

Supplementary Table 1. Genes differentially expressed ($q < 0.05$; $|FC| > 2$) in the whole B16 tumour-bearing lungs from Arhgef1 KO vs WT mice. Data are representative of five biological replicates per group. Differential expression was determined using DESeq2 with two-sided Wald test and Benjamini-Hochberg correction for multiple comparisons.

Gene name	Log2 foldchange	LfcSE	Stat	p value	Adjusted p value
<i>Xkr4</i>	-0.901771391	1.781679859	-0.50613548	0.612761545	0.974001549
<i>Rp1</i>	-0.54811254	0.395453865	-1.386034094	0.165736493	0.860011234
<i>Sox17</i>	-0.089807609	0.194116174	-0.462648772	0.643616144	0.97889195
<i>Mrpl15</i>	0.064561111	0.16759119	0.385229741	0.70006721	0.988482081
<i>Lypla1</i>	-0.059155523	0.134699911	-0.439165273	0.660541786	0.979924124
<i>Tcea1</i>	0.00819946		0.055991827	0.955348318	0.99614946
<i>Rgs20</i>	0.677264603	1.911645063	0.354283657	0.723126315	0.988585656
<i>Atp6v1h</i>	1813.962102	0.122415573	-0.983470962	0.3253757	0.91640698
<i>Npbwr1</i>	-0.682005779	1.789152902	-0.381189208	0.703062856	0.988585656
<i>Rb1cc1</i>	-0.308552109	0.1309345	-2.356537886	0.018446186	0.585935558
<i>Fam150a</i>	-0.33147744	0.422569694	-0.78443259	0.432786321	0.94605734
<i>Pcmt1</i>	0.041399983	0.128899643	0.321179964	0.748074015	0.988585656
<i>Sntg1</i>	-0.018076463	1.974231153	-0.009156204	0.992694508	0.998971527
<i>Rrs1</i>	-0.192651598	0.149993143	-1.284402704	0.199001087	0.880661448
<i>Adhfe1</i>	0.049598677	0.295724693	0.167719091	0.866804276	0.992886758
<i>2610203C22Rik</i>	-0.079594866	0.305601542	-0.26045309	0.794514296	0.990988839
<i>3110035E14Rik</i>	0.959453653	1.529275466	0.627390993	0.53040297	0.966026275
<i>Mybl1</i>	0.26411911	0.420145717	0.628636921	0.529586783	0.965637248
<i>Vcpip1</i>	-0.113574399	0.168731071	-0.67310898	0.500877961	0.961175273
<i>1700034P13Rik</i>	-0.172650444	1.179481101	-0.146378305	0.883622753	0.992886758
<i>Sgk3</i>	0.175367498	0.108477268	1.616629011	0.105958386	0.79419908
<i>Snhg6</i>	0.634394185	0.26072176	2.433223005	0.014965081	0.554936045
<i>Tcf24</i>	-0.124029855	0.421266778	-0.294421164	0.768436096	0.989990452
<i>Ppp1r42</i>	0.30848132	0.267731902	1.152202328	0.249237941	0.896939594
<i>Cops5</i>	0.114285505	0.126495907	0.903471956	0.366275465	0.927734956
<i>Cspp1</i>	-0.098035681	0.206744808	-0.474186909	0.635366628	0.977034429
<i>Arfgef1</i>	-0.029512313	0.110040751	-0.268194396	0.788549689	0.990988839
<i>Prex2</i>	0.061577592	0.165414319	0.372262766	0.709697218	0.988585656
<i>A830018L16Rik</i>	-0.709094729	0.264209655	-2.683833527	0.007278334	0.452031612
<i>Sulf1</i>	-0.062367821	0.195850971	-0.318445298	0.750147183	0.988585656
<i>Slco5a1</i>	-0.643078383	1.191543787	-0.539701847	0.589402666	0.974001549
<i>Ncoa2</i>	-0.235219808	0.216543806	-1.086245839	0.277370242	0.901191693
<i>Tram1</i>	-0.140530349	0.090705819	-1.549298053	0.121310088	0.816233249
<i>Lactb2</i>	-0.029586036	0.124446855	-0.237740329	0.812082502	0.991836551
<i>Eya1</i>	-0.680178393	0.463423625	-1.467724899	0.142178964	0.840741274
<i>Msc</i>	0.281481138	0.374871217	0.750874233	0.452728349	0.949967324
<i>Terf1</i>	-0.018474325	0.202936107	-0.091035178	0.927464639	0.994688009
<i>Sbspon</i>	0.131610117	0.436880861	0.301249445	0.763224288	0.989285682
<i>4930444P10Rik</i>	-0.341408041	0.284587737	-1.199658301	0.230272074	0.895404344
<i>Rpl7</i>	0.099120064	0.149570652	0.662697277	0.507524454	0.963011338
<i>Rdh10</i>	0.102953877	0.166146873	0.619655819	0.535484409	0.96674935
<i>Stau2</i>	-0.057756945	0.242101328	-0.238565174	0.811442773	0.991784898
<i>Ube2w</i>	-0.090189104	0.119145687	-0.75696491	0.449070885	0.948476747
<i>Tceb1</i>	0.19484644	0.160234337	1.216009278	0.223981388	0.892989918
<i>Tmem70</i>	-0.009914226	0.144157448	-0.068773595	0.945169836	0.99486515
<i>Ly96</i>	-0.05060561	0.277958311	-0.182061869	0.855534173	0.992886758
<i>Jph1</i>	0.050400792	0.483570888	0.104226274	0.916989784	0.994688009
<i>Gdap1</i>	1.437273346	1.952925477	0.735959135	0.461755567	0.953083512
<i>Pi15</i>	-0.332108185	0.190019279	-1.747760474	0.080505512	0.758011246
<i>Crispld1</i>	-0.097128176	0.346469292	-0.28033704	0.779218935	0.990988839
<i>Pkhd1</i>	-0.42756135	1.204555118	-0.354953744	0.722624244	0.988585656
<i>Mcm3</i>	-0.462990077	0.283935484	-1.630617179	0.102971122	0.79028905
<i>6720483E21Rik</i>	0.445275481	0.928442456	0.479594053	0.631516076	0.977034429
<i>Paqr8</i>	0.067250202	0.248468379	0.270658995	0.786653317	0.990988839
<i>Efhc1</i>	-0.28021163	0.265219653	-1.056526644	0.290727675	0.907334416

Tram2	-0.494901365	0.787458323	-0.628479439	0.529689912	0.965637248
Tmem14a	-0.129811379	0.194321867	-0.6680225	0.50411923	0.96186221
Gsta3	0.365375343	0.190873743	1.914225276	0.055591377	0.714677496
Gm4956	0.208716253	0.180324486	1.157448203	0.24708929	0.896939594
Khdc1a	2.266772773	1.481223723	1.530337881	0.125933116	0.822401003
Khdc1c	1.469193904	1.932133519	0.760399781	0.447015654	0.948476747
Khdc1b	2.73299202	1.608850425	1.698723497	0.089371294	0.769196161
Kcnq5	0.382701496	0.402532633	0.950734089	0.341739379	0.919850248
Rims1	0.13330591	0.897147239	0.148588665	0.881878218	0.992886758
Ogfrl1	0.160608167	0.174368326	0.92108567	0.357005701	0.924354588
B3gat2	0.649831367	0.814493275	0.797835154	0.424966158	0.944290206
Smap1	-0.395973245	0.205771937	-1.924330647	0.054313151	0.707153766
Sdhaf4	0.376624353	0.209252843	1.799852977	0.071883856	0.744227652
Fam135a	-0.220158537	0.207718241	-1.059890243	0.289194535	0.907334416
Lmbrd1	-0.045184064	0.105574876	-0.427981218	0.668664795	0.981863224
Phf3	-0.268015951	0.197032445	-1.360263029	0.173746703	0.863528862
Ptp4a1	-0.329182661	0.208093775	-1.581895758	0.11367337	0.807243653
4931428L18Rik	1.440635196	1.468744051	0.980861979	0.326660809	0.916882624
Prim2	0.237453234	0.255146525	0.930654392	0.352032369	0.923082865
1700001G17Rik	0.417713033	0.626434534	0.666810353	0.504893279	0.962138588
Rab23	-0.114519817	0.167025326	-0.685643428	0.492937989	0.958916246
Bag2	-0.061758949	0.161576157	-0.38222811	0.702292173	0.988482081
Zfp451	-0.082416407	0.229197658	-0.359586602	0.719156305	0.988585656
Bend6	-0.291037226	0.34410454	-0.845781421	0.397674692	0.935327115
Dst	0.090862096	0.207099059	0.438737367	0.660851848	0.979924124
Ccdc115	0.328409363	0.163166499	2.012725435	0.044143522	0.688477147
Imp4	0.124370713	0.133039067	0.934843544	0.349868935	0.922206653
Ptpn18	0.526884967	0.205815684	2.559984534	0.010467682	0.499724698
Arhgef4	-0.031799746	0.457342994	-0.069531504	0.944566557	0.99486515
Fam168b	-0.08302257	0.151770996	-0.547025274	0.584361369	0.97242196
Plekhhb2	-0.020228656	0.102025503	-0.19827058	0.842833368	0.992886758
Hs6st1	-0.198814183	0.230031224	-0.864292157	0.387427418	0.932858077
Uggt1	0.141947496	0.18095294	0.784444268	0.432779472	0.94605734
Neurl3	0.071237662	0.239416775	0.29754666	0.76604919	0.989884648
Arid5a	-0.500898107	0.265445067	-1.887012302	0.059158671	0.72285319
Kansl3	-0.308944275	0.179495967	-1.721176691	0.085218766	0.761635307
Fer1l5	1.373369409	0.703881049	1.951138493	0.051040573	0.707153766
Lman2l	-0.011101467	0.19419228	-0.057167395	0.954411851	0.996070133
Cnnm4	0.264979799	0.448728203	0.590512916	0.554846829	0.968926429
Cnnm3	-0.435548888	0.255816913	-1.702580498	0.088646602	0.767814344
Ankrd23	-0.236361016	0.310384619	-0.761510079	0.446352461	0.948476747
Ankrd39	0.040948589	0.169913439	0.240996762	0.809557626	0.991295569
Sema4c	-0.441597546	0.264800014	-1.667664359	0.095382374	0.778239075
Fam178b	0.628376025	0.244625086	2.568730928	0.010207168	0.499427958
Cox5b	0.206742476	0.159718946	1.294414231	0.195522378	0.879601031
Actr1b	0.008233767	0.097887388	0.084114682	0.932965251	0.994688009
Zap70	0.235246748	0.266845832	0.881582995	0.378002354	0.928883222
Tmem131	-0.226207564	0.229727651	-0.98467713	0.32478269	0.91640698
Inpp4a	0.072873467	0.268417025	0.271493459	0.786011529	0.990988839
Coa5	-0.100715739	0.110876997	-0.908355586	0.363690383	0.926455466
Unc50	0.137623739	0.136349766	1.009343421	0.312809963	0.914819219
Mgat4a	-0.321863324	0.224231915	-1.435403719	0.151172087	0.850827708
2010300C02Rik	-0.29809832	0.332629681	-0.896186772	0.370153019	0.928436166
Tsga10	-0.284936606	0.179292914	-1.589224027	0.112009824	0.801067615
Lipt1	0.10954563	0.351269152	0.311856676	0.755149449	0.989196392
Mitd1	0.120307859	0.163501361	0.735821757	0.461839178	0.953083512
Mrpl30	0.30341305	0.154238073	1.967173501	0.049163212	0.707153766
Txndc9	0.086632746	0.132205398	0.655289018	0.51228169	0.963486137
Eif5b	0.310443039	0.172437691	1.800320082	0.071810112	0.744227652
Rev1	-0.42896344	0.250764568	-1.71062221	0.087150876	0.765418158
Aff3	-0.191703263	0.262116694	-0.731366096	0.464555569	0.953083512
Chst10	-0.004492559	0.701124937	-0.006407645	0.994887474	0.999285699

<i>Pdcl3</i>	0.108233773	0.093444545	1.15826744	0.246754914	0.896939594
<i>Npas2</i>	0.477678125	0.524681902	0.910414717	0.362603839	0.926455466
<i>Rpl31</i>	0.329194265	0.158815669	2.072807222	0.038190224	0.679118604
<i>Tbc1d8</i>	-0.34946601	0.270417324	-1.292321087	0.196245972	0.879755417
<i>Cnot11</i>	0.184291228	0.1537777	1.198426225	0.230751128	0.895404344
<i>Snord89</i>	0.400334982	1.250884133	0.320041618	0.748936782	0.988585656
<i>Rnf149</i>	-0.007546286	0.159139063	-0.047419447	0.96217893	0.996474415
<i>Creg2</i>	0.130865614	1.151980215	0.113600574	0.909554432	0.994688009
<i>Rfx8</i>	0.660516444	1.106788588	0.59678646	0.550649959	0.968926429
<i>Map4k4</i>	-0.108020124	0.130765521	-0.826059681	0.408770237	0.940528702
<i>Il1r2</i>	-0.395612793	0.531974614	-0.743668556	0.457077017	0.951874548
<i>Il1r1</i>	-0.191313345	0.13739818	-1.392400871	0.163801041	0.859982992
<i>Il1r2</i>	0.187238341	0.381585525	0.490685124	0.623649169	0.975691835
<i>Il1rl1</i>	-0.276677182	0.296527068	-0.933058772	0.350789624	0.922338606
<i>Il18r1</i>	0.054645744	0.104211326	0.524374326	0.60001821	0.974001549
<i>Il18rap</i>	0.077750282	0.25906528	0.300118494	0.764086773	0.989384061
<i>Slc9a4</i>	-0.005251674	0.24049088	-0.021837309	0.982577733	0.997390438
<i>Slc9a2</i>	-0.324622781	0.420541611	-0.771915959	0.440164204	0.947849924
<i>Mfsd9</i>	0.100946351	0.307901101	0.327853168	0.743022685	0.988585656
<i>Tmem182</i>	-1.886370976	0.85996341	-2.193547951	0.028267924	0.641905969
<i>Pou3f3</i>	2.730528976	2.274608359	1.200439172	0.229968823	0.895404344
<i>Mrps9</i>	0.209215706	0.148947346	1.404628626	0.16013174	0.857316691
<i>Tgfbra1</i>	-0.365882197	0.225244385	-1.624378769	0.104294995	0.79155232
<i>Al597479</i>	0.037891428	0.142645085	0.265634303	0.790520865	0.990988839
<i>Fhl2</i>	-0.57233453	0.223381001	-2.562145069	0.010402786	0.499527467
<i>Nck2</i>	-0.064947384	0.132083346	-0.491715163	0.622920718	0.975486913
<i>1500015010Rik</i>	-0.25687579	0.541394543	-0.474470593	0.635164363	0.977034429
<i>Uxs1</i>	-0.012909793	0.13236317	-0.097533119	0.922303034	0.994688009
<i>Tpp2</i>	-0.392606939	0.161029661	-2.438103249	0.014764556	0.554936045
<i>Tex30</i>	0.112338348	0.214950517	0.522624229	0.601235776	0.974001549
<i>Kdelc1</i>	-0.204045811	0.131351979	-1.553427759	0.120320975	0.81558552
<i>Bivm</i>	0.036240505	0.166336009	0.217875281	0.827526287	0.992886758
<i>Ercc5</i>	0.043047182	0.185523126	0.232031351	0.816513664	0.992676801
<i>Mettl21e</i>	-0.560110019	0.748386648	-0.748423319	0.454204861	0.950990329
<i>Gulp1</i>	-0.06348414	0.14115205	-0.449757124	0.652885577	0.979004493
<i>Col3a1</i>	0.008690975	0.286949462	0.030287477	0.975837784	0.997262526
<i>Col5a2</i>	-0.027873808	0.220878436	-0.126195243	0.899577377	0.99447264
<i>Wdr75</i>	0.025873443	0.187396269	0.13806808	0.890186613	0.993043931
<i>Slc40a1</i>	0.211708358	0.19189069	1.103275815	0.269907406	0.89804647
<i>Dnah7b</i>	-0.119459866	0.375810719	-0.317872429	0.750581707	0.988585656
<i>Slc39a10</i>	0.045752173	0.177543405	0.257695707	0.796641759	0.990988839
<i>Tmeff2</i>	0.355637252	0.205967007	1.72667097	0.084226772	0.76099108
<i>9330175M20Rik</i>	-0.088071927	1.020285535	-0.086320862	0.931211355	0.994688009
<i>Sdpr</i>	0.042784244	0.101563926	0.421254339	0.673569369	0.983375962
<i>Nabp1</i>	0.111273617	0.168551445	0.660175992	0.509140897	0.963452765
<i>Myo1b</i>	-0.049607129	0.161764422	-0.306662786	0.759100058	0.989266039
<i>Stat4</i>	-0.15820555	0.629961717	-0.251135181	0.801709597	0.990988839
<i>Stat1</i>	0.122773446	0.14369938	0.854377004	0.392896133	0.933734231
<i>Gls</i>	-0.082273721	0.122575142	-0.671210487	0.502086449	0.961378071
<i>Nab1</i>	-0.133052793	0.112756189	-1.180004346	0.237998486	0.896609492
<i>Tmem194b</i>	0.065617556	0.213535301	0.307291372	0.758621602	0.989266039
<i>Mfsd6</i>	0.038068594	0.206053252	0.18475124	0.853424154	0.992886758
<i>Inpp1</i>	0.085172956	0.216012082	0.394297185	0.693361642	0.986698113
<i>Hibch</i>	0.082832831	0.152692205	0.542482379	0.587486243	0.973455044
<i>1700019D03Rik</i>	0.393022762	0.749223978	0.524573123	0.599879975	0.974001549
<i>Pms1</i>	0.267316641	0.260214492	1.027293441	0.30428231	0.911879006
<i>Ormdl1</i>	0.092199747	0.198522734	0.464429163	0.6423403	0.978415289
<i>Osgepl1</i>	0.016416856	0.156132816	0.105146739	0.916259373	0.994688009
<i>Asnsd1</i>	0.108679681	0.131323638	0.827571352	0.407913298	0.939557159
<i>Dnah7a</i>	-0.081823826	0.318417082	-0.256970593	0.797201475	0.990988839
<i>Stk17b</i>	-0.015319369	0.16258956	-0.094221109	0.924933517	0.994688009
<i>Hecw2</i>	0.031054206	0.205331512	0.151239359	0.879786904	0.992886758

<i>Ccdc150</i>	-1.049321763	0.802510313	-1.307549256	0.191026238	0.877906723
<i>Gtf3c3</i>	-0.350736543	0.223444591	-1.569680169	0.116489537	0.812418014
<i>Pgap1</i>	-0.155310456	0.323207055	-0.480529289	0.630851082	0.977034429
<i>Ankrd44</i>	-0.099283332	0.196310871	-0.505745459	0.613035351	0.974001549
<i>Sf3b1</i>	-0.161419209	0.103789067	-1.555262171	0.119883643	0.81558552
<i>Coq10b</i>	-0.082814993	0.136955069	-0.604687312	0.54538678	0.967491297
<i>Hspd1</i>	-0.39765306	0.172590504	-2.304026301	0.021221167	0.60743619
<i>Hspe1</i>	0.133110613	0.307890923	0.432330423	0.665501279	0.981727712
<i>Mob4</i>	0.091428605	0.155842688	0.58667241	0.557423741	0.968926429
<i>Rftn2</i>	0.063340231	0.150437556	0.421040014	0.673725863	0.983375962
<i>Mars2</i>	0.155389344	0.233818988	0.664571109	0.506324853	0.962370882
<i>Plcl1</i>	0.284244375	0.270644135	1.050251376	0.293602554	0.907334416
<i>Satb2</i>	1.526557443	2.099335996	0.727162039	0.467126698	0.953239786
<i>4930558J18Rik</i>	-0.533626834	1.743992997	-0.305979918	0.759619936	0.989266039
<i>1700066M21Rik</i>	0.238178144	0.151729174	1.569758394	0.11647133	0.812418014
<i>Tyw5</i>	-0.024613301	0.21205269	-0.116071626	0.907595776	0.994688009
<i>9430016H08Rik</i>	0.11114737	0.135324387	0.821340281	0.411452469	0.941762685
<i>Spats2l</i>	-0.026355975	0.243251404	-0.108348707	0.913719088	0.994688009
<i>Kctd18</i>	0.08677968	0.274787125	0.315806937	0.752149052	0.988585656
<i>Sgol2a</i>	-0.463005849	0.617526227	-0.749775197	0.453390109	0.950146765
<i>Aox1</i>	0.043253194	0.243193176	0.177855295	0.85883662	0.992886758
<i>Aox3</i>	0.068762246	0.125425065	0.548233691	0.583531451	0.972174584
<i>Bzw1</i>	0.000787522	0.115246087	0.006833393	0.994547784	0.999285699
<i>Clk1</i>	0.191723082	0.146128168	1.312020023	0.189513379	0.876091552
<i>Ppil3</i>	0.341158462	0.182784164	1.866455247	0.0619777	0.725730283
<i>Nif3l1</i>	0.147990516	0.149306139	0.991188417	0.321593585	0.91640698
<i>Orc2</i>	-0.107584785	0.121980383	-0.88198432	0.377785287	0.928883222
<i>Fam126b</i>	-0.298556355	0.159035996	-1.87728793	0.060478642	0.725221283
<i>Ndufb3</i>	0.297123432	0.180380739	1.647201544	0.099516627	0.788783372
<i>Gm20257</i>	0.106791498	0.333232127	0.320471794	0.748610709	0.988585656
<i>Als2cr12</i>	0.609463905	0.967672924	0.629824282	0.528809557	0.965637248
<i>Cflar</i>	-0.11283477	0.100407952	-1.123763277	0.261113465	0.897248195
<i>Casp8</i>	0.083565042	0.129863113	0.64348559	0.519909062	0.964665379
<i>Trak2</i>	-0.173648459	0.151150657	-1.148843563	0.250620493	0.896939594
<i>Stradb</i>	0.142632837	0.253102627	0.563537563	0.573068889	0.971613657
<i>Tmem237</i>	0.072302721	0.175115648	0.412885551	0.679690468	0.983903958
<i>Mpp4</i>	0.459556822	0.479172253	0.959063924	0.337526543	0.919246575
<i>Als2</i>	0.34857885	0.32403962	1.075729104	0.282048427	0.90579922
<i>Fzd7</i>	0.173300671	0.183119301	0.946381243	0.343954169	0.920669678
<i>Gm973</i>	-0.089656174	0.292355443	-0.306668393	0.75909579	0.989266039
<i>Sumo1</i>	0.29395071	0.175460074	1.675313955	0.093872649	0.775671949
<i>Nop58</i>	-0.091775835	0.167797875	-0.546942775	0.584418047	0.97242196
<i>Bmpr2</i>	0.015188596	0.102795196	0.147755893	0.88253542	0.992886758
<i>Fam117b</i>	-0.142777603	0.199528495	-0.715574999	0.474253816	0.956061495
<i>Ica1l</i>	-0.035195376	0.687048485	-0.051226918	0.959144703	0.996367077
<i>Wdr12</i>	-0.137128115	0.232533288	-0.589713914	0.555382465	0.968926429
<i>Carf</i>	0.022309224	0.203175982	0.109802468	0.912566034	0.994688009
<i>Nbeal1</i>	-0.193519467	0.194589392	-0.994501631	0.319978712	0.91640698
<i>Cyp20a1</i>	0.03302959	0.119080413	0.277372147	0.781494366	0.990988839
<i>Abi2</i>	-0.330487804	0.227522017	-1.452553069	0.146347884	0.843780493
<i>Raph1</i>	-0.082797494	0.163337175	-0.506911511	0.612216908	0.974001549
<i>Cd28</i>	-0.238567103	0.509658831	-0.468091768	0.639718966	0.977843986
<i>Ctla4</i>	0.370112745	0.601680054	0.615132149	0.538467452	0.966776546
<i>Icos</i>	-0.623317291	0.623895191	-0.999073722	0.31775898	0.91640698
<i>Pard3b</i>	-0.101343576	0.263154704	-0.38511026	0.700155727	0.988482081
<i>Nrp2</i>	-0.082893959	0.196285061	-0.422314149	0.672795732	0.983233856
<i>Ino80d</i>	0.068944483	0.27886398	0.247233375	0.804727617	0.990988839
<i>Ino80dos</i>	0.823284644	0.406679202	2.024408036	0.042928186	0.685039858
<i>Ndufs1</i>	-0.090532373	0.115964099	-0.780693112	0.434983013	0.946762848
<i>Eef1b2</i>	0.296182864	0.230869063	1.282904083	0.199525682	0.880888611
<i>Snora41</i>	-1.015057392	1.976999026	-0.513433431	0.607648166	0.974001549
<i>Zdbf2</i>	-1.124335749	0.874454181	-1.285757188	0.198527816	0.880661448

<i>Adam23</i>	0.092941153	0.47374219	0.196185089	0.844465299	0.992886758
<i>Mdh1b</i>	-0.299502563	0.21414325	-1.398608468	0.161930426	0.858667769
<i>Fastkd2</i>	0.250363988	0.191828851	1.305142505	0.191844328	0.878912371
<i>4933402D24Rik</i>	-1.609345466	2.36234175	-0.681250063	0.495713275	0.959893834
<i>Gm13749</i>	-0.185650306	1.121277508	-0.165570347	0.868495085	0.992886758
<i>Klf7</i>	-0.208109425	0.515728282	-0.40352533	0.686561804	0.98538669
<i>Creb1</i>	-0.044974062	0.127826693	-0.351836236	0.724961081	0.988585656
<i>Mettl21a</i>	0.095743842	0.179771475	0.532586395	0.594319922	0.974001549
<i>2810408I11Rik</i>	0.273644826	1.485641373	0.184193057	0.853862006	0.992886758
<i>Ccnyl1</i>	0.315720884	0.244415063	1.291740699	0.196446958	0.879755417
<i>Fzd5</i>	-0.098784713	0.237988841	-0.415081282	0.678082402	0.983670411
<i>Plekhh3</i>	0.213895431	0.293895307	0.727794647	0.466739302	0.953083512
<i>Akr1cl</i>	0.949934952	1.72747704	0.549897295	0.582389819	0.972017845
<i>D630023F18Rik</i>	-0.801105009	1.757641915	-0.455783969	0.648545333	0.979004493
<i>Idh1</i>	0.157743264	0.14460122	1.090884738	0.275323604	0.900302631
<i>Pikfyve</i>	0.098299933	0.176760578	0.556119097	0.578129441	0.971613657
<i>Map2</i>	-0.134912443	0.187199797	-0.720686907	0.47110217	0.95486913
<i>Unc80</i>	0.992721562	1.388266487	0.715079973	0.474559628	0.956387791
<i>Rpe</i>	-0.030190652	0.118024621	-0.255799612	0.798105573	0.990988839
<i>Kansl1</i>	-0.185868579	0.178935284	-1.038747497	0.298922185	0.909933614
<i>Acadl</i>	0.18527738	0.118860084	1.558785535	0.119047149	0.814755048
<i>Myl1</i>	0.161675139	0.377720923	0.428028022	0.668630719	0.981863224
<i>Lanc1</i>	0.017051604	0.10866302	0.156921863	0.875306429	0.992886758
<i>Cps1</i>	5.527629518	2.063596125	2.678639221	0.007392199	0.452031612
<i>Ikzf2</i>	-0.134662645	0.380326017	-0.35407161	0.723285218	0.988585656
<i>Spag16</i>	-0.464530404	0.177740026	-2.613538517	0.008960998	0.475600561
<i>Bard1</i>	0.614114645	0.961667573	0.638593483	0.523087422	0.965637248
<i>Atic</i>	-0.369333607	0.187466481	-1.970131435	0.048823309	0.707153766
<i>Apol7d</i>	0.123775488	1.7850421	0.069340375	0.944718689	0.99486515
<i>4933417E11Rik</i>	-0.520668724	0.818452094	-0.636162737	0.524670358	0.965637248
<i>Mreg</i>	0.071452124	0.341447556	0.209262367	0.834243429	0.992886758
<i>Pecr</i>	0.035090065	0.213173044	0.164608357	0.869252253	0.992886758
<i>Xrcc5</i>	-0.207069787	0.190825245	-1.085127847	0.277865035	0.901315669
<i>Mar-04</i>	-0.539562728	0.358122734	-1.506641931	0.131902463	0.827800491
<i>Smarcal1</i>	-0.122468598	0.192721815	-0.635468271	0.525123054	0.965637248
<i>Rpl37a</i>	0.224465407	0.162678831	1.379807106	0.167646044	0.860403806
<i>Igfbp2</i>	0.104803431	0.149993407	0.69872025	0.484726877	0.957710647
<i>Igfbp5</i>	0.005265156	0.278925431	0.018876571	0.98493957	0.998148029
<i>6030407O03Rik</i>	-0.22270294	0.749765143	-0.297030266	0.766443402	0.989884648
<i>Tns1</i>	0.018383681	0.139218192	0.132049415	0.894945206	0.993592437
<i>Rufy4</i>	0.233187116	0.495146829	0.470945388	0.637679734	0.977468848
<i>Cxcr2</i>	0.748376931	0.54934036	1.36231922	0.173097165	0.863084695
<i>Cxcr1</i>	-0.599186924	1.269795002	-0.471876896	0.63701466	0.977284137
<i>Arpc2</i>	-0.069863305	0.130963655	-0.533455672	0.593718188	0.974001549
<i>Aamp</i>	-0.085302068	0.14395614	-0.592555954	0.553478364	0.968926429
<i>Pnkd</i>	0.415062722	0.132330629	3.136558214	0.001709435	0.284736028
<i>Tmbim1</i>	-0.089298684	0.096932324	-0.92124774	0.356921099	0.924354588
<i>Catip</i>	-0.027089561	0.140548323	-0.192741972	0.847161051	0.992886758
<i>Slc11a1</i>	0.120499915	0.215040522	0.560359106	0.575234519	0.971613657
<i>Ctdsp1</i>	-0.029724794	0.138648483	-0.21438961	0.830243244	0.992886758
<i>Vil1</i>	0.533697065	1.266230396	0.421484958	0.673400993	0.983375962
<i>Usp37</i>	-0.226198348	0.272701215	-0.829473195	0.406836698	0.939557159
<i>Rqcd1</i>	-0.091625403	0.16653485	-0.55018756	0.582190735	0.972017845
<i>Plcd4</i>	-1.441901436	1.091305131	-1.321263316	0.186413581	0.872512868
<i>Zfp142</i>	0.420053919	0.432101933	0.972117657	0.330992019	0.917115058
<i>Bcs1l</i>	-0.003100932	0.189048749	-0.016402818	0.986913032	0.998148029
<i>Rnf25</i>	-0.057320916	0.145205574	-0.394756995	0.693022236	0.986599035
<i>Stk36</i>	0.133673521	0.358766232	0.37259226	0.709451934	0.988585656
<i>Ttll4</i>	-0.198827769	0.276807662	-0.718288534	0.472579399	0.955044417
<i>Cyp27a1</i>	-0.070556038	0.205864255	-0.342730885	0.731800926	0.988585656
<i>Prkag3</i>	-0.405498916	0.380690532	-1.065166801	0.286800454	0.906336252
<i>Wnt6</i>	-0.23084588	1.138897859	-0.202692347	0.839375505	0.992886758

<i>Ccdc108</i>	-0.014976245	0.236027007	-0.063451402	0.949407056	0.995624732
<i>Ihh</i>	0.05947707	1.29001868	0.046105588	0.963226092	0.996474415
<i>Nhej1</i>	0.209055145	0.314257792	0.665234563	0.505900477	0.96224682
<i>Slc23a3</i>	1.523270463	0.915272769	1.664280326	0.096056422	0.780429201
<i>Cnppd1</i>	0.147081616	0.156082808	0.942330663	0.346023374	0.921552698
<i>Fam134a</i>	-0.072321933	0.125461775	-0.576445954	0.564313791	0.969658675
<i>Zfand2b</i>	0.260754827	0.188260809	1.385072277	0.166030368	0.860029348
<i>Abcb6</i>	0.017521958	0.17746979	0.098732061	0.921351012	0.994688009
<i>Atg9a</i>	-0.459688034	0.266616398	-1.724155146	0.084679839	0.761325843
<i>Ankzf1</i>	-0.172673433	0.219113777	-0.788053747	0.430665269	0.945321484
<i>Glb1l</i>	0.046080943	0.231318834	0.199209648	0.842098753	0.992886758
<i>Stk16</i>	0.226616469	0.146919568	1.542452596	0.122963649	0.817788082
<i>Tuba4a</i>	-0.000603781	0.161200957	-0.00374552	0.997011514	0.99952149
<i>Dnajb2</i>	-0.038262044	0.127775068	-0.299448436	0.76459791	0.989442146
<i>Ptpn</i>	-0.036073788	0.30688773	-0.117547183	0.906426457	0.994688009
<i>Resp18</i>	-0.33417449	0.438670827	-0.761788725	0.446186111	0.948476747
<i>Dnpep</i>	-0.134516244	0.106898863	-1.258350561	0.208265003	0.884258007
<i>Des</i>	-0.042057008	0.165117473	-0.254709614	0.798947391	0.990988839
<i>Speg</i>	0.159033828	0.293674344	0.541531227	0.58814148	0.973455044
<i>Gmppa</i>	0.024137447	0.143411957	0.168308472	0.866340609	0.992886758
<i>Chpf</i>	-0.086234128	0.223617048	-0.385633068	0.699768439	0.988393777
<i>Tmem198</i>	-0.333799641	0.70174397	-0.475671548	0.634308394	0.977034429
<i>Obsl1</i>	0.679966281	0.456725211	1.488786396	0.136543626	0.832506992
<i>Inha</i>	1.66447857	1.087782304	1.530157794	0.125977675	0.822401003
<i>Stk11ip</i>	-0.234543118	0.264855343	-0.885551771	0.37585911	0.928883222
<i>Slc4a3</i>	-0.024930856	0.381438117	-0.06536016	0.947887244	0.995507207
<i>Epha4</i>	0.422591329	0.320864936	1.317038046	0.187825872	0.874351146
<i>Sgpp2</i>	-0.366254727	0.17643605	-2.07584973	0.037907851	0.679118604
<i>Farsb</i>	-0.170787298	0.221578777	-0.770774625	0.440840531	0.948068187
<i>Mogat1</i>	1.233620168	0.826195284	1.493133877	0.135402146	0.830756223
<i>Acsf3</i>	-0.187394363	0.145444105	-1.288428731	0.197596763	0.880239572
<i>Utp14b</i>	-0.725295779	0.452430723	-1.603109032	0.108910584	0.798400564
<i>Kcne4</i>	0.22599386	0.27506145	0.821612263	0.411297608	0.941762685
<i>Scg2</i>	0.265847341	1.435582391	0.185184315	0.853084472	0.992886758
<i>Ap1s3</i>	-0.145416616	0.185844057	-0.782465784	0.433940886	0.946679964
<i>Wdfy1</i>	0.326408073	0.518652231	0.629338993	0.529127148	0.965637248
<i>Mrpl44</i>	-0.036469718	0.109167556	-0.334071036	0.738325956	0.988585656
<i>Serpine2</i>	-0.260355675	0.150145353	-1.734024195	0.08291379	0.76099108
<i>Fam124b</i>	0.098995899	0.334553305	0.295904711	0.767302853	0.989884648
<i>Cul3</i>	-0.09759719	0.121867335	-0.800847824	0.423219749	0.943509323
<i>Dock10</i>	-0.329478605	0.196739087	-1.674698255	0.09399345	0.776242316
<i>Irs1</i>	0.03727447	0.263832106	0.141281023	0.887647941	0.992886758
<i>Rhbdd1</i>	-0.110999106	0.175650951	-0.631930003	0.527432617	0.965637248
<i>Col4a4</i>	0.036695873	0.241981011	0.15164774	0.879464778	0.992886758
<i>Col4a3</i>	0.188510894	0.167803095	1.123405344	0.261265381	0.897248195
<i>Mff</i>	0.255989742	0.168939253	1.515276871	0.129702303	0.827800491
<i>Agfg1</i>	-0.419379979	0.113545936	-3.693482955	0.000221203	0.092604794
<i>Slc19a3</i>	-0.041149095	0.60766534	-0.067716706	0.946011151	0.995065399
<i>Ccl20</i>	-0.261782031	0.68834342	-0.380307305	0.703717313	0.988585656
<i>Daw1</i>	-0.109125656	0.246122635	-0.443379196	0.657491481	0.979614766
<i>Sphkap</i>	0.24187431	1.395211359	0.173360336	0.862368201	0.992886758
<i>Pid1</i>	-0.069361928	0.129355479	-0.536211754	0.591812211	0.974001549
<i>Dner</i>	2.919010439	1.126329055	2.591614258	0.009552681	0.481378488
<i>Trip12</i>	-0.048807397	0.120497415	-0.405049323	0.685441256	0.98538669
<i>Fbxo36</i>	-0.056100866	0.151659307	-0.369913769	0.711446742	0.988585656
<i>A530032D15Rik</i>	0.554443873	0.720412724	0.769619767	0.441525476	0.948274986
<i>Gm7609</i>	0.189345123	0.681558371	0.277812043	0.781156646	0.990988839
<i>C130026I21Rik</i>	0.57661719	0.307039741	1.87798878	0.0603827	0.725221283
<i>Sp110</i>	0.146514908	0.184640092	0.79351622	0.427477123	0.944824555
<i>Sp140</i>	0.381100223	0.122171332	3.119391572	0.001812249	0.290084285
<i>Sp100</i>	0.223886587	0.189716555	1.180110965	0.237956084	0.896609492
<i>A630001G21Rik</i>	0.040070733	0.277651976	0.144319997	0.885247788	0.992886758

<i>Cab39</i>	-0.00490608	0.0841794	-0.058281238	0.953524612	0.996070133
<i>Itm2c</i>	-0.123425735	0.115517507	-1.068459131	0.285313456	0.905916508
<i>Gpr55</i>	-0.271373655	1.393628706	-0.194724501	0.84560863	0.992886758
<i>2810459M11Rik</i>	0.591164156	1.03869057	0.569143663	0.569258649	0.97144955
<i>Psmc1</i>	-0.226163947	0.127781342	-1.769929346	0.076738912	0.752876039
<i>Htr2b</i>	0.099583578	0.433845128	0.229537158	0.818451444	0.992734473
<i>Armc9</i>	0.091934837	0.244048766	0.376706831	0.706391486	0.988585656
<i>B3gnt7</i>	-0.405111619	0.328141559	-1.234563582	0.21699297	0.887633697
<i>Ncl</i>	-0.057914692	0.178265987	-0.324877971	0.74527343	0.988585656
<i>C130036L24Rik</i>	0.148885181	0.568636119	0.261828568	0.793453613	0.990988839
<i>Nmur1</i>	-0.094396058	1.897326028	-0.049752155	0.960319894	0.996474415
<i>Ptma</i>	0.289699607	0.058793628	4.927397997	8.33E-07	0.001958309
<i>Pde6d</i>	0.284018865	0.148509111	1.912467614	0.055816243	0.715507996
<i>Cops7b</i>	0.106645642	0.154477702	0.690362687	0.489966135	0.958560421
<i>Nppc</i>	4.511719934	2.276068971	1.982242187	0.047452141	0.700850692
<i>Dis3l2</i>	-0.403526082	0.298526814	-1.351724746	0.176463386	0.865862073
<i>Eif4e2</i>	0.294563766	0.10476409	2.811686387	0.004928253	0.399101188
<i>Efh1d1</i>	2.237198383	1.664773504	1.343845501	0.178998352	0.867377413
<i>Gigyf2</i>	0.015790561	0.167102049	0.094496514	0.924714751	0.994688009
<i>Kcnj13</i>	-0.234898479	0.202981398	-1.157241406	0.247173745	0.896939594
<i>Ngef</i>	-0.240822787	0.208920815	-1.152698871	0.249034005	0.896939594
<i>Neu2</i>	-0.265361871	0.432826798	-0.613090207	0.539816695	0.966900344
<i>Inpp5d</i>	-0.253072402	0.241790621	-1.046659299	0.295256742	0.907844976
<i>Atg16l1</i>	-0.156674775	0.128867496	-1.215781949	0.224067997	0.892989918
<i>Sag</i>	1.94457864	1.458584662	1.333195591	0.182467626	0.868809836
<i>Dgkd</i>	0.038843379	0.153073982	0.253755595	0.799684381	0.990988839
<i>Usp40</i>	-0.009581409	0.185617966	-0.051618975	0.9588323	0.996236156
<i>Ugt1a7c</i>	0.178106603	0.377434482	0.47188747	0.637007112	0.977284137
<i>Ugt1a6b</i>	-0.054825378	0.693855509	-0.079015554	0.937020251	0.994688009
<i>Ugt1a6a</i>	-0.277036027	0.359237209	-0.77117854	0.440601112	0.94803563
<i>Dnajb3</i>	0.364905024	0.466959156	0.781449553	0.434538136	0.946762848
<i>Mroh2a</i>	1.334138808	1.072142638	1.244366898	0.21336456	0.884945675
<i>Hjrp</i>	0.596032409	1.347440965	0.442343987	0.658240305	0.979697875
<i>Trpm8</i>	1.10024357	1.875894905	0.586516636	0.557528385	0.968926429
<i>Arl4c</i>	-0.280825326	0.143008593	-1.963695465	0.049565419	0.707153766
<i>Sh3bp4</i>	-0.155925799	0.227825182	-0.684409852	0.493716396	0.958916246
<i>Agap1</i>	0.359991074	0.210776239	1.707930061	0.08764932	0.766704005
<i>Iqca</i>	-0.291072873	0.286213532	-1.016978025	0.309163884	0.9139204
<i>Ackr3</i>	-0.154118143	0.176479671	-0.873291197	0.382504378	0.930775109
<i>Cops8</i>	-0.112936324	0.13869247	-0.814293116	0.415477052	0.943415794
<i>Col6a3</i>	0.094188453	0.282251551	0.333703934	0.738602981	0.988585656
<i>Mrph</i>	-0.175578027	0.22199795	-0.790899316	0.429002748	0.945321484
<i>Rab17</i>	0.291180076	0.284350467	1.024018281	0.30582664	0.91333012
<i>Lrrfip1</i>	-0.059674265	0.127460782	-0.468177462	0.639657688	0.977843986
<i>Ramp1</i>	0.14619068	0.191125166	0.76489498	0.444334084	0.948476747
<i>Ube2f</i>	-0.050246692	0.121954715	-0.412011065	0.680331313	0.984207811
<i>Scly</i>	0.13139811	0.142364242	0.922971298	0.356022163	0.924354588
<i>Espnl</i>	-0.694416683	0.964750821	-0.719788641	0.47165514	0.95486913
<i>Klhl30</i>	-0.011598845	1.310295061	-0.008852087	0.992937149	0.999117764
<i>Fam132b</i>	1.208064796	1.592580162	0.758558234	0.448116865	0.948476747
<i>Ilkap</i>	0.204570797	0.094649213	2.161357607	0.030667726	0.657965788
<i>1700020N18Rik</i>	0.201422809	0.528109981	0.381403147	0.702904126	0.988585656
<i>Hes6</i>	-0.189479654	0.144259851	-1.313460766	0.189027733	0.87553356
<i>Per2</i>	-0.698596728	0.405442756	-1.723046516	0.084880114	0.761635307
<i>Traf3ip1</i>	-0.227240429	0.177759921	-1.278355818	0.201123995	0.881109608
<i>Asb1</i>	-0.057488923	0.224774045	-0.255763176	0.79813371	0.990988839
<i>Twist2</i>	0.685596946	0.529179306	1.295585331	0.195118385	0.879588734
<i>Hdac4</i>	-0.196662065	0.713163297	-0.275760216	0.782732242	0.990988839
<i>Ndufa10</i>	-0.127967611	0.110777099	-1.155181101	0.248016272	0.896939594
<i>Myeov2</i>	0.524174166	0.338698407	1.54761332	0.121715423	0.816233249
<i>Otos</i>	3.739695039	1.803609152	2.073450911	0.038130335	0.679118604
<i>Gpc1</i>	-0.026009064	0.226243096	-0.114960697	0.908476274	0.994688009

<i>Ankmy1</i>	-0.875647639	1.154283224	-0.758607264	0.448087526	0.948476747
<i>Dusp28</i>	-0.042431757	0.162935244	-0.260420987	0.794539056	0.990988839
<i>Rnpepl1</i>	-0.131368188	0.180394112	-0.728228802	0.466473537	0.953083512
<i>Capn10</i>	-0.200820952	0.178235514	-1.126716824	0.259862227	0.897248195
<i>Gpr35</i>	0.259876979	0.456449893	0.569343937	0.569122755	0.97144955
<i>Kif1a</i>	-0.775129565	0.541427293	-1.431641099	0.152246561	0.852974739
<i>2310007B03Rik</i>	-0.211199242	0.226858853	-0.930972006	0.351868045	0.923082865
<i>Sned1</i>	-0.220325763	0.501145104	-0.439644648	0.660194498	0.979924124
<i>Mterf4</i>	0.167589684	0.139134573	1.204515029	0.228390577	0.894657617
<i>Pask</i>	-0.66601273	0.603101193	-1.104313402	0.269457211	0.98904647
<i>Ppp1r7</i>	0.072401097	0.198802181	0.364186631	0.71571865	0.988585656
<i>Hdlbp</i>	-0.236327901	0.141255835	-1.673048763	0.094317697	0.777748075
<i>Sep-02</i>	0.045298706	0.089474673	0.506274053	0.612664275	0.974001549
<i>Farp2</i>	-0.293373294	0.45374097	-0.646565581	0.51791314	0.964437658
<i>Stk25</i>	0.180532854	0.100044105	1.804532645	0.071147846	0.744227652
<i>Bok</i>	-0.156249756	0.140288178	-1.113777072	0.265374835	0.89768067
<i>Thap4</i>	-0.131254472	0.141898643	-0.924987506	0.354972406	0.924354588
<i>Atg4b</i>	-0.116030092	0.127629297	-0.909118001	0.363287842	0.926455466
<i>Dtymk</i>	0.237910435	0.182461452	1.303894235	0.192269646	0.879588734
<i>Ing5</i>	0.125526772	0.147876674	0.848861208	0.395958527	0.934066368
<i>D2hgdh</i>	-0.190416994	0.264190323	-0.720756882	0.471059108	0.95486913
<i>Gal3st2</i>	0.013738304	0.758623777	0.018109508	0.985551493	0.998148029
<i>Pdcd1</i>	-0.811640437	0.57160954	-1.419921083	0.155630657	0.855261441
<i>Fam174a</i>	0.211569278	0.177640592	1.190996241	0.23365506	0.89581803
<i>St8sia4</i>	0.117346771	0.227045862	0.516841706	0.605266663	0.974001549
<i>Slco4c1</i>	-0.78206432	0.279613428	-2.79694837	0.005158778	0.406593461
<i>Panct2</i>	-0.058509508	0.240318841	-0.24346617	0.807644289	0.99099448
<i>D1Ertdd622e</i>	-0.069825811	0.138022421	-0.50590194	0.612925491	0.974001549
<i>Ppip5k2</i>	-0.027433748	0.192409205	-0.142580226	0.886621715	0.992886758
<i>Gin1</i>	0.22705864	0.209145464	1.085649366	0.27763415	0.901241208
<i>Pam</i>	-0.099323241	0.080070684	-1.240444514	0.214811025	0.88678119
<i>B230216N24Rik</i>	0.893119627	0.997225968	0.895604061	0.370464266	0.928436166
<i>1810006J02Rik</i>	0.778014821	0.857752988	0.90703831	0.364386539	0.926556975
<i>Rnf152</i>	-0.304352658	0.878670089	-0.346378762	0.729058084	0.988585656
<i>Pign</i>	-0.07760315	0.17899205	-0.433556404	0.664610599	0.981378063
<i>2310035C23Rik</i>	0.155397567	0.1838333	0.845317832	0.397933408	0.935327115
<i>Tnfrsf11a</i>	0.228219468	0.462304819	0.493655828	0.621549266	0.97514112
<i>Zcchc2</i>	0.173325949	0.316178303	0.548190522	0.58356109	0.972174584
<i>Gm20753</i>	4.230768141	1.789469859	2.364257839	0.018066234	0.58167504
<i>Phlpp1</i>	-0.218187457	0.191744571	-1.137906828	0.25515939	0.897044747
<i>Bcl2</i>	0.28925824	0.278089752	1.040161451	0.298264898	0.909779403
<i>Kdsr</i>	0.044869754	0.122571713	0.3660694	0.71431329	0.988585656
<i>Vps4b</i>	-0.150737108	0.115866788	-1.300951813	0.193274949	0.879588734
<i>Serpinb5</i>	-0.432677001	1.951918856	-0.221667515	0.824572721	0.992886758
<i>Serpinb12</i>	-1.076760377	1.018117953	-1.057598851	0.290238367	0.907334416
<i>Serpinb7</i>	-0.890204155	1.475869729	-0.603172582	0.546393885	0.96778188
<i>Serpinb2</i>	-1.108047535	0.728899416	-1.520165212	0.128469458	0.826336015
<i>Serpinb10</i>	1.490950538	0.290496583	5.132420222	2.86E-07	0.000934035
<i>Serpinb8</i>	0.13059021	0.21945695	0.595060715	0.551802887	0.968926429
<i>Cdh19</i>	-0.332184164	0.857228107	-0.38750965	0.698378942	0.987736745
<i>Dsel</i>	-0.002884504	0.172483546	-0.01672336	0.986657311	0.998148029
<i>Tsn</i>	0.027799861	0.112358846	0.247420313	0.804582955	0.990988839
<i>Nifk</i>	-0.150803927	0.15508263	-0.972410177	0.330846531	0.917115058
<i>Clasp1</i>	-0.228653526	0.326061621	-0.701258632	0.483141625	0.957463006
<i>Tfcp2l1</i>	-0.265143023	0.30538455	-0.868226712	0.385270234	0.931689378
<i>Gli2</i>	-0.020626479	0.667137514	-0.030917882	0.975335029	0.997262526
<i>Inhbb</i>	-0.156494325	0.148087442	-1.056769722	0.290616696	0.907334416
<i>Ralb</i>	0.092467163	0.114566816	0.807102494	0.419607435	0.943415794
<i>Tmem185b</i>	-0.268706115	0.183552263	-1.463921558	0.143215382	0.840741274
<i>Epb4.1l5</i>	-0.230503282	0.161482169	-1.427422501	0.153458149	0.854159937
<i>Ptpn4</i>	-0.283491292	0.316700772	-0.895139253	0.370712653	0.928436166
<i>Tmem177</i>	-0.058163547	0.221572818	-0.262503082	0.79293361	0.990988839

<i>Cfap221</i>	-0.586582276	0.504644737	-1.162366775	0.245086513	0.896939594
<i>Tmem37</i>	-0.029185168	0.167897644	-0.173827143	0.862001312	0.992886758
<i>Dbi</i>	0.099566623	0.176441187	0.56430488	0.572546661	0.971613657
<i>3110009E18Rik</i>	0.159030523	0.280999994	0.565944933	0.571431215	0.971613657
<i>Steap3</i>	0.094283773	0.233948786	0.403010313	0.686940638	0.98538669
<i>C1ql2</i>	-0.18581533	1.441950714	-0.128863856	0.897465377	0.994101834
<i>Marco</i>	0.538482968	0.442861177	1.215918205	0.224016082	0.892989918
<i>Insig2</i>	0.048131036	0.135479634	0.355263996	0.722391825	0.988585656
<i>Ccdc93</i>	0.116568772	0.245982539	0.473890434	0.635578041	0.977034429
<i>Ddx18</i>	-0.229325327	0.177833346	-1.289551886	0.19720629	0.879755417
<i>Actr3</i>	0.039452954	0.078916637	0.499932026	0.617122941	0.974001549
<i>Slc35f5</i>	0.032896134	0.107942766	0.304755332	0.760552504	0.989266039
<i>Gpr39</i>	-0.579357312	0.697339434	-0.830811056	0.406080376	0.939557159
<i>Nckap5</i>	-0.028998217	0.201721498	-0.143753725	0.885694946	0.992886758
<i>Mgat5</i>	-0.256240232	0.430703646	-0.594933975	0.551887606	0.968926429
<i>Tmem163</i>	0.064581818	0.179529185	0.359728797	0.719049955	0.988585656
<i>Acmsd</i>	0.572391708	0.914027492	0.626230297	0.531163898	0.966166773
<i>Ccnt2</i>	-0.107899997	0.154499383	-0.698384646	0.484936676	0.957710647
<i>Map3k19</i>	-0.344149549	0.375356228	-0.916861167	0.359215395	0.925229839
<i>Rab3gap1</i>	-0.36042896	0.179319465	-2.009982351	0.044433057	0.689308953
<i>Zranb3</i>	-0.377873889	0.537010065	-0.703662581	0.481642928	0.957463006
<i>R3hdm1</i>	0.200691942	0.198477567	1.011156801	0.311941388	0.914819219
<i>Ubxn4</i>	-0.103094704	0.107646209	-0.957717926	0.338205015	0.919246575
<i>Mcm6</i>	-0.30125369	0.200170165	-1.50498797	0.13232717	0.827800491
<i>Dars</i>	0.044124145	0.14360129	0.307268442	0.758639054	0.989266039
<i>Cxcr4</i>	0.205091731	0.150632917	1.361533287	0.173345222	0.863528862
<i>Thsd7b</i>	2.225574024	1.935347928	1.149960682	0.250160066	0.896939594
<i>Cd55b</i>	0.161268312	0.34768769	0.46383095	0.642768867	0.978681333
<i>Cd55</i>	0.032251611	0.1250918	0.257823543	0.796543094	0.990988839
<i>C4bp</i>	0.669601918	1.543288604	0.433879908	0.66437565	0.98119114
<i>C4bp-ps1</i>	-0.024902876	1.489177422	-0.016722572	0.98665794	0.998148029
<i>Pfkfb2</i>	-0.365325166	0.154181448	-2.369449579	0.017814584	0.581000616
<i>Yod1</i>	-0.285790174	0.218687895	-1.306840388	0.191266925	0.878116834
<i>AA986860</i>	-0.297418878	0.197976512	-1.502293763	0.133021259	0.827800491
<i>Fcamr</i>	-0.59786925	0.625810689	-0.955351611	0.339399916	0.919246575
<i>Pigr</i>	-0.34030106	0.195967021	-1.736522087	0.082471563	0.76099108
<i>Fcmr</i>	-0.418968289	0.763521043	-0.548731817	0.583189508	0.972174584
<i>Mapkapk2</i>	-0.078081035	0.134108265	-0.582223884	0.560415887	0.968926429
<i>Dyrk3</i>	-0.230476979	0.162938084	-1.414506501	0.15721324	0.855986074
<i>Eif2d</i>	0.169898314	0.130207688	1.304825514	0.191952269	0.879103702
<i>Rassf5</i>	-0.155556786	0.277718784	-0.560123389	0.575395278	0.971613657
<i>Ikake</i>	-0.019905125	0.28817582	-0.06907285	0.944931632	0.99486515
<i>Srgap2</i>	-0.085665502	0.186093927	-0.460334756	0.645275958	0.979004493
<i>Fam72a</i>	0.609461249	0.294193378	2.071634832	0.038299509	0.679118604
<i>Ctse</i>	-0.232295477	1.355456682	-0.171378016	0.86392654	0.992886758
<i>Rab7b</i>	0.058782466	0.185741395	0.316474776	0.751642168	0.988585656
<i>Slc26a9</i>	-0.296136913	0.329432901	-0.898929378	0.368690278	0.928436166
<i>Pm20d1</i>	-0.977978199	0.644134074	-1.518283597	0.128942921	0.827295367
<i>Slc41a1</i>	0.135395736	0.227640294	0.594779307	0.551991001	0.968926429
<i>Rab29</i>	0.153992564	0.143226018	1.075171715	0.282297856	0.90579922
<i>Nucks1</i>	-0.071549181	0.129248382	-0.55357893	0.579867049	0.971613657
<i>Slc45a3</i>	0.020876433	0.280280156	0.074484165	0.940625141	0.994688009
<i>Elk4</i>	0.240612182	0.359435705	0.669416475	0.503229845	0.961729397
<i>Mfsd4</i>	0.010411622	0.285565706	0.036459638	0.970915862	0.996733101
<i>Cdk18</i>	-0.11679747	0.403389523	-0.289540168	0.772168046	0.99050004
<i>Lemd1</i>	3.547244703	2.7045525	1.31158286	0.189660919	0.876232344
<i>Klhd8a</i>	0.161157316	0.275541087	0.584875809	0.558631226	0.968926429
<i>Nuak2</i>	0.068433001	0.276744643	0.247278502	0.804692696	0.990988839
<i>Tmcc2</i>	0.139432671	0.11564267	1.205719923	0.2279255	0.894410876
<i>Dstyk</i>	0.174136247	0.221833159	0.784987456	0.432460923	0.9459793
<i>Rbbp5</i>	-0.172340695	0.231063416	-0.745858855	0.455752682	0.95142233
<i>Tmem81</i>	0.254567962	0.376831425	0.675548655	0.49932725	0.960700483

<i>Lrrn2</i>	-1.114622772	0.835652794	-1.333834793	0.182258005	0.868546072
<i>Mdm4</i>	-0.09780031	0.177411107	-0.551263737	0.581452893	0.971885891
<i>Pik3c2b</i>	0.028299683	0.254301829	0.111283838	0.911391272	0.994688009
<i>Ppp1r15b</i>	-0.2160647	0.097493486	-2.216196264	0.026678064	0.633489138
<i>Plekha6</i>	-0.385502298	0.224313049	-1.718590601	0.085688944	0.763135146
<i>Gm19461</i>	0.022423468	0.254437283	0.088129647	0.929773633	0.994688009
<i>Golt1a</i>	0.303917754	0.28400438	1.070116434	0.284566903	0.905916508
<i>Kiss1</i>	-0.726023177	0.892073319	-0.813860432	0.41572491	0.943415794
<i>Etnk2</i>	-0.114715356	1.295919512	-0.088520432	0.929463045	0.994688009
<i>Sox13</i>	-0.109578223	0.229920388	-0.476592025	0.633652664	0.977034429
<i>Snrpe</i>	0.282771496	0.214020062	1.321238269	0.18642193	0.872512868
<i>Zc3h11a</i>	-0.261406533	0.118775435	-2.200846777	0.027746873	0.637644759
<i>Zbed6</i>	-0.473699529	0.420237107	-1.127219661	0.25964962	0.897248195
<i>Lax1</i>	0.215841289	0.340161237	0.634526412	0.525737335	0.965637248
<i>Atp2b4</i>	-0.412679561	0.285697645	-1.444462591	0.148608895	0.84832848
<i>Opc</i>	0.283166177	0.842859542	0.335958915	0.736901849	0.988585656
<i>Prelp</i>	-0.003283422	0.198648854	-0.016528772	0.986812549	0.998148029
<i>Fmod</i>	-0.455133101	0.415969937	-1.094149025	0.273889624	0.899464226
<i>Btg2</i>	0.205308061	0.385008358	0.533256114	0.593856302	0.974001549
<i>Chil1</i>	-0.276209542	0.340497123	-0.811194935	0.417253734	0.943415794
<i>Adora1</i>	0.228854926	0.468596583	0.488383684	0.625278096	0.976218048
<i>Ppfia4</i>	0.22948045	0.379713307	0.604351878	0.545609722	0.967543166
<i>Tmem183a</i>	0.203468888	0.145511141	1.398304533	0.162021637	0.85887249
<i>Cyb5r1</i>	0.098165042	0.125795331	0.780355206	0.435181826	0.946762848
<i>Adipor1</i>	0.198346109	0.087026078	2.279157165	0.022657724	0.620006604
<i>Klhl12</i>	0.088731429	0.212271514	0.418009122	0.675940448	0.983549699
<i>Rabif</i>	-0.193423281	0.158736433	-1.218518499	0.223026999	0.892391445
<i>Kdm5b</i>	0.249749066	0.218167145	1.144760208	0.252308503	0.897013805
<i>Ppp1r12b</i>	-0.087460702	0.58398015	-0.149766566	0.880948788	0.992886758
<i>Ube2t</i>	0.624675691	0.272875127	2.289236461	0.022065617	0.616892692
<i>Lgr6</i>	-1.359835884	0.667988186	-2.035718464	0.041778634	0.679118604
<i>Ptpv</i>	-0.062831617	1.12121556	-0.056038838	0.955310867	0.99614946
<i>Ptpn7</i>	-0.129522728	0.2760353	-0.469225235	0.63890865	0.977795535
<i>Arl8a</i>	-0.183907358	0.182307424	-1.008776017	0.313082065	0.914925878
<i>Elf3</i>	-0.532397763	0.204663426	-2.60133319	0.009286221	0.478229167
<i>Rnpep</i>	-0.035107747	0.208816015	-0.168127655	0.866482854	0.992886758
<i>Timm17a</i>	0.150320054	0.131766223	1.140808706	0.253949537	0.897044747
<i>Lmod1</i>	-0.062843714	0.280128132	-0.224339174	0.822493396	0.992886758
<i>Shisa4</i>	0.036814588	0.350642034	0.104991942	0.916382203	0.994688009
<i>Ipo9</i>	-0.189464024	0.183719556	-1.03126759	0.302415352	0.911518274
<i>Nav1</i>	-0.223824016	0.388774251	-0.575717182	0.56480636	0.969658675
<i>Csrp1</i>	0.079328831	0.10263001	0.772959397	0.43954641	0.947849924
<i>Phlda3</i>	0.105400777	0.119641483	0.880971837	0.378333064	0.929018488
<i>Tnni1</i>	-0.447923196	1.102767698	-0.406180919	0.684609673	0.985105247
<i>Lad1</i>	0.226507157	0.428521332	0.528578486	0.597097888	0.974001549
<i>Tnnt2</i>	-0.046290421	0.228277869	-0.202781028	0.839306187	0.992886758
<i>Tmem9</i>	0.263225142	0.156675707	1.680063527	0.092944956	0.77525594
<i>Cacna1s</i>	-0.31681107	0.252633644	-1.25403357	0.209829804	0.884258007
<i>Kif21b</i>	-0.723171588	0.666636434	-1.084806577	0.278007332	0.901315669
<i>5730559C18Rik</i>	-0.866342419	0.677638781	-1.278472312	0.201082941	0.881109608
<i>Camsap2</i>	-0.185841625	0.157795496	-1.177737192	0.238901395	0.896609492
<i>9230116N13Rik</i>	0.449878169	0.381873417	1.178081921	0.238763949	0.896609492
<i>Ddx59</i>	0.283365317	0.190815092	1.485025705	0.137537015	0.833085238
<i>Kif14</i>	-0.499161981	0.729923216	-0.683855465	0.494066438	0.958916246
<i>Zfp281</i>	-0.09663189	0.242080824	-0.399172013	0.689766464	0.985803313
<i>Gm19705</i>	0.628665279	0.403140976	1.559417961	0.118897488	0.814755048
<i>Platr22</i>	0.240252158	0.292333038	0.821844017	0.411165679	0.941701842
<i>Nr5a2</i>	0.747379112	1.267498737	0.589648802	0.555426126	0.968926429
<i>Ptprc</i>	0.106330259	0.170379394	0.624079332	0.532575486	0.96674935
<i>Atp6v1g3</i>	-1.015389185	0.592951979	-1.712430722	0.086817321	0.765418158
<i>Nek7</i>	0.054412425	0.118348123	0.459765846	0.645684301	0.979004493
<i>2310009B15Rik</i>	0.019310761	0.230976901	0.083604729	0.933370707	0.994688009

