
<i>Gtf2h1</i>	ENSMUSG00000006599	0.613680154	0.012898992
<i>mt-Nd6</i>	ENSMUSG00000064368	-0.77197703	0.01295663
<i>Rfc2</i>	ENSMUSG00000023104	0.586194619	0.012963808
<i>Prrc2a</i>	ENSMUSG00000024393	-0.529857808	0.012991531

<i>Ssb</i>	ENSMUSG00000068882	0.498270702	0.013040856
<i>Lclat1</i>	ENSMUSG00000054469	-0.692110274	0.013040856
<i>Perm1</i>	ENSMUSG00000078486	-0.720772775	0.013040856
<i>Poldip2</i>	ENSMUSG00000001100	-0.475743305	0.013049986
<i>Pdzd4</i>	ENSMUSG00000002006	1.044226812	0.013049986
<i>Mpdz</i>	ENSMUSG00000028402	-0.55152323	0.013052078
<i>Shld1</i>	ENSMUSG00000044991	-0.855437367	0.013104694
<i>Bnip3l</i>	ENSMUSG00000022051	0.589919438	0.013143488
<i>Nop56</i>	ENSMUSG00000027405	0.600483537	0.013151695
<i>Sqle</i>	ENSMUSG00000022351	1.402944052	0.013177806
<i>Rhod</i>	ENSMUSG00000041845	0.79599584	0.013186175
<i>Tns1</i>	ENSMUSG00000055322	-0.681358486	0.013186175
<i>Cybrd1</i>	ENSMUSG00000027015	-1.449294935	0.013204478
<i>Slc26a3</i>	ENSMUSG00000001225	-1.400327891	0.013211133
<i>Mavs</i>	ENSMUSG00000037523	-0.525543094	0.013214717
<i>Cd84</i>	ENSMUSG00000038147	0.910190927	0.013246971
<i>Dcun1d3</i>	ENSMUSG00000048787	0.731630703	0.013274392
<i>Abcg2</i>	ENSMUSG00000029802	0.599957386	0.01328644
<i>Pld3</i>	ENSMUSG00000003363	0.570246769	0.013300273
<i>Tmem179</i>	ENSMUSG00000054013	-2.110492839	0.013321642
<i>AC121151.1</i>	ENSMUSG00000116757	1.020907512	0.013323432
<i>Impdh2</i>	ENSMUSG00000062867	0.534387302	0.013348264
<i>P4htm</i>	ENSMUSG00000006675	-0.744827741	0.013368888
<i>Xirp1</i>	ENSMUSG00000079243	0.763370136	0.013368888
<i>Stat5b</i>	ENSMUSG00000020919	-0.56692601	0.013466352
<i>Cd40</i>	ENSMUSG00000017652	0.956758307	0.013466352
<i>Ccnd1</i>	ENSMUSG00000070348	0.654621634	0.013485792
<i>Ehd2</i>	ENSMUSG00000074364	0.50642434	0.013502987
<i>Ufsp2</i>	ENSMUSG00000031634	0.672040193	0.013517345
<i>Ap2m1</i>	ENSMUSG00000022841	0.447510191	0.013517571
<i>Abr</i>	ENSMUSG00000017631	-0.664418679	0.01357182
<i>Cd274</i>	ENSMUSG00000016496	-1.129978491	0.013581736
<i>Gm3788</i>	ENSMUSG00000094392	0.988382833	0.013613992
<i>Rassf10</i>	ENSMUSG00000098132	-1.171134035	0.013630107
<i>Gstol</i>	ENSMUSG00000025068	0.476367267	0.013779849
<i>Selenom</i>	ENSMUSG00000075702	0.669865295	0.013785431
<i>Gm10736</i>	ENSMUSG00000096842	-1.726579147	0.013785431
<i>E230013L22Rik</i>	ENSMUSG00000096957	1.043416944	0.013785674
<i>Naa40</i>	ENSMUSG00000024764	-0.764044753	0.013791287
<i>Arhgap15</i>	ENSMUSG00000049744	0.991496301	0.013791287

<i>1110008L16Rik</i>	ENSMUSG00000021023	-0.846875554	0.013796844
<i>Ephx3</i>	ENSMUSG00000037577	2.191191124	0.01379794
<i>Gm19461</i>	ENSMUSG00000101693	-1.174558576	0.01379794
<i>Gng12</i>	ENSMUSG00000036402	0.562711947	0.013802787
<i>Gm7694</i>	ENSMUSG00000102752	-1.004194422	0.013818029
<i>Frs3</i>	ENSMUSG00000023266	-1.098476516	0.013818029
<i>Smim26</i>	ENSMUSG00000074754	-0.619326246	0.013832465
<i>Vamp2</i>	ENSMUSG00000020894	-0.520954137	0.013864117
<i>9030619P08Rik</i>	ENSMUSG00000053168	-5.338897351	0.013867641
<i>Tm6sf1</i>	ENSMUSG00000038623	0.870835676	0.013876511
<i>Adgr12</i>	ENSMUSG00000028184	-0.75702797	0.013878586
<i>Kras</i>	ENSMUSG00000030265	0.516596523	0.013883792
<i>Cep83os</i>	ENSMUSG00000097164	-0.969707793	0.013883792
<i>Gm5905</i>	ENSMUSG00000110275	1.318215167	0.013883792
<i>Fbxl15</i>	ENSMUSG00000025226	0.772974765	0.013916139
<i>Gm33543</i>	ENSMUSG00000110353	-1.592004081	0.013942298
<i>Tmem82</i>	ENSMUSG00000043085	-1.132210157	0.013965266
<i>Dlg4</i>	ENSMUSG00000020886	0.886120677	0.014044578
<i>Gpr65</i>	ENSMUSG00000021886	1.093398682	0.014044578
<i>Nifk</i>	ENSMUSG00000026377	0.591523647	0.014068635
<i>Taf4</i>	ENSMUSG00000039117	-0.764865577	0.01407453
<i>Mrps21</i>	ENSMUSG00000054312	-0.663096357	0.014085962
<i>Ano4</i>	ENSMUSG00000035189	-1.186561995	0.014148984
<i>Six4</i>	ENSMUSG00000034460	-1.537256963	0.01417449
<i>Vps13d</i>	ENSMUSG00000020220	-0.748983052	0.01417449
<i>Rpl9-ps6</i>	ENSMUSG00000062456	0.696996082	0.014190401
<i>Tmem266</i>	ENSMUSG00000032313	-1.195959284	0.014211673
<i>Vps13c</i>	ENSMUSG00000035284	-0.917417258	0.014244741
<i>Dcaf13</i>	ENSMUSG00000022300	0.576209713	0.014251567
<i>Atp8b1</i>	ENSMUSG00000039529	0.830643407	0.014277635
<i>Psemb6</i>	ENSMUSG00000018286	0.439619192	0.014296599
<i>Ldb3</i>	ENSMUSG00000021798	-0.568792464	0.014399689
<i>Slc16a8</i>	ENSMUSG00000032988	-2.157957347	0.014399689
<i>Eif3i</i>	ENSMUSG00000028798	0.467703319	0.014399689
<i>Ppp2r2d</i>	ENSMUSG00000041769	0.526156092	0.014399689
<i>Mnt</i>	ENSMUSG00000000282	-0.788556945	0.014400875
<i>Des</i>	ENSMUSG00000026208	0.722681772	0.014412296
<i>Rps24</i>	ENSMUSG00000025290	0.535793693	0.014430461
<i>Rab11fip2</i>	ENSMUSG00000040022	-1.075169923	0.014431713
<i>Dusp4</i>	ENSMUSG00000031530	1.777629123	0.01445407

<i>Ypel3</i>	ENSMUSG00000042675	-0.654458986	0.014459537
<i>Trim16</i>	ENSMUSG00000047821	0.9126025	0.014491864
<i>Gjc2</i>	ENSMUSG00000043448	1.195131223	0.014541383
<i>Itm2c</i>	ENSMUSG00000026223	0.510197044	0.014541383
<i>Sp140</i>	ENSMUSG00000070031	0.90722411	0.014546701
<i>Eif2s1</i>	ENSMUSG00000021116	0.51935272	0.014546701
<i>Txndc9</i>	ENSMUSG00000058407	0.462247533	0.014562885
<i>Cog5</i>	ENSMUSG00000035933	-0.677943078	0.014579233
<i>Ehd4</i>	ENSMUSG00000027293	0.609600582	0.014590295
<i>Zbtb12</i>	ENSMUSG00000049823	-1.042647597	0.014590295
<i>Akr1b3</i>	ENSMUSG00000001642	-0.54016347	0.0146273
<i>Ank3</i>	ENSMUSG00000069601	-0.695642659	0.014664474
<i>Ift74</i>	ENSMUSG00000028576	0.767949113	0.014679706
<i>Olfml2b</i>	ENSMUSG00000038463	0.692753171	0.014682968
<i>Gm28723</i>	ENSMUSG00000101028	2.45001027	0.014751723
<i>Btk</i>	ENSMUSG00000016758	-0.866141269	0.014751723
<i>Ric8a</i>	ENSMUSG00000025485	0.533945239	0.014755176
<i>Gm44275</i>	ENSMUSG00000107768	5.373598716	0.014786726
<i>Gm9794</i>	ENSMUSG00000107176	0.589111779	0.014809065
<i>G2e3</i>	ENSMUSG00000035293	1.020967984	0.014816326
<i>Mapkapk3</i>	ENSMUSG00000032577	-0.577767232	0.014853899
<i>Erc1</i>	ENSMUSG00000030172	-0.88001757	0.014879201
<i>Cds2</i>	ENSMUSG00000058793	-0.510118938	0.014882102
<i>Dnajc12</i>	ENSMUSG00000036764	-0.725821316	0.014911808
<i>Thal</i>	ENSMUSG00000017713	-0.959901908	0.014926464
<i>Il1rl2</i>	ENSMUSG00000070942	1.058754011	0.014926464
<i>Mfap3l</i>	ENSMUSG00000031647	-1.015688276	0.014959787
<i>Atp5a1</i>	ENSMUSG00000025428	-0.489230624	0.014988632
<i>2310016G11Rik</i>	ENSMUSG00000070574	-1.8172025	0.014992325
<i>Rab11fip3</i>	ENSMUSG00000037098	-0.728328789	0.015047239
<i>Klf12</i>	ENSMUSG00000072294	-1.202355651	0.015112035
<i>Sh3pxd2b</i>	ENSMUSG00000040711	0.912645912	0.015130824
<i>Tmem176b</i>	ENSMUSG00000029810	0.547108323	0.015153793
<i>Agl</i>	ENSMUSG00000033400	-0.635656449	0.015180422
<i>Asap3</i>	ENSMUSG00000036995	-0.816558577	0.015201049
<i>Maged2</i>	ENSMUSG00000025268	0.570878889	0.015234495
<i>Snx4</i>	ENSMUSG00000022808	0.492949018	0.015234495
<i>Gfra4</i>	ENSMUSG00000027316	-1.114706825	0.015251233
<i>Col28a1</i>	ENSMUSG00000068794	2.105620449	0.015274029
<i>Ybey</i>	ENSMUSG00000033126	-1.117096697	0.015282099

<i>Fam217b</i>	ENSMUSG00000070476	-0.838143511	0.015302054
<i>Mlip</i>	ENSMUSG00000032355	-0.489957216	0.01533827
<i>Asb16</i>	ENSMUSG00000034768	-1.835778406	0.015344888
<i>Rad54l2</i>	ENSMUSG00000040661	-0.927120438	0.015352989
<i>Mmrn1</i>	ENSMUSG00000054641	0.839321471	0.015361881
<i>Crebl2</i>	ENSMUSG00000032652	-0.684041701	0.01548668
<i>2310009A05Rik</i>	ENSMUSG00000098332	-0.903529191	0.015492181
<i>Ace2</i>	ENSMUSG00000015405	1.580279892	0.015516001
<i>Cox6a1</i>	ENSMUSG00000041697	0.553064145	0.015521989
<i>Mmp2</i>	ENSMUSG00000031740	0.535077914	0.015615136
<i>1810059H22Rik</i>	ENSMUSG00000108207	-2.069123743	0.015615136
<i>Nbeal2</i>	ENSMUSG00000056724	-0.985621971	0.015616079
<i>Coll1a1</i>	ENSMUSG00000027966	4.707872349	0.015668151
<i>Gm15772</i>	ENSMUSG00000062353	0.557906091	0.015669459
<i>Gm9118</i>	ENSMUSG00000112825	1.112313546	0.015696564
<i>D430042O09Rik</i>	ENSMUSG00000032743	-0.890037704	0.015707226
<i>Myl12a</i>	ENSMUSG00000024048	0.604737514	0.015715875
<i>Sun1</i>	ENSMUSG00000036817	-0.567679354	0.01573474
<i>mt-Co2</i>	ENSMUSG00000064354	-1.495290365	0.015785082
<i>Phyhip</i>	ENSMUSG00000003469	-0.806339135	0.015787882
<i>Myo18b</i>	ENSMUSG00000072720	-0.734302274	0.015796617
<i>Gm31663</i>	ENSMUSG00000108994	-1.11040021	0.01587821
<i>Gtf2b</i>	ENSMUSG00000028271	0.596839884	0.015909049
<i>Gm7117</i>	ENSMUSG00000063442	-1.469039714	0.015967836
<i>Pgk1-rs7</i>	ENSMUSG00000066632	1.399125384	0.015999645
<i>Gm14403</i>	ENSMUSG00000094786	-0.649392209	0.01606938
<i>Coll3a1</i>	ENSMUSG00000058806	-1.384965582	0.016156032
<i>Ube2i</i>	ENSMUSG00000015120	0.475127948	0.016168276
<i>Thap4</i>	ENSMUSG00000026279	-0.588999208	0.016174838
<i>Dcaf11</i>	ENSMUSG00000022214	-0.553350525	0.016209288
<i>Cystm1</i>	ENSMUSG00000046727	0.550644219	0.016231255
<i>Zfp710</i>	ENSMUSG00000048897	-0.644292009	0.016252598
<i>Tex264</i>	ENSMUSG00000040813	0.523866653	0.01625948
<i>Cox17</i>	ENSMUSG00000046516	-1.779456331	0.016262625
<i>Shox2</i>	ENSMUSG00000027833	1.366471611	0.016262625
<i>Sqstm1</i>	ENSMUSG00000015837	0.53383403	0.01631448
<i>Gm30459</i>	ENSMUSG00000108468	-2.395979273	0.016378489
<i>Cela1</i>	ENSMUSG00000023031	1.624391827	0.016378489
<i>Snhg18</i>	ENSMUSG00000096956	0.899681071	0.016447101
<i>Sh2d1b1</i>	ENSMUSG00000102418	2.089914068	0.016511975

<i>Gm14117</i>	ENSMUSG00000042938	-0.633173791	0.016511975
<i>Lin52</i>	ENSMUSG00000085793	-0.92054589	0.016645284
<i>Ptbp3</i>	ENSMUSG00000028382	0.598098753	0.016675511
<i>Slc27a3</i>	ENSMUSG00000027932	1.611957483	0.016677552
<i>Sema4d</i>	ENSMUSG00000021451	-0.64453875	0.016677552
<i>Id4</i>	ENSMUSG00000021379	1.788386644	0.016725445
<i>Tnfaip8l2</i>	ENSMUSG00000013707	0.810042195	0.016742331
<i>Tmod4</i>	ENSMUSG00000005628	-1.788618075	0.016790174
<i>Plod1</i>	ENSMUSG00000019055	0.56384585	0.016860362
<i>Gab2</i>	ENSMUSG00000004508	0.925338393	0.016936517
<i>Dbp</i>	ENSMUSG00000059824	-0.840342614	0.017002878
<i>Rpl18a</i>	ENSMUSG00000045128	0.49867444	0.017046975
<i>Zfp346</i>	ENSMUSG00000021481	-0.67081009	0.017046975
<i>Leprot</i>	ENSMUSG00000035212	0.549803733	0.017046975
<i>Htatip2</i>	ENSMUSG00000039745	-0.712829226	0.017047963
<i>Fgfr3</i>	ENSMUSG00000054252	0.844713596	0.017075182
<i>Psm14</i>	ENSMUSG00000026914	0.490441358	0.017077361
<i>Lpl</i>	ENSMUSG00000015568	-0.717118233	0.017084878
<i>Sbk1</i>	ENSMUSG00000042978	-0.833603708	0.017085752
<i>Gpatch4</i>	ENSMUSG00000028069	0.714356703	0.017116907
<i>Snx6</i>	ENSMUSG00000005656	0.479911092	0.017172171
<i>Mex3c</i>	ENSMUSG00000037253	0.612565618	0.017194359
<i>E2f6</i>	ENSMUSG00000057469	-0.589556644	0.017209204
<i>Maoa</i>	ENSMUSG00000025037	0.712475933	0.017213098
<i>Pi4k2b</i>	ENSMUSG00000029186	1.026097173	0.017228537
<i>B4galt3</i>	ENSMUSG00000052423	-0.962031151	0.017228537
<i>Sorcs2</i>	ENSMUSG00000029093	-1.216179505	0.017231846
<i>Arap1</i>	ENSMUSG00000032812	0.499827545	0.01723886
<i>Psm7</i>	ENSMUSG00000027566	0.438545605	0.017276984
<i>Nanos1</i>	ENSMUSG00000072437	1.85641845	0.017426212
<i>Casq2</i>	ENSMUSG00000027861	-0.559251046	0.017444681
<i>Cd3eap</i>	ENSMUSG00000047649	0.608137346	0.01746734
<i>Hspa5</i>	ENSMUSG00000026864	0.552712588	0.017480701
<i>Etv3</i>	ENSMUSG00000003382	-0.592624098	0.017532585
<i>Bmp2k</i>	ENSMUSG00000034663	0.723683643	0.017585856
<i>Zfp609</i>	ENSMUSG00000040524	-0.849542992	0.017608322
<i>Gm5532</i>	ENSMUSG00000073535	-0.854756466	0.017638334
<i>Ptpn1</i>	ENSMUSG00000027540	0.700240997	0.017639496
<i>Rpl32</i>	ENSMUSG00000057841	0.526271667	0.017647874
<i>Ill1ra1</i>	ENSMUSG00000073889	0.476998213	0.017666213

<i>Blk</i>	ENSMUSG00000014453	1.778247188	0.017670745
<i>Prokr1</i>	ENSMUSG00000049409	-4.738149633	0.017678439
<i>Usp24</i>	ENSMUSG00000028514	-0.572663738	0.017697764
<i>Ivns1abp</i>	ENSMUSG00000023150	-0.595394894	0.017697764
<i>Il3ra</i>	ENSMUSG00000068758	0.830367269	0.017856799
<i>Pycr2</i>	ENSMUSG00000026520	0.640630992	0.017856835
<i>Cd109</i>	ENSMUSG00000046186	1.539221134	0.017859413
<i>Cecr2</i>	ENSMUSG00000071226	-1.358510281	0.017862311
<i>Rpf2</i>	ENSMUSG00000038510	0.585739347	0.017924914
<i>1700108F19Rik</i>	ENSMUSG00000101009	-5.268918805	0.017931611
<i>Cxcl10</i>	ENSMUSG00000034855	1.721490783	0.017931611
<i>Samd14</i>	ENSMUSG00000047181	0.801800693	0.017939055
<i>Dcaf1</i>	ENSMUSG00000040325	-0.678965294	0.017970999
<i>Ccnjl</i>	ENSMUSG00000044707	-2.688047146	0.01800627
<i>Fam135a</i>	ENSMUSG00000026153	-0.648957339	0.018068699
<i>Rbms1</i>	ENSMUSG00000026970	0.528116774	0.018102429
<i>Sv2a</i>	ENSMUSG00000038486	-1.54138189	0.018127016
<i>B330016D10Rik</i>	ENSMUSG00000048406	-0.900875483	0.018170973
<i>Chchd7</i>	ENSMUSG00000042198	-0.601708535	0.018204187
<i>Gpd1l</i>	ENSMUSG00000050627	-0.539439466	0.018205128
<i>Sumf1</i>	ENSMUSG00000030101	0.599528364	0.018209434
<i>Clmp</i>	ENSMUSG00000032024	0.94002503	0.018216376
<i>Kcnj15</i>	ENSMUSG00000062609	1.867648635	0.018223794
<i>Rab23</i>	ENSMUSG00000004768	0.774615572	0.018266888
<i>Pdss2</i>	ENSMUSG00000038240	-0.702725805	0.018298173
<i>Gm34276</i>	ENSMUSG00000113977	-2.088649031	0.018329907
<i>Gnmt</i>	ENSMUSG00000002769	-2.013718754	0.018329907
<i>Tnfrsf19</i>	ENSMUSG00000060548	-1.435303488	0.018330416
<i>Cox19</i>	ENSMUSG00000045438	0.663442009	0.018334684
<i>G0s2</i>	ENSMUSG00000009633	-0.832982269	0.018348758
<i>Cox5a</i>	ENSMUSG00000000088	-0.529861212	0.018401927
<i>Psmel</i>	ENSMUSG00000022216	-0.580476419	0.018413753
<i>Hist1h4h</i>	ENSMUSG00000060981	-0.690850545	0.018551829
<i>1810030O07Rik</i>	ENSMUSG00000044148	-0.578918459	0.018556334
<i>Ogt</i>	ENSMUSG00000034160	-0.654257973	0.018556334
<i>Rspol</i>	ENSMUSG00000028871	-1.008546221	0.018584601
<i>Tnfrsf18</i>	ENSMUSG00000041954	2.904723999	0.018598648
<i>Casp4</i>	ENSMUSG00000033538	0.775824606	0.018631779
<i>Rpl35a</i>	ENSMUSG00000060636	0.646441442	0.018631779
<i>Ctnna3</i>	ENSMUSG00000060843	-0.690375005	0.018632636

<i>Fus</i>	ENSMUSG00000030795	-0.479880956	0.018640932
<i>Stim2</i>	ENSMUSG00000039156	0.621565688	0.018640932
<i>Uqcrfs1</i>	ENSMUSG00000038462	-0.527589055	0.018716002
<i>Rtf2</i>	ENSMUSG00000027502	0.495506337	0.018719319
<i>Mycbpap</i>	ENSMUSG00000039110	-4.176760037	0.018754133
<i>Epsti1</i>	ENSMUSG00000022014	0.780341954	0.018792856
<i>Cdca5</i>	ENSMUSG00000024791	2.030801842	0.018825942
<i>Pla2g4e</i>	ENSMUSG00000050211	-1.523206165	0.018837268
<i>Mplkip</i>	ENSMUSG00000012429	0.670076537	0.01888976
<i>Plxna4</i>	ENSMUSG00000029765	-0.825104321	0.018896993
<i>Dync1li1</i>	ENSMUSG00000032435	0.57382202	0.018896993
<i>Cd68</i>	ENSMUSG00000018774	0.597933955	0.018896993
<i>Epb41</i>	ENSMUSG00000028906	-0.643193596	0.018924463
<i>Gm43197</i>	ENSMUSG00000107215	-4.149179003	0.018951671
<i>Cenpb</i>	ENSMUSG00000068267	0.500353673	0.018960807
<i>Pdzrn3</i>	ENSMUSG00000035357	0.813123096	0.018967071
<i>Stt3a</i>	ENSMUSG00000032116	0.523310045	0.018967071
<i>Man2a2</i>	ENSMUSG00000038886	-0.654844196	0.018982493
<i>Efcab11</i>	ENSMUSG00000021176	3.380684212	0.019072754
<i>Nmt2</i>	ENSMUSG00000026643	0.658957832	0.019162992
<i>Ercc2</i>	ENSMUSG00000030400	-1.139930506	0.019162992
<i>Btg3</i>	ENSMUSG00000022863	0.751622528	0.019211724
<i>Tmem150a</i>	ENSMUSG00000055912	-0.717572683	0.0192604
<i>Gm45012</i>	ENSMUSG00000109052	-1.53959101	0.019270987
<i>Mapk4</i>	ENSMUSG00000024558	1.209881267	0.019270987
<i>Cdk5rap3</i>	ENSMUSG00000018669	0.537750378	0.019270987
<i>Mars</i>	ENSMUSG00000040354	0.655125805	0.019271312
<i>Exosc2</i>	ENSMUSG00000039356	0.74312354	0.019274988
<i>Fbfl</i>	ENSMUSG00000020776	-0.752702457	0.019345626
<i>Nt5c1a</i>	ENSMUSG00000054958	-1.648317781	0.019422057
<i>Cbfb</i>	ENSMUSG00000031885	0.493116901	0.0194352
<i>Ubtcl1</i>	ENSMUSG00000025171	0.630005473	0.0194352
<i>Cpxm1</i>	ENSMUSG00000027408	0.615223209	0.019461382
<i>Atg2a</i>	ENSMUSG00000024773	-0.67820765	0.019507006
<i>2-Mar</i>	ENSMUSG00000073481	0.502060799	0.019507006
<i>Pbdc1</i>	ENSMUSG00000031226	0.715663882	0.0195319
<i>3110053B16Rik</i>	ENSMUSG00000085642	2.21940867	0.019562021
<i>Med25</i>	ENSMUSG00000002968	-0.508147468	0.019563878
<i>Gm14267</i>	ENSMUSG00000085682	-1.02407734	0.019598065
<i>Serpine2</i>	ENSMUSG00000026249	0.525290517	0.019632817

<i>1810055G02Rik</i>	ENSMUSG00000035372	0.773179822	0.019646084
<i>Mtfr1</i>	ENSMUSG00000027601	-0.510986962	0.019695341
<i>Ces2e</i>	ENSMUSG00000031886	1.33516185	0.019736173
<i>Zrsr2</i>	ENSMUSG00000031370	0.682347107	0.019768074
<i>Galnt16</i>	ENSMUSG00000021130	0.887534373	0.019771189
<i>Abca2</i>	ENSMUSG00000026944	-0.691502795	0.019771189
<i>2310001H17Rik</i>	ENSMUSG00000097354	-1.251036894	0.019771189
<i>Acta1</i>	ENSMUSG00000031972	1.393053999	0.019771189
<i>Hdac1</i>	ENSMUSG00000028800	0.565585981	0.019844605
<i>P4ha2</i>	ENSMUSG00000018906	0.573216656	0.019844605
<i>Ccdc66</i>	ENSMUSG00000046753	-0.76781021	0.019844605
<i>Clcn3</i>	ENSMUSG00000004319	-0.649908614	0.019877396
<i>B3gnt7</i>	ENSMUSG00000079445	-2.335351006	0.019877396
<i>Ezh1</i>	ENSMUSG00000006920	-0.548218277	0.019900156
<i>Preli2</i>	ENSMUSG00000056671	0.856340475	0.019913169
<i>Masp1</i>	ENSMUSG00000022887	0.840940292	0.019952719
<i>Zfp775</i>	ENSMUSG00000007216	-0.653008984	0.019980255
<i>Fstl3</i>	ENSMUSG00000020325	1.295598584	0.019990659
<i>Nlk</i>	ENSMUSG00000017376	-0.699853192	0.020037518
<i>Myrip</i>	ENSMUSG00000041794	-0.794999156	0.020037518
<i>Aigl</i>	ENSMUSG00000019806	-0.646656699	0.020037518
<i>Acvr1b</i>	ENSMUSG00000000532	-0.725479534	0.020040142
<i>Cand1</i>	ENSMUSG00000020114	0.533390446	0.020064572
<i>Cdc42ep5</i>	ENSMUSG00000063838	0.830839983	0.020064572
<i>Cript</i>	ENSMUSG00000024146	0.489251302	0.020065565
<i>Alyref</i>	ENSMUSG00000025134	0.589246718	0.020127567
<i>Spock2</i>	ENSMUSG00000058297	-0.649487833	0.02017356
<i>4932438A13Rik</i>	ENSMUSG00000037270	-0.6423629	0.02017356
<i>Smad1</i>	ENSMUSG00000031681	0.642956144	0.02017356
<i>Fig4</i>	ENSMUSG00000038417	-0.560059697	0.020200013
<i>Tmc7</i>	ENSMUSG00000042246	-1.147785466	0.020200013
<i>Kctd1</i>	ENSMUSG00000036225	-0.744570196	0.020200013
<i>Fosl2</i>	ENSMUSG00000029135	0.775251065	0.020223366
<i>Atp2a1</i>	ENSMUSG00000030730	-5.32407264	0.020240855
<i>Kif16b</i>	ENSMUSG00000038844	-0.624737308	0.020240855
<i>Tmem165</i>	ENSMUSG00000029234	0.551258104	0.020267743
<i>Polr1c</i>	ENSMUSG00000067148	0.540417503	0.020343549
<i>AC130815.1</i>	ENSMUSG00000116617	1.725551424	0.020409886
<i>Ankrd34a</i>	ENSMUSG00000049097	-1.846168323	0.020422593
<i>Pigv</i>	ENSMUSG00000043257	-0.768918345	0.020497098