<i>Dennd1b</i>	-0.26811412	0.173590218	-1.54452321	0.122461633	0.817763223
<i>Crb1</i>	0.02423154	0.615126639	0.039392766	0.968577247	0.996474415
<i>Zbtb41</i>	0.052044732	0.186256608	0.279424888	0.779918774	0.990988839
<i>Aspm</i>	-0.53603121	0.79279471	-0.676128641	0.498958973	0.960700483
<i>Cfhr2</i>	3.952215877	2.571389486	1.536996204	0.124294239	0.821164769
<i>Cfh</i>	0.09989961	0.153913248	0.649064401	0.516296751	0.964352198
<i>Kcnt2</i>	-0.75613594	0.963219639	-0.785008849	0.43244838	0.9459793
<i>Cdc73</i>	-0.158371859	0.116004513	-1.365221536	0.172183431	0.86244803
<i>B3galt2</i>	-0.22872626	0.444240763	-0.514870042	0.606643837	0.974001549
<i>Glrx2</i>	0.155858937	0.136910549	1.138399766	0.254953592	0.897044747
<i>Trove2</i>	-0.32678611	0.159193918	-2.05275499	0.040096346	0.679118604
<i>Uchl5</i>	0.126314435	0.156905171	0.805036794	0.420798448	0.943415794
<i>Rgs2</i>	0.619176577	0.303154405	2.042446247	0.041107286	0.679118604
<i>Rgs13</i>	1.844197116	1.096265299	1.682254393	0.092519521	0.775044718
<i>Rgs1</i>	-0.288640659	0.550307236	-0.524508203	0.599925116	0.974001549
<i>Rgs18</i>	0.521517578	0.274415	1.900470377	0.057371419	0.721735927
<i>Pla2g4a</i>	0.025326114	0.144332449	0.175470685	0.860709803	0.992886758
<i>Ptgs2os</i>	0.702531174	1.585815303	0.443009455	0.657758896	0.979614766
<i>Ptgs2</i>	-0.044049851	0.210556392	-0.209206905	0.834286722	0.992886758
<i>Ptgs2os2</i>	0.0783937	0.252770609	0.31013772	0.756456229	0.989266039
<i>BC003331</i>	-0.033771988	0.119890151	-0.281691094	0.778180384	0.990988839
<i>Tpr</i>	0.01985706	0.149916365	0.132454252	0.894625005	0.993556555
<i>Prg4</i>	0.150999584	0.632559346	0.238712123	0.811328816	0.991784898
<i>Hmcn1</i>	-0.038181453	0.201165343	-0.189801347	0.8494648	0.992886758
<i>C730036E19Rik</i>	0.030085807	1.254892558	0.023974807	0.980872704	0.99731481
<i>lvns1abp</i>	-0.076884702	0.098586499	-0.77987049	0.43546711	0.946762848
<i>Swt1</i>	-0.231475286	0.146351306	-1.581641408	0.113731455	0.807243653
<i>Trmt1l</i>	-0.162426466	0.155025175	-1.047742507	0.294757258	0.907334416
<i>Rnf2</i>	-0.008726296	0.137064413	-0.063665658	0.94923645	0.995624732
<i>Fam129a</i>	0.170765192	0.232231795	0.735322187	0.462143299	0.953083512
<i>Edem3</i>	-0.168558452	0.181774387	-0.927294846	0.353773469	0.92416951
<i>1700025G04Rik</i>	-0.20191892	0.190353835	-1.060755725	0.288800928	0.907334416
<i>Tsen15</i>	0.278693884	0.188176422	1.481024458	0.138600056	0.834874897
<i>Colgalt2</i>	0.020491677	0.276387063	0.074141229	0.94089801	0.994688009
<i>Rgl1</i>	-0.070930584	0.196172491	-0.361572532	0.717671494	0.988585656
<i>Apobec4</i>	0.227621471	0.488025926	0.466412661	0.640920151	0.977921835
<i>Arpc5</i>	0.224474628	0.110477496	2.031858392	0.042167994	0.680982912
<i>Ncf2</i>	0.068476072	0.188665407	0.3629498	0.716642384	0.988585656
<i>Smg7</i>	-0.044122517	0.174126119	-0.253394017	0.799963751	0.990988839
<i>Nmnat2</i>	-0.343809973	0.385053607	-0.89288859	0.371916838	0.928840865
<i>Lamc2</i>	0.020317017	0.141390483	0.143694374	0.885741814	0.992886758
<i>Lamc1</i>	0.167383869	0.23440255	0.714087234	0.47517324	0.956761005
<i>E330020D12Rik</i>	1.114643306	0.515034358	2.16421155	0.030448117	0.657574617
<i>Shcbp1l</i>	1.018852439	1.36434812	0.746768676	0.455203207	0.951224746
<i>Dhx9</i>	-0.295790172	0.187264743	-1.579529429	0.114214672	0.808665631
<i>Npl</i>	-0.185044312	0.237835171	-0.778035944	0.436547824	0.946762848
<i>Rgs16</i>	0.117146087	1.191484837	0.098319411	0.921678665	0.994688009
<i>Rnasel</i>	0.012694744	0.202147928	0.062799276	0.949926342	0.995727234
<i>Rgs1l</i>	0.617250501	1.782870623	0.346211605	0.729183694	0.988585656
<i>Teddm2</i>	-1.905349027	1.911606155	-0.996726769	0.318897152	0.91640698
<i>Glul</i>	-0.141997522	0.197550189	-0.718792137	0.472269003	0.955003345
<i>Cacna1e</i>	-0.305171413	1.654897319	-0.184405044	0.853695713	0.992886758
<i>Ier5</i>	0.073940974	0.125226477	0.590457992	0.554883641	0.968926429
<i>Mr1</i>	0.015796824	0.126010531	0.125361141	0.90023765	0.994688009
<i>Stx6</i>	-0.010359144	0.116515116	-0.088908157	0.929154901	0.994688009
<i>Xpr1</i>	-0.435715598	0.217636436	-2.002034244	0.045281049	0.693980041
<i>Gm5532</i>	1.070695662	0.389619973	2.748051273	0.005995063	0.427133716
<i>Acbd6</i>	0.058596689	0.153835556	0.380904718	0.703273952	0.988585656
<i>Qsox1</i>	-0.154816923	0.149964146	-1.032359578	0.301903701	0.911518274
<i>Cep350</i>	-0.31752322	0.226303855	-1.403083569	0.16059192	0.857316691
<i>Tor1aip1</i>	-0.254070279	0.152362574	-1.667537329	0.095407608	0.778239075
<i>Tor1aip2</i>	-0.165843761	0.133854958	-1.238981083	0.215352504	0.887633697

<i>Tdrd5</i>	1.215166073	1.02898595	1.180935535	0.237628334	0.896609492
<i>Nphs2</i>	-1.100910802	1.309779119	-0.840531648	0.400610365	0.93707241
<i>Soat1</i>	-0.061210166	0.161209009	-0.379694454	0.704172238	0.988585656
<i>Abl2</i>	-0.091120817	0.283762856	-0.321116083	0.748122423	0.988585656
<i>Tor3a</i>	-0.031448087	0.096849015	-0.324712514	0.745398663	0.988585656
<i>Fam20b</i>	-0.019593014	0.133287837	-0.146997766	0.883133784	0.992886758
<i>Ralgs2</i>	0.17944824	0.219805379	0.816396036	0.414273663	0.943415794
<i>Rasal2</i>	0.014391912	0.145789787	0.098716872	0.921363072	0.994688009
<i>2810025M15Rik</i>	0.312535627	0.108207809	2.888290865	0.003873415	0.376754331
<i>BC026585</i>	0.004949231	0.168576741	0.029358918	0.976578337	0.997262526
<i>Sec16b</i>	-0.223470064	0.404325409	-0.55269854	0.580469853	0.971613657
<i>Brinp2</i>	-1.235318438	3.150543481	-0.392096934	0.694986593	0.98715859
<i>Pappa2</i>	-0.177341391	1.435960982	-0.123500146	0.901711058	0.994688009
<i>Rfwd2</i>	-0.046652799	0.139168076	-0.335226301	0.737454384	0.988585656
<i>Tnr</i>	0.991119138	0.880068226	1.126184436	0.26008746	0.897248195
<i>4930523C07Rik</i>	0.029267211	0.153852821	0.190228629	0.849129978	0.992886758
<i>Tnn</i>	0.037782865	0.171970665	0.219705289	0.826100685	0.992886758
<i>Mrps14</i>	0.326427474	0.125398325	2.603124671	0.009237835	0.478229167
<i>Cacybp</i>	-0.028722703	0.202808689	-0.141624619	0.88737652	0.992886758
<i>Rabgap1l</i>	-0.092536992	0.098267282	-0.941686689	0.346353072	0.921552698
<i>Rc3h1</i>	0.068122818	0.151144096	0.450714381	0.652195416	0.979004493
<i>Serpinc1</i>	2.318227104	1.131923365	2.048042452	0.04055584	0.679118604
<i>Zbtb37</i>	-0.257592416	0.383152235	-0.67229783	0.501394111	0.96132573
<i>Gas5</i>	0.327464641	0.156162735	2.096944843	0.035998458	0.674795441
<i>Dars2</i>	0.016068258	0.278769324	0.05763998	0.954035403	0.996070133
<i>Cenpl</i>	0.062846313	0.212110012	0.296291121	0.767007766	0.989884648
<i>Klhl20</i>	0.272965723	0.196256247	1.390863869	0.164266711	0.859982992
<i>Ankrd45</i>	-0.456287	0.316673427	-1.440875555	0.149619843	0.848779008
<i>Prdx6</i>	-0.190805465	0.12371342	-1.542318238	0.122996279	0.817788082
<i>Tnfsf18</i>	-0.205530165	1.167882757	-0.175985272	0.860305513	0.992886758
<i>Fasl</i>	0.713584706	0.97709709	0.730310952	0.465200136	0.953083512
<i>Suco</i>	-0.236037241	0.180038019	-1.311041088	0.189843882	0.876349068
<i>Pigc</i>	0.367328569	0.157162761	2.3372494	0.01942622	0.593178479
<i>Dnm3</i>	-0.398745526	0.324018243	-1.230626776	0.218462486	0.888436964
<i>2810442N19Rik</i>	0.273017624	1.505058286	0.181400034	0.856053593	0.992886758
<i>Dnm3os</i>	-0.243152387	0.412537612	-0.58940659	0.555588557	0.968926429
<i>Mettl13</i>	0.253633794	0.288235606	0.879953027	0.378884757	0.929137643
<i>Vamp4</i>	0.334841041	0.143325156	2.336233574	0.019479071	0.593178479
<i>Myoc</i>	0.31222438	1.643749963	0.189946395	0.849351136	0.992886758
<i>Prrc2c</i>	0.27789941	0.257278678	1.080149401	0.280075656	0.903192609
<i>Fmo4</i>	0.048545986	0.58515867	0.082962089	0.933881684	0.994688009
<i>Fmo1</i>	-0.127492867	0.144072892	-0.884919192	0.376200216	0.928883222
<i>Fmo2</i>	-0.206834805	0.140460325	-1.472549669	0.140872505	0.839671411
<i>Fmo6</i>	-0.302910827	0.521829943	-0.580478049	0.561592286	0.969558766
<i>Fmo3</i>	-0.302079864	0.1820541	-1.659286246	0.097058125	0.782676152
<i>Prrx1</i>	-0.006519663	0.196362671	-0.033202151	0.973513383	0.997148871
<i>Gorab</i>	0.105263831	0.150992523	0.697145985	0.485711438	0.957710647
<i>Kifap3</i>	0.053441479	0.11667856	0.458023128	0.646935825	0.979004493
<i>Scyl3</i>	-0.183637156	0.194038757	-0.946394212	0.343947557	0.920669678
<i>BC055324</i>	-0.087158745	0.666778492	-0.130716192	0.895999823	0.993884714
<i>Mettl18</i>	0.416034291	0.241353584	1.723754354	0.084752198	0.761557038
<i>Sele</i>	0.189744167	0.745544901	0.25450401	0.799106206	0.990988839
<i>Sell</i>	0.130500967	0.292229835	0.44656962	0.655185834	0.979133069
<i>Selp</i>	-0.920676246	0.713198268	-1.290912061	0.196734173	0.879755417
<i>F5</i>	0.469668671	0.527096854	0.89104814	0.372903345	0.928840865
<i>Slc19a2</i>	-0.247863309	0.218092132	-1.13650734	0.255744296	0.897044747
<i>Ccdc181</i>	-0.048240196	0.116218835	-0.415080709	0.678082821	0.983670411
<i>Blzf1</i>	-0.05652541	0.168324644	-0.335811851	0.737012753	0.988585656
<i>Nme7</i>	-0.42061048	0.170903753	-2.461095631	0.013851344	0.545277966
<i>Atp1b1</i>	-0.151115695	0.112380787	-1.344675543	0.178730036	0.867377413
<i>Dpt</i>	0.361191905	0.135887243	2.658026594	0.007859969	0.45506991
<i>Xcl1</i>	0.455967625	0.495354165	0.920488123	0.357317737	0.924354588

<i>Sft2d2</i>	-0.172094545	0.135100365	-1.273827395	0.202724594	0.882297774
<i>Tiprl</i>	-0.028989497	0.115248133	-0.251539843	0.801396762	0.990988839
<i>Gpr161</i>	2.055406226	1.76244334	1.166225421	0.243523317	0.896939594
<i>Dcaf6</i>	-0.070296126	0.117596396	-0.59777449	0.549990414	0.968926429
<i>Mpc2</i>	0.350906795	0.179791741	1.95174035	0.050969039	0.707153766
<i>Mpzl1</i>	-0.084827282	0.162160862	-0.523105766	0.600900653	0.974001549
<i>Rcsd1</i>	-0.035038388	0.127076944	-0.275725766	0.782758704	0.990988839
<i>Creg1</i>	0.181826439	0.161999367	1.122389807	0.261696736	0.897248195
<i>Cd247</i>	0.129096441	0.250207058	0.515958432	0.605883442	0.974001549
<i>Pou2f1</i>	-0.090715724	0.299407975	-0.302983661	0.761902314	0.989285682
<i>Illdr2</i>	0.013824593	0.323340955	0.042755465	0.965896466	0.996474415
<i>Tada1</i>	-0.017668609	0.140121373	-0.126095029	0.899656702	0.99447264
<i>Pogk</i>	-0.331620389	0.243052307	-1.364399268	0.172441938	0.86244803
<i>Gm16701</i>	0.560611538	0.412087114	1.360419969	0.173697063	0.863528862
<i>Fam78b</i>	-0.389913937	0.412713522	-0.944756873	0.344783014	0.92132235
<i>Uck2</i>	-0.088834877	0.275931857	-0.321944984	0.747494374	0.988585656
<i>Tmco1</i>	0.128441792	0.124431293	1.032230628	0.30196409	0.911518274
<i>Aldh9a1</i>	0.232660896	0.12012374	1.936843585	0.052764466	0.707153766
<i>Mgst3</i>	0.149981572	0.164016882	0.914427647	0.36049218	0.925913281
<i>Lrrc52</i>	0.053790683	1.205501955	0.044620984	0.964409417	0.996474415
<i>Rxrg</i>	0.207594773	0.604330172	0.343512176	0.731213182	0.988585656
<i>Pbx1</i>	-0.151188877	0.16821253	-0.89879676	0.368760926	0.928436166
<i>Nuf2</i>	0.100537465	0.344376176	0.291940825	0.770331869	0.989990452
<i>Rgs5</i>	-0.661818956	0.276251727	-2.395709755	0.01658822	0.566772949
<i>Rgs4</i>	0.04262221	0.255558382	0.166780717	0.867542591	0.992886758
<i>1700084C01Rik</i>	-0.571089571	0.585285853	-0.975744703	0.329190993	0.917115058
<i>Hsd17b7</i>	-0.172922975	0.294547746	-0.587079606	0.557150243	0.968926429
<i>3110045C21Rik</i>	0.509732625	0.500670894	1.018099177	0.308630827	0.9139204
<i>Ddr2</i>	-0.219749328	0.169075149	-1.299713941	0.19369903	0.879588734
<i>Uap1</i>	-0.001049575	0.110890859	-0.009464938	0.992448185	0.99886678
<i>Uhmk1</i>	-0.39852386	0.323383169	-1.232358074	0.217815355	0.887633697
<i>Sh2d1b1</i>	0.321940402	0.178453935	1.804053251	0.071222959	0.744227652
<i>Gm7694</i>	-0.41326318	0.413025894	-1.000574505	0.317032561	0.91640698
<i>Nos1ap</i>	-1.00186585	1.049889539	-0.954258342	0.339952889	0.919246575
<i>Olfml2b</i>	-0.420513564	0.34812345	-1.207943802	0.22706888	0.89398447
<i>Atf6</i>	-0.158661338	0.129765251	-1.222679695	0.221450699	0.891315805
<i>Dusp12</i>	0.041647046	0.199170714	0.209102257	0.834368413	0.992886758
<i>Fcrlb</i>	-1.387815064	1.324218772	-1.048025517	0.294626851	0.907334416
<i>Fcrla</i>	-0.164062689	0.296407807	-0.553503266	0.579918845	0.971613657
<i>Fcgr2b</i>	-0.527435392	0.215867179	-2.443332952	0.014552305	0.554936045
<i>Fcgr4</i>	0.10730727	0.262327761	0.409058003	0.682497095	0.984738223
<i>Fcgr3</i>	-0.046821497	0.163755833	-0.285922622	0.774937387	0.990861469
<i>Cfap126</i>	-0.379594595	0.141686151	-2.679122777	0.007381532	0.452031612
<i>Sdhc</i>	-0.121774561	0.087834698	-1.386406097	0.165622936	0.860011234
<i>Mpz</i>	0.084935403	0.424416707	0.200122666	0.841384647	0.992886758
<i>Pcp4l1</i>	-0.048661528	0.102594257	-0.47431045	0.635278541	0.977034429
<i>Tomm40l</i>	0.513206061	0.195561839	2.624264851	0.008683623	0.475600561
<i>Apoa2</i>	0.634576988	1.295283338	0.48991365	0.624195004	0.975969024
<i>Fcer1g</i>	0.119004336	0.147752438	0.805430608	0.420571235	0.943415794
<i>Ndufs2</i>	0.230270279	0.112672099	2.043720508	0.040981166	0.679118604
<i>Adamts4</i>	-0.53738838	1.241533017	-0.432842601	0.665129122	0.981727712
<i>B4galt3</i>	-0.03192052	0.216351795	-0.147539889	0.882705898	0.992886758
<i>Ppox</i>	-0.042813134	0.165091872	-0.259329146	0.795381293	0.990988839
<i>Usp21</i>	-0.093275615	0.226307526	-0.412163117	0.680219869	0.984207811
<i>Ufc1</i>	0.327074282	0.185477476	1.763417794	0.077830051	0.754202
<i>Dedd</i>	-0.015505799	0.146291704	-0.105992332	0.915588436	0.994688009
<i>Nit1</i>	0.312189994	0.169551483	1.841269617	0.065582058	0.736929291
<i>Pfdn2</i>	0.112041371	0.132479944	0.845723263	0.397707143	0.935327115
<i>Klhdc9</i>	0.077080114	0.153083642	0.503516335	0.614601299	0.974001549
<i>Pvrl4</i>	-0.050209324	0.327774985	-0.153182292	0.878254522	0.992886758
<i>Arhgap30</i>	0.19972052	0.19101734	1.045562251	0.295763185	0.908204914
<i>Usf1</i>	0.277255644	0.125186563	2.214739648	0.02677794	0.633489138

<i>Tstd1</i>	0.366929686	0.191045402	1.920641285	0.054776947	0.710924647
<i>F11r</i>	0.028159239	0.098131476	0.286954196	0.774147392	0.990730604
<i>Alyref2</i>	0.000957129	0.278762832	0.00343349	0.997260477	0.99957296
<i>Itln1</i>	-0.575510098	1.312244262	-0.438569339	0.660973618	0.979924124
<i>Cd244</i>	0.376243328	0.290090319	1.296986845	0.194635713	0.879588734
<i>Ly9</i>	0.040289138	0.396454866	0.101623518	0.919055512	0.994688009
<i>Slamf7</i>	-0.029854959	0.295087046	-0.101173396	0.919412815	0.994688009
<i>Cd48</i>	-0.110178598	0.187998273	-0.586061755	0.557834016	0.968926429
<i>Slamf1</i>	0.274371222	0.744928063	0.368319085	0.712635324	0.988585656
<i>Cd84</i>	-0.106620263	0.178243767	-0.59817106	0.549725799	0.968926429
<i>Slamf6</i>	0.191139449	0.326996098	0.584531283	0.558862924	0.968926429
<i>Vangl2</i>	-0.099601484	0.593524329	-0.16781365	0.866729883	0.992886758
<i>Ncstn</i>	-0.219585347	0.207534029	-1.058069117	0.290023933	0.907334416
<i>Copa</i>	-0.327151989	0.19447446	-1.68223626	0.092523035	0.775044718
<i>Pex19</i>	0.032620308	0.097108721	0.335915331	0.736934716	0.988585656
<i>Dcaf8</i>	-0.002960485	0.10735206	-0.027577345	0.97799925	0.997262526
<i>Pea15a</i>	0.08106255	0.091563828	0.885311937	0.375988414	0.928883222
<i>Casq1</i>	0.973112973	0.9960437	0.976978192	0.328579949	0.917115058
<i>Atp1a2</i>	0.307632956	0.189382806	1.624397497	0.104291001	0.79155232
<i>Igsf8</i>	0.09038933	0.263025998	0.343651695	0.731108243	0.988585656
<i>Kcnj10</i>	1.431626554	2.183507988	0.65565437	0.512046534	0.963452765
<i>Pigm</i>	-0.106003581	0.162529681	-0.652210599	0.514265323	0.964352198
<i>Slamf9</i>	0.030113357	0.172345878	0.174726295	0.861294705	0.992886758
<i>Igsf9</i>	-0.177955252	0.509604343	-0.349202778	0.726937081	0.988585656
<i>Tagln2</i>	-0.18142152	0.165602076	-1.095526843	0.273285892	0.89897004
<i>Cfap45</i>	-0.169514614	0.201094255	-0.842960997	0.399250257	0.936273856
<i>4933439K11Rik</i>	-0.483023992	0.555672638	-0.869259991	0.384704941	0.931689378
<i>Vsig8</i>	0.202816672	0.731031124	0.277439175	0.781442905	0.990988839
<i>Slamf8</i>	0.067621884	0.431393685	0.156752142	0.875440191	0.992886758
<i>Dusp23</i>	-0.002532	0.235118794	-0.010769026	0.991407727	0.998770784
<i>Fcer1a</i>	0.184349809	0.891961463	0.206679118	0.836260467	0.992886758
<i>Ackr1</i>	-0.226149816	1.26360387	-0.178972083	0.857959623	0.992886758
<i>Cadm3</i>	0.576291612	0.664371116	0.867424242	0.385709604	0.931855682
<i>Aim2</i>	0.454148255	0.255399712	1.778186249	0.075373271	0.752876039
<i>BC094916</i>	1.16483246	0.522366451	2.229914381	0.025753128	0.631530315
<i>Pydc4</i>	0.024397281	0.460884616	0.052935767	0.957783087	0.996226826
<i>Pyhin1</i>	0.295185479	0.279295415	1.056893391	0.290560245	0.907334416
<i>Pydc3</i>	0.326911245	0.273114475	1.196975168	0.231316234	0.895404344
<i>Al607873</i>	0.133696759	0.422628769	0.316345617	0.75174019	0.988585656
<i>Ifi204</i>	-0.015651084	0.337423433	-0.046384104	0.963004106	0.996474415
<i>Mndal</i>	0.144120192	0.191075393	0.754258252	0.450694165	0.949134998
<i>Mnda</i>	0.098425785	0.35948538	0.273796349	0.784241129	0.990988839
<i>Ifi203</i>	0.099734638	0.215137081	0.463586459	0.642944058	0.978681333
<i>Ifi202b</i>	-0.830926399	1.7979069	-0.462163196	0.643964294	0.97889195
<i>Ifi205</i>	-0.414697874	0.299374811	-1.385212978	0.165987353	0.860029348
<i>Spta1</i>	-0.555437823	1.309582855	-0.424133395	0.671468532	0.98288208
<i>Fmn2</i>	0.07089212	0.819252254	0.086532713	0.931042953	0.994688009
<i>Grem2</i>	-0.055080866	0.184833212	-0.298003079	0.765700814	0.989884648
<i>Rgs7</i>	-1.444939376	1.785209739	-0.809394742	0.418288126	0.943415794
<i>Fh1</i>	0.084420342	0.103457221	0.815992744	0.414504286	0.943415794
<i>Kmo</i>	-0.388170483	0.303576952	-1.278655974	0.20101823	0.881109608
<i>Opn3</i>	0.463672705	0.490250693	0.945786944	0.344257266	0.920669678
<i>Chml</i>	0.218824644	0.256694562	0.852470898	0.393952785	0.933796635
<i>Exo1</i>	0.530832292	0.64696015	0.820502301	0.411929818	0.942121471
<i>Cep170</i>	0.242366351	0.206232023	1.175212014	0.239909905	0.896939594
<i>Sdccag8</i>	0.047217565	0.21200676	0.222717262	0.823755566	0.992886758
<i>Hmga2-ps1</i>	0.257714597	0.384753105	0.669818108	0.502973749	0.961729397
<i>Akt3</i>	-0.107832684	0.128622689	-0.838364402	0.401826076	0.937834293
<i>Zbtb18</i>	0.038014846	0.124545851	0.305227716	0.760192725	0.989266039
<i>1700016C15Rik</i>	0.458937326	0.607441475	0.755525174	0.449933934	0.948896093
<i>Adss</i>	-0.104499823	0.095886156	-1.089832232	0.275787053	0.900302631
<i>Gm16432</i>	0.045791837	0.422731315	0.108323739	0.913738892	0.994688009

<i>Desi2</i>	-0.138095193	0.180014843	-0.767132257	0.443002885	0.948476747
<i>Cox20</i>	0.352835712	0.161116449	2.189942211	0.028528428	0.645679684
<i>Hnrnpu</i>	0.012552111	0.128605627	0.097601568	0.922248679	0.994688009
<i>Efcab2</i>	-0.120766645	0.232887703	-0.518561708	0.604066418	0.974001549
<i>Kif26b</i>	-0.584167785	0.34538872	-1.691334291	0.090772974	0.77029644
<i>Smyd3</i>	-0.215277144	0.191165312	-1.126130795	0.260110161	0.897248195
<i>Tfb2m</i>	-0.065832359	0.158924435	-0.414236863	0.678700648	0.983853811
<i>Cnst</i>	-0.289422641	0.206546498	-1.401246903	0.161140253	0.857316691
<i>Sccpdh</i>	-0.044554304	0.114203365	-0.390131268	0.696439482	0.987490725
<i>Ahctf1</i>	-0.134974035	0.198135852	-0.681219648	0.495732517	0.959893834
<i>Cdc42bpa</i>	0.136668661	0.281641072	0.485258277	0.627493148	0.976931499
<i>Adck3</i>	0.128693163	0.213872875	0.601727373	0.547355626	0.968115622
<i>Psen2</i>	-0.207397524	0.171544768	-1.208999415	0.22666307	0.89398447
<i>Gm5069</i>	0.206045489	0.454609453	0.453236261	0.650378624	0.979004493
<i>Itpkb</i>	-0.155506713	0.26969161	-0.576609385	0.564203358	0.969658675
<i>6330403A02Rik</i>	-0.922739803	0.500156509	-1.844902119	0.065051778	0.734014162
<i>Parp1</i>	0.209309976	0.185176315	1.130328014	0.258338035	0.897248195
<i>Lin9</i>	-0.038349312	0.277801098	-0.138045934	0.890204115	0.993043931
<i>Acbd3</i>	0.096774472	0.129089579	0.749669123	0.453454008	0.950146765
<i>H3f3a</i>	0.155219638	0.156498192	0.991830228	0.321280349	0.91640698
<i>Sde2</i>	-0.31508265	0.161127783	-1.955483059	0.050526081	0.707153766
<i>Pycr2</i>	0.132429667	0.107207513	1.235264801	0.216731969	0.887633697
<i>Lefty1</i>	0.346756538	0.256169038	1.353623925	0.17585639	0.865082036
<i>Tmem63a</i>	0.0110442	0.173486993	0.063660105	0.949240872	0.995624732
<i>Ephx1</i>	-0.164313402	0.148002219	-1.110209047	0.266908955	0.89768067
<i>Nvl</i>	0.062366669	0.227598937	0.274020035	0.784069225	0.990988839
<i>Cnih4</i>	0.200169129	0.167087113	1.197992628	0.230919887	0.895404344
<i>Wdr26</i>	0.024838791	0.105889411	0.234572946	0.814540209	0.992048071
<i>Cnih3</i>	0.854647392	1.318511814	0.648190924	0.516861471	0.964352198
<i>Ccdc121</i>	0.014436051	0.282237522	0.051148587	0.95920712	0.996367077
<i>Lbr</i>	-0.055472656	0.112865531	-0.491493336	0.623077564	0.975545397
<i>Enah</i>	-0.216743835	0.144863337	-1.496195236	0.134602786	0.828680121
<i>Srp9</i>	0.433832786	0.18331991	2.366533929	0.017955528	0.581648476
<i>Degs1</i>	-0.140885056	0.091930167	-1.532522567	0.125393533	0.822401003
<i>Fbxo28</i>	-0.164418855	0.154552984	-1.063834882	0.287403506	0.907334416
<i>Trp53bp2</i>	-0.050057849	0.096781315	-0.517226376	0.604998142	0.974001549
<i>Capn2</i>	-0.031219421	0.102509103	-0.304552669	0.760706873	0.989266039
<i>Capn8</i>	-0.7165775	1.035298074	-0.692146076	0.488845599	0.958560421
<i>Susd4</i>	-0.269650167	0.395167204	-0.682369804	0.495005144	0.959272191
<i>Tlr5</i>	0.05962349	0.558197253	0.106814374	0.914936244	0.994688009
<i>1700056E22Rik</i>	-0.399262935	0.807748497	-0.494291151	0.621100573	0.97514112
<i>Dusp10</i>	0.077834449	0.431189313	0.18051108	0.856751357	0.992886758
<i>Hlx</i>	-0.096333175	0.309006181	-0.311751611	0.755229301	0.98922012
<i>Mar-01</i>	0.373821769	0.447726385	0.834933524	0.403755138	0.937834293
<i>Mar-02</i>	0.00717196	0.101446016	0.070697309	0.943638662	0.99486515
<i>C130074G19Rik</i>	0.066844046	0.179351554	0.372698447	0.709372892	0.988585656
<i>Mark1</i>	-0.468194967	0.46106754	-1.015458531	0.309887305	0.914427982
<i>Rab3gap2</i>	0.031125791	0.187592005	0.165922801	0.868217704	0.992886758
<i>Iars2</i>	-0.18257542	0.194463535	-0.938867129	0.347798968	0.921552698
<i>Bpnt1</i>	-0.192453923	0.134807936	-1.427615676	0.153402509	0.854159937
<i>Eprs</i>	-0.110737313	0.167292034	-0.661940142	0.508009584	0.963106419
<i>Lyplal1</i>	0.338495087	0.233870934	1.447358509	0.14779654	0.846989858
<i>Tgfb2</i>	0.351387759	0.180413699	1.947677814	0.051453526	0.707153766
<i>Rrp15</i>	0.082948397	0.140835984	0.588971619	0.555880312	0.968926429
<i>Spata17</i>	-0.314439942	0.218725305	-1.437602029	0.150547005	0.849879783
<i>Gpatch2</i>	-0.496945541	0.296152185	-1.678007344	0.093345665	0.775558829
<i>Esrrg</i>	-0.427421902	0.445339456	-0.959766523	0.337172734	0.919246575
<i>Kctd3</i>	0.003603471	0.176053935	0.020467994	0.983670044	0.997787078
<i>Kcnk2</i>	0.1471517	0.149167405	0.986486961	0.32389421	0.91640698
<i>Cenpf</i>	-0.301072247	0.62332609	-0.483009218	0.629089191	0.977034429
<i>Ptpn14</i>	-0.105050927	0.20735654	-0.50661979	0.61242162	0.974001549
<i>Smyd2</i>	0.060998214	0.134857586	0.452315777	0.651041511	0.979004493

<i>Prox1</i>	0.615479072	0.930027376	0.661785973	0.508108397	0.963181911
<i>Rps6kc1</i>	-0.513860475	0.279588308	-1.837918326	0.066074441	0.738254074
<i>Angel2</i>	-0.083070391	0.148032898	-0.561161691	0.574687316	0.971613657
<i>Mfsd7b</i>	-0.125128701	0.192194024	-0.65105407	0.515011584	0.964352198
<i>Tatdn3</i>	0.054325346	0.210182206	0.258467866	0.796045846	0.990988839
<i>Nsl1</i>	0.366276221	0.479385224	0.764054048	0.444835035	0.948476747
<i>Batf3</i>	0.015136875	0.443413808	0.034137131	0.972767799	0.996905197
<i>Atf3</i>	-0.120364533	0.258846102	-0.465004234	0.641928425	0.97813956
<i>Nenf</i>	0.349596184	0.175510107	1.991886333	0.046383531	0.698098452
<i>Tmem206</i>	-0.177784457	0.234177924	-0.759185385	0.447741667	0.948476747
<i>Ppp2r5a</i>	-0.057472919	0.146666144	-0.391862209	0.695160027	0.98715859
<i>Dtl</i>	-0.599399748	0.507293018	-1.181565144	0.237378291	0.896609492
<i>Ints7</i>	0.297724523	0.327487204	0.909118032	0.363287825	0.926455466
<i>Lpgat1</i>	-0.209223688	0.119345815	-1.753087768	0.079586943	0.75659671
<i>Nek2</i>	0.328250775	0.270116607	1.215218783	0.224282658	0.892989918
<i>1700034H15Rik</i>	-0.134642479	1.400024591	-0.09617151	0.923384358	0.994688009
<i>Slc30a1</i>	0.134808369	0.18374132	0.733685648	0.463140347	0.953083512
<i>Rd3</i>	-0.048478696	0.188266986	-0.257499718	0.796793033	0.990988839
<i>Traf5</i>	0.061706307	0.143873467	0.428892887	0.668001177	0.981863224
<i>Rcor3</i>	-0.211122414	0.198389414	-1.064181852	0.287246326	0.907190636
<i>Gm10516</i>	0.266139336	0.268743163	0.990311096	0.322022085	0.91640698
<i>Kcnh1</i>	-0.026364408	0.502680252	-0.052447671	0.958171991	0.996226826
<i>Hhat</i>	0.607504166	0.726225073	0.836523261	0.402860597	0.937834293
<i>Sertad4</i>	0.032800962	0.477240374	0.068730484	0.945204153	0.99486515
<i>Gm15867</i>	-0.379868399	0.495115948	-0.767231192	0.44294407	0.948476747
<i>Syt14</i>	0.222619517	0.725172292	0.306988449	0.758852165	0.989266039
<i>Diexf</i>	-0.207343988	0.293104754	-0.707405747	0.479314367	0.957463006
<i>Irf6</i>	-0.203292991	0.155674031	-1.305888908	0.191590339	0.878456795
<i>A130010J15Rik</i>	0.223131429	0.240958116	0.926017487	0.354436893	0.924354588
<i>Traf3ip3</i>	0.329006613	0.303837711	1.082836662	0.278880929	0.90176568
<i>Hsd11b1</i>	0.117414916	0.115355577	1.017852098	0.308748249	0.9139204
<i>G0s2</i>	0.484363533	0.199487809	2.428035752	0.015180847	0.555734718
<i>Lamb3</i>	0.064769279	0.22142356	0.292513042	0.76989439	0.989990452
<i>Plxna2</i>	-0.415607539	0.279012219	-1.489567519	0.136337988	0.832457116
<i>Cd34</i>	0.029756448	0.122449905	0.243009159	0.807998302	0.99099448
<i>Gm16897</i>	-0.319614598	0.71771447	-0.445322774	0.656086512	0.979512392
<i>A330023F24Rik</i>	-1.061665808	0.56720924	-1.871735745	0.061243172	0.725221283
<i>Cd46</i>	0.178763996	0.540120457	0.330970608	0.740666687	0.988585656
<i>Cr1l</i>	0.110685439	0.138229002	0.800739621	0.4232824	0.943509323
<i>Cr2</i>	-0.01754911	0.536406941	-0.032716037	0.973901035	0.997262526
<i>Cnksr3</i>	-0.076062158	0.222050041	-0.342545122	0.731940693	0.988585656
<i>Ipcef1</i>	0.518748683	0.393449483	1.318463248	0.18734862	0.873455432
<i>Rgs17</i>	0.445670245	0.44669164	0.997713422	0.318418343	0.91640698
<i>Mtrf1l</i>	-0.16807207	0.178282538	-0.942728727	0.345819676	0.921552698
<i>Fbxo5</i>	-0.110447418	0.26274028	-0.420367285	0.674217163	0.983375962
<i>Vip</i>	-0.784776751	1.852784017	-0.423566236	0.671882184	0.983223126
<i>Myct1</i>	0.143588113	0.265241164	0.54134928	0.588266859	0.973455044
<i>Syne1</i>	0.15291304	0.222682398	0.686686698	0.492280181	0.958916246
<i>Esr1</i>	0.316812899	0.508387706	0.623171835	0.533171608	0.96674935
<i>Ccdc170</i>	-0.112318704	0.211046818	-0.532198044	0.594588837	0.974001549
<i>Armt1</i>	0.007392888	0.173887661	0.042515313	0.966087905	0.996474415
<i>Zbtb2</i>	-0.072733986	0.185577091	-0.391934076	0.695106924	0.98715859
<i>Akap12</i>	0.052870044	0.227886114	0.232002044	0.816536426	0.992676801
<i>Mthfd1l</i>	0.131228349	0.412121853	0.318421234	0.750165433	0.988585656
<i>Plekhhg1</i>	-0.195245077	0.38631659	-0.50540174	0.613276697	0.974001549
<i>lyd</i>	0.312957657	0.223956815	1.397401804	0.162292777	0.859751515
<i>Ppp1r14c</i>	0.122717146	0.111354312	1.102042152	0.270443347	0.89804647
<i>H60c</i>	0.360124872	0.456029683	0.789696121	0.429705257	0.945321484
<i>Lrp11</i>	-0.152119185	0.332429296	-0.457598615	0.647240839	0.979004493
<i>Pcmt1</i>	0.114615581	0.099411202	1.152944318	0.24893324	0.896939594
<i>A630066F11Rik</i>	0.136795992	0.401927615	0.340349822	0.733593101	0.988585656
<i>Nup43</i>	-0.29779755	0.231321107	-1.287377334	0.197962801	0.880239572

<i>BC020402</i>	-0.618332801	0.356595674	-1.733988511	0.082920122	0.76099108
<i>Lats1</i>	-0.096298571	0.144719473	-0.665415433	0.505784817	0.96224682
<i>Katna1</i>	0.015526205	0.133969233	0.115893811	0.907736701	0.994688009
<i>Ginm1</i>	-0.007446027	0.102395309	-0.072718442	0.942030172	0.994688009
<i>Ppil4</i>	-0.005569251	0.141625648	-0.039323748	0.968632273	0.996474415
<i>Zc3h12d</i>	0.896446881	0.836563265	1.071582889	0.283907422	0.905916508
<i>Tab2</i>	-0.184445333	0.139341294	-1.3236947	0.185604459	0.87179632
<i>Ust</i>	-0.435086607	0.392849073	-1.107515932	0.268070928	0.89804647
<i>Sash1</i>	0.03277938	0.132247435	0.247864016	0.804239622	0.990988839
<i>Samd5</i>	-0.000591574	0.39894798	-0.001482835	0.99881687	0.999739059
<i>Stxbp5</i>	0.032759521	0.227891597	0.143750457	0.885697526	0.992886758
<i>Adgb</i>	0.027557221	0.279369009	0.098640937	0.921423366	0.994688009
<i>Rab32</i>	-0.155274942	0.154291028	-1.006377001	0.314234253	0.91586731
<i>Grm1</i>	-5.11050687	4.919502487	-1.038825955	0.298885688	0.909933614
<i>Shprh</i>	-0.12863638	0.171089233	-0.751867189	0.452130932	0.949574349
<i>Fbxo30</i>	-0.073881368	0.147288908	-0.501608497	0.615942941	0.974001549
<i>Epm2a</i>	-0.090763016	0.356278697	-0.254752856	0.79891399	0.990988839
<i>Utrn</i>	0.060726426	0.146881378	0.413438563	0.679285326	0.983903958
<i>B230208H11Rik</i>	0.077139418	0.396912346	0.194348749	0.845902817	0.992886758
<i>Stx11</i>	0.007437628	0.213022139	0.03491481	0.972147671	0.996750504
<i>Sf3b5</i>	0.140930743	0.133169581	1.058280294	0.289927674	0.907334416
<i>Plagl1</i>	-0.224703404	0.444789563	-0.505190369	0.613425134	0.974001549
<i>Ltv1</i>	-0.076652162	0.153660925	-0.498839648	0.617892354	0.974153
<i>Phactr2</i>	-0.222753943	0.164463096	-1.354431169	0.175598859	0.864596675
<i>Fuca2</i>	-0.098547614	0.11102075	-0.88765041	0.374728829	0.928883222
<i>Pex3</i>	-0.019541852	0.139529176	-0.140055665	0.88861601	0.992886758
<i>Adat2</i>	0.08487622	0.25325618	0.335139778	0.737519648	0.988585656
<i>Aig1</i>	-0.018206336	0.148899493	-0.122272651	0.902683091	0.994688009
<i>Hivep2</i>	0.057691018	0.204044372	0.282737611	0.777377983	0.990962705
<i>Adgrg6</i>	-0.22050448	0.139436455	-1.581397634	0.113787148	0.807243653
<i>Vta1</i>	0.117476006	0.121193607	0.969325102	0.332383009	0.917115058
<i>Cited2</i>	-0.051913829	0.17207721	-0.301689161	0.762889032	0.989285682
<i>Txlnb</i>	-0.381568565	0.377054008	-1.011973237	0.31155085	0.914819219
<i>Heca</i>	-0.161409616	0.181667489	-0.888489274	0.374277623	0.928883222
<i>Abrac1</i>	0.19938031	0.168883254	1.180580699	0.237769335	0.896609492
<i>Reps1</i>	-0.284351109	0.190833418	-1.490048818	0.1362114	0.832457116
<i>Ect2l</i>	-0.066869197	0.413479863	-0.161722982	0.871524006	0.992886758
<i>Ccdc28a</i>	0.249062782	0.197769345	1.2593599	0.207900366	0.884225785
<i>Nhs1</i>	0.197141855	0.371969931	0.529994062	0.596116048	0.974001549
<i>Hebp2</i>	-0.160099436	0.257251605	-0.622345722	0.533714563	0.96674935
<i>Arfgef3</i>	-0.742717625	0.694892701	-1.068823465	0.285149224	0.905916508
<i>4930444F02Rik</i>	-1.472043033	1.241292277	-1.185895587	0.235663536	0.896002526
<i>Perp</i>	-0.207061695	0.1418003	-1.460234535	0.144225627	0.841934045
<i>Tnfr1</i>	-0.079330698	0.195436564	-0.405915332	0.684804812	0.985105247
<i>Gm20139</i>	1.04717446	2.086470111	0.501888071	0.615746257	0.974001549
<i>Olig3</i>	1.691798173	1.67309886	1.011176455	0.311931983	0.914819219
<i>Ifngr1</i>	-0.103757325	0.098887424	-1.049246927	0.294064486	0.907334416
<i>Il22ra2</i>	-0.118149526	0.530603231	-0.222670197	0.823792198	0.992886758
<i>Il20ra</i>	2.182565193	1.359519523	1.605394521	0.108407009	0.798150849
<i>Slc35d3</i>	0.050891529	0.557874002	0.091224055	0.927314561	0.994688009
<i>Pex7</i>	0.197439279	0.157289126	1.255263377	0.209383165	0.884258007
<i>Map3k5</i>	-0.354160578	0.215680456	-1.642061522	0.100577255	0.788783372
<i>Map7</i>	-0.040597782	0.173306439	-0.234254317	0.814787549	0.992116023
<i>Gm6251</i>	-0.373874645	0.561124643	-0.66629518	0.505222446	0.962138588
<i>Bclaf1</i>	-0.117745988	0.126734485	-0.929076153	0.352849622	0.923529301
<i>Mtfr2</i>	0.246192123	0.797320878	0.308774209	0.757493289	0.989266039
<i>Pde7b</i>	-0.117398833	0.269674266	-0.435335693	0.66331878	0.980889931
<i>Ahi1</i>	-0.770779346	0.281395981	-2.739127057	0.006160256	0.427133716
<i>Myb</i>	-0.358198024	0.213372649	-1.67874386	0.093201974	0.775558829
<i>Hbs1l</i>	0.071206489	0.133403553	0.533767558	0.593502362	0.974001549
<i>Sgk1</i>	-0.154495958	0.156626982	-0.986394272	0.323939675	0.91640698
<i>E030030I06Rik</i>	0.15827723	0.313674091	0.504591342	0.613845892	0.974001549

<i>Raet1a</i>	4.560929274	2.02810638	2.248860967	0.024521343	0.627523461
<i>Raet1e</i>	-3.00137309	1.62857643	-1.842942729	0.065337373	0.735191788
<i>C920009B18Rik</i>	0.390887363	0.74232161	0.52657414	0.598489354	0.974001549
<i>Slc2a12</i>	-0.160183173	0.195572386	-0.819048005	0.412759025	0.942708418
<i>Tbpl1</i>	0.168056666	0.128549183	1.307333604	0.191099436	0.877906723
<i>Tcf21</i>	0.261103779	0.156227529	1.671304544	0.094661539	0.777748075
<i>Eya4</i>	-2.243406588	2.158106987	-1.039525196	0.298560546	0.909779403
<i>Rps12</i>	0.241712409	0.308402613	0.783756033	0.433183277	0.946239431
<i>Snora33</i>	0.793773456	0.626088536	1.267829405	0.204858879	0.883765092
<i>Slc18b1</i>	0.067523465	0.259359138	0.260347354	0.794595848	0.990988839
<i>Vnn3</i>	-0.148370219	0.271108564	-0.547272341	0.584191643	0.972333834
<i>Vnn1</i>	-0.069136699	0.192693968	-0.358790159	0.719752075	0.988585656
<i>Taar2</i>	-0.858269232	0.687169925	-1.248991262	0.21166827	0.884755882
<i>Stx7</i>	0.058861301	0.110743431	0.53151054	0.595065039	0.974001549
<i>Moxd1</i>	-0.662341869	2.208143847	-0.299954131	0.764212143	0.989384061
<i>Ctgf</i>	-0.041563625	0.196328842	-0.21170412	0.832337874	0.992886758
<i>Enpp1</i>	0.018993746	0.37815439	0.05022749	0.959941105	0.996474415
<i>Enpp3</i>	-0.08849571	0.86587935	-0.10220328	0.918595324	0.994688009
<i>Med23</i>	-0.346079715	0.298889508	-1.157885122	0.24691092	0.896939594
<i>Akap7</i>	0.008330319	0.155003903	0.053742641	0.957140209	0.996226826
<i>Epb4.1l2</i>	-0.170531893	0.141459751	-1.205515285	0.228004441	0.894410876
<i>Tmem200a</i>	0.338178668	0.393452505	0.859515859	0.390055974	0.933734231
<i>Samd3</i>	1.593231134	0.520088294	3.063385875	0.002188477	0.308737709
<i>L3mbtl3</i>	0.191505409	0.464020639	0.412708817	0.679819964	0.983903958
<i>Arhgap18</i>	-0.08904199	0.107305488	-0.829799032	0.406652418	0.939557159
<i>Lama2</i>	0.321529222	0.236795564	1.357834654	0.174516156	0.863528862
<i>Ptpkr</i>	0.032146996	0.161912806	0.19854511	0.842618594	0.992886758
<i>Themis</i>	0.675358483	0.477615115	1.414022426	0.157355318	0.855986074
<i>9330159F19Rik</i>	-0.317814634	0.459998323	-0.690903897	0.489625937	0.958560421
<i>Echdc1</i>	0.23859191	0.308024466	0.774587528	0.438583429	0.947816234
<i>Rnf146</i>	0.052852142	0.116263832	0.454587993	0.649405674	0.979004493
<i>Rspo3</i>	-0.879619001	0.450248124	-1.953631682	0.050744791	0.707153766
<i>Cenpw</i>	-0.239474347	0.342096798	-0.70001926	0.483915276	0.957710647
<i>Trmt11</i>	-0.04109781	0.130091713	-0.315914127	0.752067688	0.988585656
<i>Gm20300</i>	0.092037091	0.133271119	0.69060042	0.489816683	0.958560421
<i>Hint3</i>	0.284291205	0.207934647	1.367214215	0.171558171	0.862444803
<i>Ncoa7</i>	-0.022358276	0.137873517	-0.162165127	0.871175821	0.992886758
<i>Hey2</i>	-0.238241592	0.311227931	-0.76548911	0.443980349	0.948476747
<i>Hddc2</i>	0.427907682	0.23893339	1.790907844	0.073308085	0.748833631
<i>Tpd52l1</i>	-0.004105015	0.336772483	-0.012189284	0.9902746	0.998417328
<i>Gm3258</i>	1.396751468	0.530674529	2.632030353	0.008487628	0.474579703
<i>Rnf217</i>	-0.265662093	0.36358962	-0.730664679	0.464983995	0.953083512
<i>Nkain2</i>	-1.133090468	1.401485013	-0.808492748	0.418806979	0.943415794
<i>Trdn</i>	0.021321237	0.361705513	0.058946397	0.952994803	0.996070133
<i>D830005E20Rik</i>	0.519632702	1.765249149	0.29436791	0.768476785	0.989990452
<i>Rsph4a</i>	-0.166243391	0.211556658	-0.78581025	0.431978661	0.9459793
<i>Zufsp</i>	0.21098525	0.185896252	1.134962367	0.256391087	0.897248195
<i>A830082N09Rik</i>	-0.128542651	0.812504445	-0.158205474	0.874294891	0.992886758
<i>Rwdd1</i>	0.28865779	0.17524867	1.647132551	0.099530804	0.788783372
<i>Fam26e</i>	-0.109941783	0.193020181	-0.569586983	0.568957859	0.97144955
<i>Fam26f</i>	0.668000978	0.358817017	1.861675857	0.062648794	0.727650961
<i>Dse</i>	0.060790807	0.129764612	0.468469841	0.639448633	0.977843986
<i>Tspyl1</i>	-0.032360405	0.120157655	-0.269316217	0.787686353	0.990988839
<i>Tspyl4</i>	-0.170982911	0.242258391	-0.705787364	0.480320381	0.957463006
<i>Nt5dc1</i>	0.016727832	0.14844573	0.112686517	0.910279091	0.994688009
<i>Col10a1</i>	0.491601396	2.095373269	0.234612803	0.814509271	0.992048071
<i>Frk</i>	-0.225007371	0.268766071	-0.837186666	0.402487652	0.937834293
<i>Hdac2</i>	-0.159791443	0.1117234	-1.430241493	0.15264772	0.853744627
<i>Marcks</i>	-0.093341299	0.1035732	-0.901210919	0.367476186	0.928436166
<i>Lama4</i>	0.127925915	0.165818533	0.771481405	0.44042164	0.947899303
<i>Fam229b</i>	0.500853336	0.258064166	1.940809312	0.052281411	0.707153766
<i>Tube1</i>	-0.381357684	0.92909601	-0.410461008	0.681467801	0.984683806

<i>Fyn</i>	0.080636898	0.178867811	0.450818388	0.652120447	0.979004493
<i>Traf3ip2</i>	-0.027665097	0.171249658	-0.161548334	0.871661546	0.992886758
<i>E130307A14Rik</i>	-0.039124875	0.177752105	-0.220109209	0.825786103	0.992886758
<i>Rev3l</i>	-0.053657896	0.243332381	-0.220512763	0.825471834	0.992886758
<i>AA474331</i>	-0.61458645	0.650973207	-0.944104063	0.345116473	0.92132235
<i>G630090E17Rik</i>	0.011093245	0.297704741	0.037262575	0.970275645	0.996628386
<i>BC021785</i>	-0.835738929	1.501687647	-0.556533132	0.577846452	0.971613657
<i>Al317395</i>	0.094714345	0.263658169	0.359231598	0.719421841	0.988585656
<i>Slc16a10</i>	0.053740202	0.221282427	0.242857975	0.808115422	0.99099448
<i>Rpf2</i>	0.046100982	0.170497403	0.270391107	0.786859381	0.990988839
<i>Gtf3c6</i>	0.101730139	0.146928979	0.692376278	0.488701059	0.958556246
<i>Cdk19</i>	0.071378304	0.210285356	0.339435449	0.734281718	0.988585656
<i>Ddo</i>	-0.081338089	0.165219544	-0.49230307	0.62250511	0.975236037
<i>Mettl24</i>	0.179241367	0.160167486	1.119087102	0.263102982	0.897248195
<i>Cdc40</i>	-0.110683735	0.155483809	-0.711866633	0.476547366	0.95716557
<i>Wasf1</i>	-0.705458335	1.256471022	-0.561460092	0.574483929	0.971613657
<i>Fig4</i>	-0.364789108	0.180390478	-2.022219307	0.043153701	0.685056403
<i>Zbtb24</i>	-0.251701113	0.241442557	-1.042488602	0.297185207	0.909070179
<i>Mical1</i>	0.04330226	0.222455142	0.194656142	0.845662148	0.992886758
<i>Smpd2</i>	0.002895811	0.125527605	0.023069114	0.981595142	0.997390438
<i>Ppil6</i>	0.049495436	0.151850712	0.325947999	0.744463699	0.988585656
<i>Cd164</i>	-0.196587301	0.095303818	-2.06274319	0.039137034	0.679118604
<i>Ccdc162</i>	-0.053294991	0.261759965	-0.20360253	0.838664116	0.992886758
<i>Cep57l1</i>	-0.385787897	0.379531054	-1.016485723	0.309398143	0.9139204
<i>Sesn1</i>	-0.079999174	0.169649326	-0.471556097	0.63724367	0.977284137
<i>Armc2</i>	-0.410681905	0.292466134	-1.40420328	0.160258325	0.857316691
<i>Foxo3</i>	0.079205896	0.411377242	0.192538352	0.847320529	0.992886758
<i>Lace1</i>	0.363724347	0.174380399	2.085809816	0.036995854	0.678243111
<i>Snx3</i>	-0.029056236	0.069003467	-0.421083721	0.673693948	0.983375962
<i>Ostm1</i>	-0.049324482	0.119332422	-0.413336801	0.679359871	0.983903958
<i>Sec63</i>	-0.138373483	0.163408717	-0.846793767	0.397110083	0.934912232
<i>Scml4</i>	0.384038596	0.56472435	0.680046107	0.496475267	0.960362776
<i>Sobp</i>	0.826077085	0.71656538	1.15282863	0.24898073	0.896939594
<i>9030612E09Rik</i>	-0.229459588	1.001828481	-0.229040792	0.818837212	0.992734473
<i>Pdss2</i>	0.226725832	0.295437698	0.767423498	0.442829762	0.948476747
<i>Bend3</i>	0.133987843	0.428506285	0.312685829	0.754519363	0.98902053
<i>1700021F05Rik</i>	0.240143038	0.140805389	1.705496069	0.088101945	0.767228183
<i>Cd24a</i>	-0.056261086	0.107571794	-0.523009646	0.600967541	0.974001549
<i>F830002L21Rik</i>	0.170410692	1.490057008	0.114365217	0.908948286	0.994688009
<i>4933404K13Rik</i>	-0.538570867	1.261864509	-0.426805623	0.669520911	0.981863224
<i>Qrs1l</i>	-0.355155003	0.284896285	-1.246611564	0.212539959	0.884945675
<i>Rtn4ip1</i>	0.342952834	0.231648188	1.480490035	0.138742518	0.834874897
<i>Aim1</i>	0.176236809	0.210103541	0.838809325	0.401576317	0.937834293
<i>Atg5</i>	0.067328546	0.145379187	0.463123694	0.643275707	0.978801899
<i>Prdm1</i>	-0.054788873	0.352570699	-0.155398261	0.876507355	0.992886758
<i>Prep</i>	-0.059102017	0.131404434	-0.449771866	0.652874946	0.979004493
<i>Popdc3</i>	0.150991874	0.146447087	1.031033648	0.302525041	0.911518274
<i>Bves</i>	-0.455714801	0.612213195	-0.744372721	0.456651018	0.951472839
<i>Hace1</i>	-0.038102085	0.161617912	-0.235754095	0.813623491	0.992048071
<i>Grik2</i>	0.203124318	0.786644165	0.258216265	0.796240006	0.990988839
<i>Ascc3</i>	-0.146795235	0.213433904	-0.687778428	0.491592323	0.958916246
<i>Lilr4b</i>	-0.080893926	0.336315754	-0.240529697	0.809919644	0.991419855
<i>Lilrb4a</i>	-0.286134418	0.220084557	-1.300111294	0.193562827	0.879588734
<i>Fam162b</i>	0.37534518	0.223674965	1.678083106	0.093330876	0.775558829
<i>Gprc6a</i>	0.039979249	0.896819629	0.044578918	0.964442947	0.996474415
<i>Ros1</i>	-0.546857288	0.620135767	-0.88183478	0.37786616	0.928883222
<i>Dcbl1d1</i>	-0.118685984	0.180241849	-0.658481841	0.510228562	0.963452765
<i>Gopc</i>	-0.268276654	0.189336976	-1.416926897	0.156504302	0.855455553
<i>Nus1</i>	-0.037843015	0.108898848	-0.347506113	0.728211127	0.988585656
<i>Cep85l</i>	-0.350214388	0.292041846	-1.199192488	0.230453108	0.895404344
<i>Gm19395</i>	-1.355359514	2.317852276	-0.584748013	0.558717165	0.968926429
<i>Pln</i>	-0.650492527	0.247965164	-2.623322237	0.008707687	0.475600561

<i>Mcm9</i>	-0.075635765	0.278529553	-0.271553822	0.78596511	0.990988839
<i>Asf1a</i>	0.046401007	0.142063142	0.326622418	0.743953485	0.988585656
<i>Fam184a</i>	-0.545533574	0.273995153	-1.991033667	0.046477186	0.698098452
<i>Man1a</i>	0.044538695	0.164084455	0.271437628	0.786054465	0.990988839
<i>Tbc1d32</i>	-0.066796945	0.191803846	-0.348256546	0.727647525	0.988585656
<i>Msl3l2</i>	0.2208555	0.274975224	0.803183273	0.421868812	0.943415794
<i>Gja1</i>	-0.152169948	0.189184577	-0.804346475	0.421196904	0.943415794
<i>Hsf2</i>	-0.260488976	0.184419731	-1.412478888	0.157809003	0.855986074
<i>Serinc1</i>	-0.189375228	0.120192266	-1.575602441	0.115117453	0.81007959
<i>Pkib</i>	-0.246897868	0.253110588	-0.975454521	0.329334851	0.917115058
<i>Fabp7</i>	0.54894074	1.140021473	0.481517895	0.630148465	0.977034429
<i>Smpdl3a</i>	0.001116115	0.094875147	0.01176404	0.99061387	0.998564713
<i>Gcc2</i>	-0.388850057	0.227120665	-1.71208576	0.086880865	0.765418158
<i>Lims1</i>	-0.066059873	0.096571788	-0.684049388	0.49394398	0.958916246
<i>Ranbp2</i>	-0.1316053	0.126242254	-1.04248218	0.297188183	0.909070179
<i>Ccdc138</i>	-0.451532372	0.227322618	-1.986306402	0.046999312	0.698868643
<i>Edar</i>	-0.242535558	0.364914745	-0.664636223	0.506283195	0.962370882
<i>Sh3rf3</i>	-0.169861509	0.381567412	-0.445167757	0.656198526	0.979587943
<i>Sep-10</i>	0.109806443	0.137679906	0.797548796	0.425132375	0.944290206
<i>Sowahc</i>	-0.041070712	0.16330675	-0.25149427	0.801431992	0.990988839
<i>P4ha1</i>	-0.126382378	0.126623595	-0.99809501	0.31823329	0.91640698
<i>Pla2g12b</i>	1.377892984	0.832711571	1.654706183	0.097984112	0.78637468
<i>Oit3</i>	0.043499855	0.435113947	0.099973479	0.920365381	0.994688009
<i>Mcu</i>	-0.017758622	0.242974711	-0.073088355	0.941735808	0.994688009
<i>Micu1</i>	-0.054311811	0.139248956	-0.390033878	0.696511496	0.987490725
<i>Dnajb12</i>	-0.106785414	0.12745345	-0.837838552	0.402121384	0.937834293
<i>Ddit4</i>	-0.100397401	0.413122794	-0.243020726	0.807989342	0.99099448
<i>Anapc16</i>	0.294889894	0.173880124	1.695937913	0.089897639	0.769347579
<i>Ascc1</i>	0.155846936	0.116202916	1.341162008	0.179867859	0.868087032
<i>Spock2</i>	-0.10844903	0.228387847	-0.474845889	0.634896823	0.977034429
<i>Chst3</i>	0.013984516	0.248743693	0.056220586	0.955166082	0.99614946
<i>Psap</i>	-0.222830937	0.160780973	-1.385928522	0.165768731	0.860011234
<i>Cdh23</i>	0.317470497	1.256245329	0.252713773	0.800489404	0.990988839
<i>4632428N05Rik</i>	-0.116437997	0.163964714	-0.710140576	0.477616966	0.95716557
<i>Slc29a3</i>	-0.646224652	0.482569798	-1.339131986	0.180527709	0.868087032
<i>Unc5b</i>	-0.482172107	0.302471839	-1.59410578	0.110912345	0.800111791
<i>Pcbd1</i>	0.122398281	0.17069332	0.717065442	0.473333718	0.95585895
<i>Sgpl1</i>	0.077851778	0.215174794	0.361807146	0.717496152	0.988585656
<i>Tbata</i>	-0.304680631	0.41006484	-0.743005987	0.457478056	0.952102513
<i>Adamts14</i>	2.33367215	0.86399356	2.701029565	0.006912519	0.447859934
<i>Prf1</i>	0.759754249	0.40626416	1.870099125	0.061470054	0.725730283
<i>Pald1</i>	-0.119969766	0.125281617	-0.957600718	0.338264137	0.919246575
<i>Eif4ebp2</i>	-0.059397428	0.361907942	-0.164123031	0.869634292	0.992886758
<i>Lrrc20</i>	0.309687145	0.301056241	1.028668744	0.303635362	0.911786415
<i>Ppa1</i>	-0.04633845	0.144568474	-0.320529424	0.748567029	0.988585656
<i>Sar1a</i>	-0.061451859	0.068350862	-0.899064869	0.368618109	0.928436166
<i>Tysnd1</i>	0.166149143	0.168973334	0.983286174	0.325466613	0.91640698
<i>Aifm2</i>	-0.153599665	0.204375843	-0.751554893	0.452318778	0.94958784
<i>H2afy2</i>	0.056910879	0.317581451	0.17920089	0.857779965	0.992886758
<i>Col13a1</i>	0.035565206	0.240418301	0.147930528	0.882397595	0.992886758
<i>Gm5424</i>	-0.230691949	0.71220655	-0.323911581	0.746004976	0.988585656
<i>2010107G23Rik</i>	0.482058631	0.175077891	2.753395233	0.005898064	0.427133716
<i>Tspan15</i>	-0.007761305	0.108736811	-0.071376977	0.943097732	0.994819052
<i>Tacr2</i>	-0.915188359	1.343915676	-0.680986446	0.495880067	0.960065677
<i>Hk1</i>	0.085251458	0.300220558	0.28396276	0.77643892	0.990861469
<i>Hk1os</i>	-0.537086176	1.144488712	-0.469280448	0.638869189	0.977795535
<i>Hkdc1</i>	-0.523056268	0.447887145	-1.167830498	0.242875144	0.896939594
<i>Supv3l1</i>	0.111228464	0.207515422	0.536000952	0.591957892	0.974001549
<i>Vps26a</i>	-0.054192098	0.102562521	-0.5283811	0.597234853	0.974001549
<i>Srgn</i>	0.122218228	0.112869351	1.08282919	0.278884247	0.90176568
<i>Kif1bp</i>	-0.324742761	0.145402958	-2.233398584	0.025522671	0.631530315
<i>Ddx21</i>	-0.206856017	0.125833692	-1.643884185	0.100200127	0.788783372