<i>Clip2</i>	ENSMUSG00000063146	0.649001249	0.020511987
<i>Bcl11b</i>	ENSMUSG00000048251	-2.114210781	0.020554025
<i>Stx17</i>	ENSMUSG00000061455	-0.559191581	0.020626785
<i>Ddx3x</i>	ENSMUSG00000000787	0.478179404	0.020626785
<i>Srrm2</i>	ENSMUSG00000039218	-0.595769612	0.020651183
<i>Extl3</i>	ENSMUSG00000021978	-0.614301689	0.020662215
<i>Rin3</i>	ENSMUSG00000044456	0.710666869	0.020806324
<i>Rbbp4</i>	ENSMUSG00000057236	0.455074062	0.020806324
<i>Nudcd1</i>	ENSMUSG00000038736	0.703984535	0.02086578
<i>Irf2bp2</i>	ENSMUSG00000051495	0.541430149	0.02086578
<i>Sh3gl2</i>	ENSMUSG00000028488	-2.549497767	0.02087344
<i>Smu1</i>	ENSMUSG00000028409	0.482065388	0.020933599
<i>Ptpn13</i>	ENSMUSG00000034573	-1.060121858	0.020948301
<i>Prr5</i>	ENSMUSG00000036106	0.859234488	0.02095039
<i>Cpeb2</i>	ENSMUSG00000039782	-0.684771714	0.020952645
<i>Serpina3n</i>	ENSMUSG00000021091	1.632168083	0.020959048
<i>Tldc1</i>	ENSMUSG00000034105	-0.664025504	0.020959048
<i>Eif1ad</i>	ENSMUSG00000024841	0.51950368	0.020960367
<i>Cox4i2</i>	ENSMUSG00000009876	0.892870687	0.020960367
<i>Zmiz2</i>	ENSMUSG00000041164	-0.59652353	0.020960367
<i>Gm6419</i>	ENSMUSG00000072407	-1.091893783	0.020970905
<i>Ndufaf8</i>	ENSMUSG00000078572	-0.63919817	0.021008626
<i>Atad2</i>	ENSMUSG00000022360	0.920775727	0.021066506
<i>Pxn</i>	ENSMUSG00000029528	0.609226587	0.021066506
<i>Dapk1</i>	ENSMUSG00000021559	-0.707263289	0.021134707
<i>Gm16316</i>	ENSMUSG00000087129	-1.951004468	0.021134707
<i>Slc33a1</i>	ENSMUSG00000027822	0.640678611	0.021148429
<i>Atxn7</i>	ENSMUSG00000021738	-0.711225414	0.021192976
<i>Mrpl24</i>	ENSMUSG00000019710	0.49459036	0.021192976
<i>4921531C22Rik</i>	ENSMUSG00000085704	-0.927045645	0.021196869
<i>Camk2n2</i>	ENSMUSG00000051146	1.279881399	0.021355963
<i>Blvra</i>	ENSMUSG00000001999	0.533429663	0.021379345
<i>Klhl4</i>	ENSMUSG00000025597	0.63738967	0.021401285
<i>Ptpn18</i>	ENSMUSG00000026126	0.985721117	0.02141458
<i>Vamp3</i>	ENSMUSG00000028955	0.489688389	0.021434657
<i>Cfap43</i>	ENSMUSG00000044948	0.807881024	0.021434657
<i>Fndc3b</i>	ENSMUSG00000039286	0.525443574	0.021450776
<i>Acss3</i>	ENSMUSG00000035948	-2.100108737	0.021462512
<i>Mrpl28</i>	ENSMUSG00000024181	-0.615345038	0.021493031
<i>Tkl</i>	ENSMUSG00000025574	1.160081308	0.021493031

<i>Thyn1</i>	ENSMUSG00000035443	0.546891455	0.021493031
<i>Foxp2</i>	ENSMUSG00000029563	0.909499701	0.021493031
<i>Rnpep1l</i>	ENSMUSG00000026269	-0.543785238	0.021493031
<i>Gm12346</i>	ENSMUSG00000083899	1.233592889	0.021496796
<i>Rell1</i>	ENSMUSG00000047881	0.666577834	0.021512994
<i>Slc7a6</i>	ENSMUSG00000031904	0.805424979	0.021528116
<i>Smad3</i>	ENSMUSG00000032402	-0.78474822	0.021534807
<i>Setbp1</i>	ENSMUSG00000024548	-0.879992011	0.021624723
<i>Cnih1</i>	ENSMUSG00000015759	0.453717633	0.021671149
<i>Chrm3</i>	ENSMUSG00000046159	-1.444725671	0.02167298
<i>Gm12070</i>	ENSMUSG00000069939	0.797548759	0.02167298
<i>Coro2a</i>	ENSMUSG00000028337	1.675723816	0.02167298
<i>Hdc</i>	ENSMUSG00000027360	1.04171626	0.021688965
<i>Plxnb3</i>	ENSMUSG00000031385	-1.496805087	0.021688965
<i>0610040B10Rik</i>	ENSMUSG00000089889	-0.873942291	0.021744411
<i>Fzd8</i>	ENSMUSG00000036904	-1.144347481	0.021750493
<i>Asb12</i>	ENSMUSG00000031204	-0.724217441	0.02175307
<i>Cpm</i>	ENSMUSG00000020183	1.141481686	0.021781045
<i>Plec</i>	ENSMUSG00000022565	-0.517684725	0.021869233
<i>Tsc2</i>	ENSMUSG00000002496	-0.650189031	0.021899427
<i>Gm6311</i>	ENSMUSG00000061833	0.733749037	0.021935378
<i>Ager</i>	ENSMUSG00000015452	5.163726393	0.021935378
<i>Sox6os</i>	ENSMUSG00000030664	-1.764977539	0.022047536
<i>Scfd1</i>	ENSMUSG00000020952	0.529978203	0.022070621
<i>Lrtm1</i>	ENSMUSG00000045776	-1.435613356	0.022101698
<i>Ptprcap</i>	ENSMUSG00000045826	2.309944197	0.02211563
<i>Tmem218</i>	ENSMUSG00000032121	-0.662046476	0.02218576
<i>Ptges3-ps</i>	ENSMUSG00000040078	0.580424656	0.022200364
<i>Nup214</i>	ENSMUSG00000001855	-0.784398406	0.022329472
<i>Itga9</i>	ENSMUSG00000039115	0.517390777	0.022428855
<i>Psemb5</i>	ENSMUSG00000022193	0.434241431	0.022445953
<i>Pcdh15</i>	ENSMUSG00000052613	-2.580924925	0.022458254
<i>Degs1</i>	ENSMUSG00000038633	0.437408656	0.022473481
<i>Eif2b5</i>	ENSMUSG00000003235	0.509697543	0.022503441
<i>Sned1</i>	ENSMUSG00000047793	-1.487558145	0.022519787
<i>Slc45a4</i>	ENSMUSG00000079020	-0.654018977	0.022638122
<i>Zfp14</i>	ENSMUSG00000053985	-1.183607697	0.022642319
<i>Cd302</i>	ENSMUSG00000060703	0.682958366	0.022668985
<i>Inpp5k</i>	ENSMUSG00000006127	-0.576317702	0.022668985
<i>Gata2</i>	ENSMUSG00000015053	-0.67111518	0.022668985

<i>Mrpl44</i>	ENSMUSG00000026248	-0.537833598	0.022668985
<i>Begain</i>	ENSMUSG00000040867	2.024307355	0.02268756
<i>Asflb</i>	ENSMUSG00000005470	1.141952799	0.022696361
<i>Serac1</i>	ENSMUSG00000015659	-1.18878311	0.022731062
<i>Asb13</i>	ENSMUSG00000033781	-0.671343393	0.022731062
<i>Myll1</i>	ENSMUSG00000061816	-0.662533489	0.02276203
<i>Bst2</i>	ENSMUSG00000046718	0.793704869	0.02276203
<i>Coq7</i>	ENSMUSG00000030652	-0.563146293	0.022771738
<i>Ccng1</i>	ENSMUSG00000020326	-0.57331174	0.022771738
<i>Smim3</i>	ENSMUSG00000038059	-0.676088467	0.022801584
<i>Mllt6</i>	ENSMUSG00000038437	-0.577439831	0.02286545
<i>Dram1</i>	ENSMUSG00000020057	0.80308594	0.02286545
<i>Phldb1</i>	ENSMUSG00000048537	-0.499635004	0.022934536
<i>Eif2b3</i>	ENSMUSG00000028683	0.625992784	0.022979654
<i>Tmem173</i>	ENSMUSG00000024349	0.762973406	0.022984602
<i>Sox17</i>	ENSMUSG00000025902	0.7831107	0.023045922
<i>Mga</i>	ENSMUSG00000033943	-0.663495786	0.023090076
<i>Prdx3</i>	ENSMUSG00000024997	-0.489262581	0.023110418
<i>Cyb5d2</i>	ENSMUSG00000057778	-0.642192372	0.023141043
<i>Tmcc2</i>	ENSMUSG00000042066	-0.593084659	0.023207062
<i>Emc1</i>	ENSMUSG00000078517	-0.62377626	0.02321933
<i>Trpc6</i>	ENSMUSG00000031997	4.557534535	0.02321933
<i>Gm11942</i>	ENSMUSG00000094344	1.156881151	0.023224221
<i>Them6</i>	ENSMUSG00000056665	-0.688308172	0.023274496
<i>Slc35b2</i>	ENSMUSG00000037089	0.459835316	0.023276866
<i>CAAA01118383.1</i>	ENSMUSG00000063897	0.585614101	0.023281259
<i>Vapa</i>	ENSMUSG00000024091	0.426024638	0.023301311
<i>Cdca7l</i>	ENSMUSG00000021175	1.864249105	0.02330951
<i>Msh2</i>	ENSMUSG00000024151	-0.605951098	0.023376431
<i>Foxc1</i>	ENSMUSG00000050295	-0.577144786	0.023400665
<i>Ndufa5</i>	ENSMUSG00000023089	-0.565797022	0.023469053
<i>Sntb1</i>	ENSMUSG00000060429	1.0739479	0.023531712
<i>Tspan17</i>	ENSMUSG00000025875	0.733314192	0.023545569
<i>Eeflg</i>	ENSMUSG00000071644	0.411526779	0.023549057
<i>Ttc30a2</i>	ENSMUSG00000075272	-2.256235932	0.023561964
<i>Arap2</i>	ENSMUSG00000037999	-0.870542566	0.023571042
<i>Cyp1b1</i>	ENSMUSG00000024087	0.681880356	0.023613719
<i>Polr1d</i>	ENSMUSG00000029642	0.451453968	0.023613719
<i>Gm20442</i>	ENSMUSG00000092600	5.095533249	0.023614853
<i>Pla1a</i>	ENSMUSG00000002847	0.576509422	0.023658737

<i>Lrig1</i>	ENSMUSG00000030029	-0.573110065	0.023697093
<i>Dmxl1</i>	ENSMUSG00000037416	-0.586778004	0.023697641
<i>Bace1</i>	ENSMUSG00000032086	-0.673973904	0.02374415
<i>Gsta3</i>	ENSMUSG00000025934	-0.751819364	0.023745553
<i>Mrps18b</i>	ENSMUSG00000024436	0.634377832	0.023848869
<i>Pgls</i>	ENSMUSG00000031807	0.499469969	0.023848869
<i>Psd3</i>	ENSMUSG00000030465	-0.57514439	0.023862256
<i>Uqcc1</i>	ENSMUSG00000005882	-0.573062	0.023914822
<i>Mcm3ap</i>	ENSMUSG00000001150	-0.705854242	0.023914822
<i>Gm13835</i>	ENSMUSG00000086922	0.465436521	0.023934868
<i>Myh7b</i>	ENSMUSG00000074652	-0.87275833	0.023934868
<i>Fblim1</i>	ENSMUSG00000006219	-0.503214183	0.023934868
<i>Entpd1</i>	ENSMUSG00000048120	0.519174616	0.023998343
<i>Gm4654</i>	ENSMUSG00000098111	1.336819261	0.023998343
<i>Clqa</i>	ENSMUSG00000036887	0.620128236	0.023998343
<i>2810430I11Rik</i>	ENSMUSG00000085766	4.822193467	0.024053141
<i>Lrpprc</i>	ENSMUSG00000024120	-0.563202485	0.024099456
<i>Klhl38</i>	ENSMUSG00000022357	-1.044436449	0.024099456
<i>Sec14l5</i>	ENSMUSG00000091712	-2.45203557	0.024123672
<i>Cox7b</i>	ENSMUSG00000031231	-0.541289252	0.024124542
<i>Pvt1</i>	ENSMUSG00000097039	1.377871138	0.02416364
<i>Cxcl9</i>	ENSMUSG00000029417	1.131701342	0.024170895
<i>Iscal</i>	ENSMUSG00000044792	-0.545359814	0.024181662
<i>Khdrbs3</i>	ENSMUSG00000022332	-0.611336452	0.02435106
<i>Fam84a</i>	ENSMUSG00000020607	-1.625628256	0.02435106
<i>Milr1</i>	ENSMUSG00000040528	1.055203174	0.024370974
<i>Gdpd5</i>	ENSMUSG00000035314	-0.695603443	0.024486976
<i>Rps9</i>	ENSMUSG00000006333	0.523441605	0.024487331
<i>Tfpi2</i>	ENSMUSG00000029664	1.196377454	0.024516324
<i>Rab39b</i>	ENSMUSG00000031202	3.02758283	0.024568916
<i>Fap</i>	ENSMUSG00000000392	0.83753444	0.024634716
<i>Fbxw7</i>	ENSMUSG00000028086	-0.713966675	0.024635373
<i>Pnck</i>	ENSMUSG00000002012	-1.078321424	0.024666958
<i>Retsat</i>	ENSMUSG00000056666	-0.766900672	0.024666958
<i>Nfe2l2</i>	ENSMUSG00000015839	0.499005016	0.024666958
<i>Pemt</i>	ENSMUSG00000000301	1.192977518	0.024673577
<i>Gnptab</i>	ENSMUSG00000035311	-0.552330388	0.024677394
<i>Prpf40a</i>	ENSMUSG00000061136	0.529895228	0.0247039
<i>2310075C17Rik</i>	ENSMUSG00000089718	-4.641294672	0.024768297
<i>Cnn1</i>	ENSMUSG00000001349	1.27715207	0.024835593

<i>Pdia6</i>	ENSMUSG00000020571	0.516858691	0.024911971
<i>Map2</i>	ENSMUSG00000015222	1.138086769	0.024923536
<i>Gm10705</i>	ENSMUSG00000074506	-1.391698064	0.025001523
<i>AC151284.1</i>	ENSMUSG00000117192	-2.127469696	0.025001523
<i>Rps6ka5</i>	ENSMUSG00000021180	-0.813223867	0.025008638
<i>Acad8</i>	ENSMUSG00000031969	-0.538948462	0.025008638
<i>Gm31166</i>	ENSMUSG00000109695	-1.252099381	0.025012996
<i>Rnd2</i>	ENSMUSG00000001313	0.691745572	0.025029073
<i>Sac3d1</i>	ENSMUSG00000024790	0.566620429	0.025049467
<i>Rreb1</i>	ENSMUSG00000039087	-0.788400619	0.02514081
<i>Ralgps2</i>	ENSMUSG00000026594	-0.681159897	0.02514081
<i>Il18r1</i>	ENSMUSG00000026070	-1.680958766	0.025170099
<i>H13</i>	ENSMUSG00000019188	0.508755377	0.025217365
<i>Card9</i>	ENSMUSG00000026928	1.34707086	0.025242274
<i>Fam207a</i>	ENSMUSG00000032977	0.692235221	0.025458261
<i>Sec13</i>	ENSMUSG00000030298	0.442635204	0.025568713
<i>Uba7</i>	ENSMUSG00000032596	-0.611623184	0.025605551
<i>B3galnt2</i>	ENSMUSG00000039242	-0.671213662	0.025605551
<i>Casd1</i>	ENSMUSG00000015189	-0.703065774	0.025620699
<i>Zfp422-ps</i>	ENSMUSG00000091515	-1.77883091	0.025641293
<i>Bphl</i>	ENSMUSG00000038286	-0.709099079	0.025669909
<i>Ube2e2</i>	ENSMUSG00000058317	0.662238319	0.025669909
<i>Btla</i>	ENSMUSG00000052013	1.980887038	0.025868796
<i>Atp6ap1l</i>	ENSMUSG00000078958	-2.016831825	0.025875423
<i>Nfkbil1</i>	ENSMUSG00000042419	0.792916284	0.025875423
<i>Ttc12</i>	ENSMUSG00000040219	-0.689760977	0.025923792
<i>Gm17473</i>	ENSMUSG00000097805	-2.49154446	0.025928109
<i>Pdlim5</i>	ENSMUSG00000028273	0.485463098	0.025940827
<i>Pparg</i>	ENSMUSG00000000440	0.764619937	0.025944568
<i>Rnf103</i>	ENSMUSG00000052656	0.522656847	0.025944568
<i>Tmem74b</i>	ENSMUSG00000044364	1.035302849	0.026130327
<i>Shc2</i>	ENSMUSG00000020312	0.935610064	0.026139359
<i>Abcc3</i>	ENSMUSG00000020865	1.2301754	0.026139359
<i>AC154478.1</i>	ENSMUSG00000116725	-1.256177047	0.026140232
<i>Fbxo17</i>	ENSMUSG00000030598	1.220079072	0.026144227
<i>Klk1b26</i>	ENSMUSG00000053719	-4.086380191	0.026144227
<i>Lat2</i>	ENSMUSG00000040751	1.480952968	0.026148099
<i>Zim1</i>	ENSMUSG00000002266	-4.030638567	0.026148099
<i>Pdpl</i>	ENSMUSG00000049225	-0.537338861	0.026150298
<i>Ttyh2</i>	ENSMUSG00000034714	1.15190505	0.026240733

<i>Cyp2d22</i>	ENSMUSG00000061740	-0.642341657	0.026254356
<i>Kif21a</i>	ENSMUSG00000022629	-0.781316348	0.026360069
<i>Ints11</i>	ENSMUSG00000029034	0.644946461	0.026360069
<i>BC067074</i>	ENSMUSG00000021763	-2.776690669	0.026367813
<i>Araf</i>	ENSMUSG00000001127	-0.435619714	0.026438846
<i>Asxl2</i>	ENSMUSG00000037486	-0.695384264	0.026453541
<i>Rpl18</i>	ENSMUSG00000059070	0.501767184	0.026506845
<i>2210011C24Rik</i>	ENSMUSG00000074217	-1.073224065	0.026627226
<i>Psmb8</i>	ENSMUSG00000024338	0.701413907	0.026627226
<i>mt-Co1</i>	ENSMUSG00000064351	-0.614609263	0.026687476
<i>Kctd6</i>	ENSMUSG00000021752	0.671118702	0.026754162
<i>Hrasls</i>	ENSMUSG00000022525	-0.63615208	0.026792052
<i>Gbp4</i>	ENSMUSG00000079363	-0.790058357	0.026913902
<i>Rgs19</i>	ENSMUSG00000002458	0.694874553	0.026924422
<i>Spsb3</i>	ENSMUSG00000024160	0.849319178	0.026942751
<i>Slc35d1</i>	ENSMUSG00000028521	-0.878980606	0.027042007
<i>Mad11l</i>	ENSMUSG00000029554	0.767346321	0.027042007
<i>Mrpl30</i>	ENSMUSG00000026087	-0.409908918	0.027047702
<i>C530005A16Rik</i>	ENSMUSG00000085408	-1.840079187	0.027053019
<i>Zfp948</i>	ENSMUSG00000067931	0.904432915	0.027077252
<i>Spen</i>	ENSMUSG00000040761	-0.914587082	0.027077252
<i>Nsl1</i>	ENSMUSG00000062510	1.726481021	0.027077252
<i>Gm6658</i>	ENSMUSG00000074171	-1.510504476	0.027152054
<i>Gm36372</i>	ENSMUSG00000113975	-0.789288753	0.027186614
<i>Sacs</i>	ENSMUSG00000048279	-0.859573959	0.027214856
<i>Tcp1</i>	ENSMUSG00000068039	0.502044719	0.0272452
<i>Igsf9b</i>	ENSMUSG00000034275	-1.471335671	0.027281734
<i>Ndufa4l2</i>	ENSMUSG00000040280	0.700357192	0.027286598
<i>Atp6v1b2</i>	ENSMUSG00000006273	0.503949681	0.027286598
<i>Amz1</i>	ENSMUSG00000050022	1.594060099	0.027374079
<i>Cetn3</i>	ENSMUSG00000021537	0.478834401	0.027374079
<i>Smad9</i>	ENSMUSG00000027796	-1.326835401	0.027374079
<i>Gm12295</i>	ENSMUSG00000085162	0.901022571	0.027374079
<i>Mindy3</i>	ENSMUSG00000026767	0.523235574	0.027374079
<i>Ccnt2</i>	ENSMUSG00000026349	-0.657949607	0.027375778
<i>Tfdp2</i>	ENSMUSG00000032411	-0.544745459	0.027437113
<i>Gm10698</i>	ENSMUSG00000079884	0.813250411	0.027437113
<i>Agfg1</i>	ENSMUSG00000026159	0.4838918	0.027441824
<i>Isg20</i>	ENSMUSG00000039236	0.738849946	0.027565401
<i>Gm39822</i>	ENSMUSG00000110618	2.106688582	0.027601524

<i>N4bp3</i>	ENSMUSG00000001053	0.755988634	0.027606286
<i>Dnaja1</i>	ENSMUSG00000028410	0.657522041	0.027657626
<i>Rps18-ps3</i>	ENSMUSG00000057657	-2.058704393	0.027657626
<i>Rnf144a</i>	ENSMUSG00000020642	0.707384833	0.027689717
<i>Rpe</i>	ENSMUSG00000026005	0.574037411	0.027710235
<i>Zfp963</i>	ENSMUSG00000092260	-1.622059851	0.027713706
<i>Zfp446</i>	ENSMUSG00000033961	-1.21927499	0.027713706
<i>Cyc1</i>	ENSMUSG00000022551	-0.420320232	0.027726869
<i>Ndufa8</i>	ENSMUSG00000026895	-0.43340897	0.027746632
<i>Inhba</i>	ENSMUSG00000041324	0.939407878	0.027803243
<i>Otulinl</i>	ENSMUSG00000056069	0.806561626	0.027803243
<i>Rpl22</i>	ENSMUSG00000028936	0.565202335	0.027817562
<i>Bmper</i>	ENSMUSG00000031963	-0.717217109	0.027851935
<i>Camk2n1</i>	ENSMUSG00000046447	0.519998829	0.027851935
<i>Mir133a-1hg</i>	ENSMUSG00000095438	-0.952337881	0.027851935
<i>Nr1h3</i>	ENSMUSG00000002108	-0.523375669	0.027851935
<i>Ptpmt1</i>	ENSMUSG00000063235	0.485966399	0.027854714
<i>Sema5b</i>	ENSMUSG00000052133	-2.000055606	0.027869444
<i>Fam81a</i>	ENSMUSG00000032224	-0.737254253	0.027869444
<i>Arl4a</i>	ENSMUSG00000047446	0.478997659	0.028024718
<i>Hes6</i>	ENSMUSG00000067071	-0.668547019	0.028064913
<i>Cdc16</i>	ENSMUSG00000038416	0.459471531	0.028073337
<i>Tnrc18</i>	ENSMUSG00000039477	-0.736965244	0.028079657
<i>Slc39a1</i>	ENSMUSG00000052310	0.55040694	0.028097747
<i>Llgl2</i>	ENSMUSG00000020782	-0.737075628	0.028133801
<i>Rnf138</i>	ENSMUSG00000024317	0.641831244	0.028334569
<i>Hmcn2</i>	ENSMUSG00000055632	-1.134482699	0.028348629
<i>Csad</i>	ENSMUSG00000023044	0.656110194	0.028442396
<i>Rps15</i>	ENSMUSG00000063457	0.467043421	0.028521067
<i>Exo1</i>	ENSMUSG00000039748	2.826889387	0.028521067
<i>F2rl3</i>	ENSMUSG00000050147	2.050912684	0.028654935
<i>Foxd2os</i>	ENSMUSG00000085399	1.641810068	0.028708913
<i>Gpx1</i>	ENSMUSG00000063856	0.57242635	0.028718169
<i>Ing5</i>	ENSMUSG00000026283	-0.671145037	0.028743614
<i>Plek</i>	ENSMUSG00000020120	0.769406301	0.028817363
<i>Atp5c1</i>	ENSMUSG00000025781	-0.431581913	0.028849752
<i>Top1mt</i>	ENSMUSG00000000934	-0.909902952	0.028854775
<i>Insr</i>	ENSMUSG00000005534	-0.556032758	0.028854775
<i>Tdg</i>	ENSMUSG00000034674	0.705037791	0.028861163
<i>Cfl2</i>	ENSMUSG00000062929	0.404250168	0.028965398

<i>Dscc1</i>	ENSMUSG00000022422	2.265955885	0.029007413
<i>Zmat1</i>	ENSMUSG00000052676	-0.815500575	0.029048855
<i>Gm2574</i>	ENSMUSG00000078162	1.712110911	0.029049617
<i>Aqp11</i>	ENSMUSG00000042797	-1.541086429	0.029115532
<i>Acvrl1</i>	ENSMUSG00000000530	0.504117469	0.029122897
<i>Enkur</i>	ENSMUSG00000026679	1.833077778	0.029126141
<i>Usp35</i>	ENSMUSG00000035713	1.545110345	0.029173994
<i>Mrvi1</i>	ENSMUSG00000005611	-1.064643254	0.029178329
<i>Dse</i>	ENSMUSG00000039497	0.58837597	0.029181383
<i>Kif26b</i>	ENSMUSG00000026494	1.284262612	0.029181383
<i>Acsl5</i>	ENSMUSG00000024981	0.535780439	0.029181383
<i>Hspa13</i>	ENSMUSG00000032932	0.530322036	0.02918227
<i>Nomo1</i>	ENSMUSG00000030835	-0.589027802	0.02918662
<i>Gm15559</i>	ENSMUSG00000086401	3.410278679	0.029186984
<i>Cfap45</i>	ENSMUSG00000026546	2.449139898	0.029220007
<i>Gm9108</i>	ENSMUSG00000115819	-0.687894581	0.029220007
<i>Ier2</i>	ENSMUSG00000053560	0.675114657	0.029220007
<i>Parva</i>	ENSMUSG00000030770	0.535310226	0.029245137
<i>Spg21</i>	ENSMUSG00000032388	0.645719232	0.029251184
<i>Itgb7</i>	ENSMUSG00000001281	1.230103486	0.029287274
<i>Jarid2</i>	ENSMUSG00000038518	-0.633762052	0.02938629
<i>Omal</i>	ENSMUSG00000035069	-0.597772571	0.029482615
<i>Gm5641</i>	ENSMUSG00000069014	1.231526673	0.029514332
<i>Gas5</i>	ENSMUSG00000053332	0.753830605	0.02955137
<i>Magi2</i>	ENSMUSG00000040003	-0.943000753	0.029558352
<i>Ctsf</i>	ENSMUSG00000083282	-0.572714548	0.029558352
<i>Stard13</i>	ENSMUSG00000016128	-0.616144431	0.029785255
<i>Ldb2</i>	ENSMUSG00000039706	0.856268484	0.029785255
<i>mt-Nd1</i>	ENSMUSG00000064341	-0.647989177	0.029822476
<i>Gm3531</i>	ENSMUSG00000089782	0.793829139	0.029898256
<i>Mtdh</i>	ENSMUSG00000022255	0.525696027	0.029898595
<i>Stx5a</i>	ENSMUSG00000010110	0.534950398	0.029935329
<i>Ccdc117</i>	ENSMUSG00000020482	-0.533905324	0.029948155
<i>Mlap</i>	ENSMUSG00000030041	2.834493973	0.029978761
<i>Cxcl1</i>	ENSMUSG00000029380	-1.314838604	0.029981042
<i>Gmpr</i>	ENSMUSG00000000253	-0.486755009	0.030028139
<i>Psma5</i>	ENSMUSG00000068749	0.451392985	0.030130278
<i>Lrrc8b</i>	ENSMUSG00000070639	0.753545573	0.030141074
<i>Amdhd2</i>	ENSMUSG00000036820	0.726288342	0.030141074
<i>Plaur</i>	ENSMUSG00000046223	1.050883868	0.030145727