<i>Ddx50</i>	0.135003188	0.112635628	1.198583348	0.230689996	0.895404344
<i>Stox1</i>	-0.402818414	0.304941427	-1.320969793	0.186511436	0.872512868
<i>Ccar1</i>	-0.090161583	0.175651929	-0.513296855	0.607743684	0.974001549
<i>Tet1</i>	2.269390934	0.91392298	2.483131492	0.0130233	0.534249815
<i>Slc25a16</i>	-0.174611297	0.140668384	-1.241297382	0.214495911	0.886400046
<i>Dna2</i>	-0.085910516	0.220620791	-0.389403536	0.696977657	0.987518602
<i>Rufy2</i>	-0.325346435	0.177743761	-1.830423936	0.067186571	0.741440336
<i>Hnrnp3</i>	0.181698599	0.29498507	0.615958627	0.537921826	0.96674935
<i>Pbld2</i>	-0.443898876	0.416764936	-1.065106103	0.286827918	0.906336252
<i>Pbld1</i>	-0.382629522	0.546148386	-0.70059627	0.483555007	0.957710647
<i>Mypn</i>	3.748133705	1.797527798	2.085160357	0.037054747	0.678243111
<i>Herc4</i>	0.059611549	0.144404168	0.412810446	0.679745497	0.983903958
<i>Sirt1</i>	-0.217548967	0.169670753	-1.282183074	0.199778432	0.880888611
<i>Dnajc12</i>	0.189328574	0.189204226	1.000657216	0.316992558	0.91640698
<i>Lrrtm3</i>	-0.286452	1.972269367	-0.145239796	0.884521547	0.992886758
<i>Gm31763</i>	1.241566929	1.98137897	0.626617597	0.530909931	0.966027687
<i>Reep3</i>	-0.081909697	0.139974196	-0.585177122	0.558428626	0.968926429
<i>Jmjd1c</i>	-0.048622552	0.136610647	-0.355920661	0.721899982	0.988585656
<i>Nrbf2</i>	-0.031061473	0.184267792	-0.168567021	0.866137222	0.992886758
<i>Egr2</i>	0.373315687	0.447247186	0.83469656	0.403888579	0.937834293
<i>Ado</i>	-0.038990019	0.168934461	-0.23079968	0.81747043	0.992678823
<i>Zfp365</i>	-0.135899149	0.142269654	-0.955222321	0.33946528	0.919246575
<i>Rtkn2</i>	0.123710579	0.124931921	0.990223945	0.322064671	0.91640698
<i>Arid5b</i>	-0.449270497	0.346388543	-1.297013154	0.194626661	0.879588734
<i>1700040L02Rik</i>	-0.171389098	0.256376558	-0.66850534	0.503811075	0.96179897
<i>Tmem26</i>	-1.657467638	0.962216544	-1.72255159	0.084969646	0.761635307
<i>Rhobtb1</i>	-0.296774815	0.246058838	-1.206113209	0.227773842	0.894410876
<i>Cdk1</i>	-0.09482871	0.288225361	-0.329008902	0.742148959	0.988585656
<i>Ank3</i>	-0.170105302	0.222363457	-0.764987665	0.44427889	0.948476747
<i>Ccdc6</i>	-0.07333562	0.209358203	-0.350287778	0.726122736	0.988585656
<i>Mrln</i>	0.44531529	0.553085521	0.805147257	0.420734708	0.943415794
<i>Slc16a9</i>	-0.100558156	0.134060176	-0.75009715	0.453196196	0.950146765
<i>Fam13c</i>	-0.278735759	0.35366948	-0.788124998	0.430623594	0.945321484
<i>Phyhlpl</i>	-0.9689662	1.650380932	-0.587116696	0.557125335	0.968926429
<i>D630013N20Rik</i>	2.996464637	1.544027619	1.940680724	0.052297016	0.707153766
<i>Bicc1</i>	-0.340942402	0.299256678	-1.139297556	0.254579067	0.897044747
<i>Tfam</i>	0.149945173	0.137050915	1.094083706	0.273918268	0.899464226
<i>Ube2d1</i>	-0.180770474	0.212611986	-0.850236515	0.395193604	0.933933717
<i>Cisd1</i>	0.157772105	0.133106739	1.185305163	0.235896813	0.896067726
<i>Ipmk</i>	-0.345866618	0.136418485	-2.535335428	0.01123397	0.508080411
<i>Zwint</i>	-0.030666061	0.117186123	-0.261686797	0.793562921	0.990988839
<i>Rsph14</i>	-0.210415939	0.222028919	-0.947696091	0.343284192	0.920191602
<i>Gnaz</i>	-0.501052537	0.65299973	-0.76730895	0.442897849	0.948476747
<i>Rab36</i>	0.14094021	0.327636255	0.430172813	0.667069937	0.981863224
<i>Bcr</i>	-0.220466852	0.203218157	-1.084877725	0.277975815	0.901315669
<i>Specc1l</i>	0.002781919	0.186715524	0.014899236	0.98811257	0.998148029
<i>Adora2a</i>	-0.380568558	0.546616848	-0.696225444	0.486287656	0.957736773
<i>Upb1</i>	0.330923318	0.502871095	0.658067886	0.51049451	0.963452765
<i>Gucd1</i>	0.116536664	0.098204171	1.186677328	0.235354921	0.896002526
<i>Snrpd3</i>	0.408649832	0.124271353	3.288367137	0.001007703	0.240510037
<i>Lrrc75b</i>	0.790507869	0.552366834	1.431128409	0.152393417	0.852974739
<i>Ggt1</i>	0.251230329	0.774943966	0.324191606	0.745792977	0.988585656
<i>Ggt5</i>	0.257971065	0.292055981	0.883293209	0.377077872	0.928883222
<i>Susd2</i>	0.030089893	0.610881878	0.049256484	0.960714898	0.996474415
<i>Cabin1</i>	-0.203102535	0.226829313	-0.895398095	0.370574319	0.928436166
<i>Ddt</i>	0.074004779	0.185061041	0.399893884	0.689234677	0.98547461
<i>Gstt3</i>	0.082519147	0.168764626	0.488959971	0.624870036	0.976148792
<i>Gstt1</i>	0.090507996	0.115282279	0.785098945	0.432395558	0.9459793
<i>Gstt2</i>	0.220673938	0.23122537	0.954367326	0.339897739	0.919246575
<i>Mif</i>	-0.167996109	0.129551575	-1.296750811	0.19471694	0.879588734
<i>Derl3</i>	0.587732392	0.73360253	0.801159167	0.423039507	0.943509323
<i>Smarchb1</i>	-0.091400935	0.146641226	-0.623296311	0.533089822	0.96674935

<i>Mmp11</i>	-0.186768587	0.273633882	-0.6825492	0.494891744	0.959272191
<i>Chchd10</i>	-0.205912342	0.110414143	-1.864909115	0.062194145	0.726656275
<i>Gm867</i>	-0.079801093	0.150530101	-0.530133791	0.596019172	0.974001549
<i>Vpreb3</i>	-0.263532825	0.20494351	-1.285880315	0.198484835	0.880661448
<i>Gm5134</i>	1.851429057	2.413521401	0.767106957	0.443017926	0.948476747
<i>Zfp280b</i>	-0.059458939	0.305439946	-0.194666546	0.845654003	0.992886758
<i>Prmt2</i>	0.05814282	0.127609373	0.455631268	0.648655155	0.979004493
<i>S100b</i>	-0.309377506	0.347902286	-0.889265516	0.3738604	0.928840865
<i>Dip2a</i>	0.029568028	0.25388007	0.116464548	0.907284381	0.994688009
<i>Pcnt</i>	0.259581363	0.222662044	1.165808767	0.243691772	0.896939594
<i>2610028H24Rik</i>	-0.25029962	0.211312733	-1.184498523	0.236215781	0.896358698
<i>Ybey</i>	-0.075856174	0.313191615	-0.24220372	0.808622312	0.991020605
<i>Mcm3ap</i>	0.13206534	0.219866989	0.600660158	0.548066361	0.968738549
<i>Lss</i>	-0.143395939	0.232815184	-0.615921766	0.537946155	0.96674935
<i>Ftcd</i>	0.502227861	1.204702117	0.416889664	0.676759114	0.983549699
<i>Col6a2</i>	-0.231298233	0.19345537	-1.195615473	0.23184665	0.895404344
<i>Col6a1</i>	-0.055736585	0.151180094	-0.368676745	0.712368684	0.988585656
<i>Pcbp3</i>	0.035061069	0.19132984	0.183249349	0.854602375	0.992886758
<i>Slc19a1</i>	-0.110279944	0.326083447	-0.338195469	0.73521589	0.988585656
<i>Col18a1</i>	-0.226582817	0.241392604	-0.938648545	0.34791122	0.921552698
<i>Gm10941</i>	1.552417023	0.66714946	2.326940387	0.019968438	0.595248411
<i>Pofut2</i>	-0.044609222	0.136467563	-0.32688517	0.743754738	0.988585656
<i>Adarb1</i>	0.187516253	0.214096331	0.875849912	0.381111632	0.930523346
<i>Gm17769</i>	-0.041363624	1.470049555	-0.028137571	0.977552429	0.997262526
<i>Fam207a</i>	0.102733691	0.156186866	0.657761398	0.510691462	0.963452765
<i>Itgb2</i>	-0.008195723	0.184605596	-0.044395854	0.964588866	0.996474415
<i>Pttg1ip</i>	-0.20011647	0.081288201	-2.461814471	0.013823615	0.545277966
<i>Sumo3</i>	0.032133763	0.120124051	0.267504823	0.789080502	0.990988839
<i>Ube2g2</i>	0.087859967	0.141428558	0.62123215	0.534446889	0.96674935
<i>Tspear</i>	-1.414981494	1.845634715	-0.766663892	0.443281377	0.948476747
<i>1700009J07Rik</i>	0.174958598	1.954943219	0.089495488	0.928688139	0.994688009
<i>Lrrc3</i>	0.393735216	1.16939983	0.33669854	0.736344164	0.988585656
<i>Trpm2</i>	0.414233105	0.7344856	0.563977164	0.572769674	0.971613657
<i>1810043G02Rik</i>	0.106010666	0.162886045	0.650827186	0.515158049	0.964352198
<i>Pfkl</i>	0.009488886	0.17139277	0.055363395	0.955848958	0.99614946
<i>Dnmt3l</i>	0.662644085	0.670844363	0.987776184	0.323262274	0.91640698
<i>Icosl</i>	-0.159302819	0.23408899	-0.680522475	0.496173696	0.960178728
<i>D10Jhu81e</i>	0.041304297	0.093638649	0.441103089	0.659138367	0.979924124
<i>Pwp2</i>	-0.407857334	0.235756112	-1.729996863	0.083630836	0.76099108
<i>Trappc10</i>	-0.132852168	0.122984401	-1.080235925	0.280037135	0.903192609
<i>Agpat3</i>	-0.040919184	0.171998197	-0.237904727	0.811954989	0.991829202
<i>Rrp1</i>	0.01687654	0.170807477	0.098804456	0.921293531	0.994688009
<i>Cstb</i>	0.067729659	0.190356277	0.355804705	0.721986825	0.988585656
<i>Pdxk</i>	-0.114058565	0.245083684	-0.465386203	0.641654913	0.97813956
<i>Ilvbl</i>	-0.027203521	0.126958181	-0.214271512	0.830335332	0.992886758
<i>Syde1</i>	-0.026617279	0.23486386	-0.11333067	0.909768402	0.994688009
<i>Slc1a6</i>	1.524910261	1.607485373	0.948630878	0.342808381	0.919850248
<i>2610008E11Rik</i>	-0.024949826	0.134101036	-0.186052448	0.852403632	0.992886758
<i>Ppap2c</i>	-0.010887175	0.166437254	-0.06541309	0.947845102	0.995507207
<i>Mier2</i>	-0.141603118	0.287498891	-0.492534486	0.622341549	0.97514112
<i>Shc2</i>	-0.284608272	0.558522966	-0.509573086	0.610350583	0.974001549
<i>Tpgs1</i>	0.224749628	0.134463752	1.671451408	0.094632549	0.777748075
<i>Cdc34</i>	0.23672828	0.188214715	1.257756495	0.208479834	0.884258007
<i>Gzmm</i>	-0.148626174	0.36065514	-0.41210053	0.680265741	0.984207811
<i>Bsg</i>	0.009110704	0.100671985	0.090498902	0.927890766	0.994688009
<i>Hcn2</i>	-0.034376203	0.719348604	-0.047787961	0.961885231	0.996474415
<i>Polrmt</i>	-0.465132774	0.317137474	-1.466659768	0.142468632	0.840741274
<i>Rnf126</i>	-0.032286626	0.187118602	-0.17254632	0.86300805	0.992886758
<i>Fstl3</i>	0.534864974	0.385097279	1.388908733	0.164860505	0.859982992
<i>Prss57</i>	-0.541297061	1.936564454	-0.279514095	0.779850323	0.990988839
<i>Palm</i>	0.121218387	0.208978599	0.580051676	0.56187977	0.969658675
<i>Misp</i>	0.027476304	0.228679646	0.120151943	0.904362786	0.994688009

<i>E130317F20Rik</i>	0.750156034	0.583304685	1.286044932	0.198427381	0.880661448
<i>Ptbp1</i>	-0.154698538	0.116971102	-1.322536374	0.185989605	0.872305715
<i>Lppr3</i>	0.68193392	0.599882676	1.136778819	0.25563076	0.897044747
<i>Prtn3</i>	-0.631867742	0.886561732	-0.71271714	0.476020808	0.95716557
<i>Cfd</i>	-0.354972056	0.359978707	-0.986091812	0.324088061	0.91640698
<i>Med16</i>	-0.133051223	0.235149422	-0.565815649	0.571519108	0.971613657
<i>R3hdm4</i>	0.160284034	0.135047756	1.18686929	0.235279183	0.896002526
<i>Kiss1r</i>	-1.043284435	0.665796034	-1.566973039	0.117120994	0.812679331
<i>Arid3a</i>	0.741951048	0.326087047	2.275315914	0.022886985	0.620006604
<i>Wdr18</i>	-0.021935082	0.122267007	-0.179403115	0.857621185	0.992886758
<i>Grin3b</i>	0.773183099	1.397744445	0.553164852	0.580150532	0.971613657
<i>Tmem259</i>	0.016935852	0.10922881	0.155049313	0.876782441	0.992886758
<i>Cnn2</i>	-0.037843059	0.136861519	-0.276506203	0.782159296	0.990988839
<i>Abca7</i>	0.252955314	0.174979179	1.445630933	0.148280746	0.847956033
<i>Hmha1</i>	0.190357118	0.180276383	1.055918224	0.291005577	0.907334416
<i>Polr2e</i>	0.23293126	0.15286518	1.523769243	0.127566365	0.824941438
<i>Gpx4</i>	0.204165515	0.278261421	0.733718367	0.463120402	0.953083512
<i>Sbno2</i>	-0.279734304	0.1914021	-1.461500705	0.143878082	0.841934045
<i>Stk11</i>	0.088364752	0.181162993	0.48776381	0.625717148	0.97639266
<i>Dos</i>	-0.473660356	0.320647185	-1.477201043	0.139621754	0.836535783
<i>Atp5d</i>	-0.00399107	0.097848939	-0.040788074	0.967464847	0.996474415
<i>Midn</i>	0.096442223	0.239956953	0.401914687	0.687746814	0.98538669
<i>Cirbp</i>	0.341875663	0.206236036	1.657691204	0.09737981	0.78359791
<i>1600002K03Rik</i>	0.159264214	0.187624151	0.848847084	0.395966386	0.934066368
<i>Efna2</i>	0.164906592	0.518431238	0.318087684	0.750418425	0.988585656
<i>Mum1</i>	-0.122495879	0.230749569	-0.530860703	0.595515311	0.974001549
<i>Ndufs7</i>	0.239253717	0.115631841	2.069098909	0.038536806	0.679118604
<i>Gamt</i>	-0.160775376	0.284485307	-0.565144742	0.571975318	0.971613657
<i>Dazap1</i>	-0.047693183	0.151008748	-0.315830599	0.752131091	0.988585656
<i>Rps15</i>	0.275227768	0.241165348	1.141240936	0.253769674	0.897044747
<i>Apc2</i>	-0.005004983	0.950135865	-0.00526765	0.995797043	0.999285699
<i>2310011J03Rik</i>	0.311913575	0.133318741	2.339607858	0.019303997	0.592187315
<i>Pcsk4</i>	-0.740071077	0.462238715	-1.601058182	0.109364033	0.798400564
<i>Reep6</i>	-0.093107021	0.27836704	-0.334475738	0.738020596	0.988585656
<i>Adamts15</i>	-0.213629786	0.18616481	-1.147530437	0.251162461	0.896939594
<i>Plk5</i>	-0.767316403	0.453196876	-1.693119355	0.090432751	0.76980997
<i>Mex3d</i>	-0.17508472	0.221323385	-0.79108098	0.428896738	0.945321484
<i>Mbd3</i>	0.201749392	0.129843109	1.553793595	0.120233659	0.81558552
<i>Uqcr11</i>	0.516502756	0.251302693	2.055301319	0.03984991	0.679118604
<i>Tcf3</i>	0.113942683	0.15787211	0.72174042	0.470454086	0.95486913
<i>Rexo1</i>	-0.116689784	0.278279047	-0.419326519	0.674977519	0.983549699
<i>Klf16</i>	-0.136574345	0.21706706	-0.629180425	0.529230943	0.965637248
<i>Abhd17a</i>	0.048331725	0.100827155	0.479352264	0.631688047	0.977034429
<i>Adat3</i>	-0.938975864	0.941491489	-0.997328043	0.318605306	0.91640698
<i>Scamp4</i>	-0.28345794	0.205496443	-1.379381247	0.167777238	0.860602879
<i>Csnk1g2</i>	0.052847151	0.118917486	0.444401854	0.656752073	0.979614766
<i>Btbd2</i>	-0.149807196	0.171414099	-0.873949091	0.382145979	0.930767593
<i>Mknk2</i>	-0.163523019	0.202315145	-0.808258914	0.418941549	0.943415794
<i>Mob3a</i>	-0.191699966	0.145201203	-1.320236764	0.186755981	0.872686005
<i>Izumo4</i>	-0.000931232	0.173953966	-0.005353323	0.995728687	0.999285699
<i>Ap3d1</i>	-0.086510179	0.166746945	-0.518811179	0.603892422	0.974001549
<i>Dot1l</i>	0.024540154	0.370369619	0.06625855	0.947171983	0.995268179
<i>Plekhj1</i>	0.344743291	0.155874215	2.211676188	0.026989047	0.634942608
<i>Sf3a2</i>	0.008216167	0.348232325	0.023593925	0.981176518	0.997364526
<i>Lsm7</i>	0.550535671	0.265371051	2.074588277	0.038024709	0.679118604
<i>Sppl2b</i>	0.09918979	0.230725264	0.42990433	0.667265235	0.981863224
<i>Timm13</i>	0.366522317	0.170693035	2.147259939	0.031772593	0.661395937
<i>Lmnb2</i>	-0.077322496	0.274218879	-0.28197364	0.777963723	0.990988839
<i>Gadd45b</i>	0.217779229	0.115133132	1.891542647	0.058551944	0.72285319
<i>Gng7</i>	0.47661011	0.673007691	0.708179292	0.478833924	0.957463006
<i>Slc39a3</i>	0.226292748	0.129802514	1.743361828	0.081270432	0.760402486
<i>Sgta</i>	0.045384988	0.140673693	0.322625978	0.746978518	0.988585656

<i>Thop1</i>	0.020163973	0.231195461	0.08721613	0.930499718	0.994688009
<i>Map2k2</i>	-0.2334285	0.188064561	-1.241214715	0.21452644	0.886400046
<i>Zbtb7a</i>	0.045388283	0.307218441	0.147739449	0.882548397	0.992886758
<i>Pias4</i>	-0.256442408	0.264275319	-0.970360794	0.331866684	0.917115058
<i>Eef2</i>	0.125462805	0.130538014	0.961120833	0.336491416	0.919242242
<i>Dapk3</i>	0.145572716	0.128120806	1.136214487	0.255866809	0.897044747
<i>Atcayos</i>	-0.583049792	1.215452787	-0.479697606	0.63144243	0.977034429
<i>Nmrk2</i>	0.83950235	1.523208846	0.551140674	0.581537245	0.971915898
<i>Zfr2</i>	0.777145206	0.545185639	1.42546896	0.154021686	0.854159937
<i>Matk</i>	-0.348254141	0.591272321	-0.58899111	0.555867237	0.968926429
<i>Mrpl54</i>	0.304691325	0.198118408	1.537925372	0.124066863	0.820429191
<i>Apba3</i>	-0.288804572	0.191866001	-1.505241002	0.132262127	0.827800491
<i>Tjp3</i>	-0.048886101	0.220437962	-0.221768067	0.82449444	0.992886758
<i>Pip5k1c</i>	0.219549315	0.201004798	1.092259075	0.274719243	0.900302631
<i>Cactin</i>	0.100099568	0.317754384	0.315021831	0.752745078	0.988585656
<i>Tbxa2r</i>	-0.48874161	0.363404428	-1.344897232	0.178658424	0.867377413
<i>Gipc3</i>	-0.140159549	0.749774918	-0.1869355	0.851711205	0.992886758
<i>Hmg20b</i>	-0.028599514	0.124669632	-0.229402412	0.818556162	0.992734473
<i>Mfsd12</i>	0.285965662	0.268216476	1.066174853	0.286344608	0.905916508
<i>4930404N11Rik</i>	0.127786558	0.178058417	0.717666484	0.472962953	0.955346547
<i>Fzr1</i>	-0.032673085	0.21411213	-0.152598011	0.878715294	0.992886758
<i>Dohh</i>	0.299611303	0.143204359	2.09219402	0.036421163	0.677009445
<i>Smim24</i>	0.09348524	0.369604418	0.252933232	0.800319808	0.990988839
<i>Nfic</i>	-0.013225378	0.237996447	-0.055569645	0.955684647	0.99614946
<i>Celf5</i>	5.362527465	1.700511241	3.153479574	0.001613365	0.284736028
<i>Ncln</i>	-0.084158432	0.160427002	-0.524590192	0.599868107	0.974001549
<i>S1pr4</i>	0.075706817	0.180069064	0.42043211	0.674169815	0.983375962
<i>Gna15</i>	-0.199234741	0.329594165	-0.604485035	0.545521215	0.967491297
<i>Gna11</i>	-0.013278435	0.096459287	-0.13765844	0.890510367	0.993043931
<i>Aes</i>	0.077235534	0.129861658	0.594752408	0.552008984	0.968926429
<i>Tle2</i>	-0.426239557	0.23740005	-1.795448475	0.072582275	0.747194706
<i>Tle6</i>	0.040910695	0.286891028	0.142600119	0.886606003	0.992886758
<i>BC025920</i>	0.670901709	0.671770919	0.998706091	0.317937089	0.91640698
<i>Sirt6</i>	0.367918999	0.336145525	1.094522972	0.273725678	0.899400109
<i>Ankrd24</i>	0.550861753	0.257943942	2.135587087	0.032713085	0.665167506
<i>Gm10778</i>	-0.29098601	0.471033147	-0.617761217	0.536732752	0.96674935
<i>Zfp433</i>	0.392952541	0.246537011	1.593888644	0.110960978	0.800111791
<i>Zfp781</i>	-0.025337618	0.258230817	-0.098120041	0.921836974	0.994688009
<i>Zfp873</i>	-0.028547005	0.226664683	-0.125943772	0.899776434	0.994492948
<i>AU041133</i>	0.276333742	0.263875441	1.04721281	0.295001439	0.90740175
<i>Zfp938</i>	0.401152295	0.174205078	2.302758909	0.021292412	0.60743619
<i>1190007I07Rik</i>	0.229119607	0.208683293	1.097929805	0.272235142	0.898370293
<i>Glt8d2</i>	-0.03638437	0.176790812	-0.205804642	0.836943515	0.992886758
<i>Hcfc2</i>	-0.382669734	0.199294766	-1.920119331	0.054842828	0.71121434
<i>Nfyb</i>	0.046523281	0.119181447	0.390356737	0.696272774	0.987490725
<i>Txnrd1</i>	-0.124839924	0.120273969	-1.037962952	0.299287303	0.910105802
<i>Chst11</i>	-0.126944526	0.300033583	-0.423101055	0.672221533	0.983233856
<i>Slc41a2</i>	0.191178296	0.26260745	0.728000275	0.466613418	0.953083512
<i>D10Wsu102e</i>	0.133615447	0.190071394	0.702975046	0.482071301	0.957463006
<i>Aldh1l2</i>	1.062089443	0.871190817	1.219123782	0.222797215	0.892391445
<i>A230046K03Rik</i>	-0.202702549	0.148591839	-1.364156676	0.17251826	0.86244803
<i>Appl2</i>	-0.271498899	0.116486777	-2.330727191	0.019767749	0.594379457
<i>1500009L16Rik</i>	-0.10994102	0.356144908	-0.308697437	0.757551694	0.989266039
<i>Nuak1</i>	-0.01157788	0.331535405	-0.034922003	0.972141935	0.996750504
<i>Ckap4</i>	-0.370120794	0.213391239	-1.734470427	0.082834649	0.76099108
<i>Platr7</i>	-1.193700173	1.932266267	-0.617772091	0.536725583	0.96674935
<i>Tcp1l12</i>	-0.04666163	0.163587326	-0.285239882	0.775460367	0.990861469
<i>Polr3b</i>	-0.092074294	0.232124345	-0.396659358	0.691618674	0.986454135
<i>Ric8b</i>	-0.364132092	0.156194057	-2.331280074	0.019738596	0.594379457
<i>Fhl4</i>	0.927271976	0.768982857	1.205842195	0.227878342	0.894410876
<i>Tmem263</i>	-0.073106347	0.136708438	-0.534761042	0.592815106	0.974001549
<i>Mterf2</i>	0.325043357	0.256054661	1.269429569	0.204287896	0.883765092

<i>Cry1</i>	-0.221391169	0.20680703	-1.07052052	0.284385077	0.905916508
<i>Btbd11</i>	0.533898376	0.842425854	0.633763048	0.526235472	0.965637248
<i>Pwp1</i>	-0.080372332	0.158168598	-0.508143419	0.611352767	0.974001549
<i>Prdm4</i>	-0.133256644	0.194896862	-0.68372904	0.494146282	0.958916246
<i>Ascl4</i>	-0.823206448	1.590852463	-0.517462472	0.604833359	0.974001549
<i>Rtcb</i>	-0.226012161	0.16057207	-1.407543421	0.159266311	0.856502327
<i>Fbxo7</i>	-0.113363471	0.178563807	-0.634862535	0.525518074	0.965637248
<i>Syn3</i>	1.019426953	0.690942748	1.475414506	0.140101138	0.837580108
<i>Timp3</i>	-0.2116051	0.120196523	-1.760492685	0.078324307	0.754732183
<i>1810014B01Rik</i>	0.093271673	0.253503025	0.367931204	0.712924533	0.988585656
<i>Hsp90b1</i>	-0.161643954	0.118440988	-1.364763637	0.172327351	0.862444803
<i>Ttc41</i>	0.241444519	0.409243873	0.589977114	0.555205993	0.968926429
<i>Nt5dc3</i>	-0.199402558	0.323967151	-0.615502398	0.538222986	0.96674935
<i>Stab2</i>	-0.145800379	1.05009991	-0.138844293	0.889573192	0.993043931
<i>Ascl1</i>	1.578527992	1.120006818	1.409391413	0.158719462	0.855986074
<i>Igf1</i>	-0.45425474	0.308556535	-1.472192903	0.140968793	0.839692626
<i>Parpbp</i>	-1.371518888	0.823639312	-1.665193573	0.095874143	0.77993878
<i>Nup37</i>	0.199459641	0.189650677	1.051721218	0.292927473	0.907334416
<i>Ccdc53</i>	0.149155839	0.154039995	0.968292933	0.332898093	0.917115058
<i>Dram1</i>	-0.097050939	0.090537873	-1.071937473	0.283748117	0.905916508
<i>Gnptab</i>	-0.11247838	0.138876348	-0.809917471	0.41798761	0.943415794
<i>Sycp3</i>	-0.166909613	0.252747489	-0.660380896	0.509009429	0.963452765
<i>Chpt1</i>	-0.013000652	0.16060439	-0.080948295	0.935483072	0.994688009
<i>Spic</i>	-0.17033006	1.384822422	-0.122997763	0.90210887	0.994688009
<i>Gm4925</i>	1.019475949	0.775249613	1.31502929	0.188500059	0.874826736
<i>Arl1</i>	0.216243203	0.165221602	1.308807081	0.190599708	0.877833971
<i>Utp20</i>	0.190649186	0.287864515	0.662287904	0.507786728	0.963106419
<i>Slc5a8</i>	-0.552953344	0.418043123	-1.322718432	0.185929032	0.872305715
<i>Gas2l3</i>	-0.216944514	0.82597483	-0.262652693	0.792818282	0.990988839
<i>Nr1h4</i>	0.162074377	1.336838456	0.121237069	0.903503264	0.994688009
<i>Scyl2</i>	-0.531173789	0.193732403	-2.741791159	0.006110518	0.427133716
<i>1500026H17Rik</i>	0.466697987	0.424017482	1.100657417	0.271045786	0.89804647
<i>Actr6</i>	0.347760237	0.193553889	1.796710151	0.072381647	0.74633396
<i>Uhrf1bp1l</i>	-0.011797697	0.161631622	-0.072991265	0.941813068	0.994688009
<i>Anks1b</i>	-0.506441233	1.363854498	-0.371330837	0.710391132	0.988585656
<i>Apaf1</i>	0.119930814	0.185490124	0.646561722	0.517915638	0.964437658
<i>Ikbip</i>	0.108234417	0.10776176	1.004386126	0.315192535	0.91586731
<i>Slc25a3</i>	-0.162620313	0.090021512	-1.806460581	0.070846426	0.744227652
<i>Tmpo</i>	0.052746975	0.083146994	0.634382229	0.525831405	0.965637248
<i>Nedd1</i>	0.07122079	0.164772423	0.43223732	0.665568938	0.981727712
<i>Cdk17</i>	0.016651114	0.123511318	0.134814479	0.892758558	0.993300147
<i>Elk3</i>	-0.160957884	0.174125414	-0.924379049	0.355288999	0.924354588
<i>Gm17745</i>	0.734713677	0.698483486	1.051869789	0.292859294	0.907334416
<i>Mir7688</i>	1.226471192	1.167622235	1.050400683	0.293533932	0.907334416
<i>Lta4h</i>	-0.263700323	0.191966145	-1.373681402	0.169540613	0.861597949
<i>Hal</i>	1.214598594	0.878199361	1.383055658	0.166647801	0.860403806
<i>Amdhd1</i>	-0.250441685	0.857146371	-0.292180768	0.770148415	0.989990452
<i>Ccdc38</i>	1.471194491	1.101144683	1.336059206	0.181529922	0.868446884
<i>Ntn4</i>	-0.154218315	0.18657144	-0.826591221	0.408468795	0.940123943
<i>Gm15915</i>	-1.192234348	1.32048334	-0.902877236	0.366591053	0.927866786
<i>Usp44</i>	1.247849737	0.899937437	1.386596096	0.165564959	0.860011234
<i>Metap2</i>	-0.054062818	0.130870283	-0.413102325	0.679531646	0.983903958
<i>Vezt</i>	0.043487265	0.127613996	0.340771908	0.7332753	0.988585656
<i>Fgd6</i>	-0.680896702	0.256166189	-2.658027213	0.007859955	0.45506991
<i>Nr2c1</i>	-0.325319547	0.255973527	-1.27091091	0.203760345	0.88349335
<i>Ndufa12</i>	0.491559585	0.140078405	3.509174622	0.0004495	0.141134255
<i>Tmcc3</i>	-0.113193446	0.1528963	-0.74032822	0.459100861	0.952683168
<i>Cep83os</i>	0.143021562	0.240647053	0.594320851	0.552297535	0.968926429
<i>Cep83</i>	-0.091181657	0.126473751	-0.72095321	0.470938304	0.95486913
<i>Plxnc1</i>	-0.000917028	0.183769419	-0.004990102	0.996018491	0.999323659
<i>Gm29684</i>	0.612772313	1.382299322	0.443299293	0.657549267	0.979614766
<i>Cradd</i>	0.304040791	0.179410076	1.694669542	0.090138127	0.769347579

2310039L15Rik	0.754912482	1.00147112	0.753803546	0.450967194	0.949134998
Socs2	-0.382781042	0.13586986	-2.817262355	0.004843494	0.395398661
5730420D15Rik	0.9450915	1.322138088	0.714820569	0.474719924	0.956387791
Mrpl42	0.009177281	0.161629181	0.056779854	0.954720562	0.996070133
Ube2n	0.043092551	0.111106285	0.387849808	0.698127184	0.987722923
Nudt4	-0.155433247	0.082000899	-1.895506623	0.058025315	0.72285319
Eea1	-0.112294028	0.208734627	-0.537975083	0.590594251	0.974001549
Btg1	-0.157885838	0.097822124	-1.614009506	0.106525364	0.794899279
Dcn	-0.119598176	0.142415037	-0.839786147	0.401028302	0.937512756
Lum	-0.171366417	0.266517791	-0.64298303	0.520235111	0.964665379
Atp2b1	-0.096694589	0.135997855	-0.711000839	0.477083716	0.95716557
Poc1b	0.04504676	0.26598149	0.169360508	0.865513084	0.992886758
Galnt4	0.002641442	0.179037327	0.014753583	0.988228771	0.998148029
Dusp6	-0.120180968	0.163857496	-0.733448093	0.463285176	0.953083512
Gm20110	-0.087792783	1.604222662	-0.054726058	0.956356709	0.996173928
Kitl	-0.060019258	0.103643877	-0.57909121	0.562527631	0.969658675
Tmtc3	-0.376878885	0.265087743	-1.421713734	0.155109371	0.855261441
Cep290	0.029401083	0.300340119	0.097892627	0.922017555	0.994688009
4930430F08Rik	0.193131292	0.261489962	0.738580135	0.46016199	0.953083512
Nts	-0.341853776	0.503000531	-0.679629056	0.496739367	0.960362776
Rassf9	-0.220837934	0.176459042	-1.251496844	0.210753264	0.884340413
Lrriq1	-0.617027318	0.346149823	-1.782544084	0.074660549	0.75241101
Slc6a15	-0.53332935	0.291984687	-1.826566166	0.067765024	0.742385562
Tmtc2	-0.079352463	0.148873261	-0.533020251	0.594019562	0.974001549
Gm15663	0.132315668	0.433848357	0.304981375	0.760380337	0.989266039
Mettl25	0.18566814	0.187906687	0.988086927	0.323110078	0.91640698
Ccdc59	-0.016246551	0.107864903	-0.150619442	0.880275924	0.992886758
Ppfia2	0.865154655	1.456687964	0.593918997	0.552566292	0.968926429
Acss3	0.060214116	0.277792796	0.216759097	0.82839609	0.992886758
Lin7a	-1.182330929	1.891078962	-0.625214997	0.53182996	0.966606934
Ptpqr	0.985085335	1.078631465	0.913273316	0.361098813	0.926251807
Ppp1r12a	-0.396759152	0.227043824	-1.747500307	0.080550592	0.758011246
Pawr	-0.140949923	0.146912865	-0.959411706	0.33735138	0.919246575
Syt1	1.336364751	1.854655649	0.720546022	0.471188874	0.95486913
E2f7	0.724424364	1.397236407	0.518469431	0.604130783	0.974001549
Csrp2	0.156981613	0.18125055	0.866102823	0.386433777	0.932501372
Zdhhc17	0.12427667	0.191915047	0.647560848	0.517269027	0.964352198
Osbp18	0.012965318	0.147017318	0.08818905	0.92972642	0.994688009
Bbs10	0.451159163	0.283860695	1.589368205	0.111977288	0.801067615
Nap1l1	0.226155201	0.12639785	1.789232972	0.073577304	0.748833631
Phlda1	-0.323524274	0.129285243	-2.502406814	0.012335209	0.525888996
4933440J02Rik	0.419486696	1.727010084	0.242897653	0.808084684	0.99099448
Krr1	-0.135562079	0.158759355	-0.853884036	0.393169245	0.933734231
Glipr1	0.05900574	0.19807992	0.29788855	0.765788227	0.989884648
Caps2	-0.165875113	0.339663408	-0.488351437	0.625300934	0.976218048
Kcnc2	0.686364396	1.457577802	0.470893831	0.637716553	0.977468848
Atxn7l3b	-0.195113147	0.108359535	-1.800608941	0.071764539	0.744227652
Tbc1d15	-0.098447459	0.13467969	-0.730974798	0.464794546	0.953083512
Rab21	-0.11902018	0.111479543	-1.067641446	0.285682281	0.905916508
Tmem19	-0.086237506	0.128124014	-0.673078396	0.500897418	0.961175273
Thap2	-0.173004544	0.227518913	-0.760396316	0.447017725	0.948476747
Zfc3h1	-0.107375211	0.168965609	-0.635485598	0.525111756	0.965637248
Lgr5	-0.751183748	2.167233887	-0.346609451	0.728884745	0.988585656
Tspan8	0.090507337	0.102862459	0.879886971	0.378920544	0.929137643
Ptprr	0.464797119	0.326598397	1.423145745	0.15469391	0.854973821
Ptprb	-0.043122394	0.127213947	-0.338975363	0.73462829	0.988585656
Kcnmb4	0.795488068	1.536609234	0.517690543	0.604674198	0.974001549
Kcnmb4os2	1.437396658	0.875859726	1.641126559	0.100771147	0.788783372
Cnot2	-0.157261159	0.16766656	-0.937939915	0.348275289	0.921552698
Rab3ip	-0.021797878	0.149687978	-0.145622105	0.884219717	0.992886758
4933412E12Rik	-0.087257722	0.259127404	-0.336736756	0.736315352	0.988585656
D630029K05Rik	-0.114133774	0.479965333	-0.237795869	0.812039422	0.991836551

<i>Best3</i>	0.019122697	0.853066919	0.02241641	0.982115791	0.997390438
<i>Lrrc10</i>	0.931828964	1.09769183	0.848898514	0.395937766	0.934066368
<i>Cct2</i>	0.018101546	0.083883941	0.215792745	0.829149304	0.992886758
<i>Frs2</i>	-0.060347032	0.17486075	-0.345114795	0.730008071	0.988585656
<i>Yeats4</i>	0.149142393	0.141211994	1.056159532	0.290895336	0.907334416
<i>9530003J23Rik</i>	-0.163784027	0.583841222	-0.280528372	0.779072162	0.990988839
<i>Lyz2</i>	0.139381894	0.250089802	0.557327381	0.577303771	0.971613657
<i>Lyz1</i>	0.710963247	0.509985345	1.394085642	0.163291744	0.859982992
<i>Cpsf6</i>	-0.188428387	0.133946156	-1.406747254	0.159502348	0.856630464
<i>Cpm</i>	-0.238697601	0.156428878	-1.525917743	0.127030351	0.824450458
<i>Mdm2</i>	-0.039290936	0.114138244	-0.344239887	0.730665888	0.988585656
<i>Slc35e3</i>	-0.10849061	0.169222899	-0.641110691	0.521450769	0.964946923
<i>Nup107</i>	-0.203618875	0.276778555	-0.735674318	0.461928923	0.953083512
<i>Rap1b</i>	0.251426951	0.172318582	1.459082054	0.144542525	0.841977044
<i>4933411E08Rik</i>	0.306031894	0.997217637	0.306885762	0.758930327	0.989266039
<i>Mdm1</i>	-0.376466569	0.137277341	-2.742379523	0.006099582	0.427133716
<i>Ifng</i>	1.121358559	0.92543774	1.211706105	0.225624901	0.89336109
<i>Tmevpg1</i>	0.493550134	1.678576498	0.294028979	0.76873576	0.989990452
<i>Dyrk2</i>	0.094487723	0.282150888	0.334883664	0.737712845	0.988585656
<i>Gm38403</i>	-0.247902633	1.317185978	-0.188206249	0.850714974	0.992886758
<i>Cand1</i>	-0.230104814	0.134823742	-1.70670841	0.087876263	0.7667678
<i>Grip1</i>	-0.003892427	0.387890768	-0.010034854	0.991993479	0.998783765
<i>Helb</i>	0.613331311	0.307148007	1.996859157	0.045840485	0.696869274
<i>Irak3</i>	-0.334645371	0.310053523	-1.07931485	0.280447395	0.903192609
<i>Tmbim4</i>	0.049045	0.106897856	0.458802462	0.646376026	0.979004493
<i>Llph</i>	0.296612982	0.151842012	1.953431583	0.050768477	0.707153766
<i>Hmga2</i>	1.802190312	1.072376271	1.680557806	0.092848837	0.77525594
<i>4921513I03Rik</i>	1.971679	2.181232309	0.903928936	0.366033085	0.927408779
<i>Msrb3</i>	-0.058803936	0.118505435	-0.496212987	0.619744149	0.974471036
<i>Gm15910</i>	-0.581355544	1.486095125	-0.391196724	0.69565183	0.98715859
<i>Lemd3</i>	-0.210543834	0.208765977	-1.008516028	0.313206797	0.915126588
<i>Wif1</i>	-0.145661675	0.238592916	-0.610502931	0.541528702	0.967239812
<i>Tbc1d30</i>	-0.064333012	0.281209982	-0.228772149	0.819046014	0.992886758
<i>Gns</i>	-0.099756278	0.183851343	-0.542592055	0.587410711	0.973455044
<i>Rassf3</i>	-0.172258907	0.093625394	-1.839873778	0.065786771	0.738213474
<i>Tbk1</i>	0.094300499	0.102415546	0.920763522	0.357173904	0.924354588
<i>Xpot</i>	-0.23570501	0.104994802	-2.244920753	0.02477322	0.627796923
<i>D930020B18Rik</i>	-0.384550497	0.547080444	-0.702913988	0.482109353	0.957463006
<i>BC048403</i>	-0.03180302	0.28472277	-0.111698197	0.911062709	0.994688009
<i>Srgap1</i>	-0.169839871	0.63837923	-0.266048554	0.790201816	0.990988839
<i>Gm9079</i>	0.181899525	0.591003062	0.30778102	0.758248965	0.989266039
<i>Tmem5</i>	0.119130808	0.142330903	0.836998894	0.402593189	0.937834293
<i>Avpr1a</i>	0.056781403	0.5314703	0.106838337	0.914917233	0.994688009
<i>A130077B15Rik</i>	0.81130445	0.858380029	0.94515765	0.344578397	0.921226705
<i>Ppm1h</i>	0.02433627	0.20467907	0.118899651	0.905354858	0.994688009
<i>Mirlet7i</i>	-1.283480612	2.386610842	-0.537783785	0.590726328	0.974001549
<i>Mon2</i>	-0.113781819	0.179331411	-0.634477911	0.525768978	0.965637248
<i>Usp15</i>	-0.10905906	0.177406816	-0.614739964	0.538726463	0.966875138
<i>Fam19a2</i>	0.267218001	1.527276164	0.174963773	0.861108099	0.992886758
<i>Slc16a7</i>	-0.193509603	0.225879025	-0.85669576	0.391613047	0.933734231
<i>Lrig3</i>	0.503333931	0.494037249	1.018817777	0.308289485	0.9139204
<i>Xrcc6bp1</i>	0.090862627	0.252064	0.360474431	0.718492375	0.988585656
<i>Ctdsp2</i>	-0.185740448	0.180672889	-1.028048256	0.303927129	0.911786415
<i>Avil</i>	1.087686263	0.953231967	1.141050972	0.253848712	0.897044747
<i>Tsfm</i>	0.102100523	0.184614864	0.553046058	0.580231872	0.971613657
<i>Mettl1</i>	0.060535296	0.151169974	0.400445234	0.688828613	0.98538669
<i>Mar-09</i>	-0.543739182	0.337622148	-1.610496189	0.107289577	0.796597053
<i>Cdk4</i>	-0.038325957	0.087641022	-0.437306139	0.661889344	0.980647283
<i>Tspan31</i>	0.030588731	0.125499756	0.243735379	0.807435771	0.99099448
<i>LOC100504703</i>	-0.06000469	0.340567052	-0.176190533	0.860144258	0.992886758
<i>Agap2</i>	0.484697826	0.876240076	0.553156423	0.580156303	0.971613657
<i>Os9</i>	-0.050878822	0.176542165	-0.288196432	0.77319638	0.990730604

<i>B4galnt1</i>	-0.111452687	0.190361184	-0.585480113	0.558224935	0.968926429
<i>Slc26a10</i>	0.439230433	0.667507	0.65801622	0.510527709	0.963452765
<i>Arhgef25</i>	0.082361212	0.166351968	0.495102117	0.62052804	0.975013118
<i>Dtx3</i>	-0.22270576	0.16141862	-1.379678259	0.16768573	0.860403806
<i>F420014N23Rik</i>	-0.234577355	0.966530476	-0.242700423	0.80823748	0.991020605
<i>Pip4k2c</i>	-0.042890764	0.19752617	-0.217139653	0.828099512	0.992886758
<i>Kif5a</i>	-0.513309849	0.864335247	-0.593878187	0.55259359	0.968926429
<i>Dctn2</i>	0.031006474	0.093431975	0.331861482	0.739993856	0.988585656
<i>Mbd6</i>	-0.443885951	0.308869387	-1.437131585	0.150680608	0.850090631
<i>Ddit3</i>	0.018159152	0.13658128	0.132954911	0.894229039	0.993422442
<i>Mars</i>	0.01446051	0.138267096	0.104583885	0.916706003	0.994688009
<i>Arhgap9</i>	0.256477518	0.175678553	1.459925033	0.144310678	0.841934045
<i>Gli1</i>	-0.385781485	0.519370857	-0.742786162	0.457611155	0.952204734
<i>R3hdm2</i>	-0.041848324	0.222375162	-0.188187942	0.850729325	0.992886758
<i>Stac3</i>	0.67159555	1.115530495	0.602041408	0.547146574	0.968115622
<i>Ndufa4l2</i>	-0.005821366	0.226728778	-0.025675461	0.979516196	0.997262526
<i>Shmt2</i>	0.063834513	0.225558671	0.283006247	0.777172048	0.990861469
<i>Lrp1</i>	0.048396286	0.220693676	0.219291675	0.826422847	0.992886758
<i>Stat6</i>	-0.329795175	0.178431358	-1.848302777	0.064558554	0.73299549
<i>Nab2</i>	-0.025727798	0.266230048	-0.096637468	0.923014301	0.994688009
<i>1700012D01Rik</i>	0.553004881	0.368463469	1.500840456	0.133396832	0.827800491
<i>Tmem194</i>	-0.174906903	0.274977307	-0.636077592	0.52472585	0.965637248
<i>Myo1a</i>	0.978255655	1.967818116	0.497127071	0.619099446	0.974471036
<i>Zbtb39</i>	0.022826155	0.26592226	0.0858377	0.931595437	0.994688009
<i>Gpr182</i>	-0.24279804	0.219970709	-1.103774414	0.269691006	0.89804647
<i>Rdh9</i>	-0.545782079	0.648245623	-0.841937161	0.399823128	0.936395796
<i>BC089597</i>	0.870561363	1.681110737	0.51784891	0.60456369	0.974001549
<i>Sdr9c7</i>	0.032457072	2.095239109	0.015490868	0.98764057	0.998148029
<i>Prim1</i>	0.698464499	0.219543469	3.181440574	0.001465446	0.278213188
<i>Naca</i>	0.194542687	0.177007777	1.099062937	0.271740615	0.89804647
<i>Ptges3</i>	-0.029149678	0.148296774	-0.196563131	0.844169425	0.992886758
<i>Atp5b</i>	-0.030214495	0.083958692	-0.359873337	0.718941857	0.988585656
<i>Baz2a</i>	0.071053482	0.167326046	0.424640893	0.671098478	0.982677283
<i>Rbms2</i>	-0.012964805	0.098036886	-0.132244152	0.894791179	0.993556555
<i>Gls2</i>	-0.032741579	0.687697162	-0.047610462	0.962026694	0.996474415
<i>Spryd4</i>	0.144917936	0.173796999	0.833834513	0.404374244	0.938127315
<i>Timeless</i>	0.036484553	0.167225578	0.218175674	0.827292238	0.992886758
<i>Apon</i>	3.621441221	3.318957615	1.091138135	0.275212105	0.900302631
<i>Apof</i>	0.753458828	4.733791417	0.159166039	0.87353806	0.992886758
<i>Stat2</i>	0.195969316	0.164264955	1.193007461	0.232866451	0.89581803
<i>Pan2</i>	-0.174646331	0.187130485	-0.93328637	0.350672131	0.922338606
<i>Cnpy2</i>	0.32002358	0.183635946	1.742706625	0.081384874	0.760884566
<i>Cs</i>	-0.250093557	0.103452666	-2.417468457	0.015628888	0.557315333
<i>Coq10a</i>	0.051706226	0.160035254	0.323092722	0.746625022	0.988585656
<i>Ankrd52</i>	-0.216432344	0.409159317	-0.528968388	0.596827379	0.974001549
<i>Nabp2</i>	0.217477245	0.109387764	1.988131365	0.046797163	0.698868643
<i>Rnf41</i>	0.107892662	0.128992611	0.836425141	0.402915774	0.937834293
<i>Smarcc2</i>	-0.119017094	0.179913589	-0.661523648	0.508276554	0.963324595
<i>Myl6</i>	0.235055719	0.130474367	1.801547116	0.071616688	0.744227652
<i>Myl6b</i>	0.237627124	0.455201502	0.522026231	0.601652067	0.974001549
<i>A430046D13Rik</i>	0.233018537	0.227275274	1.025270072	0.305235773	0.912948451
<i>Esyt1</i>	0.046412086	0.180808113	0.2566925	0.797416162	0.990988839
<i>Zc3h10</i>	-0.058981325	0.223140763	-0.264323398	0.791530732	0.990988839
<i>Rpl41</i>	0.301652988	0.332599368	0.906955988	0.364430072	0.926556975
<i>Pa2g4</i>	-0.009601308	0.117817271	-0.081493214	0.935049721	0.994688009
<i>Erbb3</i>	0.262375059	0.413981147	0.633785042	0.526221116	0.965637248
<i>Rps26</i>	-0.002942339	0.104646297	-0.028116995	0.97756884	0.997262526
<i>Ikzf4</i>	0.090770426	0.84497035	0.107424392	0.914452305	0.994688009
<i>Suox</i>	-0.237997788	0.200546956	-1.186743456	0.235328828	0.896002526
<i>Rab5b</i>	-0.177470632	0.113309835	-1.566242081	0.117291955	0.812881672
<i>Cdk2</i>	-0.257894701	0.183890479	-1.402436398	0.160784971	0.857316691
<i>Pmel</i>	-1.628956895	1.179334962	-1.381250406	0.167201981	0.860403806

<i>Dgka</i>	-0.054054973	0.216668716	-0.249482132	0.802987861	0.990988839
<i>Wibg</i>	0.246168226	0.124362056	1.979448026	0.047765586	0.701952043
<i>Mmp19</i>	-0.544797963	0.329857534	-1.651615946	0.098612867	0.786907305
<i>Tmem198b</i>	0.125829834	0.341518571	0.368442142	0.712543579	0.988585656
<i>Dnajc14</i>	0.155465653	0.100771249	1.54275803	0.122889496	0.817788082
<i>Ormdl2</i>	0.359784683	0.168669015	2.133081072	0.032918076	0.665167506
<i>Sarnp</i>	0.1932433	0.14313896	1.35003985	0.177003201	0.866546104
<i>Gdf11</i>	-0.067769525	0.910986444	-0.074391365	0.94069898	0.994688009
<i>Cd63</i>	0.152894351	0.171695506	0.890497107	0.373199021	0.928840865
<i>Rdh5</i>	-0.009825401	0.529680628	-0.01854967	0.985200354	0.998148029
<i>Bloc1s1</i>	0.329378767	0.169380086	1.944613288	0.051821539	0.707153766
<i>Itga7</i>	-0.184431427	0.221928973	-0.831038081	0.405952117	0.939557159
<i>Mettl7b</i>	-3.420901167	3.935481791	-0.869245838	0.384712681	0.931689378
<i>Mir684-1</i>	-0.538659438	0.791222176	-0.680794162	0.496001745	0.96007684
<i>Tespa1</i>	0.403887271	0.360276778	1.121047193	0.262267775	0.897248195
<i>Sfi1</i>	0.008389967	0.182771986	0.04590401	0.963386758	0.996474415
<i>Eif4enif1</i>	-0.114581592	0.176183633	-0.650353214	0.515464091	0.964352198
<i>Drg1</i>	0.177700719	0.155704619	1.141268127	0.253758361	0.897044747
<i>Patz1</i>	-0.05111075	0.188265271	-0.271482625	0.786019861	0.990988839
<i>Gm11944</i>	-1.127902356	1.128950232	-0.999071814	0.317759904	0.91640698
<i>Pik3ip1</i>	-0.379903957	0.153863122	-2.469103396	0.013545207	0.540715407
<i>Limk2</i>	-0.061298167	0.144587364	-0.423952445	0.671600495	0.982910363
<i>Rnf185</i>	-0.112691385	0.184804071	-0.609788434	0.542001964	0.967491297
<i>8430429K09Rik</i>	-0.074248636	0.322511438	-0.230220163	0.817920695	0.992734473
<i>Inpp5j</i>	-0.149779574	1.067854852	-0.140262109	0.888452901	0.992886758
<i>Selm</i>	0.246993494	0.17537185	1.408398743	0.159013031	0.855986074
<i>Smtn</i>	-0.273950208	0.247520514	-1.106777789	0.268390014	0.89804647
<i>Tug1</i>	-0.162521755	0.162701203	-0.998897071	0.317844555	0.91640698
<i>Morc2a</i>	-0.034172696	0.152838397	-0.223587115	0.823078591	0.992886758
<i>Osbp2</i>	2.06092684	1.364427148	1.510470414	0.130923433	0.827800491
<i>4921536K21Rik</i>	-0.381337434	0.556180178	-0.685636506	0.492942355	0.958916246
<i>Dusp18</i>	-0.124831082	0.211746875	-0.589529749	0.555505962	0.968926429
<i>Slc35e4</i>	-0.065368135	0.161069917	-0.405837021	0.684862355	0.985105247
<i>Tcn2</i>	-0.389664643	0.134606051	-2.89485234	0.003793369	0.376754331
<i>Pes1</i>	-0.035871407	0.117696082	-0.304779963	0.760533743	0.989266039
<i>Gal3st1</i>	-0.423365299	0.212399952	-1.993245736	0.046234545	0.698098452
<i>Sec14l4</i>	-0.114536798	0.145208267	-0.788776012	0.430242932	0.945321484
<i>Sec14l3</i>	-0.2294108	0.115488841	-1.986432602	0.04698531	0.698868643
<i>Mtfp1</i>	-0.028863934	0.265830434	-0.108580245	0.913535431	0.994688009
<i>Sec14l2</i>	-0.307435515	0.259726338	-1.183690178	0.236535728	0.896358698
<i>Rnf215</i>	-0.365456055	0.124988591	-2.923915305	0.003456588	0.368965929
<i>Mir3060</i>	1.084119941	2.036547663	0.532332221	0.59449592	0.974001549
<i>Ccdc157</i>	-0.207165844	0.191814999	-1.080029431	0.280129075	0.903192609
<i>Sf3a1</i>	-0.0538402	0.181703156	-0.296308559	0.76699445	0.989884648
<i>Tbc1d10a</i>	-0.146202143	0.131490866	-1.111880602	0.26618949	0.89768067
<i>Gatsl3</i>	-0.008496199	0.223915394	-0.03794379	0.969732499	0.996628386
<i>Osm</i>	0.646469688	0.69705534	0.927429504	0.353703578	0.92416951
<i>Lif</i>	0.083166617	0.508927046	0.163415597	0.870191223	0.992886758
<i>Mtnr3</i>	-0.169407867	0.144840654	-1.169615453	0.242155756	0.896939594
<i>Gm11961</i>	1.55872287	1.908174178	0.816866137	0.414004931	0.943415794
<i>Ascc2</i>	-0.053854116	0.263551824	-0.20433976	0.838088001	0.992886758
<i>Uqcr10</i>	0.348175825	0.273028415	1.275236593	0.202225513	0.881638438
<i>Zmat5</i>	0.159324106	0.129142059	1.233711985	0.217310246	0.887633697
<i>Nf2</i>	-0.166458004	0.162757064	-1.022739041	0.306431247	0.913641886
<i>Nipsnap1</i>	0.084045833	0.186706138	0.450150346	0.652602037	0.979004493
<i>Thoc5</i>	0.214445429	0.179222947	1.196528861	0.231490243	0.895404344
<i>Ap1b1</i>	-0.068492256	0.233647478	-0.293143572	0.769412413	0.989990452
<i>Gas2l1</i>	-0.305452043	0.203891769	-1.498108751	0.134104998	0.827800491
<i>Rasl10a</i>	0.529043364	0.367091108	1.441177277	0.149534606	0.848779008
<i>Ewsr1</i>	-0.043249909	0.153087702	-0.282517203	0.777546957	0.990988839
<i>Rhbdd3</i>	0.194814964	0.24583859	0.792450703	0.428097925	0.945321484
<i>Emid1</i>	-0.433291727	0.343398077	-1.2617768	0.207029112	0.883765092

<i>Kremen1</i>	-0.16285143	0.172511631	-0.944002615	0.345168312	0.92132235
<i>Znrf3</i>	0.381899957	0.341665401	1.117760114	0.263669461	0.897248195
<i>Xbp1</i>	-0.176615576	0.105935414	-1.667200501	0.095474543	0.778239075
<i>Ccdc117</i>	-0.074565566	0.119530723	-0.623819248	0.532746297	0.96674935
<i>Mrps24</i>	0.27793072	0.184473709	1.506614261	0.13190956	0.827800491
<i>Urgcp</i>	-0.048056804	0.127809069	-0.376004646	0.706913442	0.988585656
<i>2210015D19Rik</i>	-0.11709639	0.217100092	-0.539365919	0.589634392	0.974001549
<i>Dbnl</i>	-0.069764553	0.113302878	-0.615735049	0.538069401	0.96674935
<i>Pgam2</i>	0.313122476	0.274749881	1.139663738	0.25442642	0.897044747
<i>Polm</i>	0.361147238	0.372362024	0.969882035	0.332105296	0.917115058
<i>Aebp1</i>	0.080691748	0.224243691	0.359839543	0.71896713	0.988585656
<i>Pold2</i>	0.094141851	0.225459332	0.417555797	0.676271921	0.983549699
<i>Myl7</i>	0.227074709	0.26707621	0.850224394	0.395200342	0.933933717
<i>Gck</i>	-0.098497677	0.34305652	-0.287117927	0.774022026	0.990730604
<i>Ykt6</i>	0.076103769	0.089973439	0.845847065	0.397638066	0.935327115
<i>Camk2b</i>	0.138635178	0.401155871	0.345589303	0.729651386	0.988585656
<i>Nudcd3</i>	0.040142773	0.124357331	0.322801823	0.746845332	0.988585656
<i>Rps15a-ps6</i>	-0.019759582	0.447091327	-0.044195852	0.964748288	0.996474415
<i>Ddx56</i>	0.000334421	0.13455198	0.002485442	0.998016906	0.999591134
<i>Tmed4</i>	-0.012257437	0.085126134	-0.143991464	0.88550721	0.992886758
<i>Ogdh</i>	-0.311296316	0.166803716	-1.866243296	0.062007334	0.725730283
<i>Zmiz2</i>	0.354409775	0.258381692	1.371652037	0.170171786	0.861924432
<i>Ppia</i>	-0.07080297	0.14536411	-0.487073251	0.626206422	0.976534277
<i>H2afv</i>	0.287971902	0.164693515	1.748532126	0.080371928	0.75763999
<i>Purb</i>	-0.223409681	0.145314852	-1.537418086	0.12419096	0.820917331
<i>Myo1g</i>	0.424309558	0.197315565	2.15041098	0.031522721	0.661395937
<i>Gm11974</i>	0.224759194	0.299567267	0.75027955	0.453086357	0.950108007
<i>Ccm2</i>	-0.000171645	0.182189447	-0.000942125	0.999248293	0.999886097
<i>Nacad</i>	-0.467361955	0.67069825	-0.696828947	0.485909848	0.957710647
<i>Tbrg4</i>	0.055522801	0.184288055	0.301282688	0.763198941	0.989285682
<i>Ramp3</i>	0.263414611	0.392364187	0.671352329	0.501996106	0.961378071
<i>Adcy1</i>	-0.398112568	0.635912907	-0.626048887	0.531282876	0.96621591
<i>Igfbp3</i>	-0.065288269	0.12595341	-0.518352534	0.604212326	0.974001549
<i>Tns3</i>	-0.069986404	0.192211521	-0.364111387	0.715774834	0.988585656
<i>Hus1</i>	-0.158961257	0.218050871	-0.72900996	0.46599557	0.953083512
<i>Gm11992</i>	-0.19835603	0.177135072	-1.119800998	0.262798574	0.897248195
<i>Upp1</i>	0.193342811	0.166137441	1.163752192	0.244524452	0.896939594
<i>Abca13</i>	1.270447957	0.886814177	1.432597707	0.151972837	0.852666844
<i>Vwc2</i>	0.081315486	0.312637101	0.260095447	0.79479015	0.990988839
<i>Zbp</i>	0.301746389	0.407386464	0.740688304	0.458882453	0.952683168
<i>4930415F15Rik</i>	-0.347501047	2.232343793	-0.155666456	0.876295939	0.992886758
<i>Ikzf1</i>	-0.037615591	0.217327704	-0.173082354	0.862586695	0.992886758
<i>Figl1</i>	-0.794600536	0.539496624	-1.472855437	0.14079002	0.839671411
<i>Ddc</i>	0.210671266	0.444538507	0.47391005	0.635564053	0.977034429
<i>Grb10</i>	-0.49361771	0.213647678	-2.310428618	0.020864436	0.604325792
<i>Cobl</i>	0.116781815	0.153352458	0.761525548	0.446343225	0.948476747
<i>Vstm2a</i>	-0.163895369	0.351477329	-0.466304241	0.640997743	0.977921835
<i>Sec61g</i>	0.259676576	0.334213883	0.776977226	0.437172207	0.94702277
<i>Egfr</i>	-0.293161292	0.256972729	-1.140826474	0.253942141	0.897044747
<i>Eldr</i>	-0.261819444	0.740042335	-0.353789819	0.723496404	0.988585656
<i>Fbxo48</i>	0.491759485	1.630993318	0.301509197	0.763026238	0.989285682
<i>Plek</i>	0.056499264	0.160925363	0.351089864	0.725520932	0.988585656
<i>Cnrip1</i>	0.099148577	0.177007471	0.560137807	0.575385444	0.971613657
<i>Ppp3r1</i>	-0.117194343	0.092414984	-1.268131402	0.204751029	0.883765092
<i>Pno1</i>	0.036377712	0.144312565	0.252075849	0.800982437	0.990988839
<i>Wdr92</i>	-0.064994942	0.132823427	-0.489333427	0.624605659	0.976017893
<i>C1d</i>	0.280405923	0.202356906	1.385699794	0.165838591	0.860011234
<i>Etaa1</i>	-0.114425778	0.195942418	-0.583976554	0.559236087	0.968926429
<i>Etaa1os</i>	-0.245972948	0.560888391	-0.438541699	0.660993649	0.979924124
<i>Meis1</i>	0.037869629	0.276515327	0.13695309	0.891067874	0.993043931
<i>Spred2</i>	0.004735014	0.353148352	0.013408002	0.989302283	0.998182772
<i>Actr2</i>	-0.161051471	0.096650983	-1.666320045	0.095649686	0.778888992