<i>Zfp330</i>	ENSMUSG00000031711	0.494133703	0.030261613
<i>Crmp1</i>	ENSMUSG00000029121	2.305302953	0.030261613
<i>Sdr39u1</i>	ENSMUSG00000022223	-0.595897719	0.030341506
<i>Cnr2</i>	ENSMUSG00000062585	1.696661391	0.030361848
<i>Stap2</i>	ENSMUSG00000038781	0.606393582	0.030379355
<i>Hic1</i>	ENSMUSG00000043099	-0.693053887	0.030405086
<i>Lsamp</i>	ENSMUSG00000061080	-0.985339441	0.030416387
<i>Rps6kb2</i>	ENSMUSG00000024830	-0.621386368	0.030423208
<i>Azin1</i>	ENSMUSG00000037458	0.416224961	0.030438593
<i>Gngt2</i>	ENSMUSG00000038811	0.697254618	0.030447504
<i>Txndc12</i>	ENSMUSG00000028567	0.524222573	0.030447504
<i>Trim68</i>	ENSMUSG00000073968	-0.742254855	0.030447504
<i>Kifc1</i>	ENSMUSG00000079553	1.592235228	0.030447504
<i>Cdkn2b</i>	ENSMUSG00000073802	1.522291848	0.030491895
<i>Bcl2a1a</i>	ENSMUSG00000102037	2.07192298	0.030491895
<i>Pnpla8</i>	ENSMUSG00000036257	-0.468329509	0.030561432
<i>Golgb1</i>	ENSMUSG00000034243	-0.599031076	0.030561432
<i>Rdh11</i>	ENSMUSG00000066441	0.86002157	0.030561432
<i>Srgn</i>	ENSMUSG00000020077	0.691558161	0.030561432
<i>Pcgf6</i>	ENSMUSG00000025050	0.978585095	0.030567208
<i>Kcnj3</i>	ENSMUSG00000026824	-1.87519549	0.030567208
<i>2810004N23Rik</i>	ENSMUSG00000031984	-0.439721588	0.030571598
<i>Fam49b</i>	ENSMUSG00000022378	0.535909262	0.030606612
<i>Camkk1</i>	ENSMUSG00000020785	1.057782721	0.030670983
<i>Prickle1</i>	ENSMUSG00000036158	-0.711314044	0.030681865
<i>Ano5</i>	ENSMUSG00000055489	-3.32351678	0.03074074
<i>Slc22a23</i>	ENSMUSG00000038267	-1.179431392	0.030804941
<i>Sfxn4</i>	ENSMUSG00000063698	-0.808222105	0.030822065
<i>1010001B22Rik</i>	ENSMUSG00000097863	-2.359639105	0.030839569
<i>Slc5a3</i>	ENSMUSG00000089774	1.21029388	0.030887732
<i>Gm15163</i>	ENSMUSG00000085711	-0.84956581	0.030887732
<i>Lrrc27</i>	ENSMUSG00000015980	-0.687221074	0.031073486
<i>Lmod2</i>	ENSMUSG00000029683	0.448097601	0.031204551
<i>Gm33023</i>	ENSMUSG00000110652	-1.693961947	0.031208519
<i>Ppan</i>	ENSMUSG00000004100	0.725286795	0.031270696
<i>Sdad1</i>	ENSMUSG00000029415	0.660901168	0.031270696
<i>Nat8f3</i>	ENSMUSG00000051262	-5.094750106	0.031358705
<i>Alox5ap</i>	ENSMUSG00000060063	0.76453038	0.031368413
<i>Phax</i>	ENSMUSG00000008301	0.533405483	0.031384995
<i>Dpp9</i>	ENSMUSG00000001229	-0.526886619	0.03143399

<i>Mum1</i>	ENSMUSG00000020156	-0.64988698	0.031482395
<i>Wtip</i>	ENSMUSG00000036459	0.607055116	0.031482395
<i>Col22a1</i>	ENSMUSG00000079022	2.677009023	0.031482395
<i>Gpd2</i>	ENSMUSG00000026827	-0.818398914	0.031482395
<i>Uqcrc2</i>	ENSMUSG00000030884	-0.505509374	0.031482395
<i>Hspa1a</i>	ENSMUSG00000091971	2.36887584	0.031508045
<i>Gm43823</i>	ENSMUSG00000106224	-1.872531939	0.031508045
<i>Rpl34-ps1</i>	ENSMUSG00000068396	0.781302571	0.031537527
<i>Gm42732</i>	ENSMUSG00000107331	-1.514467505	0.031546534
<i>Timm21</i>	ENSMUSG00000024645	-0.609278873	0.031567577
<i>Gm11263</i>	ENSMUSG00000083496	0.992493681	0.031604423
<i>Tnxb</i>	ENSMUSG00000033327	-0.516596437	0.031606289
<i>Rere</i>	ENSMUSG00000039852	-0.49695262	0.031620727
<i>Tnfaip6</i>	ENSMUSG00000053475	1.243970999	0.031674859
<i>Pik3r4</i>	ENSMUSG00000032571	-0.661193999	0.031674859
<i>Fbxo33</i>	ENSMUSG00000035329	0.643884056	0.031912206
<i>Mrln</i>	ENSMUSG00000019933	-2.85871051	0.031915546
<i>Slc52a3</i>	ENSMUSG00000027463	1.348990004	0.03208223
<i>Igtp</i>	ENSMUSG00000078853	-0.661449321	0.03208223
<i>Rgs7</i>	ENSMUSG00000026527	-1.299862916	0.032140684
<i>Rhoa</i>	ENSMUSG00000007815	0.406922999	0.032174055
<i>BC004004</i>	ENSMUSG00000052712	-0.47081096	0.032266671
<i>Mill2</i>	ENSMUSG00000040987	-0.615942838	0.032274526
<i>P3h3</i>	ENSMUSG00000023191	0.562811092	0.032290719
<i>Arl6</i>	ENSMUSG00000022722	0.646618285	0.032305951
<i>Lrr1</i>	ENSMUSG00000034883	4.518490004	0.032374207
<i>Soat1</i>	ENSMUSG00000026600	0.622139978	0.032431299
<i>Sdhc</i>	ENSMUSG00000058076	-0.471957391	0.032431299
<i>Rpl10</i>	ENSMUSG00000008682	0.489917499	0.032444517
<i>Smtnl2</i>	ENSMUSG00000045667	-0.502134786	0.032516711
<i>Kctd10</i>	ENSMUSG00000001098	0.588543545	0.032551163
<i>Aunip</i>	ENSMUSG00000078521	4.060961457	0.032647409
<i>Hnrnpa0</i>	ENSMUSG00000007836	0.424754129	0.032650114
<i>Usp9x</i>	ENSMUSG00000031010	-0.631795605	0.032747132
<i>Lrrc20</i>	ENSMUSG00000037151	-0.647870145	0.03275912
<i>Sft2d1</i>	ENSMUSG00000073468	0.604500848	0.032805124
<i>Mef2d</i>	ENSMUSG00000001419	-0.510654446	0.032825307
<i>Rpl41</i>	ENSMUSG00000093674	0.680478666	0.032825307
<i>Ralb</i>	ENSMUSG00000004451	0.462021865	0.032825307
<i>Ttc1</i>	ENSMUSG00000041278	0.442548646	0.032825307

<i>Ppm1b</i>	ENSMUSG00000061130	-0.510650312	0.032825307
<i>Arl1</i>	ENSMUSG00000060904	0.396536423	0.032962483
<i>Ago4</i>	ENSMUSG00000042500	-0.834707163	0.033020817
<i>Tmed2</i>	ENSMUSG00000029390	0.387991343	0.033104074
<i>1010001N08Rik</i>	ENSMUSG00000097222	-0.849222709	0.033155093
<i>Borcs5</i>	ENSMUSG00000042992	-0.604837873	0.033174468
<i>Pnrc1</i>	ENSMUSG00000040128	0.446878742	0.033192712
<i>Mrto4-ps2</i>	ENSMUSG00000091105	4.943898595	0.033194467
<i>Nat8f4</i>	ENSMUSG00000068299	-2.383384085	0.033220752
<i>Nabp1</i>	ENSMUSG00000026107	0.461928509	0.033235232
<i>Ipo7</i>	ENSMUSG00000066232	0.468765574	0.033300351
<i>Cep104</i>	ENSMUSG00000039523	-0.572847406	0.033310601
<i>Zscan26</i>	ENSMUSG00000022228	-0.651510123	0.033481678
<i>Zmym5</i>	ENSMUSG00000040123	-0.504896305	0.033539213
<i>Vcpkmt</i>	ENSMUSG00000049882	0.742840305	0.033629832
<i>Vasp</i>	ENSMUSG00000030403	0.517352763	0.033704721
<i>Dpysl5</i>	ENSMUSG00000029168	-2.026755685	0.033758708
<i>Dhx57</i>	ENSMUSG00000035051	-0.780873667	0.03381636
<i>A330074K22Rik</i>	ENSMUSG00000097960	2.810701703	0.03387266
<i>Angptl1</i>	ENSMUSG00000033544	-1.517838707	0.033960214
<i>Eps15l1</i>	ENSMUSG00000006276	-0.539657253	0.03407361
<i>Plscr2</i>	ENSMUSG00000032372	0.538870734	0.03407361
<i>4930507D05Rik</i>	ENSMUSG00000097129	5.061022543	0.03409297
<i>Lin7b</i>	ENSMUSG00000003872	-2.845683248	0.03409297
<i>Arl11</i>	ENSMUSG00000043157	0.975006973	0.034149945
<i>Lrrc8c</i>	ENSMUSG00000054720	0.647268448	0.034149945
<i>Gm8394</i>	ENSMUSG00000050490	0.763995808	0.03420743
<i>Tagap</i>	ENSMUSG00000033450	1.273912919	0.034217272
<i>Stag2</i>	ENSMUSG00000025862	0.461598627	0.034265474
<i>1110059E24Rik</i>	ENSMUSG00000035171	0.567563167	0.034330041
<i>Eif3h</i>	ENSMUSG00000022312	0.472550685	0.034346067
<i>Kif1b</i>	ENSMUSG00000063077	-0.573475921	0.034350076
<i>Cep83</i>	ENSMUSG00000020024	0.513036167	0.034350076
<i>Metap1d</i>	ENSMUSG00000041921	-0.54789527	0.034426662
<i>Olfm1</i>	ENSMUSG00000026833	0.763867304	0.034433222
<i>Mefv</i>	ENSMUSG00000022534	2.721913804	0.034459179
<i>Dstn</i>	ENSMUSG00000015932	0.479638378	0.034459179
<i>Ppefl</i>	ENSMUSG00000062168	4.437796209	0.034459179
<i>Zap70</i>	ENSMUSG00000026117	2.762161142	0.034684819
<i>Cbx3</i>	ENSMUSG00000029836	0.583173594	0.034753277

<i>Clk1</i>	ENSMUSG00000026034	-0.618746596	0.034789058
<i>Mttp</i>	ENSMUSG00000028158	-0.954359027	0.034856405
<i>Gda</i>	ENSMUSG00000058624	0.554956689	0.034856405
<i>Ythdf2</i>	ENSMUSG00000040025	0.513336556	0.034953361
<i>Gtf2fl</i>	ENSMUSG00000002658	0.530343416	0.034980331
<i>Cd8a</i>	ENSMUSG00000053977	3.010129326	0.034983286
<i>Lpcat3</i>	ENSMUSG00000004270	-0.597951119	0.035055057
<i>9130015G15Rik</i>	ENSMUSG00000108950	2.708691081	0.035104574
<i>Rab3ip</i>	ENSMUSG00000064181	0.454457517	0.035139502
<i>Atp5g3</i>	ENSMUSG00000018770	-0.483578596	0.035190744
<i>Baiap2</i>	ENSMUSG00000025372	0.625238855	0.035196513
<i>Lcn2</i>	ENSMUSG00000026822	0.736834284	0.035273116
<i>Gm43980</i>	ENSMUSG00000107962	-5.004133089	0.035434502
<i>Polr1e</i>	ENSMUSG00000028318	0.636847092	0.035459785
<i>Calhm6</i>	ENSMUSG00000046031	1.571071496	0.035500423
<i>Slco2b1</i>	ENSMUSG00000030737	-0.564619404	0.035500423
<i>Syt7</i>	ENSMUSG00000024743	-0.769362931	0.035750736
<i>Vil1</i>	ENSMUSG00000026175	-5.006532326	0.035774904
<i>Hspa14</i>	ENSMUSG00000109865	0.5129426	0.035790258
<i>Clec4a2</i>	ENSMUSG00000030148	0.947047251	0.035816316
<i>Spred1</i>	ENSMUSG00000027351	0.534231506	0.035831776
<i>Opn4</i>	ENSMUSG00000021799	-0.978945956	0.035875807
<i>Ifi203</i>	ENSMUSG00000039997	0.535725665	0.035875807
<i>Kcnk3</i>	ENSMUSG00000049265	-0.626099537	0.035875807
<i>Sesn2</i>	ENSMUSG00000028893	1.02159761	0.035911803
<i>Fbrs11</i>	ENSMUSG00000043323	-0.54189252	0.035938009
<i>Eif3m</i>	ENSMUSG00000027170	0.41701591	0.036089315
<i>Alms1</i>	ENSMUSG00000063810	-1.509315599	0.036092229
<i>Rgs3</i>	ENSMUSG00000059810	-0.531855103	0.03611529
<i>Flrt2</i>	ENSMUSG00000047414	-0.678865272	0.036229047
<i>Tek</i>	ENSMUSG00000006386	-0.450390038	0.036229047
<i>Klhl10</i>	ENSMUSG00000001558	-3.496777556	0.036229047
<i>Pdlim1</i>	ENSMUSG00000055044	0.434354939	0.036262148
<i>Phf24</i>	ENSMUSG00000036062	-1.007970936	0.036380684
<i>Tet1</i>	ENSMUSG00000047146	-1.348241742	0.036503301
<i>Hist1h2ao</i>	ENSMUSG00000094248	4.95127035	0.03665609
<i>Slc2a8</i>	ENSMUSG00000026791	-0.596910073	0.036712905
<i>Ube2s</i>	ENSMUSG00000060860	0.472548338	0.036749739
<i>Adgrd1</i>	ENSMUSG00000044017	-0.770956726	0.036763852
<i>Gorasp2</i>	ENSMUSG00000014959	0.439417377	0.036781358