<i>Rab1</i>	-0.05160353	0.079912624	-0.645749408	0.518441657	0.96446859
<i>Cep68</i>	-0.087575345	0.147891027	-0.592161314	0.553742572	0.968926429
<i>Slc1a4</i>	-0.133960474	0.212358361	-0.630822699	0.52815646	0.965637248
<i>Sertad2</i>	-0.186595099	0.188824505	-0.988193241	0.323058018	0.91640698
<i>Aftph</i>	-0.152459502	0.11224746	-1.358244565	0.174386094	0.863528862
<i>Lgalsl</i>	-0.040742968	0.121223812	-0.336097074	0.736797665	0.988585656
<i>Peli1</i>	-0.094893516	0.121802332	-0.779077985	0.435933777	0.946762848
<i>Vps54</i>	-0.01070247	0.119535973	-0.089533462	0.928657962	0.994688009
<i>Ugp2</i>	-0.046198223	0.118679735	-0.389267998	0.697077907	0.987521994
<i>Mdh1</i>	-0.087949819	0.118849355	-0.740010905	0.459293378	0.952683168
<i>Wdpcp</i>	0.076739071	0.208437045	0.368164265	0.712750754	0.988585656
<i>Otx1</i>	-1.019678568	1.19737339	-0.851596149	0.394438278	0.933796635
<i>Ehbp1</i>	-0.106862049	0.219616261	-0.48658532	0.626552229	0.97658408
<i>Tmem17</i>	0.033216092	0.224099977	0.148219972	0.88216917	0.992886758
<i>B3gnt2</i>	0.100220549	0.118882559	0.843021468	0.399216438	0.936273856
<i>Comm1d1</i>	0.249126892	0.167371944	1.488462679	0.136628918	0.832506992
<i>Zrsr1</i>	0.15365911	0.171079222	0.898175173	0.369092167	0.928436166
<i>Cct4</i>	-0.008871449	0.12295586	-0.072151495	0.942481346	0.994688009
<i>Fam161a</i>	0.049792232	0.152180663	0.327191583	0.743522987	0.988585656
<i>Xpo1</i>	0.024887939	0.103675832	0.240055355	0.810287344	0.991438232
<i>Usp34</i>	-0.320122091	0.231504462	-1.382790155	0.166729218	0.860403806
<i>Ahsa2</i>	-0.194414465	0.260751681	-0.745592374	0.455913691	0.951472839
<i>0610010F05Rik</i>	0.052440316	0.159743832	0.328277564	0.742701806	0.988585656
<i>Pex13</i>	0.014654687	0.143153801	0.102370228	0.918462814	0.994688009
<i>Pus10</i>	0.013055039	0.153095374	0.085273896	0.932043644	0.994688009
<i>Rel</i>	-0.769581423	0.511742959	-1.503843695	0.132621617	0.827800491
<i>Papolg</i>	-0.026900008	0.175531922	-0.153248525	0.878202292	0.992886758
<i>Bcl11a</i>	-0.045119507	0.649210623	-0.069499027	0.944592407	0.99486515
<i>Fanci1</i>	-0.236369744	0.174244712	-1.356538986	0.17492774	0.864111192
<i>Vrk2</i>	0.337705185	0.187220892	1.803779382	0.071265899	0.744227652
<i>Ccdc85a</i>	-0.047102884	0.179609764	-0.262251245	0.793127747	0.990988839
<i>Efemp1</i>	-0.008699155	0.119992074	-0.072497744	0.942205801	0.994688009
<i>Pnpt1</i>	-0.041824666	0.150598281	-0.277723395	0.7812247	0.990988839
<i>Smek2</i>	-0.043609881	0.099450814	-0.438507026	0.661018778	0.979924124
<i>Cfap36</i>	0.24008037	0.122206278	1.964550218	0.049466319	0.707153766
<i>Ccdc88a</i>	-0.011264304	0.209857574	-0.053675945	0.957193348	0.996226826
<i>Prorsd1</i>	0.281597236	0.188857342	1.49105792	0.135946289	0.832457116
<i>Mtif2</i>	0.081506771	0.162731294	0.500867224	0.616464571	0.974001549
<i>Rps27a</i>	0.467429462	0.245912671	1.900794538	0.05732893	0.721735927
<i>Clhc1</i>	0.618931877	0.977587149	0.633121945	0.526654013	0.965637248
<i>Rtn4</i>	-0.026521996	0.083175556	-0.318867668	0.749826863	0.988585656
<i>Eml6</i>	-0.416346656	0.501172313	-0.830745525	0.406117403	0.939557159
<i>Sptbn1</i>	-0.15588105	0.135119694	-1.153651589	0.248643039	0.896939594
<i>4930505A04Rik</i>	0.003776463	0.373751184	0.010104218	0.991938138	0.998783765
<i>Acyp2</i>	0.593849123	0.276945462	2.144281835	0.032010311	0.664081772
<i>Psme4</i>	-0.026826124	0.164189317	-0.163385321	0.87021506	0.992886758
<i>Erlec1</i>	0.014344629	0.147871263	0.09700755	0.922720398	0.994688009
<i>Asb3</i>	0.27481713	0.196123158	1.40124773	0.161140006	0.857316691
<i>Chac2</i>	0.174566482	0.201517873	0.866258063	0.386348659	0.932501372
<i>Stc2</i>	0.306611044	0.391520725	0.783128516	0.433551647	0.946463129
<i>Bod1</i>	0.240690514	0.151013217	1.5938374	0.110972458	0.800111791
<i>D630024D03Rik</i>	0.215217122	0.255178146	0.843399504	0.399005049	0.936268387
<i>Cpeb4</i>	-0.156752473	0.161465205	-0.970812706	0.331641554	0.917115058
<i>4930524B15Rik</i>	0.665945662	1.988138961	0.334959314	0.737655778	0.988585656
<i>Nsg2</i>	0.718587212	0.310180263	2.316676131	0.020521381	0.603792576
<i>Il9r</i>	0.239806663	0.831738691	0.288319716	0.773102016	0.990730604
<i>Snrrnp25</i>	0.597322213	0.280093277	2.132583186	0.032958934	0.665167506
<i>Rhbdf1</i>	-0.07628213	0.191382737	-0.398584174	0.690199625	0.986002801
<i>Mpg</i>	0.3701655	0.180428006	2.051596686	0.040208874	0.679118604
<i>Nprl3</i>	-0.126257802	0.342696612	-0.368424423	0.712556789	0.988585656
<i>Hbq1b</i>	0.240655131	0.605168157	0.397666547	0.690876	0.986094278
<i>Hbq1a</i>	1.165137326	0.555085599	2.099022795	0.035814891	0.674795441

<i>Sh3pxd2b</i>	0.032584651	0.365998861	0.089029377	0.929058563	0.994688009
<i>Ubt2</i>	0.129813226	0.172521397	0.752447106	0.451782227	0.949134998
<i>Efcab9</i>	1.925405338	1.516900116	1.269302651	0.204333141	0.883765092
<i>Stk10</i>	0.395334516	0.287364087	1.375726939	0.168906189	0.861597949
<i>Fbxw11</i>	-0.254946464	0.128040595	-1.991137762	0.046465744	0.698098452
<i>Fgf18</i>	-0.077854729	0.292085906	-0.266547368	0.789817684	0.990988839
<i>Npm1</i>	0.206756281	0.135011603	1.531396385	0.125671457	0.822401003
<i>Ranbp17</i>	-0.356287348	0.773129475	-0.46083788	0.644914922	0.979004493
<i>Gabrp</i>	-0.419558265	0.148125005	-2.832460761	0.004619124	0.390758702
<i>Kcnmb1</i>	-0.54460232	0.380323834	-1.431943704	0.152159933	0.852974739
<i>Lcp2</i>	0.187709792	0.23798783	0.788736937	0.430265775	0.945321484
<i>Dock2</i>	0.242512803	0.277327403	0.874463903	0.38186567	0.930635634
<i>Spdl1</i>	-0.943029081	0.906984939	-1.039740618	0.298460424	0.909779403
<i>Slit3</i>	0.074794331	0.233846341	0.319843925	0.749086648	0.988585656
<i>Pank3</i>	-0.30608357	0.150407872	-2.035023604	0.041848498	0.679118604
<i>Rars</i>	-0.096349782	0.190725771	-0.505174425	0.613436332	0.974001549
<i>Wwc1</i>	-0.284277821	0.2014369	-1.411249978	0.158170918	0.855986074
<i>Mat2b</i>	0.257324776	0.134679628	1.910643652	0.056050391	0.715507996
<i>Hmmr</i>	0.659835134	0.420280913	1.569985962	0.116418377	0.812418014
<i>Nudcd2</i>	0.134826192	0.187130601	0.720492487	0.471221824	0.95486913
<i>Ccng1</i>	-0.075569459	0.116808708	-0.646950563	0.51766394	0.964437658
<i>Gabra1</i>	-1.163905975	1.863389183	-0.624617759	0.532221961	0.96674935
<i>Atp10b</i>	3.116268325	1.168985886	2.66578781	0.007680816	0.45506991
<i>Mir146</i>	-1.858912394	1.887448646	-0.984881045	0.324682505	0.91640698
<i>Pttg1</i>	-0.004842366	0.123207742	-0.039302452	0.968649252	0.996474415
<i>Slu7</i>	0.023688424	0.223600112	0.105941021	0.915629147	0.994688009
<i>C1qtnf2</i>	0.118860363	0.175056195	0.678984043	0.497147973	0.960475196
<i>Ccnj1</i>	-0.193940678	0.704627062	-0.275238759	0.783132811	0.990988839
<i>Pwwp2a</i>	0.04676775	0.153371361	0.304931437	0.760418372	0.989266039
<i>Ttc1</i>	0.234129246	0.135021601	1.734013253	0.082915732	0.76099108
<i>Adra1b</i>	-0.066423496	0.53685819	-0.123726335	0.901531959	0.994688009
<i>Il12b</i>	0.697571812	0.624241548	1.117470976	0.263793003	0.897248195
<i>Ublcp1</i>	0.125309238	0.108553809	1.154351363	0.248356147	0.896939594
<i>Rnf145</i>	-0.098683599	0.171287827	-0.576127334	0.564529117	0.969658675
<i>Ebf1</i>	-0.184472186	0.267304734	-0.69011941	0.490119098	0.958560421
<i>Gm12159</i>	-1.350035846	0.96124918	-1.404459815	0.16018197	0.857316691
<i>Clint1</i>	-0.263986543	0.118203156	-2.233329048	0.025527253	0.631530315
<i>Lsm11</i>	-0.113181536	0.269878918	-0.419378946	0.674939209	0.983549699
<i>Thg1l</i>	0.235833733	0.194480991	1.212631282	0.225270823	0.893255444
<i>Sox30</i>	-1.693331367	1.664786511	-1.017146256	0.309083858	0.9139204
<i>Adam19</i>	-0.166239809	0.295771728	-0.562054426	0.574078937	0.971613657
<i>Nipal4</i>	-1.548809844	1.852548978	-0.836042589	0.403130944	0.937834293
<i>Cyfp2</i>	0.329730189	0.265677462	1.241092062	0.214571741	0.886400046
<i>Itk</i>	0.059747122	0.397965715	0.15013133	0.880661002	0.992886758
<i>Med7</i>	0.109178259	0.128136999	0.852043207	0.394190111	0.933796635
<i>Havcr2</i>	-0.281276723	0.346827221	-0.810999558	0.417365924	0.943415794
<i>Havcr1</i>	0.606021865	0.609276745	0.994657797	0.319902727	0.91640698
<i>Timd4</i>	-0.302990743	0.648220279	-0.467419415	0.640199835	0.977921835
<i>Sgcd</i>	0.462095099	0.465644526	0.992377389	0.321013465	0.91640698
<i>Gnb2l1</i>	0.151197566	0.229225475	0.659601931	0.509509315	0.963452765
<i>Snord96a</i>	0.312797791	0.451084251	0.693435408	0.488036348	0.958288569
<i>Snord95</i>	0.010151642	1.559593045	0.006509161	0.994806478	0.999285699
<i>Trim41</i>	0.049713881	0.178013032	0.279271019	0.780036845	0.990988839
<i>Trim7</i>	-0.402462625	0.295177296	-1.36346064	0.172737381	0.862471933
<i>Irgm1</i>	0.148209114	0.233314748	0.635232513	0.525276781	0.965637248
<i>Gm5431</i>	-0.166108145	0.427986371	-0.388115502	0.69793056	0.9876159
<i>Gm12185</i>	-0.146379592	0.34960718	-0.418697328	0.675437349	0.983549699
<i>Psme2b</i>	0.297423752	0.206896423	1.437549034	0.150562051	0.849879783
<i>9930111J21Rik1</i>	-0.586208592	0.770671971	-0.760646052	0.446868506	0.948476747
<i>9930111J21Rik2</i>	-0.74741401	0.969828667	-0.770666032	0.440904911	0.948068187
<i>Tgtp2</i>	0.354893646	0.17315018	2.04962909	0.040400639	0.679118604
<i>Olf156</i>	0.660833785	0.736294574	0.897512772	0.369445361	0.928436166

<i>Ifi47</i>	0.363555551	0.187625909	1.937661769	0.052664501	0.707153766
<i>Btnl9</i>	-0.045377525	1.538940061	-0.02948622	0.976476809	0.997262526
<i>Zfp62</i>	-0.09839866	0.134649391	-0.730776864	0.464915457	0.953083512
<i>Mgat1</i>	-0.100661152	0.086582252	-1.16260722	0.2449889	0.896939594
<i>Flt4</i>	0.271569751	0.348946738	0.778255595	0.436418348	0.946762848
<i>Scgb3a1</i>	0.065398124	0.326285293	0.200432338	0.841142471	0.992886758
<i>Cnot6</i>	-0.145250487	0.113006344	-1.285330375	0.19867686	0.880661448
<i>Gfpt2</i>	-0.37880408	0.25745454	-1.471343565	0.141198227	0.840741274
<i>Mapk9</i>	-0.164472993	0.129427312	-1.270775	0.203808705	0.88349335
<i>Rnf130</i>	0.096939078	0.086159397	1.125113229	0.260541056	0.897248195
<i>Tbc1d9b</i>	0.013039809	0.145354754	0.089710236	0.928517482	0.994688009
<i>3010026O09Rik</i>	0.344510726	0.282283314	1.22044311	0.222296944	0.892391445
<i>Sqstm1</i>	0.021654897	0.110414794	0.196123144	0.844513781	0.992886758
<i>Mgat4b</i>	-0.23334029	0.161787	-1.442268476	0.14922665	0.848779008
<i>Ltc4s</i>	-0.008094363	0.17844157	-0.045361418	0.963819233	0.996474415
<i>Maml1</i>	-0.045204351	0.293109509	-0.154223422	0.877433575	0.992886758
<i>Canx</i>	0.061839746	0.107620841	0.57460753	0.565556758	0.970061308
<i>Hnrnph1</i>	0.104619576	0.103390583	1.011886895	0.311592136	0.914819219
<i>Rufy1</i>	-0.114219202	0.153691959	-0.743169666	0.457378966	0.952102513
<i>Adamts2</i>	0.017962809	0.238378741	0.075354073	0.939933	0.994688009
<i>Zfp354c</i>	0.047784543	0.227496792	0.210044911	0.833632621	0.992886758
<i>Zfp879</i>	-0.374446859	0.649614742	-0.576413734	0.564335564	0.969658675
<i>Grm6</i>	-2.602304319	1.953538817	-1.332097574	0.182828127	0.869258834
<i>Zfp454</i>	-0.070433174	0.701569344	-0.100393745	0.920031736	0.994688009
<i>Zfp2</i>	0.007379194	0.195617623	0.037722544	0.969908901	0.996628386
<i>Zfp354b</i>	0.5170604	0.238159036	2.171071933	0.029925735	0.65030913
<i>Zfp354a</i>	-0.265870827	0.249293129	-1.066498815	0.286198214	0.905916508
<i>BC049762</i>	0.078677377	0.609637211	0.12905606	0.89731329	0.994101834
<i>Clk4</i>	0.236086129	0.140785839	1.676916728	0.093558767	0.775558829
<i>Col23a1</i>	-0.242471984	0.219921173	-1.102540428	0.270226793	0.89804647
<i>Phykpl</i>	-0.379216659	0.256777654	-1.476828894	0.139721509	0.836535783
<i>Hnrnpab</i>	-0.026436256	0.104995246	-0.251785263	0.801207049	0.990988839
<i>Nhp2</i>	0.144399665	0.153490698	0.940771438	0.346822001	0.921552698
<i>Rmnd5b</i>	-0.007228224	0.233184797	-0.030997834	0.975271267	0.997262526
<i>N4bp3</i>	0.153671529	0.149003564	1.031327876	0.302387091	0.911518274
<i>D930048N14Rik</i>	-0.050959914	0.389340822	-0.130887672	0.895864167	0.993801757
<i>0610009B22Rik</i>	0.29433701	0.204524066	1.439131425	0.15011329	0.849826521
<i>Sec24a</i>	0.20844484	0.271511381	0.767720453	0.442653282	0.948476747
<i>Sar1b</i>	0.29532074	0.200561151	1.472472305	0.140893381	0.839671411
<i>Jade2</i>	-0.301819337	0.237440678	-1.27113576	0.203680355	0.88349335
<i>Cdkn2aipnl</i>	0.077038371	0.136796139	0.563161882	0.573324656	0.971613657
<i>Ube2b</i>	0.016560086	0.180818892	0.091583824	0.927028704	0.994688009
<i>Cdkl3</i>	-0.125300637	0.338953961	-0.369668602	0.711629429	0.988585656
<i>Ppp2ca</i>	-0.056746192	0.07850004	-0.722881066	0.469752957	0.95486913
<i>Mir3061</i>	-0.633832132	1.581223539	-0.400849163	0.68853118	0.98538669
<i>Olfr1372-ps1</i>	-0.304808428	0.51034423	-0.597260458	0.5503335	0.968926429
<i>Skp1a</i>	0.075546415	0.133304448	0.566720885	0.570903829	0.971613657
<i>Tcf7</i>	0.176325022	0.256180924	0.688283181	0.491274471	0.958916246
<i>Vdac1</i>	0.072901739	0.108613976	0.671200355	0.502092902	0.961378071
<i>9530068E07Rik</i>	-0.037946793	0.082977293	-0.457315386	0.647444372	0.979004493
<i>Fstl4</i>	-0.899336117	1.287528587	-0.69849798	0.484865821	0.957710647
<i>Hspa4</i>	-0.162023596	0.167457493	-0.96755059	0.333268864	0.917275917
<i>Zcchc10</i>	-0.10733938	0.171222317	-0.62690064	0.530724367	0.966026275
<i>Aff4</i>	-0.392066781	0.130302958	-3.008886264	0.002622073	0.327099208
<i>Uqcrq</i>	0.305849939	0.270906898	1.128985421	0.258903984	0.897248195
<i>Gdf9</i>	0.295921525	0.741056728	0.399323715	0.689654696	0.985729862
<i>Shroom1</i>	-0.473779478	0.584028502	-0.811226639	0.417235531	0.943415794
<i>Sowaha</i>	-0.679218757	0.668556547	-1.015948105	0.309654099	0.9139204
<i>Sep-08</i>	-0.117476352	0.146826312	-0.80010422	0.423650417	0.94351935
<i>Kif3a</i>	-0.039178771	0.226907542	-0.172664031	0.862915518	0.992886758
<i>Il4</i>	-1.577634611	0.830426626	-1.899788087	0.057460935	0.721735927
<i>Rad50</i>	-0.199480503	0.198523594	-1.004820127	0.31498347	0.91586731

<i>Ilf5</i>	-0.651734138	1.46048774	-0.446244169	0.655420881	0.979133069
<i>Irf1</i>	0.030933145	0.127942049	0.241774658	0.808954776	0.991192232
<i>Gm12216</i>	0.603848143	0.192415702	3.138247747	0.001699612	0.284736028
<i>Slc22a5</i>	-0.160994744	0.179781363	-0.89550297	0.370518279	0.928436166
<i>Slc22a21</i>	-0.282223024	0.508180479	-0.555359828	0.578648564	0.971613657
<i>Slc22a4</i>	-0.051664288	0.382500982	-0.135069687	0.892556777	0.993300147
<i>Pdlim4</i>	0.269435511	0.343570479	0.78422195	0.432909887	0.946074118
<i>P4ha2</i>	-0.342400636	0.142420803	-2.404147628	0.016210226	0.56192007
<i>Csf2</i>	0.291718707	0.288149134	1.012387936	0.311352604	0.914819219
<i>Acsf6</i>	1.285068388	1.498838724	0.857376025	0.391237105	0.933734231
<i>Fnip1</i>	-0.179308368	0.13034692	-1.375624127	0.168938033	0.861597949
<i>Rapgef6</i>	-0.086912222	0.205919283	-0.422069371	0.672974384	0.983235147
<i>Cdc42se2</i>	0.028374495	0.092637997	0.306294344	0.759380546	0.989266039
<i>Lymr7</i>	-0.145987602	0.308701941	-0.472907949	0.636278853	0.977284137
<i>Hint1</i>	0.324483645	0.255084794	1.272061891	0.20335113	0.882809131
<i>Gpx3</i>	-0.117189826	0.098929771	-1.184575942	0.236185154	0.896358698
<i>Tnip1</i>	-0.087648706	0.175117276	-0.500514332	0.616712967	0.974001549
<i>Anxa6</i>	0.040864766	0.142035589	0.287707932	0.773570318	0.990730604
<i>Ccdc69</i>	-0.116266902	0.229325984	-0.506994016	0.612159017	0.974001549
<i>Gm2a</i>	-0.065898494	0.122184607	-0.53933548	0.589655392	0.974001549
<i>Slc36a3</i>	0.637026056	1.759092981	0.362133249	0.717252459	0.988585656
<i>Slc36a2</i>	-0.228813369	0.203533696	-1.124203872	0.260926547	0.897248195
<i>Slc36a1</i>	-0.274867729	0.305166748	-0.900713236	0.36774081	0.928436166
<i>Fat2</i>	0.318749416	0.818272283	0.389539549	0.69687706	0.987518602
<i>Sparc</i>	0.119474939	0.111762902	1.06900355	0.28506807	0.905916508
<i>Atox1</i>	0.181144291	0.187088097	0.968229908	0.332929561	0.917115058
<i>G3bp1</i>	-0.070074132	0.096426458	-0.726710638	0.467403235	0.953315756
<i>Gria1</i>	0.280427876	0.346884068	0.808419591	0.418849078	0.943415794
<i>Fam114a2</i>	-0.183557855	0.118800725	-1.545090364	0.122324407	0.817515595
<i>Mfap3</i>	-0.455785288	0.170747904	-2.669346319	0.007599904	0.454518821
<i>Galnt10</i>	0.159007819	0.223219149	0.71233951	0.476254563	0.95716557
<i>2010001A14Rik</i>	0.370036218	0.224853811	1.645674653	0.09983076	0.788783372
<i>Sap30l</i>	-0.199436087	0.171172246	-1.165119296	0.243970707	0.896939594
<i>Larp1</i>	0.228404632	0.226833719	1.006925394	0.313970628	0.91586731
<i>Cnot8</i>	0.195793495	0.084595085	2.314478382	0.020641496	0.604325792
<i>Gemin5</i>	-0.068330642	0.257974096	-0.264874045	0.791106494	0.990988839
<i>Mrpl22</i>	0.237462772	0.189453956	1.253406244	0.2100579	0.884258007
<i>Gm12250</i>	0.599998094	0.27651441	2.169861938	0.030017307	0.650824012
<i>Igtp</i>	0.355952757	0.211543818	1.682643153	0.092444193	0.775044718
<i>Irgm2</i>	0.031146755	0.188108598	0.165578581	0.868488604	0.992886758
<i>Zfp692</i>	-0.474293317	0.287529378	-1.649547332	0.099035555	0.787788403
<i>Zfp672</i>	-0.028266798	0.166827645	-0.169437133	0.865452818	0.992886758
<i>Sh3bp5l</i>	0.091414985	0.136181321	0.671274033	0.502045974	0.961378071
<i>Lypd8</i>	-1.677623806	1.51782608	-1.105280657	0.269037997	0.89804647
<i>Fam183b</i>	0.053956853	0.128431181	0.420122693	0.674395826	0.983375962
<i>2810021J22Rik</i>	0.201699161	0.260599652	0.773980929	0.438942069	0.947838535
<i>Zfp39</i>	0.173660696	0.33560781	0.517451295	0.60484116	0.974001549
<i>Rnf187</i>	-0.010626209	0.113517809	-0.093608301	0.925420315	0.994688009
<i>Hist3h2ba</i>	0.891105185	0.442193704	2.01519193	0.043884543	0.688477147
<i>Hist3h2bb-ps</i>	0.2845965	1.449910085	0.19628562	0.844386616	0.992886758
<i>Hist3h2a</i>	0.143439082	0.230982088	0.620996559	0.534601888	0.96674935
<i>Trim17</i>	0.375128209	0.581326995	0.645296387	0.518735134	0.96446859
<i>Trim11</i>	-0.135592731	0.203576682	-0.666052369	0.505377628	0.962138588
<i>Obscn</i>	-0.262419839	0.422077712	-0.621733466	0.534117142	0.96674935
<i>Iba57</i>	-0.089967754	0.334666041	-0.268828452	0.788061697	0.990988839
<i>Gjc2</i>	-0.311222515	0.504958807	-0.616332482	0.537675105	0.96674935
<i>Guk1</i>	0.309911159	0.184357637	1.681032393	0.092756623	0.775044718
<i>2610507I01Rik</i>	0.276787409	0.17148335	1.614077456	0.106510627	0.794899279
<i>Mrpl55</i>	0.027307017	0.160594134	0.170037448	0.864980686	0.992886758
<i>2310033P09Rik</i>	0.249166529	0.240147903	1.037554466	0.299477526	0.910105802
<i>Arf1</i>	0.112963142	0.068801441	1.641871741	0.100616587	0.788783372
<i>Wnt3a</i>	-0.227408226	0.240349114	-0.946157953	0.344068029	0.920669678

<i>Wnt9a</i>	0.05695112	0.300298007	0.189648678	0.84958444	0.992886758
<i>Snap47</i>	-0.271106745	0.134323882	-2.018306355	0.043559365	0.687169821
<i>Jmjd4</i>	-0.080466399	0.286000335	-0.281350717	0.778441414	0.990988839
<i>Zfp867</i>	0.061894155	0.186190188	0.332424363	0.739568844	0.988585656
<i>Zkscan17</i>	-0.149038761	0.256827278	-0.580307366	0.561707361	0.969592734
<i>4933439C10Rik</i>	0.51011548	0.263784006	1.933837791	0.053133075	0.707153766
<i>Nlrp3</i>	-0.534371741	0.8902884	-0.600223187	0.548357503	0.968738549
<i>Mprlp</i>	-0.138034838	0.116040341	-1.189541821	0.234226524	0.89581803
<i>Pld6</i>	-0.182967484	0.399033953	-0.458526104	0.646574513	0.979004493
<i>Flcn</i>	-0.116859289	0.141038035	-0.828565771	0.407350163	0.939557159
<i>Gm16062</i>	-2.494863095	1.511332237	-1.650770779	0.098785389	0.786907305
<i>Cops3</i>	0.043715318	0.16071582	0.27200383	0.785619075	0.990988839
<i>Nt5m</i>	0.005413108	0.182280286	0.029696616	0.976309011	0.997262526
<i>1810063I02Rik</i>	0.435475112	0.646581594	0.673503725	0.50062688	0.961175273
<i>Med9os</i>	-0.122066705	0.424280282	-0.287702988	0.773574102	0.990730604
<i>Med9</i>	0.013161302	0.125175964	0.105142403	0.916262813	0.994688009
<i>Rasd1</i>	-0.433934345	0.463063993	-0.937093688	0.348710368	0.921552698
<i>Pemt</i>	-0.390299299	0.266385618	-1.465166558	0.142875481	0.840741274
<i>Rai1</i>	0.026696314	0.187420064	0.142441065	0.886731628	0.992886758
<i>Srebf1</i>	-0.164822011	0.187512652	-0.878991411	0.379405933	0.929137643
<i>Tom1l2</i>	-0.268811931	0.205609938	-1.307387833	0.191081027	0.877906723
<i>Lrrc48</i>	-0.384871723	0.153935846	-2.500208577	0.012412021	0.525888996
<i>Atpaf2</i>	0.183018736	0.176460521	1.037165337	0.29965881	0.910105802
<i>Gid4</i>	-0.14594325	0.11293953	-1.292224694	0.196279342	0.879755417
<i>Drg2</i>	-0.267637404	0.172189117	-1.554322417	0.120107529	0.81558552
<i>Myo15</i>	0.065479312	0.704872577	0.092895246	0.925986782	0.994688009
<i>Alkbh5</i>	-0.049192746	0.170293068	-0.288871098	0.772680022	0.990678393
<i>Llg1</i>	-0.489422089	0.232532949	-2.104742966	0.035313688	0.674795441
<i>Flii</i>	-0.052870588	0.179192219	-0.295049574	0.76795601	0.989990452
<i>Mief2</i>	-0.089916965	0.144411308	-0.622644903	0.533517897	0.96674935
<i>Top3a</i>	0.073463471	0.441230123	0.166496952	0.867765881	0.992886758
<i>Smcr8</i>	-0.516899992	0.219494101	-2.354960748	0.018524662	0.586147601
<i>Shmt1</i>	0.071993009	0.283126007	0.25427904	0.799279992	0.990988839
<i>Dhrs7b</i>	0.148022116	0.15298025	0.967589712	0.333249317	0.917275917
<i>Tmem11</i>	0.347909698	0.134110079	2.594209915	0.009480858	0.479238301
<i>Natd1</i>	-0.094863533	0.24823188	-0.38215693	0.702344967	0.988482081
<i>Map2k3os</i>	0.301175463	0.33711584	0.893388644	0.371649082	0.928840865
<i>Map2k3</i>	-0.160827591	0.106074048	-1.516182282	0.129473267	0.827800491
<i>Kcnj12</i>	-0.026056676	0.453395119	-0.057470128	0.954170701	0.996070133
<i>Tnfrsf13b</i>	0.582551152	0.52823385	1.102828136	0.270101807	0.89804647
<i>Usp22</i>	-0.057624399	0.18360721	-0.313846057	0.753637962	0.988585656
<i>Aldh3a1</i>	0.167825253	0.194637108	0.862246951	0.388551638	0.933269543
<i>Aldh3a2</i>	-0.096682528	0.102443769	-0.943761919	0.345291325	0.92132235
<i>Slc47a2</i>	1.844447235	1.384388713	1.332318891	0.182755422	0.869194833
<i>Slc47a1</i>	0.067287292	0.438040671	0.153609691	0.877917495	0.992886758
<i>Rnf112</i>	1.636505674	1.090772924	1.50031747	0.133532186	0.827800491
<i>Mfap4</i>	-0.129697058	0.190547979	-0.680653024	0.496091067	0.960132629
<i>Mapk7</i>	0.123608634	0.348196855	0.354996411	0.72259228	0.988585656
<i>B9d1</i>	0.209823328	0.194412158	1.079270608	0.280467111	0.903192609
<i>Epn2</i>	-0.116188957	0.08557051	-1.357815405	0.174522265	0.863528862
<i>Grap</i>	-0.024397231	0.09760053	-0.249970273	0.802610338	0.990988839
<i>Fam83g</i>	0.079647758	0.770573303	0.103361689	0.917675917	0.994688009
<i>Prpsap2</i>	0.082520836	0.162909528	0.506543951	0.612474844	0.974001549
<i>Ulk2</i>	-0.240593241	0.12430861	-1.935451138	0.052934959	0.707153766
<i>Akap10</i>	-0.024306483	0.158811205	-0.153052697	0.878356718	0.992886758
<i>Specc1</i>	0.234027468	0.194821414	1.201240988	0.229657734	0.895404344
<i>Adora2b</i>	-0.184377349	0.190910198	-0.965780515	0.334154021	0.918030088
<i>Zswim7</i>	0.370299019	0.284116749	1.303333999	0.192460759	0.879588734
<i>Ttc19</i>	-0.046950591	0.160728068	-0.292111961	0.770201022	0.989990452
<i>Ncor1</i>	0.065838507	0.123788764	0.531861734	0.594821762	0.974001549
<i>Pigl</i>	-0.060654688	0.269104626	-0.225394446	0.821672432	0.992886758
<i>Cenpv</i>	0.038250321	0.152383945	0.251012799	0.801804213	0.990988839

Ubb	-0.080873387	0.133236714	-0.606990253	0.543857381	0.967491297
Trpv2	0.068870667	0.293096385	0.234976173	0.814227227	0.992048071
2410006H16Rik	0.437314275	0.309213919	1.414277456	0.157280453	0.855986074
Snord49a	-0.347074006	1.482075293	-0.234181089	0.814844396	0.992116023
Lrrc75a	-0.156827582	0.231541928	-0.677318289	0.498204029	0.960700483
Mmgt2	0.026496733	0.190529928	0.139068616	0.889395928	0.993043931
Zfp287	0.032653093	0.376728392	0.086675423	0.930929513	0.994688009
Zfp286	0.561898669	0.323645557	1.736154435	0.082536531	0.76099108
Trim16	-0.21512693	0.14234451	-1.511311744	0.130709043	0.827800491
Fbxw10	1.373627993	0.915576956	1.500286769	0.133540135	0.827800491
Tvp23b	0.247947186	0.137017087	1.809607782	0.070356632	0.744227652
Cdrt4	1.80435273	1.518254034	1.18843928	0.234660389	0.89581803
Tekt3	-0.047057638	0.386591092	-0.121724579	0.903117147	0.994688009
Pmp22	-0.128978789	0.101549208	-1.270111225	0.204045014	0.883671867
Hs3st3b1	-0.195460849	0.318774556	-0.61316327	0.539768389	0.966900344
Cox10	0.362900695	0.230539798	1.574134699	0.115456312	0.81007959
2810001G20Rik	0.476276857	0.306049253	1.556209834	0.119658204	0.81558552
Hs3st3a1	-0.122424814	0.702801268	-0.174195494	0.861711827	0.992886758
Elac2	-0.164207735	0.302819594	-0.542262582	0.587637629	0.973455044
Arhgap44	-0.012111595	0.159774806	-0.075804158	0.939574908	0.994688009
Myocd	2.366491689	1.289266666	1.835533138	0.066426734	0.738254074
Gm12295	0.311673496	1.009812694	0.308644858	0.757591694	0.989266039
Map2k4	0.070426726	0.12317032	0.571783251	0.567468826	0.970955746
Zkscan6	0.119968343	0.173832117	0.690139109	0.490106711	0.958560421
Dnah9	0.153825952	0.250278602	0.61461887	0.538806449	0.966875138
Shisa6	1.445603523	2.438511646	0.592822071	0.553300236	0.968926429
Tmem220	0.140554733	0.204581243	0.687036263	0.492059877	0.958916246
Adprm	0.020694317	0.141835722	0.145903424	0.883997628	0.992886758
Sco1	0.302071168	0.15653708	1.92971	0.05364278	0.707153766
Myh13	0.472661411	0.434973795	1.086643417	0.277194429	0.900939369
Gas7	0.53320351	0.382112987	1.395407974	0.162892848	0.859982992
Dhrs7c	-0.048725274	0.394610962	-0.123476737	0.901729595	0.994688009
Usp43	-0.083278641	0.386863618	-0.215266149	0.82955982	0.992886758
Cfap52	-0.202362411	0.200229762	-1.010651009	0.312183493	0.914819219
Stx8	0.266084962	0.117682213	2.261046543	0.023756375	0.622011301
Ntn1	-0.389127377	0.180243799	-2.158894672	0.030858339	0.659455637
Pik3r5	0.338622556	0.275800426	1.227781121	0.219529145	0.888847883
Pik3r6	0.130387882	0.212639899	0.613186343	0.539753134	0.966900344
Mfsd6l	-0.581031036	0.224518769	-2.587895163	0.009656436	0.483161941
Ccdc42	0.139532908	0.284857971	0.489833256	0.624251896	0.975969024
Myh10	0.297093695	0.16959039	1.75183096	0.079802879	0.75659671
Ndel1	-0.099669347	0.094704683	-1.052422578	0.292605714	0.907334416
Rnf222	3.655491213	2.244362681	1.628743537	0.103367322	0.790925787
Arhgef15	0.045834077	0.140992254	0.325082232	0.745118836	0.988585656
Slc25a35	0.01910873	0.289217758	0.06607039	0.947321785	0.995297476
Rangrf	0.278741423	0.188720964	1.477002966	0.139674842	0.836535783
Pfas	-0.299352852	0.384536649	-0.77847678	0.43628799	0.946762848
Ctc1	-0.369434559	0.424405517	-0.870475393	0.384040661	0.931591679
Aurkb	0.047430749	0.397120873	0.119436554	0.904929503	0.994688009
2310047M10Rik	0.074609541	0.25041301	0.297945943	0.765744422	0.989884648
Tmem107	0.020843058	0.157351021	0.132462172	0.894618742	0.993556555
Vamp2	-0.08573497	0.122161495	-0.701816643	0.482793518	0.957463006
Per1	-0.126354948	0.339863925	-0.371780993	0.710055916	0.988585656
Hes7	1.668017619	1.340493648	1.244330864	0.213377816	0.884945675
Aloxe3	-0.880389672	0.709510333	-1.240841228	0.214664408	0.886400046
Cntrob	-0.333799923	0.361905406	-0.922340251	0.356351125	0.924354588
Trappc1	-0.069873275	0.185705941	-0.376257619	0.706725384	0.988585656
Kcnab3	1.71751345	1.10047236	1.560705668	0.118593213	0.814755048
Chd3os	-0.124439411	0.260828777	-0.477092338	0.63329637	0.977034429
Chd3	0.148481786	0.147599512	1.005977485	0.314426401	0.91586731
Cyb5d1	-0.259989278	0.391711959	-0.663725659	0.506865914	0.96295087
Naa38	0.471337115	0.207078803	2.276124393	0.022838566	0.620006604

<i>Tmem88</i>	-0.341500211	0.228915903	-1.491815147	0.135747612	0.831963687
<i>Kdm6b</i>	-0.055504224	0.237895029	-0.23331393	0.815517642	0.992468437
<i>Dnah2</i>	0.347109025	0.223160443	1.555423624	0.119845211	0.81558552
<i>Efnb3</i>	0.776616092	1.217884257	0.637676435	0.523684328	0.965637248
<i>Wrap53</i>	-0.417133306	0.260540194	-1.601032451	0.109369732	0.798400564
<i>Trp53</i>	-0.020054293	0.264349415	-0.075862824	0.939528233	0.994688009
<i>Atp1b2</i>	0.205089322	0.674380601	0.304115097	0.761040205	0.989266039
<i>Sat2</i>	0.704399167	0.266156746	2.646557626	0.008131565	0.464210002
<i>Fxr2</i>	0.100399116	0.15758393	0.637115189	0.524049815	0.965637248
<i>Mpdu1</i>	0.171330529	0.140920219	1.215798061	0.224061858	0.892989918
<i>Cd68</i>	-0.223471586	0.243403618	-0.918111191	0.358560657	0.925129558
<i>Eif4a1</i>	0.056511291	0.07471348	0.756373428	0.449425335	0.948476747
<i>Senp3</i>	-0.007177912	0.092132307	-0.077908737	0.937900649	0.994688009
<i>Tnfsf13</i>	0.107499256	0.281233678	0.38224176	0.702282049	0.988482081
<i>Tnfsf12</i>	-0.130416889	0.186040224	-0.701014469	0.483293986	0.957614188
<i>Polr2a</i>	-0.034744366	0.292323711	-0.118855793	0.905389606	0.994688009
<i>Slc35g3</i>	-0.482794998	0.372462657	-1.296223899	0.194898358	0.879588734
<i>Zbtb4</i>	-0.010266217	0.144234625	-0.0711772	0.943256727	0.99486515
<i>Chrnbl</i>	-0.401707904	0.249204174	-1.611962987	0.106969994	0.79539432
<i>Fgf11</i>	0.184522678	0.352468744	0.52351501	0.600615909	0.974001549
<i>G630025P09Rik</i>	0.338840373	1.616785752	0.209576545	0.833998187	0.992886758
<i>Nlgn2</i>	0.227801114	0.319158036	0.713756471	0.47537778	0.956791546
<i>Tmem256</i>	0.586611014	0.319947949	1.833457649	0.066734541	0.738254074
<i>Plscr3</i>	-0.084221402	0.204975158	-0.410885899	0.681156203	0.98444165
<i>Tnk1</i>	-0.473090264	0.414439198	-1.141519109	0.253653965	0.897044747
<i>Tmem95</i>	-0.297130709	1.318072969	-0.225428118	0.821646239	0.992886758
<i>Kctd11</i>	-0.075729213	0.190324059	-0.397896166	0.690706727	0.986039532
<i>Acap1</i>	0.197750375	0.270156337	0.731984959	0.464177748	0.953083512
<i>2810408A11Rik</i>	0.011969395	0.429744575	0.027852347	0.977777915	0.997262526
<i>Neurl4</i>	0.027930609	0.162641442	0.171731196	0.86364886	0.992886758
<i>Gps2</i>	-0.38141647	0.156642916	-2.434942342	0.014894163	0.554936045
<i>Eif5a</i>	0.001055959	0.107930701	0.009783672	0.992193884	0.998800761
<i>Ybx2</i>	1.219459577	0.799945518	1.524428288	0.127401758	0.824450458
<i>Slc2a4</i>	0.483176713	0.437801893	1.103642359	0.269748309	0.89804647
<i>Cldn7</i>	-0.227069227	0.121106723	-1.874951453	0.060799403	0.725221283
<i>Elp5</i>	0.094290165	0.114931897	0.820400321	0.411987933	0.942121471
<i>Ctdnep1</i>	0.033917392	0.127222719	0.266598548	0.789778274	0.990988839
<i>Gabarap</i>	-0.061253291	0.111098294	-0.551343217	0.581398418	0.971885891
<i>Phf23</i>	-0.110566608	0.138516865	-0.79821766	0.424744191	0.944280828
<i>Dvl2</i>	-0.099975118	0.333374541	-0.299888281	0.764262373	0.989384061
<i>Acadvl</i>	0.102665645	0.11686322	0.878511178	0.379666374	0.929185635
<i>Mir324</i>	4.732175817	1.813228369	2.60980685	0.009059336	0.475600561
<i>Dlg4</i>	0.033228289	0.291891875	0.113837664	0.909366481	0.994688009
<i>Asgr1</i>	0.468200537	0.259903013	1.801443281	0.07163304	0.744227652
<i>Asgr2</i>	0.557639331	1.12440281	0.49594267	0.61993486	0.974471036
<i>Mgl2</i>	-0.191115826	0.221608148	-0.862404331	0.388465058	0.933269543
<i>Clec10a</i>	0.269739362	0.301365539	0.89505709	0.37075657	0.928436166
<i>Slc16a11</i>	0.182274708	0.136048917	1.339773309	0.180319056	0.868087032
<i>Slc16a13</i>	0.32644657	0.329685152	0.990176744	0.322087737	0.91640698
<i>Bcl6b</i>	-0.093752076	0.245327899	-0.382150078	0.702350049	0.988482081
<i>0610010K14Rik</i>	0.19999928	0.148209487	1.349436427	0.177196827	0.866855369
<i>Rnasek</i>	0.056296012	0.117355286	0.47970581	0.631436596	0.977034429
<i>Alox12</i>	0.317615059	0.439729	0.722297276	0.470111727	0.95486913
<i>Alox12e</i>	-2.369610292	1.679173594	-1.411176486	0.158192582	0.855986074
<i>Alox15</i>	-0.401314197	0.519821935	-0.772022436	0.440101139	0.947849924
<i>Pelp1</i>	0.679092615	0.293885397	2.310739572	0.020847244	0.604325792
<i>Arrb2</i>	0.057729462	0.20383931	0.283210645	0.777015369	0.990861469
<i>Med11</i>	0.225725807	0.18878044	1.19570548	0.231811512	0.895404344
<i>Cxcl16</i>	0.021274901	0.125565842	0.169432229	0.865456675	0.992886758
<i>Zmynd15</i>	-0.665102861	0.385910968	-1.723461931	0.084805024	0.761612554
<i>Tm4sf5</i>	0.279717363	0.846648717	0.330381842	0.741111146	0.988585656
<i>Vmo1</i>	-0.145125547	1.855449606	-0.078215839	0.937656363	0.994688009

<i>Gltpd2</i>	0.046277035	1.184168239	0.039079781	0.968826781	0.996474415
<i>Psmb6</i>	0.278822401	0.164325857	1.696765231	0.089741055	0.769347579
<i>Pld2</i>	0.204594523	0.21269424	0.961918492	0.336090549	0.918908218
<i>Mink1</i>	-0.151971802	0.217069286	-0.700107346	0.483860269	0.957710647
<i>Chrne</i>	1.504985007	1.659838108	0.906705901	0.364562342	0.926556975
<i>Gp1ba</i>	-0.700406241	1.370501153	-0.511058484	0.609310105	0.974001549
<i>Slc25a11</i>	0.046162802	0.094650316	0.487719465	0.625748562	0.97639266
<i>Rnf167</i>	-0.229981824	0.169293801	-1.358477526	0.174312209	0.863528862
<i>Pfn1</i>	0.168199024	0.100338281	1.67631957	0.093675614	0.775558829
<i>Eno3</i>	0.697679424	0.238784273	2.921798058	0.003480171	0.368965929
<i>Spag7</i>	0.108135431	0.135677521	0.797003295	0.425449118	0.944290206
<i>Camta2</i>	-0.095027636	0.313221353	-0.303388114	0.761594103	0.989285682
<i>Inca1</i>	-0.052526823	0.450082517	-0.116704872	0.907093929	0.994688009
<i>Kif1c</i>	-0.014802833	0.114633014	-0.12913237	0.897252909	0.994101834
<i>Zfp3</i>	-0.143452118	0.259861188	-0.552033642	0.580925304	0.971613657
<i>Scimp</i>	0.211165659	0.365624312	0.577548189	0.563569195	0.969658675
<i>Rabep1</i>	-0.215433729	0.13517252	-1.59376869	0.110987853	0.800111791
<i>Nup88</i>	-0.248920479	0.128815608	-1.932378245	0.053312837	0.707153766
<i>Rpain</i>	0.308801862	0.289427352	1.066940841	0.285998551	0.905916508
<i>C1qbp</i>	-0.082363365	0.130853854	-0.629430182	0.529067464	0.965637248
<i>Dhx33</i>	-0.098974088	0.260130001	-0.38047933	0.703589638	0.988585656
<i>Derl2</i>	0.068895142	0.134210767	0.513335431	0.607716703	0.974001549
<i>Mis12</i>	-0.221177815	0.205476109	-1.076416209	0.281741157	0.905331207
<i>6330403K07Rik</i>	-0.115842713	0.268751832	-0.431039716	0.666439493	0.981863224
<i>Nlrp1a</i>	1.566885894	1.146642049	1.366499594	0.171782208	0.86244803
<i>Nlrp1b</i>	-1.194922973	0.666674342	-1.792363825	0.073074706	0.748833631
<i>Nlrp1c-ps</i>	2.553041102	3.818453432	0.668606059	0.503746806	0.96179897
<i>Wscd1</i>	0.062187283	0.261890175	0.237455581	0.812303375	0.991957906
<i>Fam64a</i>	0.424927926	0.400573244	1.060799571	0.288780997	0.907334416
<i>Pitpnm3</i>	-0.196953196	0.218980105	-0.899411366	0.368433587	0.928436166
<i>4933427D14Rik</i>	0.094748275	0.291427512	0.325117811	0.745091909	0.988585656
<i>Txndc17</i>	0.224854605	0.163458722	1.375604814	0.168944015	0.861597949
<i>Med31</i>	0.396343745	0.196439667	2.017636008	0.043629184	0.687580778
<i>4930563E22Rik</i>	-0.293787175	0.670231605	-0.438336797	0.661142155	0.979955675
<i>Xaf1</i>	-0.126891869	0.170001434	-0.746416461	0.455415878	0.951224746
<i>Fbxo39</i>	-4.206945503	1.958379269	-2.148177102	0.031699689	0.661395937
<i>Tekt1</i>	-0.284846642	0.173433506	-1.642396838	0.10050779	0.788783372
<i>Smtnl2</i>	-0.120311658	0.168773179	-0.712860058	0.475932358	0.95716557
<i>Ggt6</i>	-0.255606514	0.450348925	-0.567574385	0.570324005	0.971613657
<i>Mybbp1a</i>	-0.096854834	0.168720773	-0.574053994	0.565931264	0.970278247
<i>Spns2</i>	-0.144663249	0.196894567	-0.734724431	0.462507338	0.953083512
<i>Spns3</i>	1.509841455	1.328556977	1.136452167	0.255767374	0.897044747
<i>Ube2g1</i>	-0.022170965	0.115727104	-0.191579705	0.848071441	0.992886758
<i>Ankfy1</i>	-0.107231577	0.201367336	-0.532517237	0.594367807	0.974001549
<i>Cyb5d2</i>	-0.154260099	0.170961066	-0.902311287	0.366891532	0.927999696
<i>Zzef1</i>	-0.116630262	0.164304088	-0.709843944	0.477800915	0.95730219
<i>Atp2a3</i>	0.012176868	0.188218204	0.064695487	0.948416456	0.99560893
<i>P2rx1</i>	-0.063130944	0.474802523	-0.132962528	0.894223016	0.993422442
<i>Camkk1</i>	-0.167595376	0.258138107	-0.649246941	0.516178775	0.964352198
<i>1200014J11Rik</i>	-0.17459915	0.155665385	-1.121631179	0.262019289	0.897248195
<i>Itgae</i>	-0.125412549	0.278425801	-0.450434363	0.652397272	0.979004493
<i>Gsg2</i>	0.422768742	0.56165493	0.75271972	0.451618357	0.949134998
<i>P2rx5</i>	-0.039770334	0.276542873	-0.143812544	0.885648498	0.992886758
<i>Emc6</i>	0.038054924	0.115062339	0.330733103	0.740846096	0.988585656
<i>Tax1bp3</i>	0.162442129	0.116450897	1.394940985	0.163033637	0.859982992
<i>Ctns</i>	-0.048186871	0.230883042	-0.208706845	0.834677096	0.992886758
<i>Shpk</i>	-0.935418475	0.310663247	-3.011036817	0.002603573	0.327099208
<i>Trpv1</i>	1.87263227	2.504287837	0.747770381	0.454598671	0.951112066
<i>Aspa</i>	-0.236379492	0.171430543	-1.378864511	0.167936532	0.861149421
<i>Spata22</i>	-1.804395959	1.659227078	-1.087491871	0.276819489	0.900604936
<i>Rap1gap2</i>	0.381256981	0.404778368	0.941890703	0.346248601	0.921552698
<i>E130309D14Rik</i>	0.365679514	0.507617901	0.720383408	0.471288963	0.95486913

<i>Cluh</i>	0.170787534	0.1628282	1.048881789	0.294232528	0.907334416
<i>Pafah1b1</i>	-0.113160127	0.130066616	-0.870016688	0.384291284	0.931689378
<i>Mettl16</i>	0.030907351	0.162472681	0.190231064	0.84912807	0.992886758
<i>Mnt</i>	0.227247634	0.419945163	0.541136448	0.588413537	0.973455044
<i>Sgsm2</i>	-0.452114406	0.230054111	-1.965252449	0.049385026	0.707153766
<i>Tsr1</i>	-0.570477185	0.375041333	-1.521104835	0.128233531	0.826336015
<i>Srr</i>	-0.022807654	0.30082169	-0.07581785	0.939564015	0.994688009
<i>Smg6</i>	-0.383265004	0.222620342	-1.721608194	0.085140518	0.761635307
<i>Hic1</i>	-0.007495458	0.478639338	-0.015659928	0.987505696	0.998148029
<i>Ovca2</i>	0.224678036	0.178158085	1.261116139	0.207267007	0.883765092
<i>Dph1</i>	0.171397448	0.297531659	0.576064573	0.564571536	0.969658675
<i>Rtn4rl1</i>	0.026182637	0.277669723	0.094294172	0.924875479	0.994688009
<i>Rpa1</i>	-0.142910168	0.101282318	-1.411008068	0.158242235	0.855986074
<i>Smyd4</i>	-0.035020103	0.245841872	-0.142449706	0.886724803	0.992886758
<i>Serpinf1</i>	0.1650266	0.167133049	0.987396576	0.323448262	0.91640698
<i>Serpinf2</i>	2.343989698	1.377030375	1.702206241	0.088716713	0.767814344
<i>Wdr81</i>	-0.187367129	0.29797851	-0.6287941	0.529483863	0.965637248
<i>Mir22hg</i>	-0.0626616	0.214250907	-0.292468305	0.76992859	0.989990452
<i>Tlcd2</i>	0.386753774	0.245230857	1.57710077	0.11477234	0.809454857
<i>Prpf8</i>	-0.197767305	0.187910103	-1.052457006	0.292589926	0.907334416
<i>Rilp</i>	0.094197312	0.187719768	0.501797507	0.615809967	0.974001549
<i>Scarf1</i>	-0.052489087	0.184361046	-0.284708119	0.77586777	0.990861469
<i>Slc43a2</i>	0.144000417	0.216498871	0.665132415	0.505965804	0.96224682
<i>Pitpna</i>	0.126032181	0.089409617	1.409604311	0.158656553	0.855986074
<i>Gm12338</i>	0.442038827	0.290633354	1.520950094	0.128272362	0.826336015
<i>Inpp5k</i>	-0.198779452	0.15932663	-1.247622276	0.212169417	0.884945675
<i>Myo1c</i>	-0.12023983	0.154250655	-0.77950936	0.435679726	0.946762848
<i>Crk</i>	-0.049514969	0.119521857	-0.414275427	0.678672408	0.983853811
<i>Ywhae</i>	0.011753973	0.077648646	0.151373836	0.879680828	0.992886758
<i>Doc2b</i>	-1.280795028	0.795861371	-1.609319254	0.107546551	0.796929372
<i>Rph3al</i>	-0.113011899	0.265372084	-0.425862049	0.670208371	0.982270383
<i>1700016K19Rik</i>	0.230089572	0.142044565	1.619840734	0.105266494	0.793982106
<i>Fam101b</i>	-0.291056375	0.141749081	-2.053321069	0.040041449	0.679118604
<i>Vps53</i>	0.461144061	0.150644377	3.061143527	0.002204934	0.308737709
<i>Fam57a</i>	-0.344020009	0.197298444	-1.74365293	0.081219628	0.760377276
<i>Gemin4</i>	-0.422710168	0.24453299	-1.728642699	0.083873063	0.76099108
<i>Dbil5</i>	-0.401741901	0.825508912	-0.486659677	0.626499525	0.97658408
<i>Glod4</i>	0.003637625	0.097351157	0.037366021	0.970193165	0.996628386
<i>Rnmtl1</i>	0.197828841	0.387784421	0.510151597	0.609945259	0.974001549
<i>Nxn</i>	0.141806959	0.13588556	1.043576368	0.296681431	0.909070179
<i>Timm22</i>	0.136254919	0.138412272	0.984413576	0.324912206	0.91640698
<i>Abr</i>	0.101467998	0.167541195	0.605630141	0.544760383	0.967491297
<i>Tusc5</i>	-0.020996835	0.273048668	-0.076897774	0.938704868	0.994688009
<i>Gosr1</i>	-0.21126914	0.213088119	-0.991463724	0.321459197	0.91640698
<i>Cpd</i>	-0.190980242	0.158145501	-1.207623621	0.227192069	0.894038302
<i>Tmigd1</i>	-0.509642201	0.641510505	-0.794440929	0.426938785	0.944290206
<i>Blmh</i>	0.246116826	0.109361923	2.250480051	0.024418488	0.626649273
<i>Slc6a4</i>	-0.02513575	0.536827595	-0.04682276	0.962654489	0.996474415
<i>Ccdc55</i>	0.085225734	0.253158173	0.336650139	0.736380655	0.988585656
<i>Efcab5</i>	0.697183812	0.730542851	0.954336643	0.339913265	0.919246575
<i>Ssh2</i>	-0.332796465	0.199603366	-1.667288843	0.095456984	0.778239075
<i>Coro6</i>	0.147187904	0.695584031	0.21160334	0.832416503	0.992886758
<i>Ankrd13b</i>	-0.184173119	0.433997309	-0.424364656	0.671299892	0.982811455
<i>Git1</i>	-0.285501459	0.248515773	-1.148826313	0.250627607	0.896939594
<i>Trp53i13</i>	-0.132025641	0.231648483	-0.569939585	0.568718675	0.97144955
<i>Abhd15</i>	-0.314295953	0.389231907	-0.80747736	0.419391513	0.943415794
<i>Taok1</i>	-0.023715678	0.117335039	-0.202119314	0.839823449	0.992886758
<i>Nufip2</i>	-0.07580385	0.1286218	-0.589354606	0.555623421	0.968926429
<i>Myo18a</i>	0.051799565	0.207332235	0.249838453	0.802712282	0.990988839
<i>Pipox</i>	1.304661487	0.675941102	1.930140782	0.053589397	0.707153766
<i>Phf12</i>	-0.386740079	0.249010348	-1.553108466	0.120397224	0.81558552
<i>Dhrs13</i>	0.069041166	0.15849799	0.435596476	0.663129528	0.980876591

<i>Flot2</i>	-0.016192504	0.118950489	-0.136128096	0.891720017	0.993043931
<i>Eral1</i>	-0.054489981	0.149372649	-0.364792225	0.715266509	0.988585656
<i>Fam222b</i>	-0.209960345	0.395102428	-0.531407376	0.595136511	0.974001549
<i>Traf4</i>	0.108202062	0.214912517	0.503470264	0.614633682	0.974001549
<i>Nek8</i>	0.259817531	0.20425276	1.272039266	0.203359168	0.882809131
<i>Tlcd1</i>	0.402415046	0.242076085	1.662349447	0.096442729	0.781321691
<i>Rpl23a</i>	-0.028213053	0.09768668	-0.288811664	0.772725506	0.990678393
<i>Snord4a</i>	-0.882277911	0.998499084	-0.883604127	0.376909951	0.928883222
<i>Snord42b</i>	0.621361786	0.894547853	0.694609889	0.487299813	0.958288569
<i>Rab34</i>	-0.1902915	0.17141066	-1.110149745	0.266934504	0.89768067
<i>Proca1</i>	0.053453524	0.269239411	0.198535288	0.842626278	0.992886758
<i>Supt6</i>	-0.176705544	0.231311145	-0.763930092	0.444908904	0.948476747
<i>Sdf2</i>	0.140147075	0.158952944	0.881689081	0.377944968	0.928883222
<i>2610507B11Rik</i>	-0.119461308	0.119739377	-0.997677714	0.318435663	0.91640698
<i>BC030499</i>	-0.024113936	2.984921803	-0.008078582	0.993554294	0.999270171
<i>Spag5</i>	0.275040978	0.50105244	0.548926532	0.583055869	0.972174584
<i>Aldoc</i>	0.280631453	0.299623369	0.936614039	0.348957128	0.921552698
<i>Pigs</i>	-0.131254096	0.161436176	-0.813040169	0.416195028	0.943415794
<i>Unc119</i>	0.186875826	0.145917357	1.280696344	0.200300344	0.880888611
<i>Slc13a2</i>	-1.645561797	1.073225856	-1.533285643	0.12520549	0.822296879
<i>Slc46a1</i>	-0.084692092	0.255467118	-0.331518563	0.740252821	0.988585656
<i>Vtn</i>	-0.35732432	0.313328984	-1.140412596	0.254114448	0.897044747
<i>Tmem199</i>	0.201071506	0.160208313	1.255062877	0.209455935	0.884258007
<i>Poldip2</i>	0.021577937	0.112936549	0.191062481	0.848476642	0.992886758
<i>Tnfaip1</i>	-0.030657017	0.152883888	-0.200524841	0.841070132	0.992886758
<i>Ift20</i>	0.34520725	0.178651106	1.932298425	0.053322683	0.707153766
<i>Tmem97</i>	-0.091891675	0.152652081	-0.601968045	0.547195408	0.968115622
<i>Nlk</i>	-0.11671957	0.200228765	-0.582931078	0.559939699	0.968926429
<i>Fam58b</i>	0.00550292	0.140480166	0.039172223	0.968753079	0.996474415
<i>Lym9</i>	0.370199425	0.302616708	1.223327776	0.22120592	0.891315805
<i>Nos2</i>	-1.286606623	0.639082687	-2.013208382	0.044092712	0.688477147
<i>Lgals9</i>	-0.103567076	0.129027234	-0.802676094	0.422161974	0.943415794
<i>Ksr1</i>	-0.458182168	0.442001982	-1.036606592	0.29991924	0.910285132
<i>Wsb1</i>	0.067221751	0.162105117	0.414680003	0.678376173	0.983786595
<i>Nf1</i>	-0.421516614	0.271391547	-1.553167809	0.12038305	0.81558552
<i>AU040972</i>	-0.379229722	0.302597553	-1.253247813	0.210115534	0.884258007
<i>Evi2a</i>	0.246905571	0.210181627	1.174724809	0.240104831	0.896939594
<i>Rab11fip4</i>	-0.776523384	0.611244045	-1.270398282	0.203942795	0.883661513
<i>Utp6</i>	0.02499855	0.139735891	0.178898564	0.858017351	0.992886758
<i>Suz12</i>	0.033350322	0.134873184	0.247271706	0.804697954	0.990988839
<i>Crif3</i>	0.167954171	0.085967031	1.953704452	0.05073618	0.707153766
<i>Atad5</i>	0.03335162	0.526840426	0.063304975	0.949523654	0.995624732
<i>Tefm</i>	0.423562525	0.241120579	1.756641954	0.078978857	0.755854514
<i>Adap2</i>	-0.145125401	0.368436342	-0.393895454	0.693658226	0.986787302
<i>Rnf135</i>	0.109010906	0.196760928	0.554027202	0.57956023	0.971613657
<i>Rhot1</i>	-0.077083806	0.090052976	-0.855982884	0.392007247	0.933734231
<i>Rhbdl3</i>	0.164657994	0.465321122	0.353858842	0.723444673	0.988585656
<i>5730455P16Rik</i>	-0.037333831	0.176558177	-0.211453424	0.832533473	0.992886758
<i>Zfp207</i>	-0.150486999	0.085542336	-1.759210781	0.078541714	0.754732183
<i>Psmc11</i>	-0.103969771	0.11415469	-0.910779675	0.362411474	0.926455466
<i>Cdk5r1</i>	0.358539225	1.307716666	0.274171948	0.783952485	0.990988839
<i>Myo1d</i>	-0.24444096	0.232393233	-1.051841987	0.292872052	0.907334416
<i>Tmem98</i>	0.132656245	0.190871784	0.695001863	0.487054134	0.958288569
<i>Ccl2</i>	0.851334358	0.423589661	2.009809107	0.044451397	0.689308953
<i>Ccl7</i>	-0.010034595	0.430275686	-0.023321314	0.98139397	0.997390438
<i>Ccl11</i>	0.009012471	0.371644787	0.024250228	0.980653014	0.997296835
<i>Ccl12</i>	0.381679757	0.411370222	0.927825439	0.353498126	0.924041611
<i>Ccl8</i>	-1.2111696	0.610130192	-1.985100256	0.047133318	0.69958699
<i>Cct6b</i>	1.059625878	1.022747299	1.036058349	0.300174922	0.910285132
<i>Zfp830</i>	0.072973659	0.162793531	0.448258959	0.653966316	0.979133069
<i>Gm11423</i>	0.107232322	0.296539358	0.361612444	0.717641665	0.988585656
<i>Lig3</i>	-0.314095255	0.230029255	-1.365457863	0.172109188	0.86244803

<i>Rffl</i>	-0.05085325	0.251266507	-0.202387699	0.839613644	0.992886758
<i>Rad51d</i>	0.352278173	0.186684849	1.887020688	0.059157543	0.72285319
<i>Nle1</i>	0.482227264	0.208160082	2.316617379	0.020524584	0.603792576
<i>Unc45b</i>	0.235579059	0.173309706	1.359295246	0.17405305	0.863528862
<i>Slfn5os</i>	0.004819635	0.829618184	0.005809461	0.995364747	0.999285699
<i>Slfn5</i>	-0.036101875	0.192421821	-0.187618403	0.851175799	0.992886758
<i>Slfn9</i>	-0.844047165	1.101965304	-0.765947133	0.44370776	0.948476747
<i>Slfn8</i>	0.030195824	0.502044787	0.060145677	0.952039611	0.996023481
<i>Slfn2</i>	0.289558028	0.14883045	1.945556359	0.051708054	0.707153766
<i>Slfn1</i>	1.257734646	0.277755138	4.528213791	5.95E-06	0.006937154
<i>Slfn4</i>	0.612316469	0.417292197	1.467356623	0.142279068	0.840741274
<i>Slfn3</i>	0.626027658	0.455857313	1.373297391	0.169659913	0.861597949
<i>Al662270</i>	0.298949804	0.198880946	1.503159602	0.132797892	0.827800491
<i>AA465934</i>	0.652854815	0.46468533	1.404939588	0.160039243	0.857316691
<i>Al450353</i>	0.227545938	0.565102863	0.402662865	0.687196256	0.98538669
<i>Pex12</i>	0.304513513	0.172388317	1.766439389	0.077322162	0.753694887
<i>Ap2b1</i>	-0.206780264	0.143342835	-1.442557378	0.149145197	0.848779008
<i>Rasl10b</i>	-0.641522118	0.631441981	-1.015963678	0.309646683	0.9139204
<i>Gas2l2</i>	0.170281817	0.327973248	0.519194227	0.603625305	0.974001549
<i>1700020L24Rik</i>	0.415146528	0.41657412	0.996573018	0.318971808	0.91640698
<i>Mmp28</i>	0.215437296	0.320714183	0.671742342	0.501747741	0.961378071
<i>Taf15</i>	0.256261487	0.265076699	0.966744675	0.333671688	0.917554801
<i>Heatr9</i>	-1.317177964	1.433444215	-0.918890285	0.358152962	0.924515953
<i>Ccl5</i>	1.047664759	0.221538597	4.729039422	2.26E-06	0.003683119
<i>Ccl9</i>	-0.74096191	0.532449681	-1.391609267	0.164040751	0.859982992
<i>E230016K23Rik</i>	0.702376157	1.127144808	0.623146336	0.533188363	0.96674935
<i>Ccl6</i>	-0.12109145	0.397475632	-0.304651256	0.760631778	0.989266039
<i>Ccl3</i>	0.773915466	0.42616625	1.815994265	0.069371252	0.743426713
<i>Ccl4</i>	1.347017443	0.49339285	2.730111396	0.006331293	0.427152964
<i>Wfdc17</i>	-0.109942281	0.513885514	-0.213943142	0.830591397	0.992886758
<i>Wfdc21</i>	-0.089710833	0.449301355	-0.1996674	0.841740712	0.992886758
<i>Heatr6</i>	-0.089167356	0.21095538	-0.422683489	0.672526204	0.983233856
<i>Hnf1b</i>	0.204400277	0.397924491	0.513665988	0.607485535	0.974001549
<i>Ddx52</i>	0.002628401	0.142933541	0.01838897	0.985328552	0.998148029
<i>Synrg</i>	-0.196819556	0.229198508	-0.858729655	0.390489686	0.933734231
<i>Dusp14</i>	-0.221313425	0.14907088	-1.484618754	0.137644845	0.833085238
<i>Tada2a</i>	-0.160339889	0.257284371	-0.623201045	0.533152415	0.96674935
<i>Acaca</i>	-0.149828131	0.233369769	-0.642020308	0.520859997	0.964784335
<i>Aatf</i>	0.150846178	0.220558363	0.683928626	0.494020237	0.958916246
<i>Mrm1</i>	0.44759613	0.166586234	2.68687345	0.007212427	0.452031612
<i>Dhrs11</i>	0.058452693	0.232074737	0.251870127	0.80114145	0.990988839
<i>Ggnbp2</i>	-0.059141662	0.084135698	-0.702931853	0.482098219	0.957463006
<i>Ggnbp2os</i>	0.363141239	0.25070772	1.448464526	0.14748718	0.846658212
<i>Pigw</i>	-0.241919211	0.284813042	-0.849396533	0.395660682	0.934066368
<i>Myo19</i>	-0.02661821	0.470527791	-0.056570963	0.954886966	0.996070133
<i>Znhit3</i>	0.422085397	0.288957428	1.460718281	0.14409277	0.841934045
<i>Car4</i>	0.084135891	0.121946041	0.689943607	0.490229651	0.958560421
<i>Usp32</i>	-0.041573726	0.133984891	-0.310286677	0.756342962	0.989266039
<i>1700125H20Rik</i>	1.150925787	2.186121954	0.526469159	0.598562275	0.974001549
<i>Appbp2</i>	0.03564191	0.194121071	0.183606603	0.854322083	0.992886758
<i>Appbp2os</i>	-0.135459361	0.660810411	-0.204989751	0.837580133	0.992886758
<i>Ppm1d</i>	-0.222086695	0.156562813	-1.418514976	0.15604047	0.855455553
<i>Bcas3</i>	-0.170585437	0.240156365	-0.710309872	0.477511999	0.95716557
<i>Bcas3os1</i>	0.762034288	0.587732519	1.296566488	0.194780389	0.879588734
<i>Bcas3os2</i>	0.202367568	0.377687473	0.535806938	0.592091987	0.974001549
<i>2610027K06Rik</i>	0.608310811	0.372366281	1.633635595	0.102335389	0.789151138
<i>Tbx2</i>	0.028164695	0.172559469	0.163217325	0.870347326	0.992886758
<i>Tbx4</i>	0.171431883	0.16901137	1.014321603	0.310429319	0.914704835
<i>Brip1</i>	-0.401865327	0.525813775	-0.764273105	0.444704509	0.948476747
<i>Brip1os</i>	-0.104894042	0.154494758	-0.678948871	0.497170259	0.960475196
<i>Ints2</i>	-0.29327195	0.263896616	-1.111313798	0.266433302	0.89768067
<i>Med13</i>	0.227420069	0.17408115	1.306402609	0.191415679	0.878250211

<i>Rnft1</i>	0.164127878	0.162583111	1.0095014	0.312734231	0.914819219
<i>Rps6kb1</i>	-0.04360064	0.132146162	-0.329942534	0.741443384	0.988585656
<i>Tubd1</i>	0.146134389	0.185531334	0.787653415	0.430899461	0.945321484
<i>Vmp1</i>	0.137794537	0.240323707	0.573370552	0.566393825	0.970426802
<i>Pthr2</i>	0.381341345	0.178059445	2.141651873	0.032221506	0.665167506
<i>Cltc</i>	-0.003384826	0.121412148	-0.027878808	0.97775881	0.997262526
<i>Dhx40</i>	0.072883625	0.112212274	0.649515622	0.516005152	0.964352198
<i>Ypel2</i>	-0.199149746	0.230831795	-0.862748333	0.388275852	0.933269543
<i>Gdpd1</i>	-0.387349846	0.1542388	-2.511364496	0.012026545	0.525888996
<i>Smg8</i>	-0.203940503	0.222882664	-0.915012857	0.360184881	0.925913281
<i>Prr11</i>	-0.131555786	0.795955682	-0.16528029	0.868723372	0.992886758
<i>Ska2</i>	0.243423603	0.162541075	1.497612851	0.134233866	0.827986488
<i>Trim37</i>	0.161826046	0.112266538	1.441445063	0.149458987	0.848779008
<i>Ppm1e</i>	-0.214340569	0.892589161	-0.240133511	0.810226756	0.991438232
<i>Rad51c</i>	-0.688750626	0.644557999	-1.068562685	0.28526677	0.905916508
<i>Tex14</i>	0.685059616	0.601770162	1.138407418	0.254950398	0.897044747
<i>Sep-04</i>	0.096415381	0.138452892	0.696376794	0.486192892	0.957736773
<i>Mtnr4</i>	-0.032414644	0.215130486	-0.15067434	0.880232616	0.992886758
<i>Hsf5</i>	0.012509891	1.593561059	0.007850274	0.993736452	0.999270171
<i>Rnf43</i>	-0.014041456	0.39066329	-0.035942604	0.971328125	0.996733101
<i>1110028F11Rik</i>	0.895355382	1.045852552	0.856100968	0.391941933	0.933734231
<i>Supt4a</i>	0.42523525	0.167084573	2.545029994	0.010926835	0.502706181
<i>Mir142b</i>	-0.528198447	0.950368354	-0.555782866	0.5783593	0.971613657
<i>Bzrap1</i>	-0.479612729	0.40293695	-1.190292249	0.233931546	0.89581803
<i>Mks1</i>	-0.139508953	0.234567871	-0.594748771	0.552011416	0.968926429
<i>Dynll2</i>	0.130785162	0.139706799	0.93614028	0.349200966	0.921585102
<i>Srsf1</i>	-0.159654644	0.087623921	-1.82204406	0.068448301	0.743426713
<i>Vezf1</i>	0.017130021	0.115428356	0.148403922	0.882024005	0.992886758
<i>2210416O15Rik</i>	-0.036681085	1.350169925	-0.027167755	0.978325934	0.997262526
<i>Cuedc1</i>	0.12802683	0.188243949	0.680111265	0.496434012	0.960362776
<i>Mrps23</i>	0.200312485	0.16109902	1.243412193	0.213715979	0.884945675
<i>Msi2</i>	-0.063783274	0.102638918	-0.621433619	0.534314358	0.96674935
<i>0610039H22Rik</i>	0.267547644	1.675613981	0.159671408	0.873139925	0.992886758
<i>C030037D09Rik</i>	0.143296926	0.570031075	0.251384412	0.801516919	0.990988839
<i>Akap1</i>	0.103609879	0.171823937	0.603000263	0.546508514	0.967812517
<i>Scpep1</i>	-0.103115525	0.152469286	-0.676303584	0.498847918	0.960700483
<i>Coil</i>	-0.144242007	0.193624496	-0.744957428	0.456297456	0.951472839
<i>Trim25</i>	0.078658075	0.142197485	0.553160802	0.580153306	0.971613657
<i>Dgke</i>	-0.313054359	0.2724788	-1.148912721	0.250591972	0.896939594
<i>Dgkeos</i>	0.720891528	0.731532009	0.985454524	0.324400859	0.91640698
<i>Gm525</i>	0.666944835	0.54918599	1.214424343	0.224585724	0.892989918
<i>4932411E22Rik</i>	-1.263588832	1.22500135	-1.031499951	0.302306431	0.911518274
<i>Ankfn1</i>	3.523981289	2.009217298	1.7539075	0.079446358	0.75659671
<i>Pctp</i>	0.255354597	0.125228506	2.039109183	0.041439132	0.679118604
<i>Tmem100</i>	-0.04158718	0.128312466	-0.324108645	0.745855782	0.988585656
<i>Mmd</i>	0.114368505	0.128511219	0.889949574	0.373492963	0.928840865
<i>Hlf</i>	-0.289804119	0.349417675	-0.829391699	0.406882797	0.939557159
<i>Stxbp4</i>	-0.625523426	0.224018731	-2.792281795	0.005233775	0.406593461
<i>Cox11</i>	-0.050223296	0.182968536	-0.274491433	0.783706986	0.990988839
<i>Tom1l1</i>	-0.16866684	0.168376644	-1.001723496	0.316477155	0.91640698
<i>Utp18</i>	0.133109895	0.136195873	0.977341622	0.328400054	0.917115058
<i>Mbtd1</i>	-0.001778105	0.137021514	-0.012976834	0.989646275	0.998328992
<i>Nme2</i>	0.253153346	0.24634038	1.027656717	0.304111335	0.911786415
<i>Nme1</i>	0.176313786	0.154109917	1.144078132	0.252591236	0.897044747
<i>Spag9</i>	-0.111861885	0.121495824	-0.920705591	0.357204156	0.924354588
<i>Tob1</i>	-0.062489815	0.108394045	-0.576505981	0.564273228	0.969658675
<i>Wfikkn2</i>	0.512826643	0.731161524	0.701386254	0.483061998	0.957463006
<i>Luc7l3</i>	-0.038865755	0.105750793	-0.367522113	0.7132296	0.988585656
<i>Ankrd40</i>	-0.02465241	0.072563085	-0.339737626	0.734054124	0.988585656
<i>Abcc3</i>	0.049921389	0.179343511	0.278356259	0.780738893	0.990988839
<i>Cacna1g</i>	-0.014048204	1.72478395	-0.008144906	0.993501377	0.999270171
<i>Spata20</i>	0.763749714	2.580331861	0.295988948	0.767238521	0.989884648

<i>Epn3</i>	-0.43267566	0.1650654	-2.621237767	0.008761113	0.475600561
<i>Mycbpap</i>	0.104252397	0.214150034	0.486819426	0.626386302	0.97658408
<i>Rsad1</i>	0.059390425	0.466631064	0.127274907	0.89872282	0.994364545
<i>Acsf2</i>	-0.07220398	0.318892531	-0.226421046	0.820873961	0.992886758
<i>Chad</i>	-0.420042119	0.373639114	-1.124192043	0.260931564	0.897248195
<i>Lrrc59</i>	-0.031152703	0.116407863	-0.267616828	0.788994277	0.990988839
<i>Eme1</i>	-0.507582545	1.143032295	-0.44406667	0.656994383	0.979614766
<i>Mrpl27</i>	0.50378676	0.143166626	3.518884068	0.000433366	0.139568962
<i>Xylt2</i>	0.430709726	0.24970457	1.724877226	0.084549601	0.76099108
<i>Gm11545</i>	-0.981361909	0.948936315	-1.034170464	0.30105648	0.911162941
<i>Col1a1</i>	0.283305017	0.229228227	1.235908074	0.216492736	0.887633697
<i>Sgca</i>	-0.356373843	0.861273533	-0.41377545	0.679038565	0.983903958
<i>Ppp1r9b</i>	-0.043343119	0.202693898	-0.213835342	0.830675463	0.992886758
<i>Samd14</i>	0.224881943	0.316847316	0.709748612	0.477860041	0.957303176
<i>Pdk2</i>	-0.110232932	0.261958572	-0.420802919	0.673899	0.983375962
<i>Itga3</i>	-0.086010235	0.154000109	-0.558507626	0.576497799	0.971613657
<i>Dlx4</i>	1.231567752	2.226285246	0.55319405	0.580130541	0.971613657
<i>A730090H04Rik</i>	1.36687748	1.209164158	1.130431688	0.258294368	0.897248195
<i>Tac4</i>	0.596913092	1.619933234	0.368480058	0.712515312	0.988585656
<i>Kat7</i>	-0.205925702	0.249525082	-0.825270549	0.409218008	0.940809748
<i>Fam117a</i>	-0.082576655	0.19535111	-0.42270891	0.672507654	0.983233856
<i>Slc35b1</i>	-0.224957532	0.121651341	-1.849198951	0.06442909	0.73299549
<i>Spop</i>	0.063717045	0.065705718	0.96973363	0.332179283	0.917115058
<i>Nxph3</i>	0.180703497	0.183110809	0.986853247	0.323714587	0.91640698
<i>Ngfr</i>	-2.572651383	2.266269498	-1.135192167	0.256294811	0.897248195
<i>Phb</i>	0.260153731	0.163491797	1.591234151	0.11155689	0.800752782
<i>Zfp652os</i>	0.995317283	1.135633096	0.876442653	0.38078944	0.930293159
<i>Zfp652</i>	0.221522884	0.305759846	0.724499595	0.468759076	0.954173973
<i>Phospho1</i>	-0.161045855	0.994811763	-0.161885756	0.87139582	0.992886758
<i>Abi3</i>	0.097992213	0.204809945	0.478454369	0.632326845	0.977034429
<i>Gngt2</i>	0.62308042	0.168263213	3.703010362	0.000213056	0.091541268
<i>4833417C18Rik</i>	1.962342389	0.743440713	2.639541197	0.008301833	0.468007836
<i>B4galnt2</i>	0.643077246	1.013498729	0.634512139	0.525746647	0.965637248
<i>Igf2bp1</i>	0.766786759	0.75142097	1.020448975	0.307515577	0.9139204
<i>Snf8</i>	0.325778305	0.149800051	2.174754309	0.029648533	0.649459041
<i>Ube2z</i>	0.008646777	0.131134475	0.065938241	0.947426995	0.995343964
<i>Atp5g1</i>	-0.000371707	0.09500824	-0.00391237	0.996878388	0.999449398
<i>Calcoco2</i>	0.693907675	0.568542668	1.220502371	0.222274491	0.892391445
<i>Ttll6</i>	-1.0989943	0.476178818	-2.307944532	0.021002222	0.605836174
<i>Hoxb8</i>	0.950776658	1.368733646	0.694639648	0.487281159	0.958288569
<i>Hoxb7</i>	0.211917612	0.346617968	0.61138669	0.540943612	0.967041099
<i>Hoxb5os</i>	0.927727705	0.345428645	2.685728931	0.007237178	0.452031612
<i>Hoxb6</i>	0.55086461	0.299837017	1.83721348	0.066178386	0.738254074
<i>Hoxb5</i>	0.236219229	0.317130695	0.74486397	0.456353958	0.951472839
<i>Hoxb4</i>	0.087504634	0.262071523	0.333896001	0.738458037	0.988585656
<i>Hoxb3</i>	0.331494671	0.28244795	1.173648709	0.240535763	0.896939594
<i>Hoxb2</i>	0.010417661	0.159004531	0.065518013	0.947761565	0.995503286
<i>Skap1</i>	0.304361791	0.206136432	1.476506543	0.13980796	0.836746541
<i>Snx11</i>	-0.136542851	0.175405487	-0.778441162	0.436308981	0.946762848
<i>Cbx1</i>	0.301213667	0.123455428	2.439857614	0.014693052	0.554936045
<i>Gm11517</i>	-0.081470442	0.343843156	-0.236940712	0.812702785	0.992000477
<i>Nfe2l1</i>	-0.130226994	0.131750562	-0.988435967	0.32293918	0.91640698
<i>Copz2</i>	0.21953221	0.117997428	1.860483006	0.062817221	0.727650961
<i>Cdk5rap3</i>	0.132870815	0.168713938	0.787550904	0.430959442	0.945321484
<i>Prr15l</i>	-0.231199561	0.149541729	-1.546053819	0.122091571	0.816293642
<i>Pnp0</i>	0.012834373	0.170252485	0.075384348	0.939908913	0.994688009
<i>D030028A08Rik</i>	0.022223188	0.524934956	0.042335128	0.966231543	0.996474415
<i>Sp2</i>	-0.106822051	0.374307164	-0.285386072	0.775348377	0.990861469
<i>Sp6</i>	0.777227027	0.438796808	1.771268644	0.076516039	0.752876039
<i>Scrn2</i>	-0.150889193	0.202230799	-0.746123706	0.45559269	0.951331609
<i>Lrrc46</i>	-0.595442814	0.28695595	-2.075032125	0.037983557	0.679118604
<i>Mrpl10</i>	0.027488352	0.118835873	0.231313583	0.817071195	0.992678823

<i>Osbpl7</i>	0.36128517	0.350106222	1.031930163	0.302104835	0.911518274
<i>Tbx21</i>	0.781773434	0.750290974	1.041960334	0.29743007	0.909070179
<i>Tbkbp1</i>	-0.236415818	0.164386466	-1.438170817	0.150385593	0.849879783
<i>Kpnb1</i>	0.00763372	0.144848336	0.052701469	0.957969769	0.996226826
<i>Npepps</i>	-0.373931827	0.165833625	-2.254861315	0.024142035	0.623681975
<i>Mrpl45</i>	-0.206805619	0.123675689	-1.672160636	0.09449265	0.777748075
<i>Gpr179</i>	-0.276577676	1.042018734	-0.26542486	0.790682187	0.990988839
<i>Socs7</i>	-0.105549249	0.215094174	-0.4907118	0.623630299	0.975691835
<i>Arhgap23</i>	0.266866387	0.216995187	1.229826297	0.218762158	0.888671255
<i>Srcin1</i>	-0.139268575	0.476191776	-0.292463209	0.769932485	0.989990452
<i>Z410003L11Rik</i>	-1.32154249	1.182542132	-1.117543683	0.263761933	0.897248195
<i>E130012A19Rik</i>	0.052177382	0.28855699	0.180821758	0.856507484	0.992886758
<i>Mllt6</i>	-0.019837644	0.162638992	-0.12197348	0.902920021	0.994688009
<i>Cisd3</i>	-0.051178727	0.147336786	-0.347358781	0.728321795	0.988585656
<i>Pcgf2</i>	-0.200055287	0.268366444	-0.745455669	0.455996301	0.951472839
<i>Psmb3</i>	0.006734862	0.126838638	0.05309787	0.957653928	0.996226826
<i>Pip4k2b</i>	-0.039314926	0.185406712	-0.212046942	0.832070413	0.992886758
<i>Cwc25</i>	-0.132394894	0.255167948	-0.518853935	0.603862603	0.974001549
<i>Rpl23</i>	0.234411799	0.099192147	2.36320924	0.018117437	0.58167504
<i>Lasp1</i>	-0.097457297	0.220459631	-0.44206414	0.658442793	0.979746192
<i>B230217C12Rik</i>	-0.114658852	0.47060046	-0.243643731	0.807506757	0.99099448
<i>Fbxo47</i>	-0.760187876	1.369419811	-0.555116751	0.578814806	0.971613657
<i>Plxdc1</i>	0.002756912	0.319759184	0.008621839	0.993120853	0.999241028
<i>Arl5c</i>	0.403074944	0.282320183	1.427722738	0.153371679	0.854159937
<i>Cacnb1</i>	-0.255695312	0.44679846	-0.572283334	0.567130039	0.970862413
<i>Rpl19</i>	0.223729815	0.18774533	1.191666471	0.23339205	0.89581803
<i>Stac2</i>	0.358996359	0.529148034	0.678442205	0.497491357	0.960690117
<i>Fbxl20</i>	-0.313485485	0.242668393	-1.291826601	0.196417201	0.879755417
<i>Med1</i>	0.022420823	0.191142021	0.11729929	0.906622888	0.994688009
<i>Cdk12</i>	0.195342208	0.352147265	0.554717379	0.579087987	0.971613657
<i>Ppp1r1b</i>	0.365148855	0.285174619	1.280439529	0.200390599	0.880888611
<i>Stard3</i>	-0.070329886	0.120653794	-0.582906542	0.559956217	0.968926429
<i>Tcap</i>	-0.233399598	0.249270463	-0.936330744	0.349102924	0.921552698
<i>Pnmt</i>	-0.530432777	0.506212632	-1.047845794	0.29470966	0.907334416
<i>Pgap3</i>	-0.211630798	0.309066965	-0.684740921	0.493507422	0.958916246
<i>Erbp2</i>	0.059546637	0.230202624	0.258670538	0.795889453	0.990988839
<i>Mien1</i>	0.282866101	0.202874584	1.394290476	0.163229906	0.859982992
<i>Grb7</i>	-0.082344625	0.168760767	-0.487937014	0.625594456	0.97639266
<i>Ikzf3</i>	0.471008102	0.350134397	1.345220882	0.178553915	0.867377413
<i>Zbp2</i>	-0.405986683	1.027228882	-0.395225145	0.692676737	0.986599035
<i>Ormdl3</i>	-0.017316094	0.133831702	-0.129387087	0.897051365	0.994101834
<i>Psmc3</i>	0.11736841	0.17064363	0.687798362	0.491579767	0.958916246
<i>Csf3</i>	-0.075367138	1.356216819	-0.0555716	0.95568309	0.99614946
<i>Med24</i>	-0.133255109	0.298037013	-0.447109262	0.654796172	0.979133069
<i>Thra</i>	0.10444189	0.145044453	0.720068142	0.471483041	0.95486913
<i>Nr1d1</i>	0.032688905	0.177995308	0.183650375	0.854287741	0.992886758
<i>Msl1</i>	0.185701847	0.132350193	1.403109751	0.160584114	0.857316691
<i>Gm12359</i>	0.654264506	1.548302563	0.422568897	0.672609823	0.983233856
<i>Casc3</i>	-0.1204935	0.186410864	-0.646386685	0.518028961	0.964452679
<i>Rapgef1</i>	-0.456175093	0.889465364	-0.512864369	0.608046199	0.974001549
<i>Wipf2</i>	0.094488138	0.27172103	0.347739511	0.728035821	0.988585656
<i>Cdc6</i>	-0.30387499	0.503029671	-0.604089595	0.545784077	0.967747244
<i>Rara</i>	0.058070982	0.222916075	0.26050603	0.794473464	0.990988839
<i>Top2a</i>	-0.271969283	0.361349563	-0.752648713	0.451661037	0.949134998
<i>Igfbp4</i>	-0.051455718	0.131908096	-0.390087638	0.696471743	0.987490725
<i>Tns4</i>	0.271164793	0.56860357	0.476896044	0.633436149	0.977034429
<i>Ccr7</i>	-0.541701999	0.303377534	-1.78557058	0.074168814	0.750704981
<i>Smarce1</i>	0.027469536	0.088084276	0.311855163	0.755150599	0.989196392
<i>Krt222</i>	0.799964238	0.647176558	1.236083458	0.216427543	0.887633697
<i>Krt10</i>	0.340005678	0.232017924	1.465428497	0.142804047	0.840741274
<i>Krt23</i>	0.497167213	0.213062974	2.333428493	0.019625667	0.593385684
<i>Krtap17-1</i>	0.388002653	0.299995422	1.293361915	0.195885916	0.879601031

<i>Krt13</i>	-0.250286855	1.176362085	-0.212763449	0.831511474	0.992886758
<i>Krt15</i>	-0.841977641	0.583495773	-1.442988417	0.149023734	0.848779008
<i>Krt19</i>	-0.030513452	0.145596934	-0.209574824	0.833999531	0.992886758
<i>Krt14</i>	-0.160645839	0.888160606	-0.180874763	0.856465878	0.992886758
<i>Krt17</i>	0.379413039	1.955771811	0.193996578	0.846178561	0.992886758
<i>Eif1</i>	0.018208478	0.108589421	0.167681883	0.86683355	0.992886758
<i>Hap1</i>	-0.40034819	0.34632404	-1.155993071	0.247683991	0.896939594
<i>Jup</i>	-0.06156092	0.23692177	-0.259836484	0.794989907	0.990988839
<i>P3h4</i>	0.142111233	0.173278308	0.82013285	0.412140377	0.942121471
<i>Fkbp10</i>	0.0473152	0.287765401	0.164422823	0.869398298	0.992886758
<i>Nt5c3b</i>	0.234673013	0.156118724	1.503170197	0.132795161	0.827800491
<i>Klhl10</i>	-0.257839473	1.18884779	-0.216881821	0.828300445	0.992886758
<i>Klhl11</i>	-0.601114042	0.491980742	-1.221824332	0.221774065	0.891628949
<i>Acly</i>	-0.252987675	0.119084699	-2.124434779	0.033633804	0.671818913
<i>Ttc25</i>	-0.335066528	0.330841944	-1.012769192	0.31117042	0.914819219
<i>Cnp</i>	0.01736823	0.177092621	0.098074272	0.921873317	0.994688009
<i>Dnajc7</i>	0.039189359	0.150146432	0.261007594	0.794086651	0.990988839
<i>Nkiras2</i>	0.073279288	0.14259052	0.513914167	0.607312002	0.974001549
<i>Dhx58</i>	0.086443891	0.295805615	0.292232083	0.770109183	0.989990452
<i>Kat2a</i>	-0.184364752	0.313038233	-0.588952827	0.555892919	0.968926429
<i>Hspb9</i>	0.082594428	0.892448827	0.092548083	0.926262591	0.994688009
<i>Rab5c</i>	0.030768788	0.08801492	0.349586051	0.726649381	0.988585656
<i>Kcnh4</i>	0.261720566	1.750321703	0.149527121	0.88113771	0.992886758
<i>Ghdc</i>	-0.275785648	0.212870321	-1.295557061	0.195128131	0.879588734
<i>Stat5b</i>	-0.169398979	0.164890901	-1.027339763	0.304260505	0.911879006
<i>Stat5a</i>	0.103403541	0.307964101	0.335764917	0.737048148	0.988585656
<i>Stat3</i>	-0.208551292	0.137150755	-1.52059893	0.128360515	0.826336015
<i>Ptrf</i>	0.105840291	0.182316633	0.580530085	0.561557205	0.969558766
<i>Atp6v0a1</i>	-0.19787825	0.239395993	-0.82657294	0.40847916	0.940123943
<i>Naglu</i>	-0.450115146	0.197913439	-2.274303089	0.02294777	0.620006604
<i>Hsd17b1</i>	-0.473956823	1.418827743	-0.334048179	0.738343203	0.988585656
<i>Coasy</i>	0.204339843	0.123172574	1.658971933	0.097121448	0.782676152
<i>Mlx</i>	-0.027407912	0.166044072	-0.165064082	0.868893544	0.992886758
<i>Psmc3ip</i>	0.622938161	0.216131818	2.882214048	0.003948914	0.378480793
<i>Fam134c</i>	0.102688087	0.096130376	1.068216853	0.285422704	0.905916508
<i>Tubg1</i>	0.208693207	0.182998968	1.140406471	0.254116998	0.897044747
<i>Tubg2</i>	0.743580393	0.535752278	1.387918304	0.165161924	0.860011234
<i>Plekhh3</i>	-0.042928321	0.302069917	-0.142113856	0.886990074	0.992886758
<i>Ccr10</i>	-1.716606065	1.801888304	-0.95267063	0.340756979	0.919850248
<i>Cntnap1</i>	0.824166954	1.023392297	0.805328471	0.420630156	0.943415794
<i>Ezh1</i>	-0.220710791	0.156997311	-1.40582529	0.15977601	0.85670375
<i>Ramp2</i>	-0.169820669	0.119024231	-1.426773925	0.153645069	0.854159937
<i>Vps25</i>	-0.006232174	0.103194878	-0.060392283	0.951843205	0.996023481
<i>Wnk4</i>	0.303796025	0.262245184	1.158442723	0.246683413	0.896939594
<i>Coa3</i>	0.343109635	0.242986754	1.412050775	0.157935011	0.855986074
<i>Cntd1</i>	0.053216007	0.515594405	0.103212925	0.917793982	0.994688009
<i>Becn1</i>	0.227422957	0.099577952	2.283868582	0.022379256	0.619833063
<i>Psme3</i>	-0.181758955	0.14410153	-1.261325642	0.207191546	0.883765092
<i>Aoc2</i>	-0.186461767	0.661457826	-0.281895171	0.778023892	0.990988839
<i>Aoc3</i>	-0.808041793	0.681434966	-1.185794439	0.235703488	0.896002526
<i>Aarsd1</i>	0.160186209	0.164214278	0.975470655	0.329326851	0.917115058
<i>Ptges3l</i>	0.331476427	0.239960255	1.381380542	0.167161985	0.860403806
<i>Rundc1</i>	-0.270503271	0.185510261	-1.458157996	0.144796999	0.842516249
<i>Rpl27</i>	0.574273523	0.188682745	3.043593211	0.00233771	0.31402518
<i>Ifi35</i>	0.054487388	0.121213864	0.449514491	0.653060557	0.979004493
<i>Vat1</i>	-0.176787097	0.190315124	-0.92891775	0.352931713	0.923596102
<i>Rnd2</i>	0.333581502	0.180639786	1.846666831	0.064795442	0.733548823
<i>Bra1</i>	-0.113960416	0.616822108	-0.184754104	0.853421908	0.992886758
<i>Nbr1</i>	-0.325093141	0.258985125	-1.255257962	0.20938513	0.884258007
<i>Tmem106a</i>	-0.23185042	0.208317521	-1.112966487	0.265722823	0.89768067
<i>Rdm1</i>	0.225965545	0.196317345	1.151021804	0.249723265	0.896939594
<i>Arl4d</i>	-0.068275256	0.373616052	-0.182741763	0.855000645	0.992886758

<i>Dhx8</i>	-0.181907515	0.296866388	-0.61275888	0.540035783	0.966900344
<i>Etv4</i>	-0.314950118	1.471484984	-0.214035564	0.830519324	0.992886758
<i>Meox1</i>	0.291669175	0.1636204	1.78259664	0.074651987	0.75241101
<i>Sost</i>	0.610009555	1.029265184	0.592665101	0.553405301	0.968926429
<i>Dusp3</i>	-0.192499607	0.112667942	-1.708557064	0.087533028	0.766704005
<i>Mpp3</i>	-0.639811813	0.480230822	-1.332300601	0.18276143	0.869194833
<i>Cd300lg</i>	-0.284279924	0.288077599	-0.986817181	0.32373227	0.91640698
<i>Mpp2</i>	-0.777223653	0.463709678	-1.6760997	0.093718665	0.775558829
<i>Ppy</i>	1.62991552	0.841531453	1.936844446	0.052764361	0.707153766
<i>Nags</i>	-0.028326516	0.931198118	-0.03041943	0.975732549	0.997262526
<i>Tmem101</i>	0.139493488	0.214244224	0.651095679	0.514984726	0.964352198
<i>Lsm12</i>	0.18971124	0.172208856	1.101634637	0.270620544	0.89804647
<i>G6pc3</i>	-0.102828105	0.178327928	-0.576623675	0.564193702	0.969658675
<i>Hdac5</i>	0.280656721	0.133808104	2.097456818	0.035953156	0.674795441
<i>BC030867</i>	-0.610545243	1.78795947	-0.341475997	0.732745271	0.988585656
<i>Tmub2</i>	-0.053358045	0.134349191	-0.39715941	0.691249912	0.986191149
<i>Atxn7l3</i>	-0.212647758	0.168284755	-1.263618668	0.20636693	0.883765092
<i>Ubtf</i>	-0.001580439	0.126378819	-0.012505571	0.990022258	0.998417328
<i>Slc4a1</i>	1.271239219	0.976516345	1.301810487	0.192981178	0.879588734
<i>Rundc3a</i>	0.023488934	0.493727175	0.047574723	0.962055177	0.996474415
<i>Slc25a39</i>	-0.076864003	0.134016093	-0.573543086	0.566277035	0.970426802
<i>Grn</i>	-0.264082657	0.220250839	-1.199008628	0.230524591	0.895404344
<i>Fam171a2</i>	0.4099323	0.290571225	1.410780781	0.158309263	0.855986074
<i>Itga2b</i>	0.450463091	0.346935084	1.298407431	0.194147367	0.879588734
<i>Gpatch8</i>	-0.290234749	0.224803665	-1.291058798	0.19668329	0.879755417
<i>Gm11627</i>	0.205421969	0.243936019	0.842114133	0.399724071	0.936395796
<i>Fzd2</i>	-0.068726706	0.298243601	-0.230438157	0.817751314	0.992734473
<i>2810433D01Rik</i>	0.263672344	0.271292398	0.971912026	0.331094316	0.917115058
<i>Gm1564</i>	-0.359567242	1.576372768	-0.228097852	0.81957017	0.992886758
<i>Ccdc43</i>	-0.089918782	0.14157577	-0.635128327	0.525344724	0.965637248
<i>Adam11</i>	-2.018833407	0.991588259	-2.03595937	0.041754435	0.679118604
<i>Gjc1</i>	0.079242519	0.199605418	0.396995835	0.691370532	0.986196635
<i>Higd1b</i>	0.436002523	0.206551738	2.110863498	0.034784046	0.674795441
<i>Eftud2</i>	0.048856603	0.107189103	0.455798225	0.648535081	0.979004493
<i>Ccdc103</i>	-0.098991988	0.20208291	-0.489858285	0.624234184	0.975969024
<i>Gfap</i>	0.462063041	0.599008922	0.77137923	0.440482182	0.947904651
<i>Kif18b</i>	2.145780491	1.285030503	1.669828449	0.09495331	0.778239075
<i>2410004I01Rik</i>	0.468312908	0.210482589	2.224948442	0.0260847	0.631530315
<i>Dcakd</i>	-0.272035228	0.27974841	-0.972428145	0.330837596	0.917115058
<i>Nmt1</i>	-0.115867095	0.123563559	-0.937712509	0.348392173	0.921552698
<i>Plcd3</i>	0.317063911	0.291163627	1.088954394	0.276173997	0.900302631
<i>Acbd4</i>	0.096415698	0.12536658	0.769070182	0.441851648	0.948476447
<i>Hexim1</i>	-0.049925496	0.165823074	-0.301076894	0.76335586	0.989285682
<i>Hexim2</i>	0.68802539	0.536081488	1.283434339	0.19933995	0.880831248
<i>Fmnl1</i>	0.105406293	0.304277009	0.346415567	0.729030428	0.988585656
<i>1700023F06Rik</i>	-0.287440193	0.864170471	-0.332619781	0.73942131	0.988585656
<i>Map3k14</i>	0.007086326	0.227082247	0.03120599	0.975105263	0.997262526
<i>Arhgap27</i>	0.207730685	0.205816211	1.009301861	0.312829888	0.914819219
<i>Arhgap27os3</i>	0.285745975	1.602802078	0.178279014	0.858503859	0.992886758
<i>Plekham1</i>	0.03650698	0.195394891	0.186836921	0.851788498	0.992886758
<i>Rprml</i>	-0.195051521	0.403918943	-0.482897681	0.629168389	0.977034429
<i>Gosr2</i>	-0.048202742	0.126194242	-0.38197259	0.702481696	0.988482081
<i>C130046K22Rik</i>	0.086166571	0.282399253	0.305123226	0.760272302	0.989266039
<i>Wnt9b</i>	2.361757082	1.442994335	1.63670572	0.101691973	0.788783372
<i>Nsf</i>	-0.374655224	0.207395601	-1.806476229	0.070843984	0.744227652
<i>Arf2</i>	0.002428626	0.100485261	0.024168973	0.980717827	0.997296835
<i>Mapt</i>	0.176981116	0.165349878	1.070343191	0.28446486	0.905916508
<i>Kansl1</i>	-0.186421044	0.233492283	-0.798403449	0.424636403	0.944280828
<i>Cdc27</i>	-0.369722534	0.130731062	-2.828115428	0.004682292	0.391906015
<i>Myl4</i>	0.50705347	0.29831805	1.699707643	0.089185931	0.768297719
<i>Gm11665</i>	1.620967752	1.639720921	0.988563195	0.322876901	0.91640698
<i>Itgb3</i>	0.013374131	0.221065353	0.060498542	0.951758577	0.996023481

<i>Mettl2</i>	0.023138687	0.134083423	0.172569333	0.862989959	0.992886758
<i>Tlk2</i>	-0.084462803	0.16702421	-0.505691977	0.613072901	0.974001549
<i>1700052K11Rik</i>	0.318198753	0.265630134	1.197901566	0.23095534	0.895404344
<i>Mrc2</i>	0.146907968	0.1568645	0.936527816	0.349001498	0.921552698
<i>Mar-10</i>	1.163214273	1.045399877	1.112697924	0.265838188	0.89768067
<i>Tanc2</i>	0.252604594	0.293663986	0.860182404	0.389688503	0.933734231
<i>Cyb561</i>	-0.102368051	0.172282268	-0.594187969	0.552386398	0.968926429
<i>Ace</i>	-0.167690382	0.206915218	-0.810430394	0.417692855	0.943415794
<i>Ace3</i>	-0.619617431	0.517920115	-1.196357148	0.231557216	0.895404344
<i>Dcaf7</i>	0.072318682	0.225275646	0.32102308	0.7481929	0.988585656
<i>Taco1</i>	0.195825652	0.20816251	0.940734487	0.346840941	0.921552698
<i>Map3k3</i>	-0.223687535	0.170698734	-1.310422927	0.190052802	0.876945711
<i>Limd2</i>	0.12815273	0.109456376	1.17081101	0.241674751	0.896939594
<i>Strada</i>	-0.285017302	0.254059816	-1.121851172	0.261925724	0.897248195
<i>Ccdc47</i>	-0.128500469	0.134509407	-0.955327	0.339412358	0.919246575
<i>Ddx42</i>	0.003301916	0.197809312	0.016692422	0.986681993	0.998148029
<i>Ftsj3</i>	-0.294040521	0.287985324	-1.02102606	0.307242092	0.9139204
<i>Psmc5</i>	0.148907363	0.096743168	1.539202885	0.123754774	0.820382953
<i>Smarcd2</i>	-0.204625513	0.157040868	-1.303008039	0.192572017	0.879588734
<i>Cd79b</i>	0.274795017	0.339512298	0.809381628	0.418295667	0.943415794
<i>Scn4a</i>	0.25774256	1.375576088	0.187370631	0.851370048	0.992886758
<i>Prr29</i>	0.039411572	0.245734515	0.160382728	0.872579594	0.992886758
<i>Icam2</i>	0.025458631	0.112439653	0.226420397	0.820874465	0.992886758
<i>Ern1</i>	-0.049144987	0.414753725	-0.118491973	0.905677855	0.994688009
<i>Snord104</i>	0.360472888	0.353829885	1.018774569	0.308310002	0.9139204
<i>Tex2</i>	-0.003728928	0.162601202	-0.022932965	0.981703745	0.997390438
<i>Pecam1</i>	-0.090546449	0.157364354	-0.575393645	0.565025101	0.969658675
<i>Milr1</i>	0.318356119	0.219109164	1.452956655	0.146235789	0.843780493
<i>Polg2</i>	0.003671271	0.295224869	0.012435507	0.990078157	0.998417328
<i>Ddx5</i>	-0.127347957	0.101007123	-1.260781938	0.207387423	0.883765092
<i>Mir3064</i>	0.478700524	0.585850594	0.817103421	0.413869328	0.943415794
<i>Cep95</i>	0.059559275	0.2321428	0.256563092	0.79751607	0.990988839
<i>Smurf2</i>	-0.193273824	0.129255588	-1.495284097	0.134840314	0.829704995
<i>Kpna2</i>	-0.162829382	0.147925335	-1.100753857	0.271003799	0.89804647
<i>1810010H24Rik</i>	-0.094646746	0.162443289	-0.582644853	0.560132405	0.968926429
<i>Bptf</i>	0.009793362	0.196455716	0.049850229	0.960241739	0.996474415
<i>Nol11</i>	-0.288510667	0.208875757	-1.381254919	0.167200594	0.860403806
<i>Pitpnc1</i>	0.114485198	0.140261944	0.816224237	0.414371897	0.943415794
<i>Psmc12</i>	0.003872125	0.097584171	0.039679852	0.968348365	0.996474415
<i>Helz</i>	-0.304387698	0.613710886	-0.495978978	0.619909243	0.974471036
<i>Prkca</i>	-0.400363147	0.252933902	-1.58287657	0.1134496	0.806530837
<i>Apoh</i>	2.336587974	1.870555975	1.2491409	0.211613544	0.884755882
<i>Cep112</i>	-0.126221567	0.335711862	-0.375981851	0.706930389	0.988585656
<i>Axin2</i>	-0.537467023	0.26215343	-2.050200235	0.040344895	0.679118604
<i>E030025P04Rik</i>	0.614029842	1.632529955	0.376121639	0.706826468	0.988585656
<i>Rgs9</i>	-0.200984018	0.336263857	-0.597697354	0.550041891	0.968926429
<i>1700096J18Rik</i>	-1.680329022	1.606455988	-1.045985097	0.295567913	0.908201248
<i>Gm11696</i>	-0.654347883	0.368697342	-1.77475617	0.075938156	0.752876039
<i>Gna13</i>	-0.079491086	0.157005156	-0.506296024	0.612648854	0.974001549
<i>Amz2</i>	0.087016208	0.121202055	0.717943342	0.472792222	0.955238041
<i>Slc16a6</i>	0.113559455	0.506120314	0.22437245	0.822467506	0.992886758
<i>Arsg</i>	-0.251383281	0.301072083	-0.834960446	0.403739979	0.937834293
<i>Wipi1</i>	-0.315339581	0.229711122	-1.372765839	0.169825154	0.861730117
<i>Prkar1a</i>	-0.114115063	0.086978668	-1.311989086	0.189523817	0.876091552
<i>Fam20a</i>	-0.13603758	0.436189451	-0.311877282	0.755133788	0.989196392
<i>Abca8b</i>	0.030099624	0.282389193	0.106589149	0.915114927	0.994688009
<i>Abca8a</i>	-0.033381346	0.142550384	-0.234172264	0.814851246	0.992116023
<i>Abca9</i>	-0.232169459	0.287952357	-0.806277335	0.420082956	0.943415794
<i>Abca6</i>	-0.551862638	0.465695467	-1.185029011	0.236005976	0.896109204
<i>Abca5</i>	-0.005203629	0.159248471	-0.032676161	0.973932834	0.997262526
<i>Map2k6</i>	-0.496237531	0.280797872	-1.767241065	0.077187865	0.75328528
<i>Kcnj2</i>	-0.319818976	0.225896212	-1.415778394	0.156840397	0.855906801

<i>Sox9</i>	-0.836930885	1.664519312	-0.502806353	0.615100427	0.974001549
<i>2610035D17Rik</i>	0.459717038	0.245997146	1.868790129	0.061652019	0.725730283
<i>Slc39a11</i>	-0.015970693	0.159666387	-0.10002539	0.920324168	0.994688009
<i>Sstr2</i>	0.393763896	0.813637039	0.483955224	0.628417647	0.977034429
<i>Cog1</i>	-0.446774038	0.24665274	-1.811348368	0.070086943	0.744227652
<i>Fam104a</i>	0.209309654	0.165705917	1.263139287	0.206539127	0.883765092
<i>D11Wsu47e</i>	-0.472640538	0.266095159	-1.776208707	0.075698524	0.752876039
<i>Cpsf4l</i>	1.823510256	2.438678002	0.747745399	0.454613742	0.951112066
<i>Cdc42ep4</i>	-0.010044544	0.183497391	-0.05473944	0.956346048	0.996173928
<i>Sdk2</i>	0.415107747	2.265723996	0.183211966	0.854631706	0.992886758
<i>Rpl38</i>	0.132689576	0.171825934	0.77223253	0.439976718	0.947849924
<i>Ttyh2</i>	0.078628992	0.368681889	0.213270558	0.831115937	0.992886758
<i>Dnaic2</i>	-0.38694982	0.163077151	-2.372802188	0.017653716	0.579835303
<i>Kif19a</i>	-0.333051509	0.343409866	-0.969836751	0.332127871	0.917115058
<i>Btbd17</i>	0.618081806	2.353182059	0.262657878	0.792814286	0.990988839
<i>Gprc5c</i>	-0.474854397	0.238631525	-1.989906395	0.046601248	0.698868643
<i>Cd300a</i>	0.801724676	0.211907652	3.78336823	0.00015472	0.077321054
<i>Cd300lb</i>	0.738750371	0.302574771	2.441546487	0.014624505	0.554936045
<i>Cd300c</i>	0.81346634	0.515359681	1.57844389	0.114463669	0.809025248
<i>Cd300ld</i>	0.452365582	0.224502267	2.014971113	0.043907676	0.688477147
<i>AF251705</i>	0.176337871	0.181089962	0.973758394	0.330176516	0.917115058
<i>Cd300e</i>	0.204208574	0.295793129	0.690376327	0.48995756	0.958560421
<i>Rab37</i>	0.772979337	0.392846014	1.967639505	0.049109531	0.707153766
<i>Cd300lf</i>	-0.117806893	0.280252553	-0.42035975	0.674222667	0.983375962
<i>Slc9a3r1</i>	-0.136986792	0.187549497	-0.730403406	0.465143637	0.953083512
<i>Nat9</i>	0.196149771	0.132556641	1.479743073	0.138941826	0.835236816
<i>Tmem104</i>	0.189201871	0.394007181	0.480199042	0.631085868	0.977034429
<i>Grin2c</i>	0.449399274	0.828558393	0.542386967	0.587551956	0.973455044
<i>Fdxr</i>	0.065303217	0.270172205	0.241709604	0.809005187	0.991192232
<i>Fads6</i>	-0.13711614	0.594667228	-0.230576251	0.81764402	0.992688423
<i>Hid1</i>	-0.195983919	0.232746222	-0.842049843	0.399760055	0.936395796
<i>Cdr2l</i>	-0.172875086	0.310916648	-0.556017463	0.578198917	0.971613657
<i>Ict1</i>	0.160289593	0.161751029	0.990964902	0.321702719	0.91640698
<i>Atp5h</i>	0.316163381	0.233402915	1.354581971	0.175550781	0.864596675
<i>Kctd2</i>	-0.086726008	0.118759649	-0.730264939	0.465228255	0.953083512
<i>Slc16a5</i>	-0.757245477	1.420981219	-0.532903227	0.594100571	0.974001549
<i>Armc7</i>	0.188713204	0.363030799	0.519826979	0.603184173	0.974001549
<i>Nt5c</i>	0.168339605	0.152918348	1.10084635	0.270963535	0.89804647
<i>Hn1</i>	0.143512872	0.145805104	0.984278791	0.324978455	0.91640698
<i>Sumo2</i>	0.205016735	0.106108836	1.932136303	0.053342685	0.707153766
<i>Nup85</i>	0.170305648	0.14710847	1.157687576	0.246991556	0.896939594
<i>Gga3</i>	0.060257926	0.325043274	0.185384318	0.852927608	0.992886758
<i>Mrps7</i>	0.098627397	0.116978056	0.843127341	0.399157229	0.936273856
<i>Mif4gd</i>	0.099741518	0.128144993	0.778348926	0.43636334	0.946762848
<i>Slc25a19</i>	-0.046569802	0.199932898	-0.23292716	0.815817968	0.992524109
<i>Grb2</i>	0.077962773	0.0807615	0.965345781	0.334371649	0.918030088
<i>2310067B10Rik</i>	-0.205327401	0.257875724	-0.796226176	0.425900586	0.944290206
<i>Caskin2</i>	0.202386196	0.218533638	0.926110036	0.354388799	0.924354588
<i>Tsen54</i>	0.076119003	0.153359408	0.496343878	0.619651814	0.974471036
<i>Llgl2</i>	0.088831363	0.187650707	0.473386776	0.635937262	0.977218605
<i>Recql5</i>	0.024886273	0.193691276	0.128484223	0.897765783	0.994101834
<i>Smim5</i>	0.034096863	0.157475467	0.216521747	0.828581075	0.992886758
<i>Smim6</i>	0.202422446	0.266550353	0.759415409	0.447604099	0.948476747
<i>Sap30bp</i>	0.146455904	0.117541122	1.245997159	0.212765438	0.884945675
<i>Itgb4</i>	-0.442998739	0.443836709	-0.998111985	0.318225059	0.91640698
<i>Galk1</i>	0.188343912	0.125641476	1.499058413	0.133858479	0.827800491
<i>H3f3b</i>	0.159465168	0.074190899	2.149389888	0.031603506	0.661395937
<i>Unk</i>	-0.082022916	0.322669113	-0.254201325	0.799340027	0.990988839
<i>Unc13d</i>	0.021732291	0.148041854	0.146798292	0.883291233	0.992886758
<i>Wbp2</i>	-0.312770335	0.217574278	-1.437533599	0.150566433	0.849879783
<i>Trim47</i>	0.262022141	0.185890567	1.409550494	0.158672454	0.855986074
<i>Trim65</i>	0.169260537	0.315810508	0.535956001	0.591988959	0.974001549

<i>Mrpl38</i>	0.139160164	0.138627366	1.003843384	0.315454109	0.91586731
<i>Fbf1</i>	-0.114124429	0.230893756	-0.494272476	0.621113761	0.97514112
<i>Acox1</i>	-0.009802665	0.141975014	-0.069045003	0.944953798	0.99486515
<i>Ten1</i>	0.006418703	0.15703116	0.040875348	0.967395271	0.996474415
<i>Cdk3-ps</i>	0.447784008	0.977730817	0.457982913	0.646964717	0.979004493
<i>Evpl</i>	0.275914783	0.478390036	0.576756961	0.564103648	0.969658675
<i>Srp68</i>	0.032555025	0.173146604	0.188020003	0.850860971	0.992886758
<i>Exoc7</i>	-0.01465935	0.166852468	-0.087858153	0.929989417	0.994688009
<i>Foxj1</i>	-0.23441991	0.133189209	-1.76005182	0.078399021	0.754732183
<i>Rnf157</i>	0.329729782	0.594108989	0.55499881	0.578895474	0.971613657
<i>Prpsap1</i>	-0.198881295	0.142462453	-1.396026041	0.162706653	0.859982992
<i>Sphk1</i>	-0.066265209	0.176309384	-0.375846184	0.707031251	0.988585656
<i>Ube2o</i>	-0.30032631	0.25648662	-1.170923887	0.241629373	0.896939594
<i>Rhbdf2</i>	-0.029371484	0.264980228	-0.110844059	0.911740006	0.994688009
<i>Cygb</i>	-0.000475906	0.159580855	-0.002982227	0.99762053	0.99957296
<i>Gm11744</i>	-0.211498829	0.392835629	-0.538390139	0.590307733	0.974001549
<i>1810032O08Rik</i>	0.316949061	0.250937284	1.263060854	0.206567311	0.883765092
<i>St6galnac2</i>	-0.055516436	0.172370146	-0.322076865	0.747394464	0.988585656
<i>Mxra7</i>	0.281178341	0.107913982	2.605578405	0.009171928	0.478229167
<i>Jmjd6</i>	0.030932869	0.14263923	0.216860881	0.828316764	0.992886758
<i>Mettl23</i>	0.282277157	0.260385841	1.084072607	0.278332607	0.9014752
<i>Srsf2</i>	-0.295734556	0.071525864	-4.134652	3.55E-05	0.026382421
<i>Mfsd11</i>	-0.028148759	0.156424791	-0.179950755	0.857191229	0.992886758
<i>Snhg20</i>	0.622046663	0.265383429	2.34395443	0.019080502	0.590246276
<i>Mir6516</i>	-0.168135556	1.159211423	-0.145043046	0.884676885	0.992886758
<i>Sec14l1</i>	-0.286625486	0.158068248	-1.813302096	0.06978524	0.744227652
<i>Sep-09</i>	-0.12795586	0.192084206	-0.66614462	0.505318667	0.962138588
<i>2900041M22Rik</i>	0.400769345	0.415044402	0.965605953	0.334241396	0.918030088
<i>Tnrc6c</i>	0.051128921	0.286988848	0.178156472	0.858600093	0.992886758
<i>Tmc6</i>	0.05106251	0.189300888	0.269742583	0.787358298	0.990988839
<i>Tmc8</i>	0.109737795	0.698666575	0.157067476	0.87519167	0.992886758
<i>Syngn2</i>	-0.22282196	0.140913193	-1.581271099	0.113816065	0.807243653
<i>Tk1</i>	0.430708004	0.276916334	1.555372331	0.11985742	0.81558552
<i>Afmid</i>	0.428997948	0.432622569	0.991621746	0.321382077	0.91640698
<i>Birc5</i>	-0.119969644	0.285389182	-0.42037208	0.674213661	0.983375962
<i>Tha1</i>	0.051874768	0.314589139	0.164896881	0.869025147	0.992886758
<i>Socs3</i>	-0.352693641	0.206707214	-1.706247375	0.087962032	0.7667678
<i>Pgs1</i>	0.017052457	0.141268405	0.12070963	0.903921031	0.994688009
<i>Dnah17</i>	1.516579837	1.438381306	1.054365648	0.291715544	0.907334416
<i>Cyth1</i>	0.047380929	0.148075242	0.319978736	0.74898445	0.988585656
<i>Usp36</i>	-0.226472319	0.229762336	-0.985680783	0.324289782	0.91640698
<i>Timp2</i>	-0.069151793	0.11412944	-0.605906703	0.544576708	0.967491297
<i>BC100451</i>	0.419955664	1.295602921	0.324139176	0.745832668	0.988585656
<i>Lgals3bp</i>	-0.230833252	0.195777146	-1.179061277	0.238373777	0.896609492
<i>Cant1</i>	-0.065716745	0.136596504	-0.481101224	0.630444558	0.977034429
<i>C1qtnf1</i>	-0.720416081	0.291141623	-2.474452377	0.013344061	0.539384266
<i>Gm11747</i>	4.040063128	1.556631858	2.595387669	0.009448428	0.479082259
<i>Engase</i>	0.031855663	0.276770389	0.115097799	0.908367604	0.994688009
<i>Rbfox3</i>	0.096196051	0.537783503	0.178875049	0.858035815	0.992886758
<i>Cbx2</i>	-0.101692322	0.458417749	-0.221833299	0.824443656	0.992886758
<i>Cbx8</i>	0.352657949	0.19116758	1.844758142	0.065072729	0.734014162
<i>Cbx4</i>	-0.202828061	0.304137609	-0.666895692	0.504838763	0.962138588
<i>Tbc1d16</i>	-0.053070707	0.159486027	-0.332760857	0.739314808	0.988585656
<i>Ccdc40</i>	-0.243622335	0.334754587	-0.727763994	0.466758069	0.953083512
<i>Gaa</i>	0.014430873	0.204777463	0.070471001	0.943818781	0.99486515
<i>Eif4a3</i>	-0.007074474	0.126801355	-0.055791782	0.955507681	0.99614946
<i>Sgsh</i>	0.253825479	0.399987325	0.634583805	0.525699893	0.965637248
<i>Slc26a11</i>	0.135334241	0.328440728	0.412050729	0.680302241	0.984207811
<i>Endov</i>	0.129431524	0.202887765	0.637946425	0.523508556	0.965637248
<i>Nptx1</i>	-0.559895745	0.383556102	-1.459749284	0.144358992	0.841934045
<i>Rptor</i>	0.063537731	0.209021245	0.30397738	0.761145124	0.989266039
<i>Rptoros</i>	-0.232856053	0.266051194	-0.87523025	0.381448637	0.930635634

<i>Chmp6</i>	0.171573257	0.123268969	1.391860887	0.163964528	0.859982992
<i>Baiap2</i>	-0.319121335	0.176125605	-1.811896318	0.070002218	0.744227652
<i>Aatk</i>	-0.212146336	0.336975883	-0.629559405	0.52898289	0.965637248
<i>Cep131</i>	0.214526018	0.561448725	0.382093695	0.702391868	0.988482081
<i>Enthd2</i>	-0.341945298	0.281570903	-1.214419863	0.224587434	0.892989918
<i>1810043H04Rik</i>	0.213329721	0.159352748	1.338726341	0.180659778	0.868087032
<i>Slc38a10</i>	0.057068189	0.135832933	0.420135144	0.67438673	0.983375962
<i>2810410L24Rik</i>	0.368602898	0.26970842	1.366671824	0.171728193	0.86244803
<i>Bahcc1</i>	0.622837379	0.437806328	1.422632199	0.154842805	0.854973821
<i>Actg1</i>	-0.148628713	0.15917847	-0.933723715	0.350446429	0.922338606
<i>Mir6935</i>	1.057983731	1.112176009	0.95127365	0.341465479	0.919850248
<i>0610009L18Rik</i>	0.558942215	0.219941836	2.541318312	0.011043533	0.5053707
<i>Fscn2</i>	0.904748108	0.845624237	1.069917427	0.284656478	0.905916508
<i>Faap100</i>	0.067057906	0.249597043	0.268664665	0.788187746	0.990988839
<i>Nploc4</i>	0.026557545	0.167872878	0.158200331	0.874298943	0.992886758
<i>Oxld1</i>	0.191379375	0.220292441	0.868751437	0.3849831	0.931689378
<i>Ccdc137</i>	-0.008874252	0.111884776	-0.079315992	0.936781287	0.994688009
<i>Arl16</i>	0.105498594	0.159147368	0.662898768	0.507395391	0.963011338
<i>Hgs</i>	-0.215843206	0.263980104	-0.817649522	0.413557341	0.94325631
<i>Mrpl12</i>	0.207693278	0.193822889	1.071562182	0.283916727	0.905916508
<i>Slc25a10</i>	-0.032006314	0.147208063	-0.217422287	0.827879264	0.992886758
<i>Gcgr</i>	0.97076849	0.807026634	1.202895232	0.229016866	0.895404344
<i>Fam195b</i>	0.139685343	0.141679855	0.985922403	0.324171192	0.91640698
<i>P4hb</i>	-0.158863289	0.1359225	-1.168778452	0.242492904	0.896939594
<i>Arhgdia</i>	-0.164309849	0.179759217	-0.914055211	0.360687836	0.925913281
<i>Alyref</i>	-0.048001535	0.115905005	-0.414145489	0.678767561	0.983863455
<i>Anapc11</i>	0.250485142	0.173116413	1.446917351	0.147920073	0.847400362
<i>Npb</i>	-1.851800919	1.329735731	-1.392608227	0.163738294	0.859982992
<i>Pcyt2</i>	0.019207363	0.157188261	0.122193368	0.902745879	0.994688009
<i>Sirt7</i>	0.256218007	0.13484707	1.900063588	0.057424775	0.721735927
<i>Mafg</i>	-0.064139087	0.314917955	-0.203669196	0.838612015	0.992886758
<i>Pycr1</i>	-0.037188641	0.697799027	-0.0532942	0.957497501	0.996226826
<i>Myadml2</i>	0.116032854	0.562642522	0.206228376	0.836612523	0.992886758
<i>Notum</i>	-0.142240677	0.29531638	-0.481655222	0.630050891	0.977034429
<i>Aspscr1</i>	0.176962516	0.162602142	1.088316018	0.276455622	0.900604936
<i>Stra13</i>	0.191988253	0.194589568	0.986631788	0.323823181	0.91640698
<i>Lrrc45</i>	0.10693883	0.210298828	0.508508922	0.611096484	0.974001549
<i>Rac3</i>	-0.08182338	0.154524624	-0.529516773	0.596447012	0.974001549
<i>Dcxr</i>	0.185737698	0.146424072	1.26849155	0.204622467	0.883765092
<i>Cbr2</i>	-0.025314203	0.173007761	-0.146318307	0.883670115	0.992886758
<i>Rfng</i>	-0.0958094	0.336106832	-0.28505639	0.77560094	0.990861469
<i>Gps1</i>	-0.047422006	0.080101783	-0.592021851	0.553835957	0.968926429
<i>Dus1l</i>	0.146253263	0.125718356	1.163340562	0.244691355	0.896939594
<i>Fasn</i>	0.010846116	0.181814546	0.059654831	0.952430547	0.996023481
<i>Ccdc57</i>	-0.160858078	0.432829454	-0.371643096	0.710158597	0.988585656
<i>Slc16a3</i>	-0.509984074	0.262555154	-1.942388355	0.052090104	0.707153766
<i>Csnk1d</i>	-0.102863261	0.172545929	-0.596150031	0.551075004	0.968926429
<i>Cd7</i>	1.005393085	0.240556145	4.179452928	2.92E-05	0.022718725
<i>Sectm1b</i>	-1.364729512	1.092132065	-1.249601176	0.211445273	0.884755882
<i>Sectm1a</i>	0.159227977	2.029698859	0.078449065	0.937470846	0.994688009
<i>Ogfod3</i>	0.362367626	0.277176009	1.307355669	0.191091946	0.877906723
<i>Hexdc</i>	0.365266059	0.264685052	1.380002593	0.167585846	0.860403806
<i>BC017643</i>	-0.080537834	0.120248633	-0.669760913	0.503010214	0.961729397
<i>Narf</i>	-0.035382272	0.173529116	-0.203898189	0.83843306	0.992886758
<i>Foxk2</i>	-0.2827216	0.139002548	-2.033931068	0.041958546	0.679118604
<i>Wdr45b</i>	-0.142121711	0.12194937	-1.165415713	0.24385076	0.896939594
<i>Rab40b</i>	0.19190831	0.287672001	0.667108058	0.504703114	0.962138588
<i>Fn3krp</i>	0.026673098	0.193620013	0.137760024	0.890430079	0.993043931
<i>Fn3k</i>	0.527546174	0.271009093	1.946599533	0.051582765	0.707153766
<i>Tbcd</i>	-0.148443254	0.229477049	-0.646876253	0.517712036	0.964437658
<i>Zfp750</i>	-0.994556234	0.634044922	-1.568589542	0.116743611	0.812418014
<i>B3gntl1</i>	-0.005253886	0.358440444	-0.014657627	0.988305325	0.998148029