<i>Gm38388</i>	ENSMUSG00000103215	-5.061711613	0.036814056
<i>Mlh3</i>	ENSMUSG00000021245	-0.726552637	0.036859396
<i>Tmem41a</i>	ENSMUSG00000022856	-0.632119396	0.03692677
<i>Clca3a1</i>	ENSMUSG00000056025	1.018634292	0.036932406
<i>Gm12551</i>	ENSMUSG00000081169	4.974106812	0.037165653
<i>Prim2</i>	ENSMUSG00000026134	0.919703227	0.037168064
<i>Ankrd63</i>	ENSMUSG00000078137	-1.604341825	0.037265772
<i>Bcl7a</i>	ENSMUSG00000029438	-0.847558533	0.037274701
<i>Itgb6</i>	ENSMUSG00000026971	-1.297479304	0.03728427
<i>Psm10</i>	ENSMUSG00000031429	0.53486917	0.037296488
<i>Pigg</i>	ENSMUSG00000029263	-0.967308159	0.03744465
<i>Smug1</i>	ENSMUSG00000036061	-0.666323524	0.03748594
<i>Dnajc16</i>	ENSMUSG00000040697	-0.642722621	0.037533868
<i>Rnmt</i>	ENSMUSG00000009535	0.520851394	0.037533868
<i>Got2</i>	ENSMUSG00000031672	-0.433762486	0.037555515
<i>Nmr11</i>	ENSMUSG00000063445	0.832988341	0.037555515
<i>Mical1</i>	ENSMUSG00000019823	0.872293202	0.037556723
<i>Gm13841</i>	ENSMUSG00000083833	0.612524332	0.037643571
<i>Atxn2</i>	ENSMUSG00000042605	-0.600895425	0.037651233
<i>Bag5</i>	ENSMUSG00000049792	0.485196891	0.037835632
<i>Myot</i>	ENSMUSG00000024471	-0.675807451	0.037848391
<i>Amot</i>	ENSMUSG00000041688	-0.637982914	0.037868704
<i>Arhgef11</i>	ENSMUSG00000041977	-0.765119784	0.037868704
<i>BC048679</i>	ENSMUSG00000061877	-5.01637595	0.037893128
<i>Bub3</i>	ENSMUSG00000066979	0.490786114	0.037943985
<i>Adgrg3</i>	ENSMUSG00000060470	1.000782854	0.038004011
<i>Bloc1s5</i>	ENSMUSG00000038982	0.484402381	0.038107077
<i>Pdcl3</i>	ENSMUSG00000026078	0.429460719	0.038171151
<i>Taf1a</i>	ENSMUSG00000072258	-0.60056576	0.038216222
<i>Mrps36</i>	ENSMUSG00000061474	-0.540460232	0.038225818
<i>Ywhaq-ps3</i>	ENSMUSG00000080902	1.367220631	0.038225818
<i>Nap113</i>	ENSMUSG00000055733	-1.549550546	0.038225818
<i>Snrpd1</i>	ENSMUSG00000002477	0.609499166	0.038250668
<i>Mmp9</i>	ENSMUSG00000017737	-1.39488616	0.038262398
<i>Gpr141</i>	ENSMUSG00000053101	2.610289186	0.038276234
<i>Mef2c</i>	ENSMUSG00000005583	-0.529329776	0.038347333
<i>Zmat2</i>	ENSMUSG00000001383	0.455569856	0.038347333
<i>Cenpt</i>	ENSMUSG00000036672	0.89209119	0.038347333
<i>Mgst3</i>	ENSMUSG00000026688	-0.437911005	0.038393792
<i>Itgax</i>	ENSMUSG00000030789	1.66902535	0.038410518

<i>Ift20</i>	ENSMUSG00000001105	0.424861953	0.038414363
<i>Gm43618</i>	ENSMUSG00000105403	-2.84332728	0.038546714
<i>Gria3</i>	ENSMUSG00000001986	0.964047317	0.038546714
<i>Dhfr</i>	ENSMUSG000000021707	0.792404947	0.038546714
<i>Ncoa2</i>	ENSMUSG000000005886	-0.554719048	0.038556754
<i>Slc25a37</i>	ENSMUSG000000034248	-0.658758743	0.038556754
<i>Atp6v0a2</i>	ENSMUSG000000038023	-0.532485021	0.038624778
<i>Fgf11</i>	ENSMUSG000000042826	-1.081057639	0.038692225
<i>Mrps18a</i>	ENSMUSG000000023967	0.411612007	0.038724585
<i>Card10</i>	ENSMUSG000000033170	-0.601903817	0.038753449
<i>Lvrn</i>	ENSMUSG000000024481	-1.760715048	0.038886588
<i>Calhm5</i>	ENSMUSG000000049872	0.991217418	0.038981854
<i>Iqub</i>	ENSMUSG000000046192	-5.015882471	0.038981854
<i>Slc2a12</i>	ENSMUSG000000037490	-1.048721908	0.038981854
<i>Wdr35</i>	ENSMUSG000000066643	-0.612124352	0.039000508
<i>Mxd4</i>	ENSMUSG000000037235	0.484664813	0.039008643
<i>Dnaja3</i>	ENSMUSG000000004069	-0.471316738	0.039008643
<i>Esrrb</i>	ENSMUSG000000021255	-0.588411672	0.039008643
<i>Pask</i>	ENSMUSG000000026274	2.354314658	0.039011927
<i>Ctsd</i>	ENSMUSG000000007891	0.416512164	0.039041013
<i>Ppp1r2</i>	ENSMUSG000000047714	0.388720614	0.03904653
<i>Cyhr1</i>	ENSMUSG000000053929	-0.414383885	0.039111631
<i>Phf11a</i>	ENSMUSG000000044703	1.790213308	0.039143586
<i>Hnrnpf</i>	ENSMUSG000000042079	0.479637239	0.039178092
<i>Rsl1d1</i>	ENSMUSG000000005846	0.492017742	0.039269768
<i>Ubash3a</i>	ENSMUSG000000042345	4.873372386	0.039280015
<i>Mlxip</i>	ENSMUSG000000038342	-0.557898393	0.039308801
<i>Clybl</i>	ENSMUSG000000025545	-0.451217292	0.03937964
<i>Gm17066</i>	ENSMUSG000000091509	0.942600366	0.039420816
<i>Rab5b</i>	ENSMUSG000000000711	-0.442516514	0.039478381
<i>Nckap5</i>	ENSMUSG000000049690	-1.155059298	0.039743574
<i>U2af1</i>	ENSMUSG000000061613	0.493765617	0.03974411
<i>Zranb1</i>	ENSMUSG000000030967	0.615247778	0.039754587
<i>Lpin1</i>	ENSMUSG000000020593	-0.654112358	0.039802671
<i>Cyb561d2</i>	ENSMUSG000000037190	0.679120245	0.039846745
<i>Herc6</i>	ENSMUSG000000029798	0.941029998	0.039846745
<i>Ccdc146</i>	ENSMUSG000000064280	-1.012660634	0.039885094
<i>mt-Th</i>	ENSMUSG000000064364	-3.424738485	0.03989479
<i>Pacsin2</i>	ENSMUSG000000016664	-0.426747825	0.039905414
<i>Afg1l</i>	ENSMUSG000000038302	-0.538935421	0.039909777

<i>Tceal1</i>	ENSMUSG00000049536	-0.566504891	0.03991029
<i>E2f2</i>	ENSMUSG00000018983	1.449084522	0.039998043
<i>Ace</i>	ENSMUSG00000020681	0.572899063	0.039998043
<i>Cops2</i>	ENSMUSG00000027206	0.414414838	0.039998043
<i>2900041M22Rik</i>	ENSMUSG00000054418	1.137512707	0.039998043
<i>Fbn2</i>	ENSMUSG00000024598	1.727887207	0.039998043
<i>Slc12a2</i>	ENSMUSG00000024597	0.582892727	0.040021882
<i>Fam160a1</i>	ENSMUSG00000051000	-0.545929548	0.040040175
<i>Ppp1r18</i>	ENSMUSG00000034595	0.57659067	0.040040175
<i>Sec61g</i>	ENSMUSG00000078974	0.636307099	0.040060512
<i>Igf2r</i>	ENSMUSG00000023830	-0.500979476	0.040079393
<i>Gosr2</i>	ENSMUSG00000020946	0.528983579	0.040079393
<i>Rplp0</i>	ENSMUSG00000067274	0.432432543	0.040079393
<i>Kif18a</i>	ENSMUSG00000027115	1.217995094	0.040079393
<i>Sfpq</i>	ENSMUSG00000028820	0.481128061	0.040095817
<i>Casp8</i>	ENSMUSG00000026029	0.61228695	0.040127353
<i>AC133498.1</i>	ENSMUSG00000114053	-0.818165721	0.040127353
<i>Idh3g</i>	ENSMUSG00000002010	-0.399941256	0.040127353
<i>Gm16271</i>	ENSMUSG00000089656	-3.852665688	0.040127353
<i>Col4a5</i>	ENSMUSG00000031274	0.63121573	0.04012796
<i>Gm8818</i>	ENSMUSG00000079138	4.973507265	0.040132019
<i>Gprasp2</i>	ENSMUSG00000072966	-1.474785687	0.040369737
<i>Tbxa2r</i>	ENSMUSG00000034881	1.170593336	0.040437232
<i>Slc16a2</i>	ENSMUSG00000033965	-0.641897769	0.040503327
<i>Mylip</i>	ENSMUSG00000038175	-0.566855601	0.040503327
<i>Trim27</i>	ENSMUSG00000021326	0.499413607	0.040550608
<i>Pappa</i>	ENSMUSG00000028370	1.666308374	0.040554573
<i>9130401M01Rik</i>	ENSMUSG00000101892	0.687807566	0.040600409
<i>Derl2</i>	ENSMUSG00000018442	0.437649605	0.040642497
<i>Rtcb</i>	ENSMUSG00000001783	0.427368157	0.040668047
<i>Klrk1</i>	ENSMUSG00000030149	2.162851291	0.040668047
<i>Pecr</i>	ENSMUSG00000026189	-0.642585086	0.040724303
<i>Luzp2</i>	ENSMUSG00000063297	-5.028787081	0.04073791
<i>Ift46</i>	ENSMUSG00000002031	0.527581419	0.04073791
<i>Actg2</i>	ENSMUSG00000059430	1.756348133	0.040743994
<i>Ednra</i>	ENSMUSG00000031616	-0.667798298	0.040831218
<i>Smim15</i>	ENSMUSG00000071180	0.49224689	0.040867021
<i>Letm2</i>	ENSMUSG00000037363	-1.004269348	0.040867021
<i>Ggt5</i>	ENSMUSG00000006344	-0.758929021	0.040867021
<i>Dnajc4</i>	ENSMUSG00000024963	-0.432579024	0.040867021

<i>Gm15535</i>	ENSMUSG00000085527	-2.364016377	0.040896202
<i>Zfp174</i>	ENSMUSG00000054939	-2.004633577	0.040896202
<i>Gm867</i>	ENSMUSG00000050157	4.328957225	0.040898546
<i>Agk</i>	ENSMUSG00000029916	-0.718453437	0.040898546
<i>Dnajc5b</i>	ENSMUSG00000027606	-4.483485811	0.040898546
<i>Dpp3</i>	ENSMUSG00000063904	0.459983941	0.040898546
<i>Gtf3c1</i>	ENSMUSG00000032777	-0.483239835	0.041021586
<i>Zfp791</i>	ENSMUSG00000074194	-1.319929358	0.041025847
<i>Cobl1l</i>	ENSMUSG00000034903	-0.557936317	0.041025847
<i>Dhps</i>	ENSMUSG00000060038	0.467538336	0.041025847
<i>Plk5</i>	ENSMUSG00000035486	-2.037253522	0.041025847
<i>Ddx6</i>	ENSMUSG00000032097	-0.434924509	0.041025847
<i>Pbld1</i>	ENSMUSG00000112129	-5.028172184	0.041045212
<i>Cers4</i>	ENSMUSG00000008206	-0.488219313	0.041103535
<i>Cct7</i>	ENSMUSG00000030007	0.446373308	0.041202343
<i>Akr7a5</i>	ENSMUSG00000028743	-0.405396852	0.041202343
<i>Snhg6</i>	ENSMUSG00000098234	0.717690783	0.041332893
<i>Klhl33</i>	ENSMUSG00000090799	-1.968077367	0.041332893
<i>Ube2e3</i>	ENSMUSG00000027011	-0.458817705	0.04142081
<i>Rhog</i>	ENSMUSG00000073982	0.577248465	0.04150698
<i>Atp6v0b</i>	ENSMUSG00000033379	0.421737262	0.041568177
<i>Spidr</i>	ENSMUSG00000041974	0.919424913	0.041568177
<i>Fabp3-ps1</i>	ENSMUSG00000056366	-0.569370586	0.041608062
<i>Arhgef18</i>	ENSMUSG00000004568	-0.626784009	0.041641911
<i>Scp2</i>	ENSMUSG00000028603	-0.461837649	0.041664175
<i>Fxr2</i>	ENSMUSG00000018765	-0.397470446	0.041860039
<i>1810021B22Rik</i>	ENSMUSG00000087331	-1.196250419	0.041962464
<i>Slc25a22</i>	ENSMUSG00000019082	-0.772550827	0.041984214
<i>B430212C06Rik</i>	ENSMUSG00000046415	-1.544517204	0.042003372
<i>Slc22a5</i>	ENSMUSG00000018900	-0.592203145	0.042027017
<i>Focad</i>	ENSMUSG00000038368	-0.776468474	0.042076493
<i>Sirt4</i>	ENSMUSG00000029524	-0.715551364	0.04208669
<i>Gm29560</i>	ENSMUSG00000101641	-3.486638852	0.042092957
<i>4930458D05Rik</i>	ENSMUSG00000087611	-1.555589037	0.042110586
<i>Gm7665</i>	ENSMUSG00000063628	1.224040127	0.042110586
<i>Casz1</i>	ENSMUSG00000028977	-0.766583679	0.042110586
<i>Smim24</i>	ENSMUSG00000078439	-1.061267557	0.04232472
<i>Emc8</i>	ENSMUSG00000031819	0.474768301	0.042325291
<i>Scn5a</i>	ENSMUSG00000032511	-0.619047764	0.042343158
<i>Phf11b</i>	ENSMUSG00000091649	0.769284478	0.042381904