<i>Mettnl</i>	-0.044979295	0.202236424	-0.222409466	0.823995144	0.992886758
<i>Ptchd3</i>	0.329152605	1.527755216	0.215448523	0.829417642	0.992886758
<i>Rab10os</i>	0.042605466	0.214965571	0.198196697	0.842891172	0.992886758
<i>Rab10</i>	-0.175506501	0.16558395	-1.059924597	0.289178904	0.907334416
<i>Kif3c</i>	-0.113683904	0.236183447	-0.481337303	0.630276789	0.977034429
<i>1110002L01Rik</i>	0.256182182	0.381075779	0.672260468	0.501417892	0.96132573
<i>Asxl2</i>	-0.169920745	0.193520407	-0.878050786	0.379916159	0.929550595
<i>Dtnb</i>	-0.065860366	0.2583197	-0.254956808	0.798756459	0.990988839
<i>Dnmt3a</i>	0.005786764	0.243799788	0.023735723	0.981063412	0.997364526
<i>Pomc</i>	0.522992653	0.551342252	0.94858076	0.34283388	0.919850248
<i>Efr3b</i>	0.218371669	0.448581664	0.486804715	0.626396729	0.97658408
<i>Dnajc27</i>	0.132951212	0.208142477	0.638750982	0.522984941	0.965637248
<i>Adcy3</i>	0.18480394	0.354506236	0.521299547	0.602158117	0.974001549
<i>Cenpo</i>	-0.030848859	0.303849096	-0.101526907	0.919132199	0.994688009
<i>Ptrhd1</i>	0.183473764	0.246647613	0.743870016	0.456955117	0.951742083
<i>Ncoa1</i>	0.032292887	0.20433621	0.158038006	0.874426851	0.992886758
<i>Itsn2</i>	-0.363537853	0.362038769	-1.004140675	0.315310812	0.91586731
<i>Fam228b</i>	3.542787707	1.900312038	1.86431893	0.06227693	0.726801598
<i>Pfn4</i>	-0.457892301	0.917131613	-0.499265639	0.617592258	0.974150208
<i>Gm6682</i>	0.896128718	1.042488527	0.859605353	0.390006623	0.933734231
<i>Sf3b6</i>	0.042939965	0.198464225	0.216361237	0.828706179	0.992886758
<i>Fkbp1b</i>	0.111196181	0.189191813	0.587743095	0.556704745	0.968926429
<i>BC068281</i>	-0.049567242	0.455741728	-0.108761694	0.913391507	0.994688009
<i>Mfsd2b</i>	-0.370971731	0.701819799	-0.528585445	0.597093059	0.974001549
<i>Ubxn2a</i>	-0.236543453	0.131193295	-1.803014801	0.07138589	0.744227652
<i>Atad2b</i>	-0.417535797	0.321277377	-1.299611574	0.193734131	0.879588734
<i>Klhl29</i>	0.166171358	0.535339233	0.310403848	0.756253869	0.989266039
<i>2810032G03Rik</i>	-0.244370811	0.676286122	-0.361342342	0.717843545	0.988585656
<i>Apob</i>	-0.720320002	0.968742487	-0.743561898	0.457141561	0.951887549
<i>Ldah</i>	-0.239497567	0.174128246	-1.375409059	0.169004662	0.861597949
<i>Hs1bp3</i>	-0.439475594	0.222767478	-1.972799609	0.048518398	0.706907143
<i>Rhob</i>	0.04354308	0.171936785	0.253250516	0.800074632	0.990988839
<i>Pum2</i>	-0.082901176	0.108628503	-0.763162272	0.445366626	0.948476747
<i>Sdc1</i>	-0.253802037	0.130835778	-1.939851928	0.052397688	0.707153766
<i>Laptn4a</i>	0.008090357	0.10814297	0.07481168	0.940364549	0.994688009
<i>Matn3</i>	-1.359018574	1.903718612	-0.713875762	0.475304006	0.956761005
<i>Wdr35</i>	-0.041422186	0.151790261	-0.272890934	0.784937056	0.990988839
<i>Ttc32</i>	0.318756598	0.211127067	1.509785567	0.131098149	0.827800491
<i>Osr1</i>	0.516450592	0.453297142	1.139320204	0.254569625	0.897044747
<i>Nt5c1b</i>	-0.036480619	1.251193246	-0.029156663	0.976739645	0.997262526
<i>Rdh14</i>	0.234674093	0.147497372	1.591039145	0.111600766	0.800752782
<i>Gm38407</i>	1.160445752	0.468984022	2.474382277	0.01334668	0.539384266
<i>Kcns3</i>	0.348596098	0.159244468	2.189062527	0.028592296	0.645679684
<i>Gen1</i>	-0.17285184	0.877117588	-0.197068036	0.843774297	0.992886758
<i>Smc6</i>	-0.035109036	0.137303846	-0.255703226	0.798180004	0.990988839
<i>Vsnl1</i>	-0.10792764	0.247746477	-0.435637435	0.663099806	0.980876591
<i>Fam49a</i>	-0.021642692	0.162471224	-0.133209389	0.894027786	0.993422442
<i>Mycn</i>	-0.710800711	1.13079013	-0.62858765	0.529619048	0.965637248
<i>Ddx1</i>	-0.022590337	0.10822156	-0.208741562	0.834649993	0.992886758
<i>Nbas</i>	-0.268796541	0.256227721	-1.049053321	0.294153578	0.907334416
<i>Fam84a</i>	-0.236419504	0.187174751	-1.263095068	0.206555016	0.883765092
<i>Trib2</i>	-0.174783932	0.119536165	-1.462184534	0.143690649	0.841934045
<i>Lpin1</i>	-0.432081465	0.296620525	-1.456680938	0.145204474	0.842729381
<i>E2f6</i>	0.04094099	0.144427322	0.283471225	0.776815637	0.990861469
<i>Rock2</i>	-0.185006276	0.141755716	-1.305106281	0.19185666	0.878912371
<i>Pqlc3</i>	-0.294664506	0.141694563	-2.079575252	0.037564509	0.679118604
<i>2410004P03Rik</i>	-0.120714147	0.137954136	-0.875031013	0.381557031	0.930635634
<i>Kcnf1</i>	0.621164298	1.094361317	0.5676044	0.570303619	0.971613657
<i>Pdia6</i>	-0.121921304	0.105428347	-1.156437598	0.24750221	0.896939594
<i>Atp6v1c2</i>	-0.129705679	0.157007513	-0.826111293	0.408740962	0.940528702
<i>Nol10</i>	-0.092339702	0.243359179	-0.379437925	0.704362692	0.988585656
<i>Odc1</i>	-0.060500708	0.108641014	-0.556886447	0.577605015	0.971613657

<i>Hpcal1</i>	-0.321876591	0.199256922	-1.615384737	0.106227404	0.794491442
<i>5730507C01Rik</i>	0.005070041	0.375447867	0.013503981	0.98922571	0.998182772
<i>1700030C10Rik</i>	-0.437856344	0.511664778	-0.855748456	0.392136931	0.933734231
<i>Asap2</i>	-0.000107046	0.216950653	-0.000493414	0.999606313	0.999950896
<i>Itgb1bp1</i>	0.279960075	0.202907649	1.379741353	0.167666296	0.860403806
<i>Cpsf3</i>	0.07383413	0.145857564	0.506207069	0.612711293	0.974001549
<i>Iah1</i>	-0.075198977	0.122194011	-0.615406404	0.538286364	0.96674935
<i>Adam17</i>	0.039169291	0.179665173	0.218012707	0.827419211	0.992886758
<i>Ywhaq</i>	0.001734566	0.116968785	0.014829308	0.988168358	0.998148029
<i>2410018L13Rik</i>	-1.388125356	1.834630988	-0.756623738	0.449275315	0.948476747
<i>9030624G23Rik</i>	-0.717846794	0.899763704	-0.797817016	0.424976685	0.944290206
<i>Taf1b</i>	0.224859231	0.144299567	1.558280704	0.119166721	0.814755048
<i>Grhl1</i>	-0.154338882	0.362213576	-0.426099109	0.670035629	0.982177283
<i>Klf11</i>	0.194904687	0.223822859	0.870798844	0.383863997	0.931591679
<i>Cys1</i>	0.027895007	0.188147136	0.14826166	0.882136272	0.992886758
<i>Rrm2</i>	-0.254143769	0.27497537	-0.92424194	0.355360364	0.924354588
<i>Mboat2</i>	0.261818116	0.306792867	0.853403531	0.393435564	0.933734231
<i>Kidins220</i>	-0.115912293	0.125903631	-0.920642972	0.357236859	0.924354588
<i>Id2</i>	-0.096621103	0.124174959	-0.77810457	0.436507369	0.946762848
<i>Rnf144a</i>	0.181773363	0.221362152	0.821158276	0.411556119	0.941762685
<i>Rsad2</i>	0.499510332	0.344446732	1.450181653	0.14700787	0.844842482
<i>Cmpk2</i>	0.295090122	0.172389476	1.711764129	0.086940145	0.765418158
<i>Sox11</i>	0.193522083	0.355408203	0.544506517	0.586092965	0.972904784
<i>Colec11</i>	0.470295655	0.521061357	0.902572506	0.366752824	0.927936364
<i>Rps7</i>	0.340166235	0.246154584	1.381921192	0.1669959	0.860403806
<i>Rnaseh1</i>	0.344666041	0.180293807	1.911690957	0.055915845	0.715507996
<i>Adi1</i>	-0.040173851	0.108913724	-0.368859402	0.712232525	0.988585656
<i>Trappc12</i>	0.107105727	0.165219524	0.648263136	0.516814773	0.964352198
<i>Tssc1</i>	0.287026297	0.190423152	1.507307773	0.131731786	0.827800491
<i>Pxdn</i>	0.216223439	0.163985839	1.318549456	0.187319781	0.873455432
<i>Sntg2</i>	0.353442057	0.557621783	0.633838325	0.526186339	0.965637248
<i>Tmem18</i>	-0.11404258	0.113934363	-1.00094982	0.316851069	0.91640698
<i>Fam150b</i>	-3.134947072	2.018173062	-1.553358892	0.120337418	0.81558552
<i>Acp1</i>	0.103626815	0.131325617	0.789083021	0.430063485	0.945321484
<i>Sh3yl1</i>	-0.026464036	0.180984621	-0.146222565	0.883745693	0.992886758
<i>Fam110c</i>	-0.128346396	0.194433163	-0.660105478	0.509186143	0.963452765
<i>Lamb1</i>	0.007750973	0.229649794	0.033751272	0.973075493	0.997013089
<i>Dld</i>	-0.066828181	0.109441731	-0.610627966	0.541445904	0.967217841
<i>Slc26a3</i>	0.452848082	0.752389736	0.601879664	0.547254242	0.968115622
<i>Cbl1</i>	-0.165467677	0.235714458	-0.701983572	0.482689409	0.957463006
<i>Slc26a4</i>	-1.760584418	0.825174842	-2.133589548	0.032876394	0.665167506
<i>Bcap29</i>	0.025111915	0.147844556	0.169853496	0.865125354	0.992886758
<i>Dus4l</i>	-0.03128421	0.205593978	-0.152165012	0.879056789	0.992886758
<i>Cog5</i>	-0.269759711	0.20593527	-1.30992477	0.190221287	0.877080754
<i>Gpr22</i>	2.823350994	4.950687634	0.570294715	0.568477825	0.971380162
<i>Hbp1</i>	-0.219865173	0.105988655	-2.074421779	0.038040156	0.679118604
<i>Prkar2b</i>	-0.007541864	0.137653108	-0.054788914	0.956306632	0.996173928
<i>Pik3cg</i>	-0.101290743	0.373153335	-0.271445364	0.786048516	0.990988839
<i>Ccdc71l</i>	-0.139387382	0.163051275	-0.854868396	0.392624008	0.933734231
<i>Nampt</i>	0.116716498	0.152714356	0.764279802	0.444700519	0.948476747
<i>Gdap10</i>	-1.393702026	1.487934113	-0.93666918	0.348928754	0.921552698
<i>4933406C10Rik</i>	0.494216666	0.393744642	1.255170519	0.209416865	0.884258007
<i>Sypl</i>	-0.183800416	0.087347788	-2.104236647	0.035357809	0.674795441
<i>Cdhr3</i>	-0.180032518	0.148209731	-1.214714555	0.224474979	0.892989918
<i>F730043M19Rik</i>	-0.551228513	0.407440911	-1.352904181	0.176086243	0.865308446
<i>Atxn7l1</i>	0.20278479	0.254923061	0.795474482	0.426337549	0.944290206
<i>Efcab10</i>	0.390586948	0.348149351	1.121894805	0.26190717	0.897248195
<i>Twistnb</i>	-0.060391011	0.1680235	-0.359420029	0.719280894	0.988585656
<i>Twist1</i>	0.599167362	1.25047372	0.479152303	0.631830284	0.977034429
<i>Hdac9</i>	-0.511818767	0.35452481	-1.443675456	0.148830289	0.848743319
<i>Prps1l1</i>	-1.824753031	2.153210614	-0.847456825	0.396740542	0.934469184
<i>Snx13</i>	-0.188366632	0.13110575	-1.436753396	0.150788077	0.850225493

Ahr	-0.163337215	0.198202827	-0.824091249	0.409887712	0.940983181
Agr3	-0.03622506	0.185458867	-0.195326652	0.845137233	0.992886758
Agr2	-0.243586925	0.369214207	-0.659744182	0.509418009	0.963452765
Tspan13	-0.038902099	0.083395246	-0.466478619	0.640872949	0.977921835
Bzw2	-0.324504827	0.161744311	-2.006282788	0.044826085	0.69077168
Ankmy2	0.109550396	0.165801101	0.660733826	0.508783027	0.963452765
Ispd	-0.144000193	0.226778437	-0.634981856	0.525440249	0.965637248
Meox2	0.016418682	0.22492665	0.072995718	0.941809525	0.994688009
Agmo	-0.322530834	0.167231748	-1.928645955	0.05377483	0.707153766
Dgkb	0.621640991	0.623750366	0.996618238	0.31894985	0.91640698
Etv1	-0.47272523	0.337390158	-1.401123355	0.161177189	0.857316691
Arl4a	0.134558179	0.214562989	0.627126696	0.530576189	0.966026275
Scin	0.406535182	0.810920703	0.501325444	0.616142101	0.974001549
Lsmem1	1.112269968	1.75382439	0.634196887	0.525952339	0.965637248
Ifrd1	0.086815318	0.141248686	0.614627441	0.538800788	0.966875138
Gm7008	1.521377354	1.288946403	1.180326311	0.237870457	0.896609492
Zfp277	0.013665235	0.146565638	0.093236281	0.925715852	0.994688009
Dock4	0.139897467	0.188615603	0.741706756	0.458265026	0.952283705
Immp2l	0.11475283	0.24875756	0.461303891	0.644580593	0.97889195
Lrrn3	-0.196277385	0.285099034	-0.688453352	0.491167336	0.958916246
Dnajb9	-0.056743878	0.173565214	-0.326931168	0.743719946	0.988585656
Gm2027	-0.855275752	0.91183348	-0.937973622	0.348257966	0.921552698
Pnpla8	0.016020811	0.087874498	0.182314682	0.855335777	0.992886758
Nrcam	-0.100164417	0.453434319	-0.220901711	0.825168965	0.992886758
Stxbp6	-0.140286632	0.143208666	-0.979595967	0.327285596	0.916882624
Nova1	-0.026939087	0.42980916	-0.062676857	0.950023827	0.99573416
Prkd1	0.078773082	0.184019184	0.428069946	0.668600197	0.981863224
G2e3	-0.125152621	0.171545114	-0.729560982	0.46565858	0.953083512
Scfd1	-0.030503444	0.111118941	-0.274511653	0.78369145	0.990988839
Coch	-1.077753407	0.793765584	-1.35777291	0.174535753	0.863528862
Strn3	-0.041161744	0.108437114	-0.379590917	0.704249104	0.988585656
Ap4s1	0.113528299	0.161618177	0.70244759	0.482400075	0.957463006
Hectd1	0.110814134	0.161977684	0.684132105	0.49389175	0.958916246
Heatr5a	0.24764232	0.206769309	1.197674455	0.231043778	0.895404344
Dtd2	-0.009174676	0.155187739	-0.059119851	0.952856648	0.996070133
Gpr33	-0.803814895	1.615512292	-0.497560371	0.618793942	0.974471036
Nubpl	0.0617675	0.169001931	0.365483991	0.714750155	0.988585656
Arhgap5	-0.184006702	0.173834504	-1.058516567	0.289820002	0.907334416
Akap6	-0.211483869	0.477010633	-0.443352527	0.657510768	0.979614766
Egln3	0.216641501	0.441007651	0.491242047	0.623255263	0.975636499
Sptssa	0.260738162	0.186859387	1.395370954	0.162904006	0.859982992
Eapp	0.265948032	0.15068841	1.764887108	0.077582741	0.754202
Snx6	-0.154139813	0.107386289	-1.435377029	0.151179688	0.850827708
Cfl2	-0.097002395	0.100803034	-0.962296382	0.335900746	0.918908218
Baz1a	-0.175263049	0.211304396	-0.829433995	0.406858872	0.939557159
2700097O09Rik	0.113835576	0.240383396	0.4735584	0.635814847	0.977122459
Srp54a	0.08770119	0.332318108	0.263907345	0.791851316	0.990988839
Srp54c	-0.710240472	0.239458045	-2.966033032	0.003016681	0.346777009
Ppp2r3c	0.05382247	0.125767455	0.427952291	0.668685856	0.981863224
1110008L16Rik	0.077084555	0.22694875	0.339656224	0.734115432	0.988585656
Psma6	0.235546329	0.169104784	1.392901625	0.163649541	0.859982992
Nfkb1a	-0.129970562	0.184521578	-0.704365116	0.481205424	0.957463006
Ralgapa1	-0.001799023	0.165845278	-0.010847599	0.991345038	0.998770784
Brms1l	0.229470422	0.104452919	2.196878987	0.02802909	0.640939708
Gm19990	0.301320487	0.202356439	1.48905806	0.136472081	0.832506992
Mbip	0.095666303	0.181342402	0.527545142	0.597815077	0.974001549
E030019B13Rik	0.037151843	0.09246672	0.401786104	0.68784145	0.98538669
Nkx2-1	-0.181870037	0.191168964	-0.951357552	0.3414229	0.919850248
C87198	-0.09088014	0.470002263	-0.193361069	0.846676203	0.992886758
Pax9	-1.282610435	1.095043731	-1.171286953	0.241483454	0.896939594
Slc25a21	1.136412261	1.472526831	0.771742991	0.440266663	0.947849924
Prps1l3	-0.013981017	0.113916369	-0.122730539	0.90232048	0.994688009

<i>Mipol1</i>	-0.039482075	0.282795376	-0.139613579	0.888965311	0.992967239
<i>Foxa1</i>	-0.226213571	0.17660177	-1.280924705	0.200220114	0.880888611
<i>4921506M07Rik</i>	1.191512234	0.890261292	1.338384858	0.180771012	0.868087032
<i>Sstr1</i>	-1.531494761	1.918260877	-0.798376685	0.424651929	0.944280828
<i>Clec14a</i>	0.114959792	0.14146475	0.812639133	0.416424988	0.943415794
<i>Sec23a</i>	-0.035505523	0.166317765	-0.213480039	0.830952557	0.992886758
<i>Gemin2</i>	0.465018714	0.216407646	2.148809083	0.031649537	0.661395937
<i>Trappc6b</i>	0.188312174	0.108299724	1.738805673	0.08206895	0.76099108
<i>Pnn</i>	-0.064371653	0.189270135	-0.340104647	0.733777722	0.988585656
<i>Mia2</i>	-0.272087053	1.369696066	-0.198647758	0.842538292	0.992886758
<i>Ctage5</i>	-0.117477011	0.120627516	-0.973882372	0.330114947	0.917115058
<i>Fbxo33</i>	-0.277724657	0.153030588	-1.814831011	0.069549883	0.743426713
<i>Gm527</i>	-0.126792492	0.268640654	-0.471978048	0.636942457	0.977284137
<i>Klhl28</i>	0.177307428	0.367213792	0.48284523	0.629205633	0.977034429
<i>Fam179b</i>	-0.241220357	0.155790609	-1.548362632	0.121535013	0.816233249
<i>Prpf39</i>	0.048253204	0.178701808	0.270020795	0.787144256	0.990988839
<i>Fkbp3</i>	0.412906802	0.171200462	2.411832285	0.015872581	0.557315333
<i>Fancm</i>	-0.00633958	0.465357489	-0.013623032	0.989130729	0.998182772
<i>Mis18bp1</i>	0.185936634	0.908039459	0.20476713	0.83775407	0.992886758
<i>Wdr20rt</i>	0.749287319	1.552306945	0.482692757	0.629313907	0.977034429
<i>Rps29</i>	0.013336727	0.128387455	0.103878741	0.917265578	0.994688009
<i>Lrr1</i>	-0.034055522	0.910648791	-0.037396988	0.970168474	0.996628386
<i>Rpl36al</i>	0.231279783	0.157247686	1.470799274	0.141345409	0.840741274
<i>Mgat2</i>	0.09945926	0.098367189	1.011101978	0.311967624	0.914819219
<i>Dnaaf2</i>	0.027897678	0.261996175	0.106481242	0.915200537	0.994688009
<i>9330151L19Rik</i>	0.591269194	0.48163798	1.227621612	0.219589045	0.888847883
<i>Pole2</i>	-0.118098538	0.299175193	-0.394747096	0.693029542	0.986599035
<i>Klhdc1</i>	-0.039798376	0.172537794	-0.230664683	0.817575313	0.992678823
<i>Klhdc2</i>	0.233046425	0.138258765	1.685581565	0.091876422	0.772516176
<i>Nemf</i>	-0.121006434	0.186819668	-0.647717851	0.517167456	0.964352198
<i>Arf6</i>	0.072600636	0.134414894	0.54012345	0.5891119	0.974001549
<i>5830428M24Rik</i>	0.411377507	0.260153427	1.581288059	0.113812189	0.807243653
<i>Vcpkmt</i>	0.168096947	0.211254477	0.795708329	0.426201585	0.944290206
<i>Sos2</i>	-0.189609098	0.137661053	-1.37736196	0.168400368	0.861597949
<i>L2hgdh</i>	-0.15714563	0.180714098	-0.869581462	0.384529172	0.931689378
<i>Atp5s</i>	0.111326745	0.179935554	0.618703435	0.536111747	0.96674935
<i>Cdkl1</i>	-0.169659186	0.267161823	-0.635042779	0.525400515	0.965637248
<i>4930512B01Rik</i>	5.00E-05	0.931376403	5.37E-05	0.999957126	0.999957126
<i>Map4k5</i>	-0.109166086	0.12851172	-0.849464045	0.395623129	0.934066368
<i>4931403G20Rik</i>	2.727020536	1.649336984	1.653404103	0.098248648	0.786907305
<i>Atl1</i>	0.141624096	0.478111391	0.296215692	0.767065366	0.989884648
<i>Gm3086</i>	1.254028654	2.065757124	0.607055224	0.543814264	0.967491297
<i>Sav1</i>	0.026302274	0.088221236	0.298139938	0.765596361	0.989884648
<i>Nin</i>	-0.027866152	0.194046607	-0.143605459	0.88581203	0.992886758
<i>Abhd12b</i>	-0.191978552	0.543408616	-0.353285808	0.723874184	0.988585656
<i>Pygl</i>	0.065291539	0.17920437	0.364341222	0.715603222	0.988585656
<i>Trim9</i>	0.240909682	1.585796737	0.151917126	0.879252301	0.992886758
<i>Tmx1</i>	0.045709385	0.11107999	0.411499719	0.680706148	0.984226822
<i>Frmd6</i>	-0.267780853	0.206108973	-1.299219771	0.193868518	0.879588734
<i>Actr10</i>	0.085859321	0.104692335	0.820110864	0.41215291	0.942121471
<i>Psma3</i>	0.215071886	0.168903598	1.273341053	0.202897045	0.882297774
<i>3110056K07Rik</i>	0.310515476	0.219583077	1.414113877	0.157328469	0.855986074
<i>Arid4a</i>	0.093916883	0.206606781	0.454568249	0.649419881	0.979004493
<i>Tomm20l</i>	0.507077532	1.382977086	0.366656495	0.713875261	0.988585656
<i>Timm9</i>	0.17327683	0.205651505	0.842575066	0.399466141	0.936273856
<i>2700049A03Rik</i>	-0.254261518	0.395354138	-0.643123453	0.520143998	0.964665379
<i>Dact1</i>	0.133264236	0.3746737	0.355680785	0.722079637	0.988585656
<i>4930404H11Rik</i>	-1.149925138	1.864600444	-0.616713968	0.537423407	0.96674935
<i>Daam1</i>	-0.143938235	0.154354073	-0.932519834	0.351067941	0.922414914
<i>Gpr135</i>	0.845025386	1.090246345	0.775077477	0.43829388	0.947776577
<i>L3hypdh</i>	0.01071094	0.206219863	0.051939421	0.958576963	0.996226826
<i>Jkamp</i>	0.00903416	0.132475018	0.068195194	0.945630253	0.995032756

<i>Rtn1</i>	0.42326698	0.439927522	0.962128893	0.335984862	0.918908218
<i>Lrrc9</i>	-0.258730217	0.729624623	-0.3546073	0.722883807	0.988585656
<i>Pcnxl4</i>	0.047352648	0.140348062	0.337394385	0.735819617	0.988585656
<i>Dhrs7</i>	0.147293402	0.08411842	1.751024364	0.079941713	0.75659671
<i>Ppm1a</i>	0.007144578	0.095299661	0.074969605	0.940238895	0.994688009
<i>Six1</i>	-0.292975928	0.338148112	-0.866413024	0.386263704	0.932501372
<i>Six4</i>	-0.216251032	0.298362892	-0.724791982	0.468579656	0.953927686
<i>Mnat1</i>	0.160344298	0.112728666	1.422391518	0.154912624	0.854973821
<i>Trmt5</i>	-0.083716197	0.195619333	-0.427954616	0.668684162	0.981863224
<i>Slc38a6</i>	0.049080288	0.240433278	0.204132676	0.83824982	0.992886758
<i>D830013O20Rik</i>	-1.394822421	1.566394746	-0.890466738	0.373215321	0.928840865
<i>Tmem30b</i>	-0.12208896	0.204196421	-0.597899608	0.549906921	0.968926429
<i>2210039B01Rik</i>	-0.046439352	0.774789222	-0.059938047	0.952204978	0.996023481
<i>Prkch</i>	-0.183613538	0.145189823	-1.26464469	0.205998725	0.883765092
<i>Hif1a</i>	-0.252473245	0.14212872	-1.776370358	0.075671894	0.752876039
<i>Snapc1</i>	0.114169062	0.167700485	0.680791485	0.496003439	0.96007684
<i>1700086L19Rik</i>	-0.201636421	1.853494355	-0.108787178	0.913371294	0.994688009
<i>Dbpht2</i>	-3.931724794	2.407192957	-1.633323487	0.10240098	0.789151138
<i>Rhoj</i>	-0.008261875	0.107435045	-0.076901115	0.93870221	0.994688009
<i>Ppp2r5e</i>	0.116914135	0.147506732	0.792602025	0.428009729	0.945321484
<i>Wdr89</i>	-0.615831597	0.630406361	-0.976880367	0.328628383	0.917115058
<i>Sgpp1</i>	-0.050850456	0.112201455	-0.453206741	0.650399879	0.979004493
<i>Syne2</i>	0.114499068	0.135427116	0.845466341	0.397850518	0.935327115
<i>Esr2</i>	-0.678961097	0.39057153	-1.738378363	0.082144167	0.76099108
<i>Mthfd1</i>	0.347120523	0.189688458	1.829950679	0.067257314	0.74146534
<i>Akap5</i>	0.16270013	0.148583321	1.09500938	0.273512527	0.899242656
<i>Zbtb25</i>	0.079280009	0.315143058	0.251568317	0.80137475	0.990988839
<i>Zbtb1</i>	-0.269919298	0.148387295	-1.819018924	0.068908543	0.743426713
<i>Hspa2</i>	-0.242257546	0.283398746	-0.854829279	0.392645666	0.933734231
<i>Ppp1r36</i>	0.010182219	0.157966478	0.064458098	0.948605471	0.99560893
<i>Gm10451</i>	0.05228635	0.616454187	0.084817901	0.932406162	0.994688009
<i>Plekhh3</i>	-0.261113386	0.248118423	-1.052374033	0.292627978	0.907334416
<i>AI463170</i>	0.90004118	0.343863369	2.617438381	0.008859248	0.475600561
<i>Sptb</i>	0.802936418	0.563638154	1.424560089	0.154284404	0.854159937
<i>Churc1</i>	0.603186073	0.269114784	2.241370999	0.025002053	0.627917508
<i>Gpx2</i>	0.2157752	0.374892399	0.575565684	0.564908782	0.969658675
<i>Rab15</i>	0.008569894	0.157991669	0.054242698	0.956741803	0.996226826
<i>Fntb</i>	-0.221637757	0.323946627	-0.684179857	0.4938616	0.958916246
<i>Max</i>	0.122562029	0.109820034	1.116026149	0.264410942	0.89768067
<i>Fut8</i>	-0.111277592	0.113976513	-0.976320381	0.328905723	0.917115058
<i>Gphn</i>	-0.234468435	0.171836905	-1.364482415	0.172415785	0.86244803
<i>Fam71d</i>	-0.955604128	2.111134999	-0.452649465	0.650801174	0.979004493
<i>Mpp5</i>	-0.144899475	0.113492487	-1.276731869	0.201696926	0.881220006
<i>Atp6v1d</i>	-0.030355547	0.111689101	-0.271786113	0.785786483	0.990988839
<i>Eif2s1</i>	0.101737533	0.144794506	0.702633929	0.482283912	0.957463006
<i>Plek2</i>	-0.031568979	0.450263113	-0.070112293	0.944104283	0.99486515
<i>Tmem229b</i>	0.176944302	0.242769861	0.728856134	0.46608967	0.953083512
<i>Plekhh1</i>	-0.740998043	0.39698263	-1.866575482	0.061960894	0.725730283
<i>Pigh</i>	0.278442257	0.197352186	1.410890157	0.158277005	0.855986074
<i>9230116L04Rik</i>	0.467974736	1.696577685	0.275834546	0.782675149	0.990988839
<i>Arg2</i>	-0.043844526	0.322582772	-0.135917133	0.891886791	0.993100705
<i>Vti1b</i>	0.41313028	0.165816453	2.491491475	0.012720802	0.529827892
<i>Rdh11</i>	-0.034216386	0.158987393	-0.215214461	0.829600117	0.992886758
<i>Rdh12</i>	-0.283770384	0.409137841	-0.693581369	0.487944781	0.958288569
<i>Zfyve26</i>	0.239352379	0.340166399	0.703633221	0.481661217	0.957463006
<i>Rad51b</i>	0.21473013	0.301482283	0.712247923	0.476311266	0.95716557
<i>9430078K24Rik</i>	0.492771887	0.783188394	0.629186911	0.529226697	0.965637248
<i>Zfp36l1</i>	-0.014958533	0.131277055	-0.113946285	0.909280374	0.994688009
<i>2310015A10Rik</i>	0.264698533	0.190582136	1.388894775	0.16486475	0.859982992
<i>Actn1</i>	-0.178620602	0.209316511	-0.853351709	0.393464293	0.933734231
<i>Dcaf5</i>	0.068904416	0.213469742	0.322783056	0.746859546	0.988585656
<i>Exd2</i>	-0.142321008	0.151373217	-0.940199405	0.347115287	0.921552698

<i>Galnt16</i>	-0.026779411	0.697550097	-0.038390663	0.969376205	0.996600044
<i>Erh</i>	0.289755523	0.17444886	1.66097688	0.09671809	0.782127914
<i>Slc39a9</i>	-0.133353013	0.179128977	-0.744452489	0.456602774	0.951472839
<i>Plekhd1os</i>	0.062305573	0.35996592	0.173087423	0.862582711	0.992886758
<i>Plekhd1</i>	-0.203136084	0.241200086	-0.842189103	0.399682112	0.936395796
<i>Susd6</i>	-0.337543623	0.129699195	-2.602511324	0.009254376	0.478229167
<i>Gm20337</i>	0.254986309	1.031603586	0.247174702	0.804773023	0.990988839
<i>Srsf5</i>	0.286331153	0.11968439	2.392385126	0.016739267	0.56772809
<i>Smoc1</i>	-0.366118508	0.662033603	-0.553021035	0.580249007	0.971613657
<i>Slc8a3</i>	0.189991853	1.473162631	0.128968689	0.897382424	0.994101834
<i>Cox16</i>	0.02703949	0.361020042	0.074897477	0.940296284	0.994688009
<i>Gm4787</i>	0.702236692	0.597156685	1.175967229	0.239607972	0.896939594
<i>Adam4</i>	-0.045472335	0.768361079	-0.059180946	0.952807986	0.996070133
<i>Synj2bp</i>	0.09732021	0.101021668	0.96335976	0.335367013	0.918714299
<i>Adam21</i>	3.921677243	2.182507017	1.796868103	0.072356561	0.74633396
<i>Med6</i>	0.304612906	0.160952111	1.892568566	0.058415267	0.72285319
<i>Ttc9</i>	-0.056695249	0.135388942	-0.418758342	0.675392752	0.983549699
<i>Map3k9</i>	-0.311615887	0.34996795	-0.890412641	0.373244357	0.928840865
<i>Pcnx</i>	0.027047214	0.1716922	0.157533156	0.87482468	0.992886758
<i>Sipa1l1</i>	-0.177516196	0.218948787	-0.810765836	0.417500157	0.943415794
<i>Rgs6</i>	-0.046269283	0.347164667	-0.133277627	0.893973821	0.993422442
<i>Dpf3</i>	-0.943614417	1.31835696	-0.715750321	0.474145533	0.955974667
<i>Dcaf4</i>	0.027285903	0.251437703	0.108519538	0.913583583	0.994688009
<i>Zfyve1</i>	-0.005890262	0.193910635	-0.030376168	0.975767052	0.997262526
<i>Rbm25</i>	0.046701291	0.158073489	0.295440378	0.767657492	0.989990452
<i>Psen1</i>	-0.150913597	0.234422306	-0.643768078	0.519725836	0.964665379
<i>Papln</i>	1.144735251	0.864547195	1.32408648	0.185474325	0.871716376
<i>Numb</i>	0.116673159	0.127274992	0.916701359	0.359299154	0.925229839
<i>2410016O06Rik</i>	0.061710975	0.228330127	0.27027084	0.786951897	0.990988839
<i>Acot2</i>	0.389183063	0.18345754	2.121379491	0.03388988	0.671818913
<i>Acot1</i>	0.354735342	0.2685324	1.32101505	0.186496346	0.872512868
<i>Acot4</i>	0.353593347	1.153664937	0.306495704	0.75922725	0.989266039
<i>Acot6</i>	-0.469710878	0.791200453	-0.593668617	0.552733777	0.968926429
<i>Dnal1</i>	-0.071814155	0.152308214	-0.471505462	0.63727982	0.977284137
<i>Pnma1</i>	0.046943107	0.332012465	0.141389593	0.887562175	0.992886758
<i>Elmsan1</i>	-0.35528321	0.203722849	-1.743953666	0.08116717	0.760377276
<i>Ptgr2</i>	0.117118217	0.103879418	1.127443906	0.259554844	0.897248195
<i>Zfp410</i>	0.125782731	0.129107735	0.974246286	0.329934268	0.917115058
<i>Fam161b</i>	-0.075220162	0.290490576	-0.258941831	0.795680122	0.990988839
<i>Coq6</i>	0.051627325	0.179272586	0.287982263	0.773360316	0.990730604
<i>Entpd5</i>	-0.181191448	0.157268113	-1.152118151	0.249272525	0.896939594
<i>Ccdc176</i>	-0.398316841	0.229690405	-1.734146623	0.082892071	0.76099108
<i>Rnf113a2</i>	0.132479551	0.182458456	0.72608063	0.467789343	0.953657709
<i>Aldh6a1</i>	-0.137448381	0.132673167	-1.035992317	0.300205727	0.910285132
<i>Lin52</i>	-0.147069688	0.159977831	-0.919312927	0.357931918	0.924354588
<i>Abcd4</i>	-0.067968249	0.236733108	-0.28710918	0.774028724	0.990730604
<i>Npc2</i>	0.097421854	0.176258869	0.552720297	0.580454953	0.971613657
<i>Isca2</i>	0.21349515	0.20316668	1.05083742	0.293333266	0.907334416
<i>Ltbp2</i>	-0.087923922	0.194134313	-0.452902533	0.650618927	0.979004493
<i>D030025P21Rik</i>	3.616687318	2.22490501	1.625546845	0.104046091	0.79155232
<i>Arel1</i>	0.058175389	0.155981048	0.372964472	0.709174886	0.988585656
<i>Fcf1</i>	0.056709394	0.124977705	0.453756086	0.650004394	0.979004493
<i>Ylpm1</i>	-0.04869658	0.250748701	-0.194204716	0.84601559	0.992886758
<i>Prox2</i>	-0.425653396	0.456050935	-0.933346175	0.350641261	0.922338606
<i>Dlst</i>	-0.053673166	0.124611572	-0.430723768	0.666669235	0.981863224
<i>Rps6kl1</i>	-0.526685894	0.659074183	-0.799129912	0.424215087	0.94406679
<i>Pgf</i>	-0.153547495	0.311911048	-0.492279757	0.622521589	0.975236037
<i>Elf2b2</i>	0.090002657	0.128349565	0.701230716	0.483159044	0.957463006
<i>MIh3</i>	0.211253313	0.150479738	1.403865496	0.160358906	0.857316691
<i>Acyp1</i>	0.559248619	0.316126171	1.769067769	0.076882566	0.752876039
<i>Zc2hc1c</i>	0.022168264	0.201369079	0.110087728	0.912339801	0.994688009
<i>Nek9</i>	-0.048667172	0.097942204	-0.496896847	0.619261795	0.974471036

<i>Tmed10</i>	-0.071050061	0.081728048	-0.869347337	0.384657178	0.931689378
<i>Fos</i>	0.681507345	0.657804003	1.03603405	0.300186257	0.910285132
<i>Jdp2</i>	-0.144663522	0.186073751	-0.777452603	0.436891787	0.946792171
<i>Batf</i>	0.588188528	0.219382804	2.681105885	0.007337929	0.452031612
<i>Mfsd7c</i>	-0.164951453	0.265104779	-0.622212297	0.533802281	0.96674935
<i>0610007P14Rik</i>	0.006470093	0.134031478	0.048272939	0.961498721	0.996474415
<i>Tll5</i>	-0.313962818	0.271309968	-1.157210772	0.247186258	0.896939594
<i>Tgfb3</i>	0.212808511	0.142965698	1.488528465	0.136611581	0.832506992
<i>Ift43</i>	0.157611812	0.098250068	1.604190366	0.108672098	0.798150849
<i>Gpatch2l</i>	-0.150374102	0.225224932	-0.667661881	0.504349448	0.961863501
<i>Vash1</i>	0.131178432	0.161545088	0.812023651	0.416778061	0.943415794
<i>Angel1</i>	0.15023285	0.402253807	0.373477758	0.708792896	0.988585656
<i>Irf2bpl</i>	-0.009388042	0.1706405	-0.055016492	0.956125325	0.99614946
<i>Cipc</i>	-0.349698365	0.17139681	-2.040285145	0.041321934	0.679118604
<i>Ngb</i>	0.602147393	0.331344461	1.817285222	0.069173452	0.743426713
<i>Pomt2</i>	0.034546691	0.250448608	0.137939242	0.890288436	0.993043931
<i>Gstz1</i>	-0.07433208	0.146705062	-0.506676997	0.612381473	0.974001549
<i>Tmed8</i>	-0.136767692	0.289855527	-0.471847796	0.637035433	0.977284137
<i>Samd15</i>	0.434744373	0.566695612	0.767156767	0.442988314	0.948476747
<i>Noxred1</i>	2.020664993	1.53021799	1.320507932	0.18666549	0.872512868
<i>Vipas39</i>	0.000260121	0.175972581	0.001478191	0.998820575	0.999739059
<i>Ahsa1</i>	-0.159356712	0.111628206	-1.427566724	0.153416607	0.854159937
<i>Ism2</i>	0.53590718	0.825248533	0.64938883	0.516087082	0.964352198
<i>Sptlc2</i>	-0.137725362	0.117171339	-1.175418518	0.239827319	0.896939594
<i>Alkbh1</i>	0.04079161	0.214032523	0.190586037	0.848849931	0.992886758
<i>Slirp</i>	-0.458363103	0.242955353	-1.886614542	0.059212189	0.72285319
<i>Snw1</i>	0.088079435	0.108896559	0.8088358	0.418609601	0.943415794
<i>Gm16381</i>	-0.211043844	2.340120234	-0.090185043	0.92814017	0.994688009
<i>Adck1</i>	-0.070584434	0.245458384	-0.287561717	0.773682253	0.990730604
<i>3200001D21Rik</i>	-0.816546758	1.208020387	-0.675937895	0.499080076	0.960700483
<i>Dio2</i>	-0.295163359	0.65347688	-0.451681411	0.651498512	0.979004493
<i>Cep128</i>	-0.140075741	0.3328597	-0.420825173	0.673882749	0.983375962
<i>Tshr</i>	-2.13478145	2.061265655	-1.035665366	0.300358285	0.910285132
<i>Gtf2a1</i>	0.183846981	0.139075396	1.321923117	0.186193754	0.872305715
<i>Ston2</i>	-0.211413059	0.185396431	-1.140329715	0.254148962	0.897044747
<i>Sel1l</i>	-0.309231865	0.171599792	-1.802052678	0.071537118	0.744227652
<i>Flrt2</i>	-0.550168914	0.242020982	-2.273228171	0.023012434	0.620006604
<i>Galc</i>	-0.308047424	0.175616056	-1.754096016	0.079414056	0.75659671
<i>Gpr65</i>	-0.353106031	0.537257678	-0.657237756	0.511028052	0.963452765
<i>Spata7</i>	-0.186656923	0.183693103	-1.016134629	0.309565281	0.9139204
<i>Ptpn21</i>	-0.309303755	0.195168865	-1.584800707	0.113011622	0.804684147
<i>Zc3h14</i>	-0.115972265	0.125202423	-0.926278117	0.354301465	0.924354588
<i>Eml5</i>	-0.405516975	0.464217227	-0.873550036	0.382363346	0.930775109
<i>Ttc8</i>	0.07117956	0.182390608	0.390258911	0.696345103	0.987490725
<i>Foxn3</i>	0.165005301	0.363930477	0.453397864	0.650262274	0.979004493
<i>1700064M15Rik</i>	-0.255102539	1.150947534	-0.221645671	0.824589726	0.992886758
<i>Efcab11</i>	-0.357816314	0.404394647	-0.884819609	0.376253932	0.928883222
<i>Tdp1</i>	-0.324733585	0.218753965	-1.48446948	0.137684414	0.833085238
<i>Kcnk13</i>	-0.000458657	0.298178621	-0.001538194	0.998772699	0.999739059
<i>Psmc1</i>	0.112757841	0.090138466	1.250940314	0.210956254	0.884390587
<i>Nrde2</i>	0.185772698	0.230331459	0.806545049	0.419928644	0.943415794
<i>Gm10433</i>	0.210472367	0.390283228	0.539281096	0.58969291	0.974001549
<i>Calm1</i>	0.016952881	0.086437235	0.196129382	0.8445089	0.992886758
<i>Gm10432</i>	0.951657651	1.308553126	0.727259469	0.467067022	0.953239786
<i>Ttc7b</i>	-0.013039217	0.223646492	-0.058302801	0.953507436	0.996070133
<i>Rps6ka5</i>	-0.232761379	0.291328722	-0.798964746	0.424310854	0.94406679
<i>9030617O03Rik</i>	-0.487109986	0.257459825	-1.891984456	0.058493052	0.72285319
<i>Gpr68</i>	-0.620776124	0.557746686	-1.113007284	0.265705301	0.89768067
<i>Ccdc88c</i>	-0.325442631	0.275324277	-1.182033909	0.237192247	0.896609492
<i>Smek1</i>	-0.012573562	0.146092835	-0.086065564	0.931414298	0.994688009
<i>D130020L05Rik</i>	0.289893708	0.328653707	0.882064317	0.377742027	0.928883222
<i>Tc2n</i>	-0.002538915	0.17307688	-0.01466929	0.98829602	0.998148029

<i>Fbln5</i>	-0.14907101	0.141161466	-1.056031889	0.290953646	0.907334416
<i>Trip11</i>	0.037184885	0.366468477	0.101468168	0.919178826	0.994688009
<i>Atxn3</i>	-0.053588608	0.1510054	-0.354878755	0.722680425	0.988585656
<i>Cpsf2</i>	-0.241230812	0.131475994	-1.8347898	0.066536841	0.738254074
<i>Slc24a4</i>	0.193890532	0.229528902	0.844732537	0.398260189	0.935327115
<i>Rin3</i>	-0.31058419	0.288361028	-1.077067145	0.28145027	0.904574518
<i>Lgmn</i>	-0.385609002	0.192634839	-2.001761494	0.045310389	0.693980041
<i>Golga5</i>	-0.215686265	0.114446344	-1.884605979	0.059483055	0.724178089
<i>Itpk1</i>	0.168996625	0.214670099	0.787238774	0.431142103	0.945321484
<i>Tmem251</i>	-0.205878036	0.15680888	-1.312923326	0.189208786	0.875548883
<i>AKO10878</i>	0.220279306	0.289451403	0.761023453	0.446643059	0.948476747
<i>Ubr7</i>	-0.17051684	0.094617489	-1.802170424	0.071518596	0.744227652
<i>Btbd7</i>	-0.03538474	0.257172069	-0.137591691	0.890563122	0.993043931
<i>Unc79</i>	-0.2661444	0.484028756	-0.549852455	0.582420577	0.972017845
<i>Fam181a</i>	-0.79580815	0.68999325	-1.153356427	0.248764118	0.896939594
<i>Asb2</i>	-0.36303927	0.426687856	-0.850831035	0.394863219	0.933796635
<i>Otub2</i>	-0.13789865	0.206482709	-0.667845993	0.504231905	0.96186221
<i>Ddx24</i>	-0.234394488	0.159192492	-1.472396628	0.140913803	0.839671411
<i>Ifi2712a</i>	0.553205143	0.319300882	1.732551249	0.083175461	0.76099108
<i>Ifi27</i>	0.02739488	0.145317973	0.188516804	0.850471544	0.992886758
<i>Ifi2712b</i>	-1.035074318	1.01486935	-1.019908935	0.307771652	0.9139204
<i>Ppp4r4</i>	0.000764698	0.312924827	0.002443712	0.998050202	0.999591134
<i>Serpina10</i>	0.059622858	0.558052187	0.106841007	0.914915114	0.994688009
<i>Serpina1a</i>	-1.220380534	3.279046636	-0.372175412	0.709762251	0.988585656
<i>Serpina1c</i>	0.652789497	4.864957824	0.134181944	0.893258704	0.993341156
<i>Serpina11</i>	-2.46423403	4.707768528	-0.52343993	0.600668143	0.974001549
<i>Serpina9</i>	-0.312185843	0.255374369	-1.22246349	0.221532402	0.891315805
<i>Serpina3c</i>	0.055724272	0.224025504	0.248740749	0.803561326	0.990988839
<i>Serpina3g</i>	0.916865918	0.27146195	3.377511715	0.000731448	0.195776354
<i>Serpina3f</i>	0.677477944	0.589997977	1.148271638	0.250856444	0.896939594
<i>Serpina3h</i>	0.295718471	0.40363273	0.732642448	0.463776534	0.953083512
<i>Serpina3i</i>	0.436345956	0.410696508	1.062453533	0.288029842	0.907334416
<i>Serpina3k</i>	1.834229656	2.7380246	0.669909852	0.502915259	0.961729397
<i>Serpina3m</i>	1.27444965	0.500509313	2.546305567	0.010886984	0.502706181
<i>Serpina3n</i>	-0.116201577	0.23494281	-0.494595163	0.620885917	0.97514112
<i>Dicer1</i>	-0.210870369	0.216006697	-0.976221441	0.32895474	0.917115058
<i>Clmn</i>	-0.026204858	0.341642106	-0.076702659	0.938860089	0.994688009
<i>Syne3</i>	0.578795112	0.526321194	1.099699421	0.271463107	0.89804647
<i>Snhg10</i>	0.442166486	0.334742921	1.320913629	0.186530165	0.872512868
<i>Scarna13</i>	1.119258029	1.785929331	0.626709025	0.530849987	0.966026275
<i>Glr5</i>	0.320717334	0.169996182	1.886614927	0.059212138	0.72285319
<i>D430019H16Rik</i>	0.503103025	0.350355506	1.435978646	0.151008418	0.850827708
<i>AU015791</i>	-0.311221267	1.65818678	-0.187687703	0.851121471	0.992886758
<i>Bdkrb2</i>	0.056215955	0.731473829	0.076852995	0.938740491	0.994688009
<i>Bdkrb1</i>	0.076038611	0.809110255	0.093978059	0.925126586	0.994688009
<i>Atg2b</i>	-0.133169812	0.252429759	-0.527551952	0.597810349	0.974001549
<i>Gskip</i>	0.10548526	0.139888313	0.754067707	0.450808567	0.949134998
<i>Ak7</i>	-0.384911705	0.21275126	-1.809209989	0.070418386	0.744227652
<i>Papola</i>	-0.032268271	0.102283082	-0.315480045	0.7523972	0.988585656
<i>Vrk1</i>	0.220654149	0.174046254	1.267790282	0.204872854	0.883765092
<i>Bcl11b</i>	0.026651896	0.765798744	0.034802742	0.972237034	0.996779533
<i>Setd3</i>	-0.009241444	0.08189583	-0.112843883	0.910154327	0.994688009
<i>Ccnk</i>	0.029865673	0.248976642	0.119953715	0.904519813	0.994688009
<i>Ccdc85c</i>	0.327036751	0.36538375	0.895050069	0.370760323	0.928436166
<i>Hhipl1</i>	0.469975324	1.928709454	0.243673469	0.807483722	0.99099448
<i>Cyp46a1</i>	-1.939253305	1.549176791	-1.251795997	0.210644209	0.884340413
<i>Eml1</i>	-0.024890695	0.144788299	-0.171910959	0.863507531	0.992886758
<i>Gm16596</i>	1.007819228	1.827264755	0.551545268	0.581259944	0.971861865
<i>Evl</i>	-0.01756054	0.203277119	-0.086387194	0.931158627	0.994688009
<i>Degs2</i>	-0.073537511	0.511968487	-0.143636792	0.885787286	0.992886758
<i>Yy1</i>	0.048942217	0.114172856	0.428667713	0.66816506	0.981863224
<i>Slc25a29</i>	-0.554459813	0.261361806	-2.12142632	0.033885942	0.671818913

<i>Slc25a47</i>	-0.100863776	0.402141562	-0.250816592	0.801955913	0.990988839
<i>Wars</i>	-0.368856004	0.177723224	-2.075451913	0.037944671	0.679118604
<i>Wdr25</i>	0.051502318	0.392530816	0.131205797	0.895612511	0.993657615
<i>Begain</i>	0.385711228	1.09991549	0.350673512	0.725833299	0.988585656
<i>Meg3</i>	-0.476822904	0.570820189	-0.835329432	0.403532251	0.937834293
<i>Rian</i>	0.137787203	0.242452623	0.56830568	0.569827423	0.97144955
<i>AF357359</i>	-0.080591339	0.722318561	-0.111573125	0.911161882	0.994688009
<i>Mirg</i>	0.976354828	1.516294529	0.643908429	0.519634816	0.964665379
<i>Dio3os</i>	-0.823148095	1.325219541	-0.621140928	0.534506902	0.96674935
<i>Ppp2r5c</i>	-0.126913061	0.10292223	-1.233096691	0.217539692	0.887633697
<i>B930059L03Rik</i>	1.930309646	0.823663704	2.343565264	0.01910042	0.590246276
<i>Dync1h1</i>	0.12348927	0.174941422	0.705889253	0.480257011	0.957463006
<i>1700001K19Rik</i>	3.572771576	1.683567883	2.122142869	0.033825742	0.671818913
<i>Hsp90aa1</i>	-0.447421581	0.127206092	-3.517296797	0.000435966	0.139568962
<i>Wdr20</i>	0.282719154	0.14051782	2.011980788	0.044221962	0.688942727
<i>Mok</i>	-0.00898967	0.191712559	-0.0468914	0.962599782	0.996474415
<i>Zfp839</i>	-0.454406975	0.410197686	-1.107775567	0.267958755	0.89804647
<i>Cinp</i>	0.281842074	0.159847236	1.763196416	0.077867368	0.754202
<i>Tecpr2</i>	0.1694897	0.365851479	0.463274607	0.643167545	0.978801899
<i>Ankrd9</i>	-0.32518078	0.346272818	-0.93908838	0.347685369	0.921552698
<i>Rcor1</i>	-0.802685602	0.340166852	-2.35968201	0.018290606	0.582676994
<i>Traf3</i>	0.059509315	0.322330223	0.184622202	0.853525371	0.992886758
<i>Amn</i>	0.828026118	1.136220532	0.728754757	0.466151691	0.953083512
<i>Cdc42bpb</i>	-0.089252437	0.207720229	-0.429676193	0.667431204	0.981863224
<i>A230065H16Rik</i>	0.21691437	1.920070603	0.11297208	0.91005269	0.994688009
<i>Exoc3l4</i>	0.364440087	0.224020001	1.626819415	0.103775457	0.79155232
<i>Tnfaip2</i>	0.263285768	0.181025575	1.454411996	0.145832116	0.842832198
<i>Eif5</i>	0.053185852	0.131577733	0.404216202	0.68605374	0.98538669
<i>Snora28</i>	0.029347094	0.246071257	0.119262582	0.905067327	0.994688009
<i>2810029C07Rik</i>	-0.139978384	0.353330599	-0.396168304	0.691980872	0.986464472
<i>Mark3</i>	-0.164132878	0.126084273	-1.301771224	0.192994604	0.879588734
<i>Ckb</i>	-0.231826432	0.123696157	-1.874160339	0.060908329	0.725221283
<i>Trmt61a</i>	0.388643302	0.24030603	1.617284852	0.105816807	0.79419908
<i>Bag5</i>	0.048688768	0.11877483	0.409924968	0.681860989	0.984683806
<i>Apopt1</i>	0.263986081	0.157890336	1.671958452	0.094532515	0.777748075
<i>Klc1</i>	0.077429849	0.127490242	0.607339412	0.543625688	0.967491297
<i>Xrcc3</i>	-0.125161639	0.611315085	-0.204741617	0.837774004	0.992886758
<i>Zfyve21</i>	0.039505866	0.13058092	0.302539342	0.762240947	0.989285682
<i>Ppp1r13b</i>	0.016590981	0.166086028	0.099893898	0.920428561	0.994688009
<i>5033406O09Rik</i>	0.19993461	0.367542891	0.543976269	0.586457804	0.972904784
<i>2010107E04Rik</i>	0.254073748	0.272315152	0.933013628	0.350812932	0.922338606
<i>Aspg</i>	-1.113555384	0.657331469	-1.694054579	0.090254912	0.769347579
<i>Kif26a</i>	-0.154755151	0.313817272	-0.493137773	0.621915242	0.97514112
<i>A530016L24Rik</i>	-0.284860239	0.563311168	-0.50568896	0.613075019	0.974001549
<i>Inf2</i>	0.397107544	0.290912101	1.365043059	0.172239517	0.86244803
<i>Adssl1</i>	0.424029474	0.231284962	1.83336379	0.066748489	0.738254074
<i>Siva1</i>	0.033740836	0.177736067	0.189836744	0.849437062	0.992886758
<i>Akt1</i>	-0.152914221	0.114268622	-1.338199567	0.18083139	0.868087032
<i>Zbtb42</i>	-0.412822487	0.346216108	-1.192383822	0.233110781	0.89581803
<i>Cep170b</i>	0.042622559	0.290859316	0.146540121	0.88349502	0.992886758
<i>Pld4</i>	0.071296135	0.23114811	0.308443513	0.757744876	0.989266039
<i>BC022687</i>	-0.237185463	0.167884365	-1.412790664	0.157717284	0.855986074
<i>Cdca4</i>	-0.110670057	0.168071426	-0.658470386	0.51023592	0.963452765
<i>Gpr132</i>	-0.37110933	0.452937322	-0.819339259	0.41259288	0.942708418
<i>Jag2</i>	0.09427044	0.292077895	0.322757871	0.74687862	0.988585656
<i>Nudt14</i>	0.111168097	0.178576957	0.622522072	0.533598635	0.96674935
<i>Brf1</i>	0.014314459	0.152250843	0.094018915	0.925094132	0.994688009
<i>Btbd6</i>	-0.311084447	0.222150054	-1.400334784	0.161413089	0.857316691
<i>Pacs2</i>	-0.145042965	0.166083719	-0.873312364	0.382492843	0.930775109
<i>Mta1</i>	-0.141808901	0.19388777	-0.731396832	0.4645368	0.953083512
<i>Crip2</i>	-0.189325466	0.154333171	-1.226732168	0.219923273	0.888847883
<i>Crip1</i>	-0.014374864	0.193317371	-0.074358884	0.940724824	0.994688009

4930427A07Rik	0.344178456	0.883355533	0.389626196	0.696812978	0.987518602
Tmem121	-0.140069998	1.013804287	-0.13816276	0.890111786	0.993043931
Zfp386	0.102779141	0.167013133	0.61539556	0.538293523	0.96674935
Vipr2	-0.076659422	0.202567461	-0.378438971	0.705104523	0.988585656
Wdr60	-0.104092639	0.231325311	-0.449983783	0.652722134	0.979004493
Esyt2	-0.098424547	0.109829513	-0.896157548	0.370168625	0.928436166
D430020J02Rik	0.528966318	0.895450193	0.590726678	0.55470357	0.968926429
Ncapg2	0.066935173	0.473656163	0.141315954	0.887620347	0.992886758
Ptpn2	0.1443553	0.427605271	0.337590085	0.735672115	0.988585656
Gm10421	-0.446166876	1.653462431	-0.269837928	0.787284942	0.990988839
Rapgef5	-0.402711052	0.257154036	-1.566030454	0.117341488	0.812881672
Cdca7l	-0.559859884	0.317738781	-1.762013065	0.07806709	0.754202
Dnah11	-0.09881668	0.482139675	-0.204954466	0.837607701	0.992886758
Sp4	-0.048345029	0.173291409	-0.278981104	0.780259326	0.990988839
Itgb8	-0.923289951	1.330079133	-0.694161669	0.487580828	0.958288569
Macc1	-0.339129341	0.220265924	-1.539635979	0.12364911	0.820382953
Tmem196	1.195510762	1.200120133	0.996159242	0.319172779	0.91640698
2810429I04Rik	0.703276899	1.811094233	0.388316017	0.697782185	0.987577127
Gdi2	-0.129344104	0.074758108	-1.730168243	0.08360022	0.76099108
Fam208b	-0.353251824	0.170129061	-2.076375562	0.03785923	0.679118604
Asb13	0.128646741	0.12771025	1.007332934	0.313774808	0.915639195
Calml3	-0.2213225	0.200233606	-1.105321449	0.269020327	0.89804647
Net1	-0.122475561	0.10297669	-1.189352278	0.234301072	0.89581803
Tubal3	1.518778282	1.437909999	1.056240156	0.290858509	0.907334416
Akr1c14	-0.102929269	0.148289599	-0.694109829	0.487613335	0.958288569
Akr1c18	0.420825996	1.282250606	0.328193252	0.74276555	0.988585656
Akr1c13	0.286913407	0.216533536	1.325029886	0.185161239	0.871716376
Akr1c19	0.530291246	0.234751351	2.258948646	0.02388658	0.622011301
Marcks1-ps4	0.637854701	1.151206291	0.554075065	0.579527474	0.971613657
Akr1c12	0.160114646	0.637505334	0.251158127	0.801691857	0.990988839
Akr1c6	2.451716058	4.796180316	0.51118096	0.60922435	0.974001549
Akr1e1	0.091821593	0.165768575	0.553914354	0.579637461	0.971613657
Klf6	-0.039986293	0.119328841	-0.335093284	0.737554719	0.988585656
Pitrm1	-0.016899673	0.241541701	-0.06996586	0.944220833	0.99486515
Pfkp	-0.160170519	0.166253566	-0.96341103	0.335341293	0.918714299
Wdr37	-0.167995204	0.146501596	-1.146712446	0.251500485	0.896939594
Idi1	-0.095796275	0.176978962	-0.54128623	0.58831031	0.973455044
Gtpbp4	-0.156189091	0.168661504	-0.926050621	0.354419674	0.924354588
Larp4b	0.026399188	0.197496739	0.133668982	0.893664334	0.993422442
Dip2c	-0.131381003	0.207733311	-0.632450341	0.527092648	0.965637248
Zmynd11	-0.100419003	0.172144745	-0.583340512	0.559664096	0.968926429
Chrm3	-0.892042546	0.483967956	-1.843185144	0.065301983	0.735191788
Ryr2	0.375904874	0.406237641	0.925332455	0.354793002	0.924354588
Gm10336	-0.324192238	0.333680851	-0.971563808	0.331267595	0.917115058
Mtr	0.712419281	0.336090287	2.119725883	0.034029169	0.671818913
Actn2	0.032593139	0.449997258	0.072429639	0.942259998	0.994688009
Heatr1	-0.091796444	0.206677553	-0.444152946	0.656932009	0.979614766
Lgals8	0.168442393	0.145946554	1.154137509	0.248443798	0.896939594
Edaradd	0.238430147	0.910369604	0.261904776	0.793394858	0.990988839
Ero1lb	-0.312251391	0.208309613	-1.498977349	0.133879508	0.827800491
Gpr137b-ps	0.064291264	0.143884394	0.446825832	0.655000818	0.979133069
Gpr137b	-0.140743594	0.162373422	-0.8667896	0.386057301	0.932379553
Nid1	-0.004790962	0.219527906	-0.021823933	0.982588403	0.997390438
Lyst	-0.310013268	0.308101049	-1.006206468	0.314316262	0.91586731
Gng4	0.149088482	0.661833877	0.225265716	0.821772569	0.992886758
B3galnt2	-0.139454703	0.150754835	-0.925042987	0.354943547	0.924354588
Tbce	-0.024170545	0.189836885	-0.127322699	0.898684995	0.994364545
Ggps1	0.159958864	0.144820249	1.104533828	0.269361638	0.89804647
Arid4b	-0.149702821	0.131193044	-1.141088093	0.253833266	0.897044747
Mrpl32	0.133079194	0.188648568	0.705434425	0.480539927	0.957463006
Pσμα2	0.153368044	0.139845534	1.096696044	0.272774286	0.898806413
AW209491	0.143245013	0.17263425	0.829760105	0.406674431	0.939557159