<i>Map10</i>	ENSMUSG00000050930	-0.858621879	0.042432114
<i>Pick1</i>	ENSMUSG00000068206	-0.821118431	0.042544783
<i>Fbxl17</i>	ENSMUSG00000023965	-0.498404897	0.042845873
<i>Runx1t1</i>	ENSMUSG00000006586	-1.20978313	0.0428772
<i>Fam241b</i>	ENSMUSG00000020083	-0.971371082	0.043021152
<i>Axl</i>	ENSMUSG00000002602	0.476305723	0.043028626
<i>Myo9b</i>	ENSMUSG00000004677	0.552244025	0.043038653
<i>Pgf</i>	ENSMUSG00000004791	-0.755965092	0.043038653
<i>Surf4</i>	ENSMUSG00000014867	0.438558339	0.043150213
<i>Hcst</i>	ENSMUSG00000064109	1.671785951	0.043257596
<i>Fry</i>	ENSMUSG00000056602	-0.618819738	0.04325837
<i>Hint3</i>	ENSMUSG00000019791	-0.431788196	0.043355728
<i>Acyl</i>	ENSMUSG00000023262	-0.632114313	0.043467147
<i>Rpl35</i>	ENSMUSG00000062997	0.621961001	0.043467147
<i>Nsd1</i>	ENSMUSG00000021488	-0.525150091	0.043478253
<i>Csnk1a1</i>	ENSMUSG00000024576	0.391855775	0.043486376
<i>Sema3a</i>	ENSMUSG00000028883	1.073037221	0.043575237
<i>Il17rc</i>	ENSMUSG00000030281	0.62963595	0.043671971
<i>Gm36670</i>	ENSMUSG00000109696	-1.29567791	0.04368179
<i>Adam8</i>	ENSMUSG00000025473	1.369723371	0.04385619
<i>Eme1</i>	ENSMUSG00000039055	2.896387439	0.04385619
<i>Chmp2b</i>	ENSMUSG00000004843	0.412042139	0.04385619
<i>Kansl1</i>	ENSMUSG00000018412	-0.60491103	0.043872808
<i>Fkbp8</i>	ENSMUSG00000019428	0.389191384	0.043887614
<i>Kif5c</i>	ENSMUSG00000026764	1.419702276	0.043909149
<i>Serpina3h</i>	ENSMUSG00000041449	2.318606543	0.043937626
<i>Eif3e</i>	ENSMUSG00000022336	0.444032228	0.043981334
<i>Apoo</i>	ENSMUSG00000079508	-0.402928987	0.044082054
<i>Rps27l</i>	ENSMUSG00000036781	0.485414433	0.044082054
<i>Usp1</i>	ENSMUSG00000028560	0.473572006	0.044193112
<i>mt-Ts2</i>	ENSMUSG00000064365	-2.905944092	0.044193112
<i>Synrg</i>	ENSMUSG00000034940	-0.650602319	0.044193112
<i>Malat1</i>	ENSMUSG00000092341	-1.500169786	0.044223234
<i>Gm49172</i>	ENSMUSG00000115049	0.840610648	0.044223411
<i>Nedd4</i>	ENSMUSG00000032216	-0.416615293	0.04429857
<i>Klc1</i>	ENSMUSG00000021288	0.437982038	0.04429857
<i>Gm14261</i>	ENSMUSG00000085322	-0.962253954	0.044301639
<i>Zfp991</i>	ENSMUSG00000067916	0.676200251	0.044425386
<i>Ylpm1</i>	ENSMUSG00000021244	-0.629008166	0.044425386
<i>Hsp25-ps1</i>	ENSMUSG00000078915	2.321795153	0.044506612

<i>Gfer</i>	ENSMUSG00000040888	0.473841337	0.044506612
<i>Fam117a</i>	ENSMUSG00000038893	-0.719109684	0.044553424
<i>Sell13</i>	ENSMUSG00000029189	-2.185951162	0.044647792
<i>Ptms</i>	ENSMUSG00000030122	0.566642362	0.044816191
<i>Gm30556</i>	ENSMUSG00000115180	-1.394431645	0.044816191
<i>Ppard</i>	ENSMUSG00000002250	-0.550850217	0.044845757
<i>Cenpn</i>	ENSMUSG00000031756	1.476289358	0.044913614
<i>Pygo1</i>	ENSMUSG00000034910	-0.723130472	0.044969079
<i>Stard9</i>	ENSMUSG00000033705	-0.873728501	0.044969079
<i>Dgkeos</i>	ENSMUSG00000063109	-2.330569862	0.044987364
<i>Aimp2</i>	ENSMUSG00000029610	0.51650305	0.045002719
<i>Clgalt1c1</i>	ENSMUSG00000048970	0.59498469	0.045084771
<i>Hoxd8</i>	ENSMUSG00000027102	1.253581896	0.04512603
<i>Mgll</i>	ENSMUSG00000033174	0.582787898	0.04512603
<i>4930452B06Rik</i>	ENSMUSG00000021747	-1.167256195	0.045159314
<i>Chmp2a</i>	ENSMUSG00000033916	0.380701038	0.045276262
<i>Celsr2</i>	ENSMUSG00000068740	-1.770525975	0.045276262
<i>Pon2</i>	ENSMUSG00000032667	0.477440836	0.045293569
<i>Lypd2</i>	ENSMUSG00000022595	-1.357829253	0.045329388
<i>Tnik</i>	ENSMUSG00000027692	-0.670417475	0.045394695
<i>Arhgap21</i>	ENSMUSG00000036591	-0.636531661	0.045524959
<i>Stard7</i>	ENSMUSG00000027367	-0.501716205	0.045573456
<i>Crb2</i>	ENSMUSG00000035403	-1.74101755	0.045573456
<i>Vnn1</i>	ENSMUSG00000037440	-2.117081585	0.045575973
<i>Rsrc1</i>	ENSMUSG00000034544	0.491837627	0.045592773
<i>Cct4</i>	ENSMUSG00000007739	0.417557754	0.045630816
<i>Sp1</i>	ENSMUSG00000001280	-0.554678287	0.045630816
<i>Gm43813</i>	ENSMUSG00000106636	4.406499603	0.045648999
<i>Vav1</i>	ENSMUSG00000034116	0.686742435	0.045660585
<i>Tmem106b</i>	ENSMUSG00000029571	-0.398408027	0.045712252
<i>Gm11431</i>	ENSMUSG00000087407	-4.928938293	0.045726336
<i>Npm3</i>	ENSMUSG00000056209	0.497681278	0.045765533
<i>Rdh14</i>	ENSMUSG00000020621	-0.49757455	0.045768969
<i>Matr3</i>	ENSMUSG00000037236	0.403652732	0.045823212
<i>Dsn1</i>	ENSMUSG00000027635	1.077071619	0.045823212
<i>Tpsb2</i>	ENSMUSG00000033825	0.941401699	0.045908756
<i>Rps27</i>	ENSMUSG00000090733	0.687856195	0.045963356
<i>Dock3</i>	ENSMUSG00000039716	-4.980194835	0.04607839
<i>Cxxc5</i>	ENSMUSG00000046668	-0.535139297	0.046120832
<i>Eya1</i>	ENSMUSG00000025932	-1.986444569	0.046134647

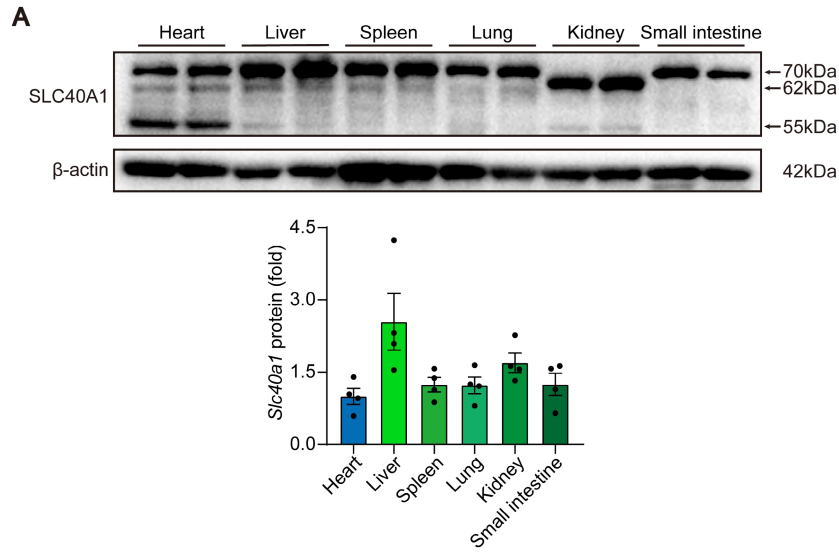
<i>Gm4924</i>	ENSMUSG00000073427	1.398242619	0.046136658
<i>Stk3</i>	ENSMUSG00000022329	0.649834007	0.046145342
<i>Faap24</i>	ENSMUSG00000030493	0.982011757	0.046348342
<i>Pard6a</i>	ENSMUSG00000005699	0.607347747	0.046382702
<i>Ptov1</i>	ENSMUSG00000038502	-0.409981233	0.046415031
<i>Mks1</i>	ENSMUSG00000034121	-1.194966464	0.046433828
<i>Sec16a</i>	ENSMUSG00000026924	-0.599162852	0.046439095
<i>Rnf167</i>	ENSMUSG00000040746	-0.482114033	0.046439095
<i>Bzw2</i>	ENSMUSG00000020547	-0.499964782	0.046439095
<i>Lrrn2</i>	ENSMUSG00000026443	0.907637001	0.046481339
<i>Ptpa</i>	ENSMUSG00000039515	0.399158227	0.046575037
<i>Ano8</i>	ENSMUSG00000034863	-0.68888599	0.046575037
<i>Tor1a</i>	ENSMUSG00000026849	0.543656173	0.046575037
<i>Extl1</i>	ENSMUSG00000028838	-0.73974013	0.046575037
<i>Stt3b</i>	ENSMUSG00000032437	0.451912959	0.046642207
<i>Gm26772</i>	ENSMUSG00000097136	4.270436556	0.0467834
<i>Mrps24</i>	ENSMUSG00000020477	-0.416259501	0.0467834
<i>Arhgap28</i>	ENSMUSG00000024043	-1.111424494	0.046833514
<i>Pter</i>	ENSMUSG00000026730	-0.595796011	0.046886549
<i>Cbr4</i>	ENSMUSG00000031641	-0.476591873	0.046886549
<i>Ndufa3</i>	ENSMUSG00000035674	-0.658293158	0.047002519
<i>Stradb</i>	ENSMUSG00000026027	-0.426895867	0.047018098
<i>Cpn2</i>	ENSMUSG00000023176	-2.717262793	0.047060913
<i>Usp16</i>	ENSMUSG00000025616	0.442209293	0.047149416
<i>Gmds</i>	ENSMUSG00000038372	0.656626083	0.047236054
<i>Atp6v0d2</i>	ENSMUSG00000028238	2.022723207	0.047319377
<i>Ypel2</i>	ENSMUSG00000018427	-0.776638498	0.047364103
<i>Taz</i>	ENSMUSG00000009995	-0.590295361	0.047584894
<i>Pdcd1</i>	ENSMUSG00000026285	3.31146943	0.047606499
<i>Rnf126</i>	ENSMUSG00000035890	0.451202605	0.047633914
<i>Plbd1</i>	ENSMUSG00000030214	-0.48954994	0.047642049
<i>Hipk3</i>	ENSMUSG00000027177	-0.499909971	0.04775647
<i>Cyp2b10</i>	ENSMUSG00000030483	-2.566054262	0.047803543
<i>Tap1</i>	ENSMUSG00000037321	0.677978139	0.047856875
<i>Gm3756</i>	ENSMUSG00000091639	0.944740722	0.047856875
<i>Afg3l2</i>	ENSMUSG00000024527	0.498997983	0.047878496
<i>Mrpl41</i>	ENSMUSG00000036850	-0.56024256	0.047888742
<i>D530033B14Rik</i>	ENSMUSG00000108332	-2.299176488	0.047915341
<i>Ddias</i>	ENSMUSG00000030641	1.579804848	0.048018762
<i>Tcf24</i>	ENSMUSG00000099032	1.670876257	0.048048933

<i>Irf4</i>	ENSMUSG00000021356	-1.349359345	0.048229004
<i>Gm7658</i>	ENSMUSG00000082935	0.68756525	0.048329826
<i>Apex2</i>	ENSMUSG00000025269	-0.859199035	0.048357925
<i>Zcchc3</i>	ENSMUSG00000074682	-0.648259563	0.048357925
<i>Gm49085</i>	ENSMUSG00000115249	4.84378008	0.048357925
<i>Lrfn4</i>	ENSMUSG00000045045	-0.672375481	0.048357925
<i>Arhgef15</i>	ENSMUSG00000052921	-0.598167365	0.048357925
<i>Ahcy</i>	ENSMUSG00000027597	0.50176959	0.048406242
<i>Ppp1r14b</i>	ENSMUSG00000056612	0.452252991	0.048415832
<i>Rcc1</i>	ENSMUSG00000028896	0.701587698	0.048607252
<i>Akt3</i>	ENSMUSG00000019699	0.548118551	0.048656755
<i>Smyd1</i>	ENSMUSG00000055027	-0.473759606	0.048656755
<i>Eif4a2</i>	ENSMUSG00000022884	-0.475884366	0.048739275
<i>Otub1</i>	ENSMUSG00000024767	0.43891953	0.048905268
<i>Crocc</i>	ENSMUSG00000040860	-1.207012571	0.048929945
<i>Cmtm3</i>	ENSMUSG00000031875	0.514788365	0.048940846
<i>Ecsit</i>	ENSMUSG00000066839	-0.472868588	0.048993674
<i>Rnf123</i>	ENSMUSG00000041528	-0.535671253	0.049035111
<i>Rexo1</i>	ENSMUSG00000047417	-0.634737333	0.049157274
<i>Sncaip</i>	ENSMUSG00000024534	-0.67538239	0.049253706
<i>Dcaf10</i>	ENSMUSG00000035572	0.58597458	0.049315745
<i>Ttc39a</i>	ENSMUSG00000028555	-1.664958798	0.049315745
<i>Gm15956</i>	ENSMUSG00000086935	-3.081867457	0.049315745
<i>Chd2</i>	ENSMUSG00000078671	-0.643361951	0.049315745
<i>Fam83e</i>	ENSMUSG00000054161	-4.890735554	0.049318177
<i>Nop16</i>	ENSMUSG00000025869	0.537900196	0.049374178
<i>9430091E24Rik</i>	ENSMUSG00000084808	-1.084782866	0.049384338
<i>Plekhhl1</i>	ENSMUSG00000060716	-2.90819733	0.049404902
<i>Fcer1g</i>	ENSMUSG00000058715	0.590833054	0.049428388
<i>Pa2g4</i>	ENSMUSG00000025364	0.437290551	0.049459502
<i>Orai2</i>	ENSMUSG00000039747	1.357157626	0.049494745
<i>Tbl3</i>	ENSMUSG00000040688	0.575598944	0.049702161
<i>Mrpl39</i>	ENSMUSG00000022889	-0.453209028	0.049710398
<i>Cebpzos</i>	ENSMUSG00000062691	-0.669999705	0.049710398
<i>Klhl2</i>	ENSMUSG00000031605	0.609737655	0.049774062
<i>Gm11585</i>	ENSMUSG00000082045	0.795593916	0.049787429
<i>A430033K04Rik</i>	ENSMUSG00000056014	-1.027424618	0.049787429
<i>Rasl10a</i>	ENSMUSG00000034209	-1.066672085	0.049787429
<i>6030458C11Rik</i>	ENSMUSG00000022195	-0.550979979	0.049885014
<i>C330013E15Rik</i>	ENSMUSG00000097093	-1.477784995	0.049932095

1

2 **Figure S1. Expression abundance of SLC40A1 in different tissues of mice.**

3 (A) Western blot analysis of SLC40A1 expression in wild-type mice's heart, liver, spleen, lung, kidney, and small intestine,
4 normalized to β -actin. The data is presented as the mean value plus or minus the standard error of the mean (n = 4).

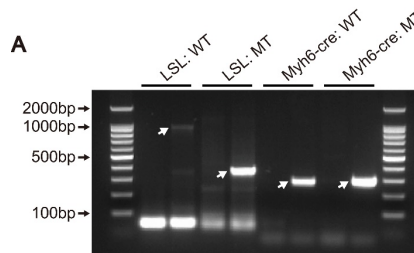


5

6

7 **Figure S2. Identification of mice genotypes.**

8 (A) The genotypes of Rosa26-LSL (LoxP-Stop-LoxP)-*Slc40a1* and *Myh6*-Cre were determined using PCR and gel
9 electrophoresis. WT, wild type; MT, mutant.

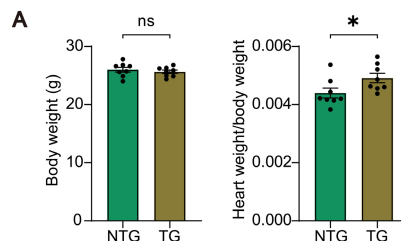


10

11

12 **Figure S3. Increased heart weight in TG mice.**

13 (A) Measurements of body weight and heart/body weight ratios were taken for both TG and NTG mice. The data is
14 presented as the mean value plus or minus the standard error of the mean (n = 8). The data is presented as the mean value
15 plus or minus the standard error of the mean. Statistical significance is denoted by *p < 0.05.



16

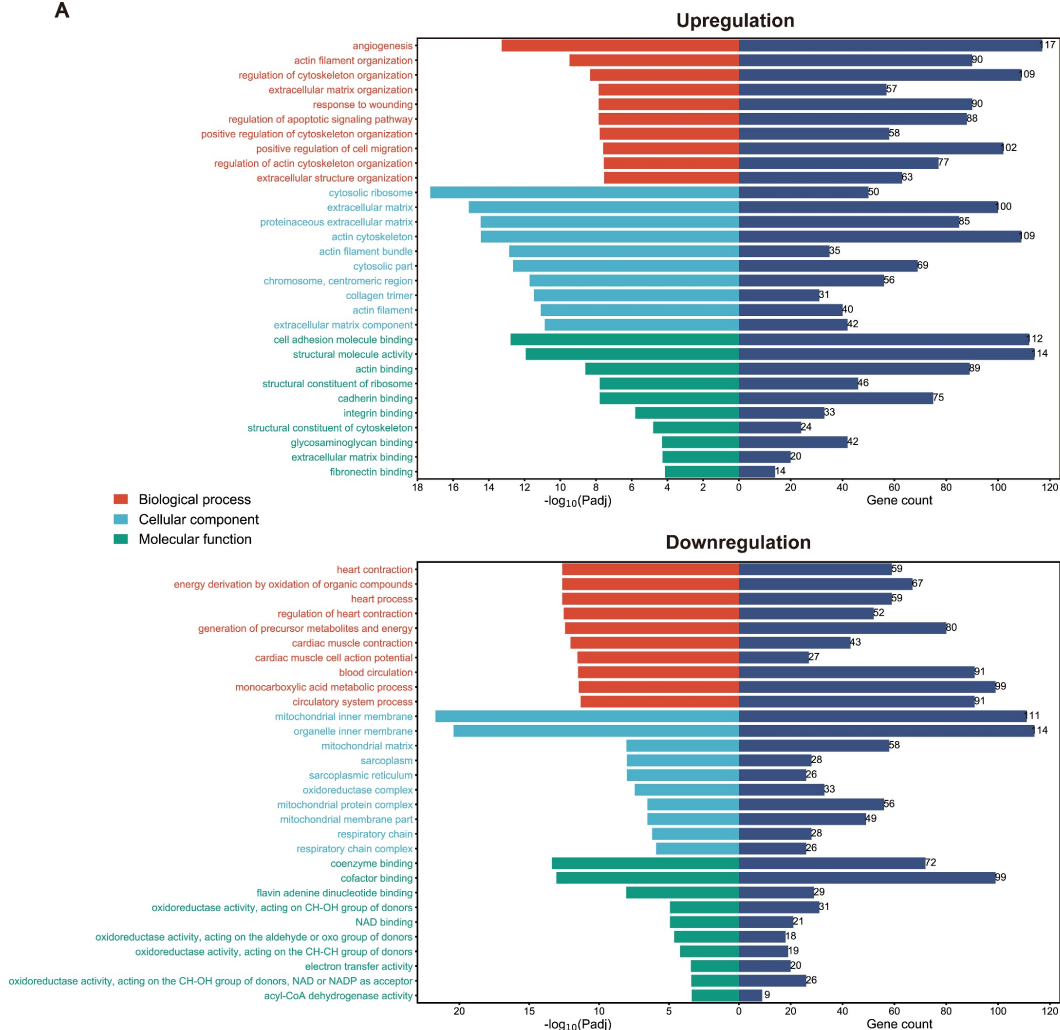
17

18 **Figure S4. There were notable alterations observed in various pathways that are closely linked to mitochondrial
19 function, ROS production, and apoptosis in TG mice.**

20 (A) GO analysis was conducted to identify up- and down-regulated pathways in the hearts of TG mice compared to NTG

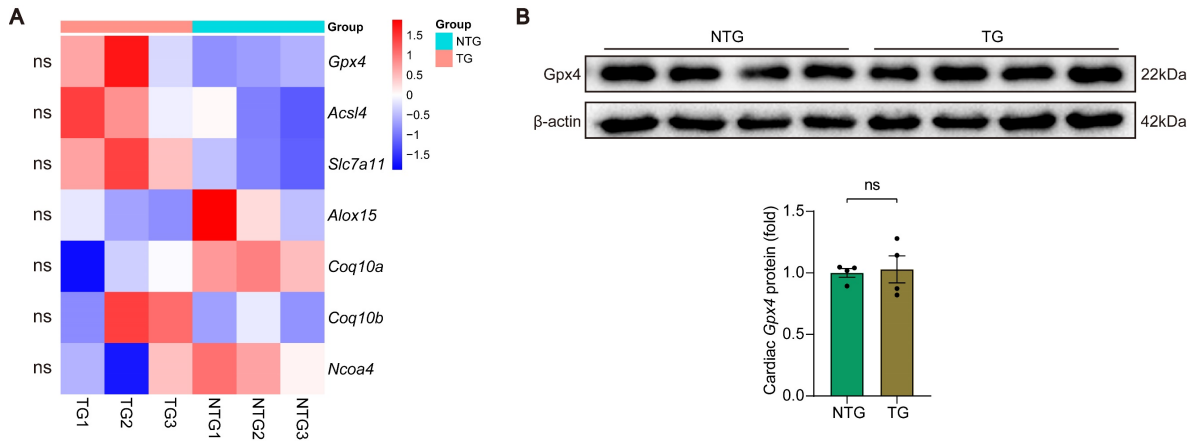
1 mice. The top 10 pathways in the biological process, cellular component, and molecular function classifications are
 2 presented.

A



3
 4
 5 **Figure S5. There was an absence of substantial alteration in the myocardial expression of crucial genes associated**
 6 **with ferroptosis in TG mice.**

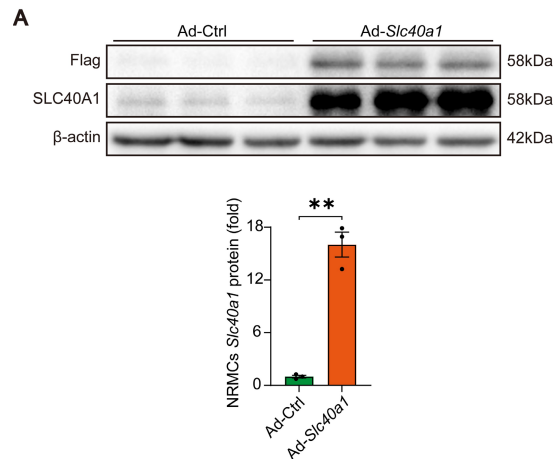
7 (A) The mRNA sequencing results revealed no differential expression of myocardial *Gpx4*, *Acs14*, *Slc7a11*, *Alox15*,
 8 *Coq10a*, *Coq10b*, and *Ncoa4* in TG mice compared to NTG mice (n = 3). (B) Western blot analysis of *Gpx4* expression
 9 of myocardial in TG mice compared to NTG mice. The data is presented as the mean value plus or minus the standard
 10 error of the mean (n = 4).



1
2

Figure S6. The effectiveness of SLC40A1 overexpression was assessed.

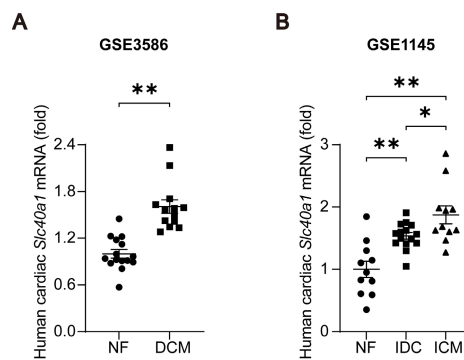
3
4 (A) NRMCs *Slc40a1* protein was measured using western blot analysis, normalized to β -actin (n = 3). The data is presented
5 as the mean value plus or minus the standard error of the mean. Statistical significance is denoted by **p < 0.01.



6
7

Figure S7. *Slc40a1* were up-regulated in human heart with heart failure.

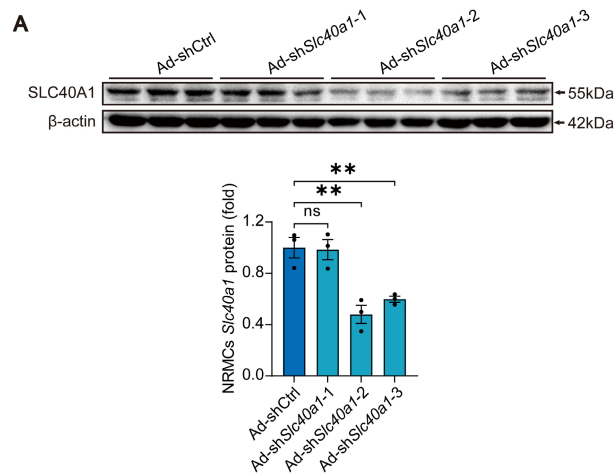
8
9 (A) *Slc40a1* mRNA levels in the heart samples of non-failing (NF) subjects (n = 15) and dilated cardiomyopathy (DCM)
10 patients (n = 13) based on RNA-seq data. (B) *Slc40a1* mRNA levels in the heart samples of non-failing (NF) subjects (n =
11), idiopathic dilated cardiomyopathy (IDC) patients (n = 15), and ischemic cardiomyopathy (ICM) patients (n = 11). The
12 data is presented as the mean value plus or minus the standard error of the mean. Statistical significance is denoted by *p
13 < 0.05 and **p < 0.01.



14
15

Figure S8. The effectiveness of SLC40A1 knock-down was assessed.

1 (A) NRMCs *Slc40a1* protein was measured using western blot analysis, normalized to β -actin (n = 3). We used Ad-
2 *shSlc40a1-3* for further research. The data is presented as the mean value plus or minus the standard error of the mean.
3 Statistical significance is denoted by * $p < 0.05$ and ** $p < 0.01$.



4

5

6

7 **Figure S9. Knockdown of Steap4 in cardiomyocytes resulted in improved mitochondrial morphology, inhibition of**
8 **NADPH content decrease, and reduced apoptosis in TG mice.**

9 (A) Electron micrographs of heart tissue illustrate the morphology of mitochondria. (B) Cardiac NADPH content was
10 measured (n = 5). (C) Mouse hearts were stained with TUNEL (red) and DAPI (blue) in order to detect apoptotic cells (n
11 = 4). TUNEL positive nuclei are quantified. The data is presented as the mean value plus or minus the standard error of
12 the mean. Statistical significance is denoted by * $p < 0.05$ and ** $p < 0.01$.