<i>Gli3</i>	-0.858824184	0.847507567	-1.013352821	0.310891666	0.914819219
<i>Inhba</i>	0.701257593	1.267444163	0.553284802	0.580068406	0.971613657
<i>Sugct</i>	-0.007290825	0.298590592	-0.024417465	0.980519617	0.997296835
<i>Mplkip</i>	0.259805234	0.150096306	1.730923567	0.083465398	0.76099108
<i>Cdk13</i>	-0.088911017	0.154012057	-0.577299069	0.563737443	0.969658675
<i>Mir466i</i>	0.819817982	1.705026082	0.480824305	0.630641374	0.977034429
<i>Rala</i>	-0.121984409	0.106246069	-1.148131033	0.250914475	0.896939594
<i>Yae1d1</i>	-0.044702816	0.112578025	-0.397082961	0.691306284	0.986191149
<i>Vps41</i>	-0.446776099	0.21968516	-2.033710878	0.041980755	0.679118604
<i>Amph</i>	0.291021863	0.239690817	1.214155247	0.224688446	0.892989918
<i>Stard3nl</i>	0.183353595	0.166814717	1.099145198	0.271704738	0.89804647
<i>Epdr1</i>	-0.034454136	0.181242366	-0.190099793	0.849230932	0.992886758
<i>Sfrp4</i>	0.280326752	0.419494372	0.668249137	0.503974575	0.96179897
<i>A530099J19Rik</i>	-0.341419121	0.648814817	-0.526219674	0.598735586	0.974001549
<i>Gpr141</i>	0.837468352	0.32683429	2.562363798	0.010396236	0.499527467
<i>Elmo1</i>	0.012959355	0.285256793	0.045430486	0.963764182	0.996474415
<i>Aoah</i>	-0.436548584	0.549801119	-0.794011814	0.427188554	0.944314584
<i>Trim27</i>	0.081991055	0.146386068	0.560101496	0.57541021	0.971613657
<i>Zscan12</i>	0.226327779	0.251622776	0.899472543	0.368401014	0.928436166
<i>Zkscan3</i>	0.144729026	0.197559572	0.732584224	0.463812056	0.953083512
<i>Pgbd1</i>	0.391679783	0.346599334	1.13006502	0.258448828	0.897248195
<i>Zscan26</i>	-0.154861939	0.12449988	-1.243872192	0.213546605	0.884945675
<i>Nkapl</i>	-0.988371265	0.788002326	-1.254274553	0.20974223	0.884258007
<i>Zkscan4</i>	0.492883751	0.279971903	1.760475766	0.078327173	0.754732183
<i>Zfp389</i>	0.862670352	1.31352827	0.656758116	0.511336459	0.963452765
<i>Zkscan8</i>	-0.161760185	0.294757063	-0.548791549	0.58314851	0.972174584
<i>Hist1h4j</i>	1.133214965	1.005095106	1.127470384	0.259543655	0.897248195
<i>Hist1h4k</i>	0.212900192	0.73028695	0.291529504	0.770646382	0.989990452
<i>Hist1h2bn</i>	1.818963788	0.610719511	2.978394754	0.002897625	0.345325017
<i>Hist1h1b</i>	-0.179156088	1.454916283	-0.123138417	0.90199749	0.994688009
<i>Hist1h3i</i>	-0.931368751	1.505746137	-0.618543012	0.536217454	0.96674935
<i>Hist1h4n</i>	-0.767930218	0.700713059	-1.095926797	0.273110811	0.898826892
<i>Zfp184</i>	-0.82468154	0.391991609	-2.103824473	0.035393761	0.674795441
<i>Prss16</i>	0.996844414	0.915224053	1.089180744	0.276074189	0.900302631
<i>Hist1h4i</i>	-0.046848866	0.366451982	-0.127844487	0.898272043	0.994364545
<i>Hist1h2bj</i>	-0.666302167	1.632210917	-0.408220629	0.683111705	0.984738223
<i>Zfp322a</i>	0.062971236	0.179184568	0.351432247	0.725264093	0.988585656
<i>Abt1</i>	-0.273400255	0.19842206	-1.377872273	0.168242727	0.861597949
<i>C230035I16Rik</i>	0.219335862	0.384501202	0.570442591	0.568377549	0.971380162
<i>Hist1h4h</i>	0.335867018	0.362820433	0.92571142	0.354595971	0.924354588
<i>Hist1h2bh</i>	-0.549895366	1.798472526	-0.30575689	0.759789754	0.989266039
<i>Hist1h3f</i>	-1.917638303	1.487595205	-1.289086102	0.197368155	0.87989762
<i>Hist1h4f</i>	4.673535019	1.881214277	2.484318282	0.012979974	0.533813677
<i>Hist1h1d</i>	1.922171285	1.334012489	1.44089452	0.149614484	0.848779008
<i>Hist1h3e</i>	0.958418112	1.273584369	0.75253602	0.451728777	0.949134998
<i>Hist1h2ae</i>	-1.754518078	0.776821943	-2.258584601	0.023909237	0.622011301
<i>Hist1h2bg</i>	0.260635775	0.715045513	0.364502357	0.715482914	0.988585656
<i>Hist1h2ad</i>	0.358178401	0.694413028	0.515800232	0.605993941	0.974001549
<i>Hist1h3d</i>	1.580711803	1.078840273	1.465195398	0.142867615	0.840741274
<i>Hist1h4d</i>	2.97007219	1.606353363	1.848953199	0.064464571	0.73299549
<i>Hist1h2be</i>	-0.414509919	0.297957599	-1.391170825	0.164173632	0.859982992
<i>Hist1h1e</i>	0.20188427	0.61230566	0.329711586	0.741617898	0.988585656
<i>Hist1h2ac</i>	-0.42731468	0.561843492	-0.760558208	0.44692099	0.948476747
<i>Hist1h2bc</i>	0.058017729	0.140224674	0.413748365	0.679058403	0.983903958
<i>Hist1h4c</i>	-0.19917218	0.593996393	-0.335308736	0.737392204	0.988585656
<i>Hfe</i>	0.143051075	0.121480988	1.177559365	0.238972318	0.896609492
<i>Hist1h1c</i>	0.360565814	0.162612758	2.217327953	0.026600689	0.633489138
<i>Hist1h3c</i>	2.02712497	1.788211604	1.133604639	0.256960426	0.897248195
<i>Hist1h2bb</i>	0.360686971	1.06104561	0.339935406	0.733905172	0.988585656
<i>Hist1h4b</i>	-0.78634372	1.909017968	-0.411910067	0.680405341	0.984226822
<i>Hist1h4a</i>	-0.178891498	1.460396857	-0.122495127	0.902506905	0.994688009
<i>Slc17a2</i>	-0.701488334	1.205502944	-0.581905119	0.560630592	0.968926429

<i>Lrrc16a</i>	-0.206693888	0.233941521	-0.883528018	0.376951051	0.928883222
<i>Cmah</i>	0.036864588	0.225976615	0.163134525	0.870412517	0.992886758
<i>Fam65b</i>	-0.078925062	0.161869535	-0.48758441	0.62584424	0.9764127
<i>Gm11346</i>	0.872480421	0.627971797	1.389362428	0.164722569	0.859982992
<i>Gmnn</i>	0.43275509	0.195871071	2.209387473	0.027147702	0.635926147
<i>BC005537</i>	-0.134696106	0.112123996	-1.201313821	0.229629491	0.895404344
<i>Acot13</i>	0.147602922	0.196445561	0.751368066	0.452431176	0.94958784
<i>Tdp2</i>	-0.063149006	0.138695114	-0.455308082	0.648887613	0.979004493
<i>D130043K22Rik</i>	0.16259553	0.601749363	0.270204739	0.787002747	0.990988839
<i>Aldh5a1</i>	-0.022722	0.381475649	-0.059563435	0.952503341	0.996023481
<i>9330162012Rik</i>	0.243723936	0.366127732	0.665680075	0.505615612	0.96224682
<i>Gpld1</i>	-0.272999951	0.253031233	-1.078917995	0.280624286	0.903520552
<i>Mrs2</i>	0.122167404	0.248421266	0.491775142	0.622878311	0.975486913
<i>Dcdc2a</i>	-0.115154351	0.32022431	-0.359605276	0.719142338	0.988585656
<i>2610307P16Rik</i>	0.018933036	0.238396189	0.079418366	0.936699861	0.994688009
<i>Sox4</i>	-0.004415197	0.288918791	-0.015281794	0.987807367	0.998148029
<i>A330102I10Rik</i>	-1.191348279	1.403004799	-0.849140559	0.395803084	0.934066368
<i>Cdkal1</i>	0.148400639	0.230005722	0.645204118	0.518794918	0.96446859
<i>E2f3</i>	-0.609115447	0.394956129	-1.542235713	0.123016325	0.817788082
<i>Mboat1</i>	-0.120945546	0.171449302	-0.705430381	0.480542443	0.957463006
<i>Agtr1a</i>	-0.168643366	0.355086649	-0.474935812	0.634832725	0.977034429
<i>Uqcrrs1</i>	0.041563589	0.114233015	0.36384918	0.715970635	0.988585656
<i>Dusp22</i>	0.204471814	0.134003792	1.52586588	0.12704327	0.824450458
<i>Irf4</i>	-0.708180115	0.489934036	-1.445460129	0.148328684	0.847956033
<i>Exoc2</i>	-0.114624257	0.143480825	-0.79888206	0.424358802	0.94406679
<i>Hus1b</i>	3.117338115	2.185782557	1.426188577	0.153813916	0.854159937
<i>Foxq1</i>	-0.189036417	0.34533752	-0.547396116	0.584106623	0.972333834
<i>1700018A04Rik</i>	0.625622195	0.656366311	0.953160125	0.340508947	0.919850248
<i>Foxf2</i>	-0.084096766	0.338942124	-0.248115416	0.804045108	0.990988839
<i>Foxc1</i>	-0.421599205	0.476430674	-0.884911967	0.376204113	0.928883222
<i>Gmds</i>	0.007328362	0.154786733	0.047344894	0.962238348	0.996474415
<i>Mylk4</i>	0.069712438	0.664575391	0.104897713	0.916456974	0.994688009
<i>Wrnip1</i>	0.134862514	0.162591368	0.829456786	0.40684598	0.939557159
<i>Serpinb1a</i>	0.102942576	0.146361415	0.703345046	0.481840744	0.957463006
<i>Serpinb1c</i>	0.91296856	1.048292665	0.870909995	0.383803299	0.931591679
<i>Serpinb6b</i>	0.071802815	0.158993576	0.451608279	0.651551205	0.979004493
<i>Serpinb9</i>	0.077629057	0.169570494	0.457798144	0.64709747	0.979004493
<i>Serpinb9b</i>	0.782752717	0.444152498	1.762351267	0.078009967	0.754202
<i>Serpinb1b</i>	0.058620407	0.457926811	0.128012611	0.898138993	0.994364545
<i>Serpinb6c</i>	0.139703712	0.93475715	0.149454553	0.881194968	0.992886758
<i>Serpinb6a</i>	0.13787484	0.186328233	0.739956782	0.459326219	0.952683168
<i>1110046J04Rik</i>	0.155968124	0.247719033	0.629617039	0.528945173	0.965637248
<i>Nqo2</i>	-0.141556275	0.136724564	-1.035339009	0.300510618	0.910285132
<i>Ripk1</i>	-0.08278065	0.139041932	-0.595364641	0.551599756	0.968926429
<i>Bph1</i>	0.021441917	0.125354088	0.171050804	0.864183819	0.992886758
<i>Tubb2a</i>	-0.088439471	0.12508863	-0.707014464	0.479557489	0.957463006
<i>4930447K03Rik</i>	0.590020623	1.000978854	0.589443644	0.555563707	0.968926429
<i>Tubb2b</i>	0.164554845	0.377003434	0.436481023	0.662487765	0.980647283
<i>Psmg4</i>	0.461311996	0.233467301	1.975916947	0.048164184	0.705270529
<i>Slc22a23</i>	0.144229643	0.221562861	0.650964887	0.515069153	0.964352198
<i>Pxdc1</i>	-0.130833371	0.136281204	-0.960025062	0.337042602	0.919246575
<i>Gm15908</i>	-0.063321592	0.439838269	-0.143965627	0.885527612	0.992886758
<i>Prpf4b</i>	-0.267076741	0.146348717	-1.824933941	0.068010999	0.742385562
<i>Fam217a</i>	-0.985700845	0.892779785	-1.104080605	0.269558174	0.89804647
<i>Eci3</i>	-0.329237902	1.06331178	-0.309634397	0.756838996	0.989266039
<i>Eci2</i>	0.084541704	0.100537162	0.840900045	0.400403933	0.936857985
<i>Cdyl</i>	-0.03040461	0.207795189	-0.146320089	0.883668708	0.992886758
<i>Rpp40</i>	0.369914138	0.266274116	1.389223042	0.164764937	0.859982992
<i>Lym4</i>	0.021323261	0.168912457	0.126238535	0.899543109	0.99447264
<i>Fars2</i>	0.137227401	0.151074725	0.908341228	0.363697967	0.926455466
<i>Nrn1</i>	0.266205896	0.168775999	1.577273411	0.114732628	0.809454857
<i>F13a1</i>	0.226808164	0.187412123	1.210210744	0.226198036	0.89398447

<i>Ly86</i>	-0.013535913	0.141390124	-0.095734498	0.923731441	0.994688009
<i>Rreb1</i>	0.015435427	0.290847599	0.0530705	0.957675736	0.996226826
<i>Ssr1</i>	-0.06266712	0.083028275	-0.754768419	0.450387946	0.949134998
<i>Cage1</i>	0.229750245	0.727819935	0.315669074	0.752253702	0.988585656
<i>Riok1</i>	0.095970582	0.167396998	0.57331125	0.56643397	0.970426802
<i>Dsp</i>	-0.07319031	0.259664448	-0.281864963	0.778047056	0.990988839
<i>Snrrnp48</i>	0.322728481	0.160767088	2.007428796	0.044704025	0.689870152
<i>Bmp6</i>	-0.146178565	0.189640679	-0.770818614	0.440814453	0.948068187
<i>Txndc5</i>	-0.161949451	0.110533072	-1.465167382	0.142875256	0.840741274
<i>Bloc1s5</i>	0.147697811	0.148769056	0.99279927	0.320807786	0.91640698
<i>Eef1e1</i>	0.411445372	0.222394816	1.85006728	0.064303853	0.73299549
<i>Slc35b3</i>	0.044352634	0.200208032	0.22153274	0.824677647	0.992886758
<i>5033403F01Rik</i>	-0.10588982	1.450123231	-0.073021256	0.941789202	0.994688009
<i>Tfap2a</i>	-0.244080761	1.300461115	-0.187687858	0.851121349	0.992886758
<i>Gcnt2</i>	-0.046507001	0.142765953	-0.32575695	0.744608253	0.988585656
<i>Pak1ip1</i>	0.024142458	0.106323909	0.227065183	0.820373057	0.992886758
<i>Tmem14c</i>	0.103341391	0.157152422	0.65758701	0.510803544	0.963452765
<i>Mak</i>	-0.224061526	0.332103627	-0.674673529	0.499883206	0.961017744
<i>Gcm2</i>	-0.768942152	3.308402768	-0.232420961	0.81621107	0.992676801
<i>Smim13</i>	-0.120322314	0.127921248	-0.940596783	0.346911531	0.921552698
<i>Nedd9</i>	-0.137275205	0.142031566	-0.966511948	0.333788071	0.917622131
<i>Tmem170b</i>	-0.301162256	0.211354037	-1.424918398	0.154180791	0.854159937
<i>Adtrp</i>	0.299035759	0.566883273	0.527508525	0.597840498	0.974001549
<i>Gm10790</i>	0.410883809	1.060209381	0.387549682	0.698349312	0.987736745
<i>Hivep1</i>	0.202502214	0.183260873	1.104994267	0.269162073	0.89804647
<i>Edn1</i>	-0.057117299	0.194713584	-0.293340083	0.769262219	0.989990452
<i>Phactr1</i>	-0.386987962	0.180094433	-2.148805791	0.031649798	0.661395937
<i>Tbc1d7</i>	0.032690809	0.242803261	0.134639084	0.892897238	0.993300147
<i>Gfod1</i>	-0.269890162	0.240913484	-1.120278355	0.262595163	0.897248195
<i>Sirt5</i>	0.115429368	0.260388217	0.443297202	0.657550779	0.979614766
<i>Nol7</i>	0.188523634	0.117672919	1.602098723	0.10913378	0.798400564
<i>Ranbp9</i>	-0.005832807	0.189840279	-0.030724814	0.975489002	0.997262526
<i>Mcur1</i>	-0.076379559	0.130392307	-0.58576737	0.558031854	0.968926429
<i>Cd83</i>	0.134944831	0.181855896	0.742042651	0.458061495	0.952235842
<i>1700029N11Rik</i>	-0.614997871	1.679116879	-0.366262694	0.714169064	0.988585656
<i>Jarid2</i>	0.158358991	0.273765342	0.578447915	0.562961753	0.969658675
<i>Dtnbp1</i>	0.051021289	0.138372399	0.368724463	0.712333113	0.988585656
<i>Myliip</i>	0.119381593	0.205299707	0.581499091	0.560904131	0.968985477
<i>Gmpr</i>	-0.017756033	0.194287205	-0.091390646	0.927182194	0.994688009
<i>Atxn1</i>	-0.143431296	0.234898002	-0.610610966	0.541457161	0.967217841
<i>Stmnd1</i>	-0.044897849	0.12375758	-0.36278868	0.716762748	0.988585656
<i>Rbm24</i>	-0.570066614	0.25146819	-2.266953186	0.023393086	0.622011301
<i>Cap2</i>	-0.457923652	0.363757075	-1.258872152	0.208076514	0.884258007
<i>Fam8a1</i>	0.015153873	0.176645014	0.085787155	0.931635617	0.994688009
<i>Nup153</i>	-0.185283719	0.142725335	-1.298183806	0.194224181	0.879588734
<i>Kif13a</i>	0.155626938	0.184430746	0.843823175	0.398768223	0.935847172
<i>Nhlrc1</i>	-0.362275602	0.386166929	-0.938132127	0.348176513	0.921552698
<i>Tpmt</i>	0.030104462	0.386424523	0.077905153	0.9379035	0.994688009
<i>Kdm1b</i>	-0.071388916	0.181789459	-0.392701078	0.694540274	0.987010101
<i>Dek</i>	-0.006626002	0.139709462	-0.047427012	0.962172901	0.996474415
<i>Rnf144b</i>	0.116068464	0.142296486	0.815680465	0.414682914	0.943415794
<i>Id4</i>	-0.13268455	0.310616167	-0.427165628	0.669258695	0.981863224
<i>A330048O09Rik</i>	-0.935571957	1.819086134	-0.514308773	0.607036129	0.974001549
<i>Zfp169</i>	-0.322846905	0.493826187	-0.653766271	0.5132624	0.964352198
<i>Mirlet7d</i>	-0.388610046	1.229997188	-0.315943849	0.752045129	0.988585656
<i>Ptpdc1</i>	-0.205422591	0.29785332	-0.689677021	0.49039732	0.95865865
<i>Phf2</i>	-0.311417079	0.215076553	-1.447935979	0.147634956	0.846658212
<i>Fam120a</i>	0.008094386	0.124198457	0.065172999	0.948036259	0.995535632
<i>Fam120aos</i>	0.224201988	0.167635841	1.337434685	0.181080789	0.868087032
<i>Wnk2</i>	0.611201297	1.320160325	0.462975053	0.643382249	0.978801899
<i>Ninj1</i>	0.102563147	0.132915511	0.771641673	0.440326685	0.947849924
<i>1110007C09Rik</i>	-0.040825196	0.146955007	-0.27780745	0.781160172	0.990988839

<i>Susd3</i>	0.619771225	0.184839677	3.353020493	0.000799348	0.203921137
<i>Fgd3</i>	0.499635532	0.617184708	0.809539714	0.418204769	0.943415794
<i>Bicd2</i>	-0.309801804	0.146998106	-2.107522424	0.03507232	0.674795441
<i>Ippk</i>	0.137709889	0.153438545	0.897492147	0.369456362	0.928436166
<i>Cenpp</i>	0.160563806	0.460278619	0.348840462	0.727209085	0.988585656
<i>Ecm2</i>	-0.191704702	0.21937059	-0.873885152	0.382180801	0.930767593
<i>Aspn</i>	0.142432731	0.159950728	0.890478794	0.37320885	0.928840865
<i>Omd</i>	0.142889618	0.305354582	0.467946534	0.639822825	0.977843986
<i>Ogn</i>	-0.257799932	0.129100741	-1.996889634	0.045837174	0.696869274
<i>Nol8</i>	-0.131013018	0.18909775	-0.692832241	0.488414836	0.958481967
<i>Iars</i>	-0.240323146	0.21845094	-1.100124111	0.27127805	0.89804647
<i>Fbxw17</i>	0.054991826	0.195561473	0.281199691	0.778557242	0.990988839
<i>9430083A17Rik</i>	0.902105252	0.567721602	1.588992295	0.112062132	0.801067615
<i>Spin1</i>	-0.058616525	0.105597457	-0.555094098	0.5788303	0.971613657
<i>Nxn12</i>	0.180324179	0.485764503	0.371217284	0.710475701	0.988585656
<i>S1pr3</i>	0.181285855	0.275771587	0.657376844	0.510938637	0.963452765
<i>Cks2</i>	0.274723069	0.212690005	1.291659515	0.196475084	0.879755417
<i>Secisbp2</i>	-0.007291802	0.197846898	-0.036855782	0.970599996	0.996733101
<i>Sema4d</i>	-0.056546889	0.286313166	-0.197500136	0.843436175	0.992886758
<i>Gadd45g</i>	0.120114936	0.273467874	0.439228688	0.66049584	0.979924124
<i>Diras2</i>	-0.202564355	0.262040108	-0.773028056	0.439505777	0.947849924
<i>Gm2848</i>	-0.969334857	1.886254184	-0.513894079	0.607326047	0.974001549
<i>Syk</i>	-0.050629505	0.173888778	-0.29116028	0.770928739	0.989990452
<i>BB123696</i>	0.753365069	1.610481807	0.467788624	0.639935757	0.977843986
<i>Auh</i>	0.328350848	0.143350622	2.290543593	0.021989825	0.616886367
<i>Nfil3</i>	0.08743791	0.21827589	0.400584373	0.688726153	0.98538669
<i>Ror2</i>	-0.077597895	0.808737211	-0.095949456	0.923560716	0.994688009
<i>Sptlc1</i>	-0.113087735	0.159037369	-0.711076496	0.477036834	0.95716557
<i>Sfxn1</i>	-0.288184858	0.162177278	-1.776974318	0.075572465	0.752876039
<i>Hrh2</i>	0.38877068	1.272117966	0.305608985	0.759902379	0.989266039
<i>Cplx2</i>	-0.063359257	0.246251904	-0.257294485	0.79695145	0.990988839
<i>Thoc3</i>	0.206948415	0.142119774	1.456154969	0.145349785	0.842729381
<i>Simc1</i>	-0.354568988	0.448976391	-0.789727467	0.429686947	0.945321484
<i>4833439L19Rik</i>	-0.153150023	0.12454978	-1.229629011	0.218836061	0.888671255
<i>Arl10</i>	0.212720816	0.182784368	1.163780136	0.244513124	0.896939594
<i>Nop16</i>	0.103381739	0.165595584	0.624302508	0.532428937	0.96674935
<i>Higd2a</i>	0.180178113	0.120262742	1.498203927	0.134080276	0.827800491
<i>Cltb</i>	0.267682521	0.104792414	2.554407426	0.010636871	0.502706181
<i>Faf2</i>	-0.236188089	0.151488569	-1.55911493	0.118969181	0.814755048
<i>Rnf44</i>	-0.040429686	0.212293104	-0.190442768	0.848962187	0.992886758
<i>Tspan17</i>	0.434607392	0.144454708	3.008606635	0.002624487	0.327099208
<i>Unc5a</i>	1.045956506	0.626333887	1.669966335	0.094926024	0.778239075
<i>Hk3</i>	-1.107534808	0.538101247	-2.058227546	0.039568296	0.679118604
<i>Uimc1</i>	0.097855801	0.121780061	0.803545342	0.4216596	0.943415794
<i>Zfp346</i>	0.010184909	0.182989441	0.055658451	0.955613899	0.99614946
<i>Fgfr4</i>	-0.211921559	0.260768213	-0.812681717	0.416400566	0.943415794
<i>Nsd1</i>	0.053454127	0.147903633	0.36141186	0.717791584	0.988585656
<i>Rab24</i>	0.297671905	0.124609757	2.388833051	0.016901981	0.569373711
<i>Prelid1</i>	-0.077967379	0.154647941	-0.504160472	0.614148615	0.974001549
<i>Mxd3</i>	0.12607899	0.457632023	0.275502989	0.78292983	0.990988839
<i>Lman2</i>	-0.158818608	0.092569877	-1.715661858	0.08622395	0.764681382
<i>Rgs14</i>	-0.215310818	0.209815092	-1.026193187	0.304800532	0.912445598
<i>Grk6</i>	-0.065610916	0.153719414	-0.426822572	0.669508564	0.981863224
<i>Prr7</i>	0.197885334	0.394680667	0.501380866	0.616103103	0.974001549
<i>Dbn1</i>	-0.427707765	0.310815793	-1.376081185	0.1687965	0.861597949
<i>Pdlim7</i>	-0.039597563	0.174519907	-0.226894249	0.820505974	0.992886758
<i>Dok3</i>	0.248845983	0.25166045	0.98881641	0.322752974	0.91640698
<i>Ddx41</i>	0.067772303	0.122984887	0.551062047	0.581591141	0.971915898
<i>Fam193b</i>	0.100935607	0.161921497	0.623361377	0.533047073	0.96674935
<i>Tmed9</i>	0.107255134	0.128294552	0.83600693	0.403151005	0.937834293
<i>B4galt7</i>	0.109245785	0.138233968	0.79029624	0.429354782	0.945321484
<i>Cam1</i>	-0.006278761	0.141201258	-0.04446675	0.964532355	0.996474415

<i>Ddx46</i>	-0.089488998	0.128798003	-0.694801129	0.487179941	0.958288569
<i>B230219D22Rik</i>	-0.084841787	0.109694289	-0.773438501	0.439262912	0.947849924
<i>Txndc15</i>	0.114379012	0.125948168	0.908143518	0.363802401	0.926455466
<i>Pcbd2</i>	0.461731111	0.256059192	1.803220213	0.071353637	0.744227652
<i>Catsper3</i>	0.493818136	1.638185269	0.301442178	0.763077335	0.989285682
<i>H2afy</i>	-0.008625352	0.124895822	-0.069060373	0.944941563	0.99486515
<i>Tifab</i>	-0.01312556	0.243309545	-0.053945933	0.956978241	0.996226826
<i>Cxcl14</i>	-0.017850775	0.148777598	-0.119982947	0.904496657	0.994688009
<i>Fbxl21</i>	0.146115964	0.527348877	0.277076468	0.781721391	0.990988839
<i>Tgfb1</i>	-0.117861962	0.179771831	-0.655619744	0.512068819	0.963452765
<i>Smad5</i>	-0.234263793	0.108759467	-2.153962316	0.031243127	0.661395937
<i>Klhl3</i>	-0.296865353	1.206609672	-0.246032632	0.805656972	0.99099448
<i>Hnnrpa0</i>	0.017883525	0.165722043	0.107912774	0.914064884	0.994688009
<i>Idnk</i>	0.374857774	0.186053819	2.014781398	0.043927559	0.688477147
<i>Ubqln1</i>	-0.231706694	0.15197044	-1.524682651	0.127338271	0.824450458
<i>Gkap1</i>	-0.132776256	0.137303911	-0.967024572	0.33353175	0.917554801
<i>Kif27</i>	-0.265147221	0.350376096	-0.756750314	0.449199465	0.948476747
<i>2210016F16Rik</i>	0.134423081	0.129243234	1.040078279	0.298303534	0.909779403
<i>Hnnrpk</i>	0.060616571	0.114668321	0.52862526	0.597065434	0.974001549
<i>Mir7-1</i>	-0.402614482	0.469633874	-0.857294383	0.391282212	0.933734231
<i>Rmi1</i>	0.006797083	0.156537123	0.043421539	0.965365508	0.996474415
<i>Slc28a3</i>	-0.608690223	0.711936333	-0.854978451	0.392563078	0.933734231
<i>Ntrk2</i>	1.025949027	0.373358602	2.747891764	0.005997981	0.427133716
<i>Agtbp1</i>	-0.089659315	0.146548004	-0.611808502	0.540664464	0.966989525
<i>Naa35</i>	-0.054692565	0.126601328	-0.432006249	0.665736871	0.981798021
<i>Golm1</i>	-0.021583858	0.172474081	-0.125142615	0.900410646	0.994688009
<i>Isca1</i>	0.090266045	0.094225198	0.957982015	0.338071828	0.919246575
<i>Etohd2</i>	0.541081447	0.417297871	1.296631219	0.194758105	0.879588734
<i>Zcchc6</i>	0.074036366	0.167251288	0.442665448	0.658007738	0.979614766
<i>Gas1</i>	-0.217347798	0.22653984	-0.959424171	0.337345103	0.919246575
<i>Gm5084</i>	0.564354363	0.558390598	1.010680275	0.312169481	0.914819219
<i>Dapk1</i>	-0.006769074	0.115395695	-0.058659676	0.953223178	0.996070133
<i>4930486L24Rik</i>	0.069195927	0.263666364	0.262437444	0.792984208	0.990988839
<i>Ctla2b</i>	0.119297545	0.362634636	0.328974492	0.742174968	0.988585656
<i>Ctla2a</i>	0.193531576	0.24973908	0.774935088	0.438378017	0.947776577
<i>Zfp808</i>	-0.385554372	0.231248076	-1.66727602	0.095459533	0.778239075
<i>Gm3604</i>	0.276501334	0.244631953	1.130274809	0.258360446	0.897248195
<i>Zfp935</i>	-0.015143329	0.188423106	-0.080368745	0.935943985	0.994688009
<i>Zfp934</i>	-0.137866217	0.289057174	-0.476951377	0.633396746	0.977034429
<i>6720489N17Rik</i>	0.274825799	0.276966752	0.992270001	0.321065833	0.91640698
<i>Gm5141</i>	-0.021140787	0.330889312	-0.063890812	0.949057168	0.995624732
<i>Fbp2</i>	-0.119223694	0.641501038	-0.185851131	0.852561506	0.992886758
<i>Fbp1</i>	-0.05126303	0.735332638	-0.069714069	0.944421244	0.99486515
<i>2010111I01Rik</i>	0.144921079	0.152228402	0.951997642	0.341098178	0.919850248
<i>Gm16907</i>	-0.997171727	1.366230986	-0.729870525	0.46546933	0.953083512
<i>Fancc</i>	0.170196048	0.153121046	1.1115131	0.266347554	0.89768067
<i>Ptch1</i>	0.015076752	0.369897429	0.040759277	0.967487804	0.996474415
<i>Ercc6l2</i>	-0.099779834	0.163013149	-0.612096843	0.540473686	0.966989525
<i>Slc35d2</i>	-0.113234987	0.163965465	-0.690602664	0.489815273	0.958560421
<i>Zfp367</i>	0.098601268	0.128375999	0.768066221	0.442447844	0.948476747
<i>Habp4</i>	0.039582701	0.109124541	0.362729601	0.716806885	0.988585656
<i>Cdc14b</i>	-0.301545584	0.280473798	-1.075129248	0.282316866	0.90579922
<i>1810034E14Rik</i>	0.129245224	0.247380596	0.522454978	0.601353585	0.974001549
<i>Aaed1</i>	0.089923507	0.148224184	0.6066723	0.544068408	0.967491297
<i>Ctsl</i>	-0.116961914	0.111632141	-1.047744068	0.294756538	0.907334416
<i>Cdk20</i>	0.318098706	0.23792874	1.336949483	0.181239127	0.868087032
<i>Hiatl1</i>	-0.010054867	0.081510688	-0.123356419	0.901824866	0.994688009
<i>Zfp369</i>	-0.174925057	0.634146935	-0.275843101	0.782668578	0.990988839
<i>Uqcrb</i>	0.113435256	0.142693235	0.794958893	0.426637415	0.944290206
<i>Gm10767</i>	0.786665872	0.612296499	1.284779307	0.198869415	0.880661448
<i>Mterf3</i>	-0.060078306	0.142855749	-0.420552246	0.67408207	0.983375962
<i>Ptdss1</i>	0.057785983	0.11893067	0.485879574	0.627052551	0.97671122

4933433G19Rik	0.169568241	2.248087994	0.07542776	0.939874373	0.994688009
Zfp712	-0.105613035	0.234627228	-0.450131196	0.652615844	0.979004493
Zfp708	0.250735078	0.28354868	0.884275244	0.376547649	0.928883222
Rslcan18	-0.529553302	0.472253106	-1.121333656	0.262145865	0.897248195
Zfp759	0.044754245	0.262180229	0.170700304	0.864459424	0.992886758
Rsl1	-0.091130804	0.252000572	-0.361629355	0.717629025	0.988585656
Zfp455	0.021933746	0.283135752	0.077467242	0.93825185	0.994688009
Zfp458	-0.093062696	0.379913913	-0.244957325	0.806489475	0.99099448
F630042J09Rik	-0.490439457	0.550354764	-0.891133301	0.372857661	0.928840865
Zfp457	-0.701484748	1.975216754	-0.355143174	0.722482334	0.988585656
Zfp595	-0.262671907	0.208782198	-1.258114486	0.208350355	0.884258007
Zfp953	0.226446097	0.216054462	1.048097293	0.294593783	0.907334416
Zfp456	0.013741703	0.249060627	0.05517413	0.955999739	0.99614946
Zfp429	-0.050437864	0.208027248	-0.242457969	0.808425321	0.991020605
Zfp459	-0.197441094	0.567739083	-0.347767311	0.728014941	0.988585656
Zfp874a	0.11337465	0.161419608	0.702359842	0.482454783	0.957463006
Zfp874b	0.137841961	0.133991577	1.028736016	0.303603741	0.911786415
Zfp58	-0.180274024	0.183480242	-0.982525538	0.325841008	0.916610292
Zfp87	0.032018469	0.184557166	0.173488085	0.862267793	0.992886758
Zfp748	-0.03848665	0.150789709	-0.255233931	0.798542425	0.990988839
9430065F17Rik	0.624818105	0.51715765	1.208177244	0.226979093	0.89398447
Zfp729b	-0.02667321	0.149476627	-0.178444017	0.858374283	0.992886758
Zfp729a	-0.023892184	0.222026917	-0.107609401	0.914305539	0.994688009
Zfp738	-0.060476633	0.201420929	-0.300249993	0.763986474	0.989384061
Zfp65	0.174793156	0.181420281	0.963470873	0.335311275	0.918714299
Zfp85os	-1.599439375	1.290801506	-1.2391056	0.215306393	0.887633697
Zfp85	0.295812475	0.23407424	1.263754933	0.206318001	0.883765092
Zfp493	-0.271786968	0.346524891	-0.784321633	0.432851409	0.946072952
4930525G20Rik	-0.679699176	1.004034237	-0.676968126	0.498426178	0.960700483
Zfp273	0.027903341	0.238110599	0.117186474	0.906712286	0.994688009
Gm10037	0.820438171	0.734346134	1.117236319	0.263893295	0.897248195
Mtrr	0.068929801	0.180234188	0.38244576	0.702130754	0.988482081
Fastkd3	-0.289757438	0.295363044	-0.981021302	0.326582237	0.916882624
1700001L19Rik	0.20922387	0.196167583	1.066556804	0.286172015	0.905916508
Adcy2	0.142919182	0.275393487	0.518963553	0.603786158	0.974001549
Papd7	-0.236349851	0.248525403	-0.951008823	0.341599897	0.919850248
Srd5a1	-0.883527941	0.568422291	-1.554351323	0.120100637	0.81558552
Nsun2	-0.023794485	0.119886799	-0.198474606	0.842673751	0.992886758
Ube2ql1	-0.372394377	1.850356199	-0.201255508	0.84049879	0.992886758
Med10	0.366145843	0.171534141	2.134536254	0.032798909	0.665167506
Ice1	-0.044571355	0.172736698	-0.258030607	0.796383286	0.990988839
Irx1	-0.320023476	0.182562445	-1.752953501	0.079609989	0.75659671
Gm20554	0.011760715	0.330773943	0.035555143	0.971637077	0.996733101
Irx2	-0.363179521	0.220968113	-1.643583392	0.100262287	0.788783372
Ndufs6	0.540297311	0.173682881	3.110826512	0.001865645	0.292888346
Mrpl36	-0.053038283	0.117785085	-0.450297105	0.652496226	0.979004493
D630045M09Rik	0.100649918	0.424411379	0.23715179	0.812539036	0.992000477
Lpcat1	-0.416061964	0.165729222	-2.510492472	0.012056289	0.525888996
Clptm1l	-0.039987307	0.087129964	-0.458938634	0.646278234	0.979004493
Tert	0.623955567	1.586664734	0.393249786	0.694135002	0.986949593
Slc6a19	-1.206779815	2.085600488	-0.578624632	0.562842481	0.969658675
Slc12a7	-0.355299472	0.253512319	-1.401507722	0.1610623	0.857316691
Nkd2	-0.118843306	0.295990209	-0.401510938	0.688043987	0.98538669
Trip13	-0.060861979	0.435947512	-0.139608502	0.888969323	0.992967239
Brd9	-0.000787344	0.146966219	-0.005357311	0.995725504	0.999285699
Tppp	-0.348725217	0.259030362	-1.346271587	0.178214946	0.867377413
Cep72	-0.195614299	0.530316568	-0.368863262	0.712229648	0.988585656
Exoc3	0.024007597	0.17581819	0.136547856	0.891388195	0.993043931
Ahr	-0.920659874	1.788397447	-0.514796012	0.606695572	0.974001549
Pdcd6	0.092383894	0.158556697	0.582655259	0.560125398	0.968926429
Sdha	0.003172804	0.117817446	0.026929835	0.978515697	0.997262526
Ccdc127	0.120682224	0.114948166	1.049883853	0.293771516	0.907334416

<i>Lrrc14b</i>	0.518453855	0.745102601	0.695815387	0.486544452	0.958124625
<i>Zfp72</i>	-0.026894699	0.277597985	-0.096883626	0.922818812	0.994688009
<i>Zfp825</i>	0.063121621	0.171368567	0.368338383	0.712620936	0.988585656
<i>Erap1</i>	-0.164179269	0.141120666	-1.163396358	0.244668727	0.896939594
<i>Cast</i>	-0.265572704	0.148630149	-1.786802375	0.073969435	0.750704981
<i>Pcsk1</i>	0.009833379	0.709255794	0.013864361	0.988938195	0.998182772
<i>Mir682</i>	0.276620795	0.220699153	1.253384034	0.210065979	0.884258007
<i>Ell2</i>	-0.202968832	0.140613265	-1.443454368	0.148892518	0.848779008
<i>Glrx</i>	-0.069053167	0.148143314	-0.466124089	0.641126681	0.977921835
<i>Rhobtb3</i>	0.168160958	0.25435803	0.661119124	0.508535922	0.963324595
<i>Spata9</i>	-0.419687241	1.229718997	-0.341287109	0.732887452	0.988585656
<i>Rfesd</i>	0.255196385	0.1766236	1.444860059	0.148497197	0.84832848
<i>Arsk</i>	-0.221987666	0.193954994	-1.144531839	0.252403142	0.897013805
<i>Ttc37</i>	-0.240606828	0.263575263	-0.912858152	0.361317149	0.926371563
<i>Mctp1</i>	0.051941099	0.166244721	0.312437585	0.75470799	0.98902053
<i>Ankrd32</i>	-0.213944518	0.15576502	-1.373508112	0.169594441	0.861597949
<i>2210408l21Rik</i>	-0.065185296	0.200537878	-0.325052289	0.745141497	0.988585656
<i>Fam172a</i>	-0.121958588	0.13514798	-0.902407773	0.366840293	0.927999696
<i>Nr2f1</i>	-0.705445354	0.56077355	-1.257986141	0.208396769	0.884258007
<i>A830082K12Rik</i>	0.132582022	0.50576921	0.26213937	0.793213995	0.990988839
<i>Arrdc3</i>	-0.122225794	0.153191297	-0.797863821	0.42494952	0.944290206
<i>5430425K12Rik</i>	0.19318854	0.2594787	0.744525618	0.456558549	0.951472839
<i>Adgrv1</i>	0.258648085	0.392221108	0.659444583	0.509610321	0.963452765
<i>Lysmd3</i>	-0.133175855	0.216639755	-0.614734147	0.538730305	0.966875138
<i>Polr3g</i>	-0.131375276	0.361416497	-0.363501048	0.71623063	0.988585656
<i>Mblac2</i>	-0.133767668	0.201269247	-0.664620501	0.506293254	0.962370882
<i>Cetn3</i>	0.278422269	0.169506593	1.642545367	0.100477032	0.788783372
<i>Mef2c</i>	-0.098113922	0.248250026	-0.395222205	0.692678907	0.986599035
<i>Tmem161b</i>	0.259256308	0.167346617	1.549217502	0.121329444	0.816233249
<i>Ccnh</i>	-0.051806912	0.141523813	-0.366064984	0.714316586	0.988585656
<i>Rasa1</i>	-0.139455753	0.104816036	-1.330481082	0.183359815	0.869576666
<i>Cox7c</i>	0.153931529	0.173069167	0.889422022	0.373776314	0.928840865
<i>Edil3</i>	-0.125411458	0.187443061	-0.669064284	0.503454472	0.961729397
<i>Hapln1</i>	0.24181189	0.523294828	0.462094937	0.644013241	0.97889195
<i>Vcan</i>	-0.313214194	0.538441687	-0.581704949	0.560765438	0.968926429
<i>Xrcc4</i>	0.26150245	0.188071102	1.390444607	0.164393909	0.859982992
<i>Tmem167</i>	0.056919464	0.149324623	0.381179356	0.703070166	0.988585656
<i>Rps23</i>	0.31528222	0.190788246	1.652524342	0.098427707	0.786907305
<i>Atg10</i>	0.213692335	0.21941166	0.973933357	0.33008963	0.917115058
<i>A830009L08Rik</i>	3.641750003	2.224900733	1.6368146	0.101669214	0.788783372
<i>Ssbp2</i>	0.049339579	0.189153186	0.260844557	0.794212382	0.990988839
<i>4833422C13Rik</i>	0.073659903	0.800175952	0.092054633	0.926654633	0.994688009
<i>Zcchc9</i>	0.093952889	0.143662888	0.653981624	0.513123645	0.964352198
<i>Ckmt2</i>	-0.324766511	0.453664539	-0.715873699	0.47406934	0.955974667
<i>Rasgrf2</i>	-0.111981694	0.167466438	-0.668681409	0.503698729	0.96179897
<i>Msh3</i>	0.199780727	0.319134133	0.626008648	0.531309269	0.96621591
<i>Dhfr</i>	0.313378277	0.232325287	1.348877175	0.177376421	0.866855369
<i>Fam151b</i>	0.181434802	0.207364696	0.874955115	0.381598329	0.930635634
<i>Zfyve16</i>	-0.353722028	0.164114969	-2.155330677	0.031135967	0.661395937
<i>Serinc5</i>	-0.187488085	0.170772795	-1.09788029	0.272256766	0.898370293
<i>Mtx3</i>	0.054308293	0.278679751	0.194877069	0.845489186	0.992886758
<i>Cmya5</i>	-0.027684774	0.460469566	-0.060122918	0.952057737	0.996023481
<i>Papd4</i>	-0.149162883	0.134802963	-1.106525256	0.268499239	0.89804647
<i>Homer1</i>	-0.227361578	0.222123773	-1.023580571	0.306033426	0.91333012
<i>Jmy</i>	-0.063117387	0.180494658	-0.349691165	0.726570485	0.988585656
<i>Arzb</i>	-0.096997949	0.21108904	-0.459512008	0.645866531	0.979004493
<i>Lhfp12</i>	-0.17383141	0.241459188	-0.71992046	0.47157397	0.95486913
<i>Scamp1</i>	-0.178804679	0.109796908	-1.628503775	0.10341811	0.790925787
<i>Gm9776</i>	0.128903601	0.391623763	0.329151633	0.742041079	0.988585656
<i>Ap3b1</i>	0.004320012	0.140671982	0.030709828	0.975500953	0.997262526
<i>Tbca</i>	0.285456034	0.192495973	1.482919513	0.138095796	0.833928471
<i>Wdr41</i>	0.054804453	0.159570078	0.343450688	0.731259432	0.988585656

<i>Pde8b</i>	-0.104735119	0.208820149	-0.501556577	0.61597947	0.974001549
<i>Zbed3</i>	-0.146084369	0.350279855	-0.417050443	0.676641512	0.983549699
<i>Aggf1</i>	0.005522706	0.214318407	0.025768696	0.97944183	0.997262526
<i>S100z</i>	0.245106618	0.917950515	0.267015066	0.789457561	0.990988839
<i>F2rl1</i>	-0.007982396	0.305143694	-0.026159467	0.979130146	0.997262526
<i>F2r</i>	-0.229413639	0.133619298	-1.716919962	0.085993797	0.763596872
<i>Iqgap2</i>	0.137417082	0.227136838	0.604996896	0.545181059	0.967491297
<i>F2rl2</i>	1.58362713	0.987162107	1.604221959	0.108665136	0.798150849
<i>Sv2c</i>	0.755805303	1.411616635	0.535418246	0.592360676	0.974001549
<i>Poc5</i>	0.163355699	0.195713846	0.834666031	0.403905773	0.937834293
<i>Ankdd1b</i>	-0.463984282	0.523936548	-0.885573421	0.375847439	0.928883222
<i>Polk</i>	-0.29111516	0.196889106	-1.478574236	0.139254143	0.836190654
<i>Col4a3bp</i>	-0.117525661	0.081656168	-1.43927475	0.150072694	0.849826521
<i>Hmgcr</i>	-0.105801007	0.172946881	-0.61175435	0.540700297	0.966989525
<i>Fam169a</i>	0.860125321	1.490075277	0.577236153	0.563779937	0.969658675
<i>Nsa2</i>	0.185263347	0.154343871	1.200328504	0.230011784	0.895404344
<i>Gfm2</i>	0.033882485	0.200369951	0.16909963	0.865718276	0.992886758
<i>Hexb</i>	-0.150891347	0.127484687	-1.183603691	0.236569979	0.896358698
<i>Enc1</i>	-0.037840019	0.31149374	-0.121479227	0.903311467	0.994688009
<i>Gm5086</i>	0.022355951	0.733811021	0.030465543	0.975695774	0.997262526
<i>Arhgef28</i>	-0.075839814	0.173694749	-0.436626985	0.662381889	0.980647283
<i>Utp15</i>	0.127495317	0.23813761	0.535385052	0.592383624	0.974001549
<i>Ankra2</i>	0.100302547	0.137565424	0.729126147	0.465924502	0.953083512
<i>Btf3</i>	0.184386928	0.144414438	1.276790122	0.201676354	0.881220006
<i>Tmem171</i>	-0.039021441	0.314689551	-0.1239998	0.901315433	0.994688009
<i>Fcho2</i>	-0.052888594	0.117735613	-0.449214918	0.653276627	0.979004493
<i>Tnpo1</i>	-0.14441725	0.203875112	-0.708361352	0.478720886	0.957463006
<i>Zfp366</i>	-0.755244551	0.83460787	-0.904909453	0.365513358	0.926667174
<i>Ptcd2</i>	-0.043784478	0.207493584	-0.211016055	0.832874743	0.992886758
<i>Mrps27</i>	0.071989133	0.178011983	0.404406109	0.685914109	0.98538669
<i>6430562O15Rik</i>	-1.085876902	1.212993933	-0.895203902	0.370678099	0.928436166
<i>Map1b</i>	0.530409123	0.429438867	1.235121374	0.216785336	0.887633697
<i>Mccc2</i>	-0.141383063	0.134274578	-1.052939915	0.292368531	0.907334416
<i>Bdp1</i>	-0.043992847	0.226933951	-0.193857494	0.846287467	0.992886758
<i>Serf1</i>	0.382852172	0.248780497	1.53891554	0.123824917	0.820382953
<i>Smn1</i>	-0.049653853	0.191772215	-0.258920998	0.795696196	0.990988839
<i>Naip2</i>	-0.017733494	0.217808213	-0.081417931	0.935109589	0.994688009
<i>Naip5</i>	0.064162065	0.307786736	0.208462735	0.834867677	0.992886758
<i>Naip6</i>	1.051242996	1.537881554	0.683565644	0.494249485	0.958916246
<i>Naip1</i>	0.773977633	2.371208941	0.326406341	0.744116941	0.988585656
<i>Gtf2h2</i>	0.331194188	0.195743054	1.69198437	0.090648954	0.770055369
<i>Ocln</i>	-0.068072079	0.120787136	-0.563570601	0.573046399	0.971613657
<i>Marveld2</i>	0.152151345	0.206026162	0.738504971	0.460207647	0.953083512
<i>Rad17</i>	-0.183740753	0.143907948	-1.276793639	0.201675112	0.881220006
<i>Ak6</i>	0.072066148	0.19686091	0.366076476	0.714308011	0.988585656
<i>Taf9</i>	0.296169227	0.126841909	2.334947723	0.019546152	0.593178479
<i>Ccdc125</i>	0.112461256	0.244946665	0.459125483	0.646144058	0.979004493
<i>Cdk7</i>	0.11783479	0.165870955	0.710400382	0.477455887	0.95716557
<i>Mrps36</i>	0.268078961	0.200701439	1.335710205	0.181644013	0.868546072
<i>Cenph</i>	-0.278401941	0.65572237	-0.424572889	0.67114806	0.982677283
<i>Ccnb1</i>	-0.043960466	0.367929239	-0.119480764	0.904894479	0.994688009
<i>Slc30a5</i>	-0.001849197	0.104259274	-0.017736519	0.985849047	0.998148029
<i>5930438M14Rik</i>	0.273818458	1.332263378	0.205528773	0.83715902	0.992886758
<i>Pik3r1</i>	0.066458166	0.154481588	0.430201211	0.667049281	0.981863224
<i>Cd180</i>	0.557191708	0.524338062	1.062657374	0.287937358	0.907334416
<i>Mast4</i>	-0.149957791	0.285859873	-0.524584965	0.599871741	0.974001549
<i>Srek1</i>	-0.056043948	0.17097405	-0.327792132	0.743068836	0.988585656
<i>Erbb2ip</i>	-0.118920316	0.11338805	-1.048790555	0.294274525	0.907334416
<i>Nln</i>	0.132056309	0.141936811	0.93038802	0.352170219	0.923082865
<i>Sgtb</i>	-0.471936479	0.256778694	-1.83791136	0.066075468	0.738254074
<i>Trappc13</i>	-0.056600659	0.128601556	-0.440124219	0.659847142	0.979924124
<i>Trim23</i>	0.255979386	0.181657598	1.409131181	0.158796382	0.855986074

<i>Ppwd1</i>	0.031135978	0.242508927	0.128391058	0.897839508	0.994101834
<i>Cenpk</i>	0.362845564	0.407994958	0.889338352	0.373821266	0.928840865
<i>Adamts6</i>	0.100428262	0.448027668	0.224156383	0.822635621	0.992886758
<i>Cwc27</i>	0.331768012	0.270108953	1.228274768	0.21934384	0.888847883
<i>Srek1ip1</i>	0.155514057	0.167482102	0.928541345	0.353126831	0.923786159
<i>Rgs7bp</i>	-0.642938644	0.556343937	-1.155649593	0.247824514	0.896939594
<i>Rnf180</i>	-0.270728042	0.445542296	-0.607637131	0.543428169	0.967491297
<i>Ipo11</i>	0.055844505	0.155665627	0.358746541	0.719784708	0.988585656
<i>Dimt1</i>	0.151066166	0.204593787	0.738371227	0.460288895	0.953083512
<i>Kif2a</i>	0.10775204	0.154155059	0.69898478	0.484561543	0.957710647
<i>3830408C21Rik</i>	0.882930111	0.494552208	1.785312243	0.074210684	0.750704981
<i>Al197445</i>	0.250617612	0.503150516	0.498096702	0.618415885	0.974471036
<i>Zswim6</i>	-0.403062512	0.255221773	-1.579263822	0.114275556	0.808745994
<i>Smim15</i>	0.11410384	0.138376035	0.824592499	0.409602981	0.940886864
<i>Ndufaf2</i>	0.395315373	0.234103525	1.688634859	0.091289426	0.771949327
<i>Ercc8</i>	0.123012676	0.186577692	0.65931074	0.509696247	0.963452765
<i>Elovl7</i>	0.048465536	0.190292682	0.254689437	0.798962975	0.990988839
<i>Depdc1b</i>	-1.312334435	0.973461596	-1.348111154	0.177622634	0.866855369
<i>Pde4d</i>	0.05764056	0.274849454	0.209716846	0.833888677	0.992886758
<i>Rab3c</i>	-0.0813206	0.529554764	-0.153564099	0.877953446	0.992886758
<i>Gapt</i>	-0.131969002	0.476262573	-0.277092952	0.781708734	0.990988839
<i>Plk2</i>	0.125611063	0.225478622	0.557086352	0.577468432	0.971613657
<i>Gpbp1</i>	0.027946525	0.103181633	0.270847863	0.786508046	0.990988839
<i>Mier3</i>	-0.151355538	0.166363121	-0.909790206	0.362933161	0.926455466
<i>Map3k1</i>	-0.07489313	0.225803416	-0.331674035	0.740135409	0.988585656
<i>Gm15326</i>	0.444720809	1.213936468	0.366346032	0.714106885	0.988585656
<i>Ankrd55</i>	-1.087478415	0.792874932	-1.371563624	0.170199324	0.861924432
<i>Il6st</i>	-0.085478588	0.12844546	-0.665485476	0.50574003	0.96224682
<i>Il31ra</i>	0.389095122	1.901735589	0.204600011	0.837884647	0.992886758
<i>Ddx4</i>	-0.865089218	1.070927783	-0.807794169	0.419209083	0.943415794
<i>Slc38a9</i>	0.048212011	0.267870727	0.179982381	0.8571664	0.992886758
<i>Ppap2a</i>	-0.328921394	0.122722602	-2.680202241	0.007357769	0.452031612
<i>Skiv2l2</i>	-0.009405725	0.129074094	-0.072870743	0.941908975	0.994688009
<i>Dhx29</i>	0.101048552	0.195814381	0.516042548	0.605824693	0.974001549
<i>Ccno</i>	-0.75912778	0.373274191	-2.033700155	0.041981837	0.679118604
<i>Mcidas</i>	0.832620845	0.847677837	0.982237365	0.325982924	0.916693626
<i>Cdc20b</i>	1.052941508	1.322438683	0.79621197	0.425908841	0.944290206
<i>Gpx8</i>	-0.00963245	0.131061761	-0.073495504	0.941411822	0.994688009
<i>Gzma</i>	1.400709354	0.258143716	5.426083496	5.76E-08	0.0003135
<i>Gzmk</i>	0.388517614	1.478289804	0.262815595	0.792692715	0.990988839
<i>Esm1</i>	-0.725629471	0.239075575	-3.035146823	0.002404186	0.31402518
<i>Snx18</i>	-0.0591853	0.144949935	-0.408315462	0.683042089	0.984738223
<i>Hspb3</i>	-2.812870451	2.143868487	-1.312053639	0.189502037	0.876091552
<i>Arl15</i>	-0.104072769	0.171237327	-0.607769178	0.543340574	0.967491297
<i>Ndufs4</i>	0.284846954	0.200577553	1.420133758	0.155568744	0.855261441
<i>Fst</i>	-0.200910947	0.294901023	-0.681282637	0.495692667	0.959893834
<i>Mocs2</i>	0.147578381	0.119596764	1.233966342	0.217215446	0.887633697
<i>Itga2</i>	-0.501734998	0.551528187	-0.909717781	0.362971364	0.926455466
<i>Itga1</i>	0.137650889	0.149660324	0.919755388	0.357700601	0.924354588
<i>Pelo</i>	0.099607137	0.227605374	0.437630868	0.661653891	0.980470419
<i>Parp8</i>	-0.086440839	0.192890963	-0.448133169	0.654057091	0.979133069
<i>Gm6416</i>	-0.609157614	1.830964846	-0.332697602	0.73936256	0.988585656
<i>Emb</i>	-0.033367705	0.104832434	-0.318295623	0.750260704	0.988585656
<i>Hcn1</i>	0.169839326	1.588832229	0.106895696	0.914871728	0.994688009
<i>Mrps30</i>	-0.12585586	0.136856365	-0.919620075	0.357771332	0.924354588
<i>Fgf10</i>	-0.015357778	0.228551413	-0.067196163	0.946425539	0.995065399
<i>Nnt</i>	-0.216204668	0.178094884	-1.213985839	0.224753132	0.892989918
<i>Paip1</i>	0.09783046	0.093292763	1.048639315	0.294344154	0.907334416
<i>4833420G17Rik</i>	0.089888646	0.159079761	0.565053945	0.572037072	0.971613657
<i>3110070M22Rik</i>	-0.551107651	0.985625076	-0.559145323	0.576062545	0.971613657
<i>Gm7120</i>	-2.050296829	0.350721207	-5.84594484	5.04E-09	4.11E-05
<i>D830030K20Rik</i>	0.260378825	1.114943255	0.233535495	0.81534561	0.992333044

<i>Gm3636</i>	-0.039361603	0.795843607	-0.049458967	0.960553537	0.996474415
<i>Gm3558</i>	-0.278722386	1.471461928	-0.189418687	0.84976468	0.992886758
<i>Flnb</i>	0.217419713	0.214918522	1.01163786	0.311711237	0.914819219
<i>Dnase1l3</i>	0.027294441	1.085705644	0.025139817	0.979943441	0.997296835
<i>Abhd6</i>	0.206045478	0.168313444	1.224177184	0.220885394	0.890248292
<i>Rpp14</i>	0.195563646	0.146376982	1.336027316	0.181540345	0.868446884
<i>Pxk</i>	-0.226032267	0.134068409	-1.685947261	0.091805958	0.772516176
<i>Pdhh</i>	0.117986314	0.104619285	1.12776831	0.25941778	0.897248195
<i>Kctd6</i>	-0.119965802	0.193453698	-0.620126693	0.53517438	0.96674935
<i>Acox2</i>	-0.22436876	0.296307696	-0.757215432	0.448920806	0.948476747
<i>Fam107a</i>	-0.267757162	0.558350702	-0.479550148	0.631547301	0.977034429
<i>Oit1</i>	-0.308452951	0.255838512	-1.205654881	0.227950589	0.894410876
<i>4930452B06Rik</i>	-0.312183691	0.362081396	-0.862192023	0.388581859	0.933269543
<i>Fhit</i>	0.053206155	0.187305509	0.284060812	0.776363778	0.990861469
<i>Ptprg</i>	0.011821644	0.151024608	0.078276274	0.93760829	0.994688009
<i>3830406C13Rik</i>	0.219320067	0.135248979	1.621602388	0.104888511	0.793565672
<i>Synpr</i>	-0.787788855	0.855172076	-0.921205073	0.35694337	0.924354588
<i>Sntn</i>	0.009909384	0.17154712	0.057764793	0.953935983	0.996070133
<i>Thoc7</i>	0.201351575	0.190953737	1.054452135	0.291675964	0.907334416
<i>Atxn7</i>	-0.124275486	0.188535767	-0.659161326	0.509792178	0.963452765
<i>Psmd6</i>	0.073683609	0.108973598	0.676160191	0.498938945	0.960700483
<i>Il3ra</i>	0.357529329	0.162033839	2.20651026	0.027348293	0.636714037
<i>Slc4a7</i>	-0.276045419	0.233470855	-1.182354941	0.237064894	0.896609492
<i>Nek10</i>	-0.245523941	0.482949963	-0.508383807	0.611184206	0.974001549
<i>Lrrc3b</i>	0.057102427	0.706025432	0.080878711	0.935538411	0.994688009
<i>Oxsm</i>	-0.013788777	0.165733369	-0.083198558	0.933693659	0.994688009
<i>Ngly1</i>	0.059840271	0.10810973	0.553514198	0.579911361	0.971613657
<i>Top2b</i>	-0.019213648	0.114259936	-0.168157346	0.866459496	0.992886758
<i>Rarb</i>	-0.664779897	0.249720852	-2.662092058	0.007765664	0.45506991
<i>Thrb</i>	0.302866689	0.234161196	1.293411092	0.195868916	0.879601031
<i>Nr1d2</i>	-0.405357166	0.189975094	-2.133738466	0.032864195	0.665167506
<i>Rpl15</i>	0.084387055	0.1443316	0.584674842	0.558766374	0.968926429
<i>Nkiras1</i>	0.191491222	0.198435894	0.965002944	0.334543337	0.918030088
<i>Ube2e1</i>	-0.209023083	0.134982276	-1.54852244	0.121496563	0.816233249
<i>Ube2e2</i>	-0.014406357	0.145127228	-0.099267088	0.92092621	0.994688009
<i>Nid2</i>	0.628595906	0.560770175	1.120951032	0.262308707	0.897248195
<i>2700060E02Rik</i>	0.065854741	0.138304101	0.476158992	0.633961113	0.977034429
<i>Gng2</i>	-0.241583951	0.16010171	-1.508940476	0.131313995	0.827800491
<i>Saysd1</i>	0.115235023	0.218333034	0.527794723	0.59764182	0.974001549
<i>Kcnk5</i>	0.072822026	0.228949157	0.318070732	0.750431284	0.988585656
<i>Nudt13</i>	0.283703338	0.158526639	1.789625639	0.073514114	0.748833631
<i>Ecd</i>	-0.274728827	0.172400857	-1.593546764	0.111037586	0.800111791
<i>Fam149b</i>	0.230624992	0.150376858	1.53364683	0.125116561	0.822296879
<i>Dnajc9</i>	0.230231255	0.129307662	1.780491987	0.074995479	0.75241101
<i>Mrps16</i>	0.342243357	0.194694647	1.757846774	0.078773584	0.755218033
<i>Cfap70</i>	-0.22869841	0.242939593	-0.941379736	0.346510294	0.921552698
<i>Anxa7</i>	-0.068787147	0.094002822	-0.73175619	0.464317394	0.953083512
<i>Mss51</i>	-0.346880732	0.933735796	-0.371497734	0.710266844	0.988585656
<i>Ppp3cb</i>	-0.072771419	0.123864045	-0.587510435	0.556860944	0.968926429
<i>1810062O18Rik</i>	0.425023538	2.301421781	0.184678681	0.853481069	0.992886758
<i>Usp54</i>	-0.447604165	0.211536359	-2.115967993	0.03434753	0.674629488
<i>Myoz1</i>	-0.046179673	0.649970785	-0.071048844	0.943358882	0.99486515
<i>Synpo2l</i>	0.020117751	1.088507444	0.01848196	0.985254369	0.998148029
<i>Sec24c</i>	-0.08367194	0.143118804	-0.584632752	0.55879468	0.968926429
<i>Fut11</i>	-0.130181329	0.114878326	-1.133210536	0.257125851	0.897248195
<i>6230400D17Rik</i>	0.042170126	0.892009769	0.047275409	0.962293727	0.996474415
<i>Chchd1</i>	0.334896811	0.293385835	1.141489366	0.253666335	0.897044747
<i>Zswim8</i>	-0.165595349	0.193814465	-0.854401393	0.392882624	0.933734231
<i>Ndst2</i>	-0.105721637	0.229567324	-0.460525632	0.645138978	0.979004493
<i>Camk2g</i>	-0.090272779	0.135566493	-0.665893005	0.505479492	0.962220317
<i>Plau</i>	-0.255609896	0.349863527	-0.730598864	0.465024206	0.953083512
<i>Vcl</i>	-0.161616354	0.172430618	-0.937283393	0.348612803	0.921552698

<i>Ap3m1</i>	-0.214889211	0.113459462	-1.893973463	0.058228532	0.72285319
<i>Adk</i>	-0.111214038	0.093200821	-1.193273154	0.232762413	0.89581803
<i>Kat6b</i>	-0.032700636	0.218695775	-0.149525689	0.88113884	0.992886758
<i>Dusp13</i>	3.063951027	1.583252361	1.935225932	0.052962577	0.707153766
<i>Samd8</i>	-0.391668407	0.200869729	-1.949862772	0.051192477	0.707153766
<i>Vdac2</i>	0.006134047	0.115662311	0.053034101	0.957704737	0.996226826
<i>Comtd1</i>	-0.031034776	0.194053436	-0.159929022	0.872936986	0.992886758
<i>Zfp503</i>	-0.061944613	0.248153955	-0.249621705	0.802879912	0.990988839
<i>1700112E06Rik</i>	-0.948458775	0.59108563	-1.604604693	0.108580828	0.798150849
<i>Kcnma1</i>	-1.445831099	1.181027799	-1.224214282	0.220871403	0.890248292
<i>Dlg5</i>	0.085398709	0.361615937	0.236158589	0.813309612	0.992048071
<i>Polr3a</i>	0.173942685	0.371823928	0.467809284	0.639920981	0.977843986
<i>Rps24</i>	0.270662197	0.291614209	0.92815161	0.353328932	0.923786159
<i>Zmiz1</i>	0.031258273	0.25571766	0.122237445	0.902710972	0.994688009
<i>Ppif</i>	-0.062954465	0.187337481	-0.336048423	0.736834352	0.988585656
<i>Ppifos</i>	0.866625164	1.377266547	0.629235616	0.529194815	0.965637248
<i>Zcchc24</i>	-0.183544457	0.15421586	-1.190178863	0.233976099	0.89581803
<i>Anxa11</i>	-0.214592084	0.213461951	-1.005294309	0.314755155	0.91586731
<i>Slmap</i>	-0.143615773	0.101669139	-1.412579806	0.15777931	0.855986074
<i>Dennd6a</i>	-0.116786556	0.123426514	-0.946203153	0.344044978	0.920669678
<i>Arf4</i>	-0.211528132	0.074286538	-2.847462491	0.004406929	0.385355746
<i>Pde12</i>	0.165144052	0.170837503	0.966673295	0.333707381	0.917554801
<i>Asb14</i>	-0.54380676	0.473524554	-1.148423573	0.250793747	0.896939594
<i>Appl1</i>	-0.094983944	0.147690495	-0.643128344	0.520140824	0.964665379
<i>Il17rd</i>	-0.302795171	0.308762776	-0.980672523	0.326754258	0.916882624
<i>Arhgef3</i>	0.022422165	0.109829007	0.204155218	0.838232205	0.992886758
<i>Fam208a</i>	-0.0164254	0.143434049	-0.114515349	0.90882928	0.994688009
<i>Ccdc66</i>	-0.117994656	0.311436004	-0.378872882	0.704782263	0.988585656
<i>Erc2</i>	-0.323129931	0.327645645	-0.986217691	0.3240263	0.91640698
<i>Wnt5a</i>	-0.088847566	0.296623538	-0.299529722	0.764535897	0.989442146
<i>Cacna2d3</i>	-1.211534398	1.045459444	-1.158853559	0.246515882	0.896939594
<i>Lrtm1</i>	0.561724803	1.758875474	0.319365874	0.749449086	0.988585656
<i>Selk</i>	0.280236046	0.166102656	1.687125617	0.0915792	0.772516176
<i>Actr8</i>	-0.133164588	0.187685219	-0.709510258	0.478007888	0.957438234
<i>Il17rb</i>	-0.398353512	1.084731846	-0.367236856	0.71344235	0.988585656
<i>Chdh</i>	-0.026473174	1.073254663	-0.024666256	0.980321171	0.997296835
<i>Cacna1d</i>	-0.171171045	0.310079855	-0.552022461	0.580932965	0.971613657
<i>Dcp1a</i>	0.082344501	0.225518496	0.365134134	0.715011282	0.988585656
<i>Tkt</i>	-0.144810831	0.130180049	-1.112388823	0.265971008	0.89768067
<i>Prkcd</i>	-0.303135725	0.239101099	-1.267814015	0.204864376	0.883765092
<i>Rft1</i>	-0.02308184	0.163968894	-0.140769627	0.888051938	0.992886758
<i>Sfmbt1</i>	-0.244616208	0.21813486	-1.121398975	0.262118072	0.897248195
<i>Tmem110</i>	0.125080367	0.112101629	1.115776535	0.2645178	0.89768067
<i>Mustn1</i>	0.022382735	0.125649854	0.17813578	0.858616343	0.992886758
<i>Itih4</i>	-0.041200521	0.325517004	-0.12656949	0.899281146	0.99447264
<i>Itih3</i>	-0.111714526	0.56815109	-0.196628199	0.844118502	0.992886758
<i>Itih1</i>	-0.376677168	0.681102491	-0.553040361	0.580235773	0.971613657
<i>Nek4</i>	-0.105495942	0.236898741	-0.445320821	0.656087923	0.979512392
<i>Spcs1</i>	0.093870846	0.150304943	0.624535987	0.532275644	0.96674935
<i>Glt8d1</i>	-0.011118532	0.12852253	-0.086510376	0.931060708	0.994688009
<i>Gnl3</i>	0.002200256	0.148469635	0.014819567	0.988176129	0.998148029
<i>Snord69</i>	1.370405232	2.172939314	0.630668893	0.528257043	0.965637248
<i>Pbrm1</i>	0.015781124	0.110650182	0.142621759	0.886588912	0.992886758
<i>Smim4</i>	0.661874163	0.227941203	2.903705666	0.003687747	0.376311503
<i>Nt5dc2</i>	-0.037055119	0.192865768	-0.19212906	0.847641112	0.992886758
<i>Stab1</i>	0.313999453	0.195255902	1.608143215	0.107803816	0.796929372
<i>Nisch</i>	0.074227115	0.126104716	0.588614899	0.556119637	0.968926429
<i>Tnnc1</i>	0.429084351	0.242639064	1.768405898	0.076993071	0.752876039
<i>Sema3g</i>	-0.213155501	0.239461905	-0.89014368	0.373388741	0.928840865
<i>Phf7</i>	-0.121001497	0.163946041	-0.738056837	0.460479911	0.953083512
<i>Bap1</i>	0.071933164	0.108448582	0.663292803	0.507143045	0.963011338
<i>Dnah1</i>	-0.256083531	0.43578006	-0.587643985	0.556771281	0.968926429

<i>Capn7</i>	-0.005036575	0.143115717	-0.035192328	0.97192638	0.996733101
<i>Sh3bp5</i>	0.119426946	0.130543454	0.914844389	0.360273328	0.925913281
<i>Mettl6</i>	0.233057353	0.132665736	1.756726034	0.078964518	0.755854514
<i>Eaf1</i>	-0.143385876	0.13329174	-1.07572964	0.282048187	0.90579922
<i>Colq</i>	-0.254353	0.300304752	-0.846982935	0.397004633	0.934798767
<i>Hacl1</i>	-0.048272165	0.186840047	-0.25836091	0.796128382	0.990988839
<i>Btd</i>	-0.162249417	0.156858795	-1.034366082	0.300965055	0.911154542
<i>Ankrd28</i>	-0.009196677	0.18108032	-0.050787833	0.959494586	0.996367077
<i>Galnt15</i>	-0.15224415	0.29213716	-0.521139282	0.602269748	0.974001549
<i>Dph3</i>	0.235958925	0.181324543	1.301307156	0.193153339	0.879588734
<i>Oxnad1</i>	-0.194030656	0.151473963	-1.280950549	0.200211036	0.880888611
<i>Ncoa4</i>	-0.592986339	0.18435773	-3.21649837	0.001297653	0.26039992
<i>Timm23</i>	0.348006371	0.170034189	2.046684685	0.040689054	0.679118604
<i>Parg</i>	-0.15150297	0.188897678	-0.802037227	0.422531424	0.943509323
<i>Ogdhl</i>	-1.770283936	1.394229374	-1.269722163	0.204183615	0.883765092
<i>1700024G13Rik</i>	0.213251997	0.184274362	1.157252663	0.247169147	0.896939594
<i>Ercc6</i>	-0.545927137	0.27883015	-1.957920034	0.050239397	0.707153766
<i>3425401B19Rik</i>	-1.568948845	1.637783939	-0.95797059	0.338077589	0.919246575
<i>1810011H11Rik</i>	-0.471371266	0.291327426	-1.618011982	0.105660015	0.79419908
<i>Fam170b</i>	0.545929813	1.851981114	0.294781523	0.768160782	0.989990452
<i>Vstm4</i>	0.06612481	0.174658075	0.37859578	0.704988057	0.988585656
<i>Wdfy4</i>	0.12172285	0.252767009	0.481561463	0.630117508	0.977034429
<i>Lrrc18</i>	-0.532188434	0.300007257	-1.773918533	0.076076627	0.752876039
<i>Arhgap22</i>	0.015814809	0.22903979	0.069048304	0.944951171	0.99486515
<i>Mapk8</i>	0.040186979	0.151554449	0.265165285	0.790882136	0.990988839
<i>Ptpn20</i>	-0.770617765	1.14851882	-0.670966597	0.502241809	0.961437685
<i>Gdf10</i>	-0.487055918	0.412718129	-1.180117575	0.237953455	0.896609492
<i>Gdf2</i>	-0.183864875	0.577715867	-0.318261771	0.75028638	0.988585656
<i>Anxa8</i>	-0.217266232	0.122408468	-1.774928117	0.075909757	0.752876039
<i>Syt15</i>	0.331026577	0.301225234	1.098933751	0.271796964	0.89804647
<i>Fam35a</i>	0.198029156	0.204514037	0.968291269	0.332898924	0.917115058
<i>Glud1</i>	0.003118062	0.072040154	0.043282274	0.965476522	0.996474415
<i>Gm3219</i>	0.471715509	0.803748488	0.586894428	0.557274612	0.968926429
<i>Fam25c</i>	0.461406257	0.624483062	0.738861124	0.459991331	0.953083512
<i>Sncg</i>	0.24242595	0.229164043	1.057870803	0.290114348	0.907334416
<i>Mmrn2</i>	0.237377861	0.212626216	1.11640919	0.264247022	0.89768067
<i>Bmpr1a</i>	-0.24204805	0.116136297	-2.084172267	0.0371445	0.678479117
<i>Ldb3</i>	-0.370003855	0.295960631	-1.250179301	0.211234056	0.884390587
<i>Opn4</i>	-1.228741536	1.881335713	-0.65312189	0.513677701	0.964352198
<i>Wapal</i>	-0.011481912	0.126257432	-0.090940484	0.927539882	0.994688009
<i>Ccser2</i>	-0.167872842	0.151127491	-1.110802813	0.266653235	0.89768067
<i>Cdhr1</i>	-0.204330383	1.427707126	-0.143117856	0.886197103	0.992886758
<i>Ghitm</i>	0.030460001	0.099486045	0.306173604	0.759472469	0.989266039
<i>Sh2d4b</i>	0.371854948	1.149132244	0.323596305	0.746243686	0.988585656
<i>Tspan14</i>	-0.158187483	0.179226554	-0.882611861	0.377446018	0.928883222
<i>Fam213a</i>	0.22452499	0.118565177	1.893684091	0.058266954	0.72285319
<i>Dydc2</i>	-0.255594071	0.289776634	-0.882038237	0.37775613	0.928883222
<i>Dydc1</i>	-0.923062377	0.729685335	-1.26501429	0.205866205	0.883765092
<i>Mat1a</i>	-0.095481318	0.227707398	-0.419315839	0.674985323	0.983549699
<i>Sftpa1</i>	0.029858973	0.122763312	0.243223909	0.807831946	0.99099448
<i>Mbl1</i>	-0.539219169	0.539065888	-1.000284345	0.317172921	0.91640698
<i>Sftpd</i>	-0.085856933	0.176576166	-0.486231719	0.626802885	0.976601842
<i>Ear1</i>	0.050056242	0.202290988	0.247446721	0.80456252	0.990988839
<i>Ear2</i>	-0.126126981	0.979406634	-0.128778974	0.897532543	0.994101834
<i>Ptgdr</i>	-3.206728333	2.21455671	-1.448022676	0.147610709	0.846658212
<i>4930431P03Rik</i>	1.854171596	1.397454576	1.326820654	0.184568016	0.871716376
<i>Ptger2</i>	-0.248196972	0.271957371	-0.9126319	0.361436171	0.926371563
<i>Txndc16</i>	-0.176197722	0.20832871	-0.845767834	0.397682273	0.935327115
<i>Gpr137c</i>	-0.728744568	0.611175645	-1.192365196	0.233118081	0.89581803
<i>Ero1l</i>	-0.234647186	0.168858588	-1.389607654	0.16464805	0.859982992
<i>Psmc6</i>	0.120022582	0.149265761	0.804086491	0.421347026	0.943415794
<i>Styx</i>	0.022892283	0.209974865	0.109023922	0.913183517	0.994688009

<i>Gnpnat1</i>	0.135607727	0.173531202	0.781460195	0.434531879	0.946762848
<i>Fermt2</i>	-0.007201316	0.094917103	-0.075869533	0.939522896	0.994688009
<i>4930527F14Rik</i>	1.217568926	1.188836511	1.024168517	0.305755686	0.91333012
<i>Ddhd1</i>	-0.320396316	0.210477936	-1.522232315	0.127950881	0.826336015
<i>Gm1821</i>	0.288303551	0.181177595	1.591275957	0.111547485	0.800752782
<i>Gm15217</i>	-0.107264474	0.718249334	-0.149341557	0.881284125	0.992886758
<i>Bmp4</i>	-0.003187667	0.188339419	-0.016925117	0.986496355	0.998148029
<i>4933425B07Rik</i>	0.704676457	2.431113742	0.289857461	0.771925286	0.990430188
<i>Cdkn3</i>	0.513693467	0.469565621	1.093975887	0.273965554	0.899464226
<i>Cnih1</i>	-0.002373547	0.167375304	-0.014180985	0.98868559	0.998182772
<i>Gmfb</i>	-0.044146253	0.093571068	-0.471793837	0.637073951	0.977284137
<i>Cgrrf1</i>	0.1122108	0.137069914	0.818639166	0.412992314	0.942708418
<i>Samd4</i>	-0.221874827	0.178225896	-1.244907907	0.213165604	0.884945675
<i>Gm10371</i>	0.967787656	1.040776658	0.929870639	0.352438067	0.923152465
<i>Gch1</i>	0.087676029	0.175173335	0.500510133	0.616715923	0.974001549
<i>Wdhd1</i>	-0.100126326	0.278874246	-0.35903755	0.719566998	0.988585656
<i>Socs4</i>	-0.107829299	0.214721378	-0.50218241	0.615539215	0.974001549
<i>Mapk1ip1l</i>	-0.215646918	0.170717085	-1.263182991	0.206523424	0.883765092
<i>Lgals3</i>	-0.116635623	0.174178892	-0.669631215	0.50309291	0.961729397
<i>Dlgap5</i>	-0.375438782	0.522885148	-0.718013857	0.472748743	0.955238041
<i>Fbxo34</i>	-0.149533446	0.171032451	-0.874298679	0.381955618	0.930635634
<i>Atg14</i>	0.02954225	0.143849974	0.205368478	0.837284246	0.992886758
<i>Ktn1</i>	-0.079941459	0.143489676	-0.557123422	0.577443106	0.971613657
<i>Peli2</i>	0.311648695	0.256999357	1.212643871	0.225266008	0.893255444
<i>Gm6498</i>	-1.018039529	1.762574985	-0.577586507	0.563543319	0.969658675
<i>Tmem260</i>	-0.276916339	0.154477881	-1.792595403	0.073037642	0.748833631
<i>Exoc5</i>	-0.056531495	0.123263162	-0.458624412	0.646503903	0.979004493
<i>Ap5m1</i>	0.035873378	0.154830271	0.231694863	0.816775022	0.992678823
<i>Naa30</i>	-0.132324897	0.14139041	-0.935883115	0.349333372	0.921585102
<i>3632451O06Rik</i>	0.315477372	0.21583089	1.461687772	0.14382679	0.841934045
<i>Tlr11</i>	-1.068669963	1.133847293	-0.942516659	0.345928186	0.921552698
<i>Ttc5</i>	0.180113794	0.111372881	1.617214112	0.105832071	0.79419908
<i>Rpph1</i>	0.330523228	0.957463124	0.345207266	0.729938556	0.988585656
<i>Parp2</i>	0.040607241	0.17562484	0.231215816	0.817147143	0.992678823
<i>Tep1</i>	0.268722384	0.196034137	1.370793821	0.170439238	0.862336981
<i>Klhl33</i>	-1.696046512	1.991259691	-0.851745515	0.394355353	0.933796635
<i>Osgep</i>	0.081047185	0.114948248	0.705075422	0.480763301	0.957463006
<i>Apex1</i>	-0.141456127	0.423448714	-0.334057284	0.738336332	0.988585656
<i>Tmem55b</i>	-0.096608919	0.109907666	-0.879000733	0.379400878	0.929137643
<i>Pnp</i>	-0.075109044	0.103175008	-0.72797711	0.466627598	0.953083512
<i>Pnp2</i>	-0.009790701	0.381939986	-0.025634135	0.979549159	0.997262526
<i>Rnase12</i>	2.837181271	1.092280956	2.597483052	0.009390975	0.478229167
<i>Olf750</i>	0.115252342	0.542337759	0.212510267	0.831708969	0.992886758
<i>Ang</i>	-0.047571227	0.134145146	-0.354625034	0.722870519	0.988585656
<i>Rnase4</i>	-0.072369618	0.125971913	-0.574490104	0.565636195	0.970061308
<i>Rnase6</i>	0.048818065	0.229999073	0.212253311	0.831909418	0.992886758
<i>Rnase1</i>	-3.858552642	1.947076225	-1.981716274	0.047511005	0.700850692
<i>Rnase2b</i>	-1.298535675	2.173100938	-0.597549637	0.550140478	0.968926429
<i>Mettl17</i>	-0.376660711	0.214611596	-1.755080893	0.079245472	0.75659671
<i>Slc39a2</i>	0.042828454	0.509104328	0.084125103	0.932956966	0.994688009
<i>Ndrp2</i>	0.068088839	0.099054142	0.687390127	0.491836918	0.958916246
<i>Arhgef40</i>	0.139243614	0.200994814	0.692772172	0.488452539	0.958481967
<i>Zfp219</i>	0.03967286	0.268041727	0.148010013	0.882334866	0.992886758
<i>Tmem253</i>	0.172414255	1.287888621	0.133873576	0.893502546	0.993422442
<i>Hnrrnpc</i>	0.182504593	0.111493955	1.636901241	0.101651107	0.788783372
<i>Rpgrip1</i>	0.743803224	0.789649946	0.941940448	0.34622313	0.921552698
<i>Supt16</i>	-0.020030485	0.232957539	-0.085983416	0.931479601	0.994688009
<i>Chd8</i>	0.154604216	0.16142997	0.957716931	0.338205517	0.919246575
<i>Rab2b</i>	0.205389521	0.280459382	0.7323325	0.463965647	0.953083512
<i>Tox4</i>	0.068096593	0.114039905	0.597129516	0.550420913	0.968926429
<i>Mettl3</i>	-0.056815475	0.228591589	-0.24854578	0.803712154	0.990988839
<i>Sall2</i>	0.212201693	0.368213145	0.576301241	0.564411584	0.969658675

<i>Dad1</i>	-0.161349006	0.099842324	-1.616038173	0.10608606	0.79419908
<i>Abhd4</i>	-0.282602837	0.172239155	-1.640758377	0.100847581	0.788783372
<i>Oxa1l</i>	0.033924755	0.179420392	0.189079706	0.850030347	0.992886758
<i>Slc7a7</i>	0.017523657	0.206441045	0.084884559	0.932353168	0.994688009
<i>Mrpl52</i>	0.153666483	0.145131569	1.058808116	0.289687176	0.907334416
<i>Mmp14</i>	-0.224666657	0.250355818	-0.897389397	0.369511168	0.928436166
<i>Lrp10</i>	-0.172805545	0.200133757	-0.86345026	0.387889956	0.933256603
<i>Rem2</i>	0.003275861	0.490296685	0.006681385	0.994669066	0.999285699
<i>Prmt5</i>	-0.069086702	0.169205259	-0.408301149	0.683052596	0.984738223
<i>Haus4</i>	-0.336106436	0.334711924	-1.004166306	0.31529846	0.91586731
<i>Ajuba</i>	-0.081858421	0.152045548	-0.538380916	0.590314099	0.974001549
<i>4931414P19Rik</i>	0.18498141	0.274066384	0.674951108	0.499706828	0.960979197
<i>Psmb5</i>	0.187233365	0.165807467	1.129221549	0.258804385	0.897248195
<i>Cdh24</i>	0.398429588	1.151888519	0.34589249	0.729423513	0.988585656
<i>Acin1</i>	-0.020357727	0.203237318	-0.10016727	0.92021153	0.994688009
<i>4930579G18Rik</i>	0.100157288	0.942867209	0.106226293	0.91540281	0.994688009
<i>1700123O20Rik</i>	0.165641635	0.137040543	1.208705338	0.22677607	0.89398447
<i>Cebpe</i>	-1.045889402	1.177488197	-0.888237695	0.374412906	0.928883222
<i>Slc7a8</i>	0.260993683	1.036033602	0.251916234	0.801105812	0.990988839
<i>Homez</i>	0.108843674	0.237130029	0.459004177	0.646231167	0.979004493
<i>Ppp1r3e</i>	0.048193879	0.361875019	0.133178242	0.894052418	0.993422442
<i>Bcl2l2</i>	-0.023695122	0.109550624	-0.216293814	0.828758731	0.992886758
<i>Pabpn1</i>	0.192621356	0.09320068	2.066737674	0.038758879	0.679118604
<i>Slc22a17</i>	-0.445374637	0.244014974	-1.825193878	0.067971777	0.742385562
<i>Efs</i>	-0.495016754	0.349032355	-1.418254631	0.156116437	0.855455553
<i>Myh6</i>	-0.095036922	0.385798822	-0.246338029	0.805420574	0.99099448
<i>Myh7</i>	-0.416690656	0.80221996	-0.51942195	0.603466528	0.974001549
<i>Ngdn</i>	0.273968326	0.143822473	1.904906244	0.056792259	0.721593167
<i>Zfhx2</i>	1.086503919	0.825867475	1.315591123	0.188311314	0.874826736
<i>Thtpa</i>	0.077474461	0.167327393	0.463011223	0.643356322	0.978801899
<i>Ap1g2</i>	0.289278961	0.243621304	1.187412414	0.235064986	0.896002526
<i>Dhrs4</i>	0.188918636	0.121146572	1.559422052	0.11889652	0.814755048
<i>Lrrc16b</i>	1.209925371	0.803220525	1.506342697	0.131979223	0.827800491
<i>Pck2</i>	-0.033737718	0.144930625	-0.232785296	0.815928131	0.992524109
<i>Dcaf11</i>	-0.047649466	0.116235748	-0.409938137	0.681851328	0.984683806
<i>Fitm1</i>	-0.284358707	0.518460579	-0.548467363	0.583371033	0.972174584
<i>Psme1</i>	0.093956121	0.138083631	0.680429098	0.496232802	0.960179302
<i>Emc9</i>	0.189728146	0.193519107	0.980410406	0.326883575	0.916882624
<i>Psme2</i>	0.190187856	0.161984519	1.174111307	0.240350445	0.896939594
<i>Rnf31</i>	0.129026976	0.254483606	0.507014884	0.612144375	0.974001549
<i>Irf9</i>	-0.075544632	0.144037711	-0.524478148	0.599946014	0.974001549
<i>Rec8</i>	-0.469246787	0.286710801	-1.636655419	0.101702489	0.788783372
<i>Ipo4</i>	-0.071508554	0.215876318	-0.331247794	0.740457322	0.988585656
<i>Tm9sf1</i>	-0.106817165	0.136100996	-0.784837497	0.432548852	0.946044891
<i>Tssk4</i>	0.218930286	0.750245921	0.291811365	0.770430855	0.989990452
<i>Mdp1</i>	0.04299737	0.142811753	0.301077253	0.763355586	0.989285682
<i>Nedd8</i>	0.146516587	0.121259538	1.208289173	0.226936052	0.89398447
<i>Gmpr2</i>	0.238494346	0.137839304	1.730234686	0.083588354	0.76099108
<i>Tinf2</i>	0.268832322	0.161113099	1.668593828	0.095197903	0.778239075
<i>Tgm1</i>	-0.155967433	0.603807484	-0.258306559	0.796170325	0.990988839
<i>Rabggta</i>	-0.059399508	0.198964779	-0.298542828	0.765288893	0.989884648
<i>Dhrs1</i>	-0.083123357	0.149945196	-0.554358253	0.579333691	0.971613657
<i>Nop9</i>	-0.318778652	0.199723331	-1.59610122	0.110466196	0.800111791
<i>Cideb</i>	0.098184848	1.82795342	0.053712992	0.957163832	0.996226826
<i>Ltb4r2</i>	0.38085083	1.765058415	0.215772366	0.82916519	0.992886758
<i>Ltb4r1</i>	0.258284252	0.342780069	0.753498453	0.45115044	0.949134998
<i>Adcy4</i>	0.004635934	0.176696738	0.026236668	0.979068569	0.997262526
<i>Ripk3</i>	-0.106535374	0.328291227	-0.324514836	0.745548292	0.988585656
<i>Nfatc4</i>	-0.032231038	0.275167165	-0.117132575	0.906754997	0.994688009
<i>Nynrin</i>	-0.113825951	0.509201931	-0.22353794	0.823116858	0.992886758
<i>Khynyn</i>	-0.101166661	0.251666544	-0.40198693	0.687693645	0.98538669
<i>Sdr39u1</i>	0.032324626	0.121472273	0.266107031	0.79015678	0.990988839

<i>Cma1</i>	1.117288554	0.57411759	1.946097059	0.051643082	0.707153766
<i>Gm5801</i>	-0.00326968	0.944359189	-0.003462327	0.997237468	0.99957296
<i>Mcpt4</i>	-0.530484574	0.863302987	-0.614482495	0.538896537	0.966875138
<i>Mcpt8</i>	1.067599933	1.249487941	0.854429961	0.392866801	0.933734231
<i>Gzmb</i>	1.080779642	0.225651977	4.789586406	1.67E-06	0.003031841
<i>Rnf17</i>	0.671067161	1.567892063	0.428005968	0.668646775	0.981863224
<i>Cenpj</i>	0.010695989	0.283798907	0.037688619	0.969935951	0.996628386
<i>Parp4</i>	-0.204084104	0.210537999	-0.969345698	0.332372736	0.917115058
<i>Mphosph8</i>	-0.279076875	0.238379957	-1.170722905	0.241710175	0.896939594
<i>Gm16973</i>	0.106670196	0.328008294	0.325205788	0.745025328	0.988585656
<i>Pspc1</i>	0.0514754	0.165302878	0.311400505	0.75549617	0.989266039
<i>Zmym5</i>	0.034538817	0.12509523	0.27610019	0.782471115	0.990988839
<i>Zmym2</i>	-0.214313871	0.163836439	-1.308096494	0.190840582	0.877906723
<i>Gja3</i>	-1.62003809	1.320496552	-1.226840076	0.219882705	0.888847883
<i>Gjb2</i>	-0.502930499	0.317146564	-1.585798352	0.11278506	0.803772007
<i>Gjb6</i>	0.199707627	0.231223145	0.863700848	0.387752248	0.933137881
<i>Cryl1</i>	0.067819863	0.141873174	0.478031615	0.632627703	0.977034429
<i>Ift88</i>	-0.270424325	0.15657191	-1.727157349	0.084139408	0.76099108
<i>Il17d</i>	-0.267405082	0.229823185	-1.16352526	0.244616456	0.896939594
<i>N6amt2</i>	0.066784061	0.160692432	0.41560178	0.677701424	0.983670411
<i>Xpo4</i>	0.285964539	0.390829435	0.731686289	0.464360067	0.953083512
<i>Lats2</i>	0.025068895	0.12335982	0.203217671	0.838964901	0.992886758
<i>Sap18</i>	0.149555449	0.129562587	1.154310457	0.248372911	0.896939594
<i>Ska3</i>	0.786751314	0.790920946	0.99472813	0.319868509	0.91640698
<i>Mrpl57</i>	0.527391501	0.251025622	2.100946897	0.035645628	0.674795441
<i>Zdhhc20</i>	0.009297573	0.101405092	0.09168744	0.926946377	0.994688009
<i>Micu2</i>	0.158271012	0.100999711	1.567044202	0.11710436	0.812679331
<i>Fgf9</i>	0.460698741	0.761341309	0.605114599	0.545102854	0.967491297
<i>Rcbtb1</i>	0.03897996	0.147601093	0.264089915	0.791710634	0.990988839
<i>Gm6904</i>	2.535447004	0.994991835	2.548208854	0.010827763	0.502706181
<i>Phf11a</i>	-0.052440225	0.455165065	-0.115211445	0.908277528	0.994688009
<i>Phf11b</i>	0.337343255	0.19185925	1.758285073	0.078699016	0.754946439
<i>Phf11d</i>	0.304150115	0.127334939	2.388583346	0.016913472	0.569373711
<i>Phf11c</i>	0.373574613	0.474632335	0.787082095	0.43123381	0.945321484
<i>Setdb2</i>	0.129892217	0.363032167	0.357798091	0.720494419	0.988585656
<i>Cab39l</i>	0.153014189	0.107647393	1.421438877	0.155189211	0.855261441
<i>Cdadcl1</i>	0.166051683	0.111736607	1.486099196	0.137252885	0.833085238
<i>Shisa2</i>	0.364576536	0.332848005	1.095324384	0.273374548	0.89897004
<i>Atp8a2</i>	0.432999939	0.547773161	0.790473083	0.429251536	0.945321484
<i>Nupl1</i>	-0.22029856	0.169214009	-1.301893151	0.192952914	0.879588734
<i>Mtmt6</i>	0.032867568	0.103757598	0.316772634	0.751416131	0.988585656
<i>Amer2</i>	-0.184787451	1.664204009	-0.111036538	0.911587373	0.994688009
<i>Spata13</i>	0.187527599	0.248217742	0.755496354	0.449951219	0.948896093
<i>C1qtnf9</i>	0.98691364	0.704036164	1.401793958	0.160976783	0.857316691
<i>Mipep</i>	-0.0393009	0.151504854	-0.25940357	0.795323875	0.990988839
<i>Tnfrsf19</i>	-0.034827671	0.23375627	-0.148991388	0.881560428	0.992886758
<i>Sacs</i>	-1.839801839	1.963009401	-0.937235368	0.3486375	0.921552698
<i>Sgcg</i>	0.135332633	0.427071349	0.316885301	0.751330636	0.988585656
<i>Arl11</i>	-0.291845884	0.201020575	-1.45182096	0.146551394	0.843780493
<i>Ebpl</i>	0.354078456	0.219068699	1.61628958	0.106031719	0.79419908
<i>Kpna3</i>	0.035156914	0.123032797	0.285752377	0.775067785	0.990861469
<i>Spryd7</i>	0.064318958	0.158891834	0.40479713	0.685626638	0.98538669
<i>Trim13</i>	-0.05654115	0.203830248	-0.277393326	0.781478106	0.990988839
<i>Dleu2</i>	0.088446623	0.175414086	0.504216198	0.614109459	0.974001549
<i>Kcnrg</i>	-0.351135422	0.18203726	-1.928920612	0.053740719	0.707153766
<i>Mir16-1</i>	0.695781528	1.37521753	0.505942887	0.612896744	0.974001549
<i>Dleu7</i>	-0.987926461	2.003210375	-0.493171598	0.621891345	0.97514112
<i>Rnaseh2b</i>	0.283774169	0.162424509	1.747114215	0.080617528	0.758204138
<i>Fam124a</i>	-0.389354986	0.190563197	-2.043180382	0.041034585	0.679118604
<i>Serpine3</i>	-1.057507731	0.975330537	-1.084255738	0.278251425	0.901391073
<i>Ints6</i>	-0.070518999	0.208167289	-0.338761192	0.734789639	0.988585656
<i>Wdfy2</i>	0.09596997	0.658699374	0.145696161	0.884161252	0.992886758

2700070H01Rik	1.867707494	0.942619002	1.981402339	0.047546172	0.700850692
Ctsb	-0.084154434	0.092046771	-0.914257318	0.360581652	0.925913281
Fdft1	-0.224956594	0.139974108	-1.607130047	0.108025843	0.797349883
Neil2	0.282537099	0.541772353	0.521505199	0.602014885	0.974001549
Gata4	-0.344097167	0.662989625	-0.519008373	0.603754902	0.974001549
Blk	0.218437301	0.404057338	0.540609662	0.588776657	0.973858421
Fam167a	-0.463642805	0.33131605	-1.399397358	0.161693859	0.858249556
Mtmr9	-0.082533261	0.16861106	-0.489489011	0.624495532	0.975987226
Xkr6	0.2452513	1.062661015	0.230789778	0.817478123	0.992678823
Pinx1	0.014962538	0.232905767	0.064242883	0.948776832	0.99560893
Sox7	-0.041254709	0.270653787	-0.152426129	0.87885085	0.992886758
MsrA	-0.07849411	0.129345	-0.60685848	0.543944834	0.967491297
Kif13b	-0.107736031	0.418619673	-0.257360173	0.796900745	0.990988839
Hmbox1	-0.027926186	0.24318683	-0.114834288	0.908576471	0.994688009
Ints9	-0.073909227	0.364494422	-0.202771902	0.83931332	0.992886758
Extl3	-0.057712381	0.197884097	-0.291647391	0.770556237	0.989990452
Fzd3	0.224134851	0.191676142	1.169341415	0.242266103	0.896939594
Fbxo16	-0.507707497	0.27086635	-1.874383797	0.060877545	0.725221283
Zfp395	-0.099279121	0.273192894	-0.363403013	0.716303852	0.988585656
Elp3	0.063620974	0.175008605	0.363530548	0.716208597	0.988585656
Scara5	0.21614154	0.207521046	1.041540335	0.297624844	0.909070179
Pbk	0.029497365	0.350070956	0.084261103	0.932848838	0.994688009
Esco2	0.159746216	0.405954682	0.39350751	0.693944678	0.986936826
Ccdc25	-0.122465137	0.149013083	-0.821841513	0.411167103	0.941701842
Scara3	0.366952299	0.281557693	1.303293457	0.192474594	0.879588734
Clu	-0.301282843	0.17351655	-1.736334906	0.082504635	0.76099108
Ephx2	0.09787865	0.296708009	0.329882064	0.741489077	0.988585656
Ptk2b	0.319708092	0.269202386	1.187612401	0.23498615	0.896002526
1700001G11Rik	0.206180675	1.433176708	0.143862703	0.885608888	0.992886758
Trim35	-0.321739066	0.137953672	-2.332225452	0.019688834	0.594195177
Adra1a	0.878214777	0.385205512	2.279860359	0.022615972	0.620006604
Dpysl2	0.162636768	0.20211423	0.804677475	0.421005821	0.943415794
Gm5464	0.652713188	1.725740453	0.378222106	0.705265605	0.988585656
Pnma2	1.587225366	1.677530351	0.946167898	0.344062957	0.920669678
Bnip3l	0.133463346	0.116848254	1.142193746	0.253373495	0.897044747
Ppp2r2a	-0.089274832	0.120409364	-0.74142765	0.458434185	0.95251399
Cdca2	-0.307964811	0.681188521	-0.452099237	0.651197493	0.979004493
Kctd9	0.075834581	0.162508081	0.466651138	0.640749493	0.977921835
Gnrh1	0.47914071	0.993251786	0.482396022	0.629524647	0.977034429
Dock5	0.001651557	0.298644056	0.005530185	0.995587573	0.999285699
Adam7	-0.837307834	1.292159117	-0.647991275	0.516990593	0.964352198
Adamdec1	-0.138693213	0.326458912	-0.424841253	0.670952402	0.982567035
Adam28	-0.346871134	0.18566097	-1.868304013	0.061719708	0.725730283
Stc1	-0.574490392	0.375694116	-1.52914397	0.126228757	0.822401003
Slc25a37	0.04085483	0.180786046	0.22598442	0.821213538	0.992886758
Synb	-0.361525179	1.913658477	-0.188918338	0.850156821	0.992886758
Entpd4	-0.702752575	0.174435363	-4.028727679	5.61E-05	0.03405023
Loxl2	-0.311932545	0.247967675	-1.257956484	0.208407494	0.884258007
R3hcc1	0.311420092	0.17041532	1.827418403	0.067636885	0.742385562
Chmp7	0.073344968	0.125269301	0.585498342	0.558212681	0.968926429
4930480K23Rik	0.686519753	0.697339273	0.984484568	0.324877315	0.91640698
Tnfrsf10b	-0.248124065	0.264965686	-0.936438483	0.349047472	0.921552698
Rhobtb2	-0.028157135	0.268699597	-0.104790389	0.916542137	0.994688009
Pebp4	2.012699285	1.642222914	1.225594448	0.220351328	0.889301125
Egr3	0.049632215	0.64612982	0.076814618	0.938771021	0.994688009
Bin3	0.273292118	0.148902325	1.83537845	0.066449634	0.738254074
Ccar2	0.050218432	0.142277314	0.352961626	0.724117209	0.988585656
9930012K11Rik	-0.072074935	0.164145088	-0.439092855	0.660594256	0.979924124
Pdlim2	0.044914066	0.112152438	0.400473384	0.688807884	0.98538669
Sorbs3	-0.318033832	0.185759295	-1.712074937	0.086882859	0.765418158
Ppp3cc	0.049338035	0.127465891	0.387068531	0.698705474	0.987770663
Slc39a14	-0.385798872	0.226901401	-1.700293036	0.08907582	0.768297719

<i>Piwi12</i>	0.717476005	0.792207011	0.905667326	0.365111962	0.926556975
<i>Polr3d</i>	0.260705714	0.206848463	1.260370564	0.207535716	0.883846885
<i>Phyhip</i>	-0.251179213	0.819692074	-0.306431184	0.759276368	0.989266039
<i>Bmp1</i>	0.065500133	0.160690112	0.407617696	0.68355437	0.984769452
<i>Sftpc</i>	0.127588073	0.228592038	0.558147492	0.576743673	0.971613657
<i>Lgi3</i>	-0.033185214	0.120705383	-0.274927374	0.783372036	0.990988839
<i>Reep4</i>	-0.170783953	0.211814568	-0.806289932	0.420075694	0.943415794
<i>Hr</i>	-0.147106761	0.389698497	-0.377488654	0.705810494	0.988585656
<i>Nudt18</i>	-0.000379565	0.172487224	-0.00220054	0.998244224	0.999591134
<i>Fam160b2</i>	-0.547216965	0.393710082	-1.389898279	0.164559768	0.859982992
<i>Dmtn</i>	-0.284511494	0.289346723	-0.98328915	0.325465148	0.91640698
<i>Npm2</i>	1.169345324	1.069058603	1.093808442	0.274039001	0.899524481
<i>Xpo7</i>	-0.077224247	0.130018201	-0.593949517	0.552545879	0.968926429
<i>Dok2</i>	-0.020096306	0.263896829	-0.07615213	0.939298067	0.994688009
<i>Gfra2</i>	0.115699692	0.225136369	0.513909384	0.607315346	0.974001549
<i>Fndc3a</i>	-0.065401426	0.139096689	-0.470186791	0.638221571	0.977779844
<i>Gm9199</i>	-0.84151068	0.589002807	-1.428704024	0.153089321	0.854159937
<i>Cysltr2</i>	0.076983301	0.610514751	0.126095727	0.89965615	0.99447264
<i>Rcbtb2</i>	0.131224612	0.13603438	0.964642998	0.334723655	0.918030088
<i>Rb1</i>	-0.071958958	0.167356774	-0.429973378	0.667215007	0.981863224
<i>Lpar6</i>	-0.530017377	0.214164163	-2.474818242	0.0133304	0.539384266
<i>Itm2b</i>	-0.021964303	0.069343977	-0.31674421	0.7514377	0.988585656
<i>Med4</i>	-0.106731307	0.123938322	-0.861164694	0.389147342	0.933734231
<i>Nudt15</i>	0.083820215	0.458184841	0.18293974	0.854845301	0.992886758
<i>Sucla2</i>	-0.057818535	0.107166659	-0.539519803	0.589528237	0.974001549
<i>Htr2a</i>	-0.368181085	1.276510869	-0.288427693	0.773019372	0.990730604
<i>Esd</i>	0.243231887	0.167116427	1.455463665	0.145540942	0.842832198
<i>Lrch1</i>	-0.257115436	0.185714293	-1.384467677	0.166215299	0.860082
<i>5031414D18Rik</i>	-0.165892906	0.83429934	-0.19884099	0.842387131	0.992886758
<i>Lcp1</i>	-0.104280863	0.170360117	-0.612120163	0.540458258	0.966989525
<i>Zc3h13</i>	0.266614358	0.235991975	1.129760273	0.258577252	0.897248195
<i>Cog3</i>	-0.020379087	0.128194477	-0.15897009	0.873692439	0.992886758
<i>Slc25a30</i>	-0.255632623	0.29525989	-0.865788521	0.386606145	0.932626359
<i>Gm4285</i>	0.537731054	0.240439182	2.236453514	0.025322079	0.631196313
<i>Tpt1</i>	0.102518176	0.146134249	0.701534218	0.482969688	0.957463006
<i>Snora31</i>	-0.123741689	1.222551936	-0.101215896	0.919379078	0.994688009
<i>Gtf2f2</i>	-0.267333367	0.170734465	-1.56578443	0.117399092	0.812881672
<i>Gpalpp1</i>	-0.034507497	0.120234631	-0.287001316	0.774111313	0.990730604
<i>Nufip1</i>	0.165514333	0.174428358	0.948895781	0.34267362	0.919850248
<i>Tsc22d1</i>	-0.136525507	0.134298888	-1.016579579	0.309353473	0.9139204
<i>Serp2</i>	0.764834717	0.328532883	2.328030944	0.019910461	0.595248411
<i>1700108F19Rik</i>	-1.283861421	0.940421408	-1.365197994	0.172190829	0.86244803
<i>Lacc1</i>	-0.261041956	0.260228192	-1.003127116	0.315799533	0.915957942
<i>Ccdc122</i>	-0.049858785	0.216585	-0.230204238	0.817933069	0.992734473
<i>Enox1</i>	-0.840279852	1.142828367	-0.735263384	0.462179104	0.953083512
<i>Dnajc15</i>	0.291925625	0.313503134	0.931172909	0.351764129	0.923082865
<i>Epsti1</i>	0.33242206	0.174727513	1.902516979	0.057103601	0.721735927
<i>Fam216b</i>	-0.374660993	0.166242494	-2.253701705	0.02421494	0.624577134
<i>Tnfsf11</i>	0.691144098	0.85261466	0.810617187	0.417585543	0.943415794
<i>Akap11</i>	-0.174013309	0.1795034	-0.969415119	0.332338112	0.917115058
<i>Dgkh</i>	-0.564864286	0.438477393	-1.288240387	0.197662297	0.880239572
<i>Vwa8</i>	0.085943271	0.21904862	0.392347925	0.694801158	0.987037197
<i>Rgcc</i>	-0.151599451	0.386027367	-0.392716848	0.694528625	0.987010101
<i>Naa16</i>	-0.177781652	0.201564004	-0.882010918	0.377770903	0.928883222
<i>Mtrf1</i>	0.325924941	0.218998209	1.48825391	0.136683945	0.832506992
<i>Kbtbd7</i>	0.0096191	0.178381889	0.053924196	0.956995559	0.996226826
<i>Kbtbd6</i>	-0.114782196	1.320772353	-0.086905359	0.93074674	0.994688009
<i>Wbp4</i>	-0.130174462	0.123416939	-1.054753613	0.291538025	0.907334416
<i>Elf1</i>	-0.102367118	0.139474068	-0.733950902	0.462978662	0.953083512
<i>Sugt1</i>	0.19512439	0.137789074	1.416109305	0.156743504	0.855906801
<i>Olfm4</i>	0.735587368	1.317930279	0.558138302	0.576749948	0.971613657
<i>Pcdh17</i>	-0.128792617	0.299309874	-0.430298591	0.666978452	0.981863224

<i>Diap3</i>	0.519371383	0.233309217	2.226107436	0.026006986	0.631530315
<i>Tdrd3</i>	-0.076043119	0.145448146	-0.522819443	0.601099908	0.974001549
<i>Pcdh20</i>	-1.745801359	0.777848531	-2.244397578	0.024806832	0.627796923
<i>Gm5088</i>	-0.498533402	0.961900519	-0.518279585	0.604263215	0.974001549
<i>Dach1</i>	-0.109042944	0.222389237	-0.490324737	0.623904125	0.975903684
<i>Mzt1</i>	0.208640595	0.168933754	1.235043858	0.216814182	0.887633697
<i>Bora</i>	1.049241104	0.526581993	1.992550293	0.046310713	0.698098452
<i>Dis3</i>	-0.112002386	0.185886362	-0.602531483	0.546820413	0.967902958
<i>Pibf1</i>	0.058910628	0.192165893	0.306561311	0.759177306	0.989266039
<i>Klf5</i>	-0.081943829	0.335629977	-0.244149314	0.807115181	0.99099448
<i>Klf12</i>	-0.065931521	0.421062558	-0.156583672	0.875572972	0.992886758
<i>Tbc1d4</i>	-0.066778571	0.208550251	-0.320203741	0.748813887	0.988585656
<i>Commd6</i>	0.430795567	0.202595587	2.126381794	0.033471482	0.671174852
<i>Uchl3</i>	0.098197161	0.167809132	0.585171731	0.558432251	0.968926429
<i>Lmo7</i>	-0.162014079	0.147134959	-1.101125665	0.270841968	0.89804647
<i>Kctd12</i>	-0.146137401	0.154072409	-0.948498188	0.342875895	0.919850248
<i>4933432I03Rik</i>	-0.009482745	1.656545443	-0.00572441	0.995432607	0.999285699
<i>Irg1</i>	0.579338666	1.412416742	0.410175445	0.681677252	0.984683806
<i>Cln5</i>	0.145012033	0.145303562	0.99799366	0.318282433	0.91640698
<i>Fbxl3</i>	0.144599393	0.123666641	1.169267577	0.242295842	0.896939594
<i>Mycbp2</i>	0.027852437	0.167502551	0.166280673	0.867936075	0.992886758
<i>Scel</i>	-0.31622607	0.214028158	-1.47749751	0.139542325	0.836535783
<i>Slain1</i>	0.377665817	0.445655194	0.847439506	0.396750192	0.934469184
<i>Ednrb</i>	-0.063469096	0.165475516	-0.383555812	0.701307697	0.988482081
<i>Rnf219</i>	-0.114581361	0.273684953	-0.418661532	0.675463513	0.983549699
<i>Gm17066</i>	-0.162998085	0.209279772	-0.778852557	0.436066574	0.946762848
<i>Rbm26</i>	-0.273649241	0.183293633	-1.492955518	0.135448831	0.830756223
<i>Ndfip2</i>	0.095169106	0.123578704	0.770109279	0.441235072	0.948068187
<i>9330188P03Rik</i>	0.082866801	0.713452049	0.116149082	0.90753439	0.994688009
<i>Spry2</i>	-0.151241079	0.152856467	-0.989431994	0.322451828	0.91640698
<i>Slitrk6</i>	-0.192241973	0.494614008	-0.3886707	0.697519759	0.987548136
<i>Mir17hg</i>	-0.222991885	0.323080488	-0.690205362	0.490065052	0.958560421
<i>Gpc5</i>	4.442975924	1.98011271	2.243799508	0.024845304	0.627796923
<i>Gpc6</i>	0.028839052	0.616612563	0.046770134	0.962696433	0.996474415
<i>Dct</i>	-3.484232251	0.741766241	-4.697210601	2.64E-06	0.003766595
<i>Tgds</i>	0.074606422	0.168969892	0.441536777	0.658824443	0.979924124
<i>Gpr180</i>	0.046111729	0.141709678	0.325395763	0.744881562	0.988585656
<i>Sox21</i>	0.119771944	0.998535229	0.11994764	0.904524626	0.994688009
<i>LOC105245869</i>	2.142617583	1.753910981	1.221622765	0.221850316	0.891715929
<i>Abcc4</i>	-0.105805397	0.209403416	-0.505270635	0.613368765	0.974001549
<i>Cldn10</i>	0.020685502	0.175291584	0.118006245	0.90606271	0.994688009
<i>Dzip1</i>	-0.328208355	0.221785204	-1.47984784	0.138913858	0.835236816
<i>Dnajc3</i>	-0.330822614	0.110407621	-2.996374798	0.002732104	0.332888529
<i>Uggt2</i>	0.085136504	0.263394504	0.323228095	0.746522505	0.988585656
<i>Hs6st3</i>	-3.050423098	2.273541603	-1.341705423	0.179691528	0.868087032
<i>Mbnl2</i>	-0.338692551	0.109333121	-3.097803738	0.001949605	0.298625366
<i>Rap2a</i>	-0.075750073	0.148601548	-0.509752923	0.610224571	0.974001549
<i>Ipo5</i>	0.055227479	0.140533363	0.392984826	0.694330689	0.987010101
<i>Farp1</i>	0.100658056	0.212960391	0.47266093	0.636455105	0.977284137
<i>Stk24</i>	-0.082313553	0.175964163	-0.467785893	0.63993771	0.977843986
<i>Slc15a1</i>	-0.275112561	0.590040569	-0.466260416	0.641029109	0.977921835
<i>Dock9</i>	-0.084483725	0.169254966	-0.499150646	0.617673261	0.974153
<i>1810041H14Rik</i>	0.109151505	0.408860611	0.266965078	0.78949605	0.990988839
<i>Ubac2</i>	-0.020173224	0.128095084	-0.157486323	0.874861586	0.992886758
<i>Gpr18</i>	-0.700607679	0.722629273	-0.969525737	0.332282945	0.917115058
<i>Gpr183</i>	0.076041933	0.335898351	0.226383763	0.820902956	0.992886758
<i>A330035P11Rik</i>	-0.092124559	0.390778384	-0.235746303	0.813629538	0.992048071
<i>Tm9sf2</i>	-0.285448657	0.105347267	-2.70959718	0.006736497	0.441713985
<i>Clybl</i>	0.315220793	0.249077281	1.265554178	0.20567274	0.883765092
<i>Gm5089</i>	-0.307790563	1.036607038	-0.296921159	0.766526702	0.989884648
<i>Pcca</i>	0.058616695	0.137388121	0.426650386	0.669633993	0.981863224
<i>Ggact</i>	0.164823373	0.149889443	1.099632968	0.271492072	0.89804647

<i>Tmtc4</i>	-0.255015528	0.181347637	-1.406224712	0.159657408	0.856630464
<i>Nalcn</i>	0.893982537	0.86937509	1.028304753	0.303806496	0.911786415
<i>Itgbl1</i>	0.060893966	0.498974869	0.122038142	0.902868811	0.994688009
<i>Fgf14</i>	-0.589719382	1.55995605	-0.378035895	0.705403929	0.988585656
<i>Sepp1</i>	0.087823367	0.177897967	0.493672686	0.621537358	0.97514112
<i>Ccdc152</i>	0.133923396	0.252290941	0.530829191	0.59553715	0.974001549
<i>Ghr</i>	-0.02552654	0.077373837	-0.329911778	0.741466624	0.988585656
<i>Fbxo4</i>	0.125208082	0.147526015	0.848718657	0.396037862	0.934066368
<i>AW549877</i>	-0.532466927	0.144924867	-3.674089457	0.000238699	0.095054639
<i>A630020A06</i>	3.262399647	1.951218081	1.671981045	0.09452806	0.777748075
<i>BC037032</i>	-0.639487489	0.82125065	-0.778675169	0.436171087	0.946762848
<i>Oxct1</i>	-0.260806027	0.10763967	-2.42295453	0.015394853	0.557315333
<i>Plcxd3</i>	-0.821932599	1.058857449	-0.776244809	0.437604453	0.94749626
<i>C6</i>	-0.698321769	0.259790703	-2.688016782	0.007187778	0.452031612
<i>C7</i>	-0.337902835	0.21658132	-1.56016611	0.118720632	0.814755048
<i>Card6</i>	-0.107274356	0.311084922	-0.344839458	0.730215067	0.988585656
<i>Rpl37</i>	0.158740166	0.13361925	1.188003717	0.234831945	0.89581803
<i>Snord72</i>	0.257208287	0.723779344	0.355368372	0.72231364	0.988585656
<i>Prkaa1</i>	-0.026367961	0.139284103	-0.189310631	0.849849363	0.992886758
<i>Ttc33</i>	0.141604293	0.116049345	1.220207605	0.222386185	0.892391445
<i>Ptger4</i>	0.006814867	0.419034419	0.016263264	0.987024365	0.998148029
<i>5430437J10Rik</i>	0.229919765	0.884808045	0.259852706	0.794977393	0.990988839
<i>Dab2</i>	-0.253517029	0.192942397	-1.313951901	0.188862391	0.875363508
<i>Fyb</i>	0.320889769	0.196626286	1.631977981	0.102684125	0.789323778
<i>Rictor</i>	0.200162575	0.211552501	0.946160286	0.344066839	0.920669678
<i>Osmr</i>	-0.178552948	0.179474995	-0.994862532	0.319803128	0.91640698
<i>Lifr</i>	-0.025715663	0.115811204	-0.222048147	0.824276403	0.992886758
<i>Egflam</i>	0.163310427	0.162575971	1.00451762	0.315129182	0.91586731
<i>Gdnf</i>	-0.09578071	0.635809825	-0.150643646	0.88025683	0.992886758
<i>Wdr70</i>	0.275051359	0.227966648	1.206542103	0.227608535	0.894410876
<i>Nup155</i>	-0.512354128	0.200049312	-2.561139163	0.010432956	0.499527467
<i>2410089E03Rik</i>	0.139274766	0.234624083	0.593608143	0.552774233	0.968926429
<i>Nipbl</i>	0.007300028	0.191882787	0.038044203	0.969652439	0.996628386
<i>Slc1a3</i>	0.19985673	0.149491684	1.336908683	0.181252446	0.868087032
<i>Ranbp3l</i>	-2.817356382	2.065077769	-1.364285851	0.172477617	0.86244803
<i>Nadk2</i>	0.164375038	0.123979617	1.325823082	0.184898306	0.871716376
<i>Skp2</i>	-0.164683556	0.276621576	-0.595338795	0.551617028	0.968926429
<i>Lmbrd2</i>	-0.817315227	0.378497363	-2.15936835	0.030821601	0.659455637
<i>Capsl</i>	0.081198299	0.118372467	0.685955964	0.492740878	0.958916246
<i>Il7r</i>	-0.519155332	0.255960036	-2.028267147	0.04253299	0.68118841
<i>Spef2</i>	-0.381309991	0.24264386	-1.571480076	0.116071179	0.811920148
<i>Prlr</i>	-0.318552375	1.003456096	-0.31745522	0.750898213	0.988585656
<i>Dnajc21</i>	-0.126996467	0.185447431	-0.684811141	0.493463104	0.958916246
<i>Brix1</i>	-0.088621097	0.115551731	-0.766938725	0.443117948	0.948476747
<i>Rad1</i>	0.028025602	0.177773381	0.157647908	0.87473425	0.992886758
<i>Rai14</i>	-0.229793134	0.127141528	-1.807380625	0.070702953	0.744227652
<i>4930556M19Rik</i>	0.064345023	0.168742978	0.381319709	0.702966031	0.988585656
<i>C1qtnf3</i>	-0.631147209	0.410117615	-1.538941966	0.123818465	0.820382953
<i>Amacr</i>	-0.045019613	0.206022639	-0.218517796	0.827025694	0.992886758
<i>Slc45a2</i>	-3.921109154	2.139039093	-1.833117107	0.066785158	0.738254074
<i>Adamts12</i>	0.198521603	1.189614433	0.166878946	0.867465299	0.992886758
<i>Tars</i>	-0.189408732	0.17885358	-1.059015607	0.289592672	0.907334416
<i>Npr3</i>	-0.256481676	0.321845156	-0.796910163	0.425503208	0.944290206
<i>Sub1</i>	0.040967092	0.13475472	0.304012298	0.761118522	0.989266039
<i>Zfr</i>	-0.181308223	0.10588583	-1.712299207	0.086841543	0.765418158
<i>Mir1898</i>	0.65883162	1.742314432	0.378135891	0.705329647	0.988585656
<i>Mtmr12</i>	-0.055966473	0.15248446	-0.367030666	0.713596144	0.988585656
<i>Golph3</i>	-0.176905692	0.102510711	-1.725728847	0.084396206	0.76099108
<i>Pdzd2</i>	0.07280536	0.179279489	0.406099774	0.684669292	0.985105247
<i>6030458C11Rik</i>	0.067788569	0.200307405	0.33842268	0.735044686	0.988585656
<i>Drosha</i>	-0.184924136	0.232459293	-0.795511909	0.426315786	0.944290206
<i>Baspl</i>	-0.208230681	0.209802026	-0.992510348	0.320948634	0.91640698

<i>Myo10</i>	0.179524848	0.21270688	0.844001133	0.398668773	0.93579994
<i>Fam134b</i>	-0.0920881	0.126554476	-0.727655815	0.466824304	0.95308746
<i>Zfp622</i>	0.041866344	0.153972793	0.271907414	0.78569321	0.990988839
<i>Fbxl7</i>	-0.1750693	0.529876942	-0.330396146	0.741100653	0.988585656
<i>Ank</i>	-0.623566282	0.139764386	-4.461553459	8.14E-06	0.008748514
<i>Otulin</i>	0.018055567	0.164024459	0.110078505	0.912347115	0.994688009
<i>Fam105a</i>	0.211805585	0.139827523	1.514763199	0.129832383	0.827800491
<i>Trio</i>	-0.18164554	0.219197815	-0.828683166	0.407283714	0.939557159
<i>Dnah5</i>	0.108946323	0.178779494	0.609389367	0.542266384	0.967491297
<i>Ctnnd2</i>	0.425468528	0.501422111	0.848523665	0.396146399	0.934066368
<i>Dap</i>	-0.069917427	0.134432259	-0.520094118	0.602997978	0.974001549
<i>Ankrd33b</i>	-0.046178287	0.139237648	-0.331650873	0.740152901	0.988585656
<i>Ropn1l</i>	-0.034938207	0.216717114	-0.161215728	0.871923494	0.992886758
<i>Mar-06</i>	-0.09971643	0.119603056	-0.833728112	0.404434213	0.938127315
<i>Cmb1</i>	0.028116712	0.156846236	0.179262909	0.85773127	0.992886758
<i>Cct5</i>	0.009150386	0.111634055	0.081967692	0.934672405	0.994688009
<i>Fam173b</i>	0.011347284	0.19696007	0.057612105	0.954057607	0.996070133
<i>Snhg18</i>	0.148772979	0.180658001	0.823506173	0.410220208	0.940983181
<i>Snord123</i>	-1.367819798	1.226576996	-1.115152006	0.264785289	0.89768067
<i>Sema5a</i>	-0.203977544	0.410264872	-0.497185009	0.619058592	0.974471036
<i>Sdc2</i>	-0.301982702	0.1533893	-1.968733815	0.048983666	0.707153766
<i>Cpq</i>	-0.238610246	0.127485642	-1.871663674	0.061253148	0.725221283
<i>Tspyl5</i>	-0.400191035	0.454574172	-0.880364657	0.378661797	0.929137643
<i>Mtdh</i>	0.035183472	0.107410564	0.327560631	0.743243893	0.988585656
<i>Laptn4b</i>	-0.207168291	0.116750296	-1.774456234	0.075987715	0.752876039
<i>Matn2</i>	0.017481358	0.268098226	0.065205048	0.948010742	0.995535632
<i>Rpl30</i>	-0.502686283	1.162429766	-0.432444435	0.665418429	0.981727712
<i>Erich5</i>	-1.637074016	0.833952119	-1.963031184	0.049642551	0.707153766
<i>Hrsp12</i>	0.652002612	0.206101725	3.163499056	0.001558849	0.282792452
<i>Pop1</i>	0.221241512	0.365017946	0.606111328	0.544440829	0.967491297
<i>Nipal2</i>	-0.290221502	0.168889856	-1.718406946	0.085722414	0.763135146
<i>Stk3</i>	-0.062097891	0.178178397	-0.348515264	0.727453253	0.988585656
<i>Vps13b</i>	-0.078686316	0.211637328	-0.371797908	0.710043322	0.988585656
<i>Cox6c</i>	0.151232025	0.198901494	0.760336294	0.447053592	0.948476747
<i>Rgs22</i>	-0.241993922	0.21977945	-1.101076201	0.270863494	0.89804647
<i>Fbxo43</i>	0.05616655	1.805969426	0.031100499	0.975189392	0.997262526
<i>Polr2k</i>	0.350222259	0.223263434	1.568650331	0.116729438	0.812418014
<i>Spag1</i>	-0.303618322	0.253708687	-1.196720244	0.231415614	0.895404344
<i>Rnf19a</i>	-0.064067891	0.128048266	-0.500341729	0.616834476	0.974001549
<i>Ankrd46</i>	0.09139626	0.099797066	0.915821113	0.359760728	0.92584564
<i>Snx31</i>	0.488291409	0.747998161	0.652797606	0.513886767	0.964352198
<i>Pabpc1</i>	-0.157626195	0.101277467	-1.55637972	0.119617825	0.81558552
<i>Ywhaz</i>	-0.103528091	0.101871656	-1.016260021	0.309505581	0.9139204
<i>Zfp706</i>	0.02261905	0.09707003	0.233017857	0.81574754	0.992524109
<i>Grhl2</i>	-0.088913986	0.179274726	-0.495964981	0.619919118	0.974471036
<i>Ncald</i>	0.244672804	0.131914445	1.854784008	0.063627077	0.729199878
<i>Rrm2b</i>	0.106638647	0.144079316	0.740138487	0.459215968	0.952683168
<i>Ubr5</i>	0.18899115	0.210519391	0.897737495	0.369325515	0.928436166
<i>Klf10</i>	0.102230642	0.169377657	0.603566276	0.54613204	0.96778188
<i>Azin1</i>	0.010680719	0.137004536	0.077958871	0.937860769	0.994688009
<i>Atp6v1c1</i>	0.042812476	0.117251042	0.365135143	0.715010529	0.988585656
<i>Baal</i>	0.167410472	0.870929067	0.192220558	0.847569443	0.992886758
<i>Fzd6</i>	-0.022063618	0.168989695	-0.130561912	0.896121875	0.993952571
<i>Cthrc1</i>	0.112558283	0.18619231	0.604527024	0.545493308	0.967491297
<i>Slc25a32</i>	-0.011836964	0.191454844	-0.061826403	0.950701077	0.99573416
<i>Dcaf13</i>	0.167569483	0.133884039	1.251601639	0.210715057	0.884340413
<i>Rims2</i>	-0.117482575	1.104220066	-0.106394168	0.91526962	0.994688009
<i>Dcstamp</i>	-0.284427149	0.989565636	-0.287426259	0.773785957	0.990730604
<i>Dpys</i>	1.893985398	1.358593123	1.394078452	0.163293915	0.859982992
<i>Lrp12</i>	-0.159659088	0.296182776	-0.539055951	0.589848248	0.974001549
<i>AU022793</i>	0.386473	0.514840197	0.75066594	0.452853726	0.950106559
<i>Zfpm2</i>	0.226190169	0.475601923	0.475587163	0.634368522	0.977034429

<i>Oxr1</i>	0.068618999	0.138890565	0.49405083	0.621270282	0.97514112
<i>Abra</i>	-0.630363565	0.484200506	-1.301864738	0.192962628	0.879588734
<i>Angpt1</i>	0.284602347	0.13601682	2.092405535	0.036402254	0.677009445
<i>Rspo2</i>	0.813368163	1.437428963	0.565849294	0.571496234	0.971613657
<i>Eif3e</i>	0.161257705	0.142318138	1.133079085	0.257181044	0.897248195
<i>Emc2</i>	0.165574189	0.110258803	1.501686803	0.133178014	0.827800491
<i>Tmem74</i>	1.357235886	1.717186667	0.790383429	0.429303877	0.945321484
<i>Nudcd1</i>	-0.145617933	0.156717098	-0.929177065	0.352797331	0.923529301
<i>Eny2</i>	0.094315425	0.172282993	0.547444778	0.584073199	0.972333834
<i>Pkhd1l1</i>	-0.112809537	0.280977796	-0.401489152	0.688060024	0.98538669
<i>Ebag9</i>	-0.049909189	0.123422114	-0.404378012	0.685934767	0.98538669
<i>Sybu</i>	0.048538551	0.30253233	0.160440874	0.872533794	0.992886758
<i>A930017M01Rik</i>	0.018552486	1.349720371	0.013745429	0.98903308	0.998182772
<i>Trps1</i>	-0.164865551	0.25117986	-0.656364529	0.511589608	0.963452765
<i>Eif3h</i>	0.276005078	0.180106601	1.532453984	0.125410445	0.822401003
<i>Utp23</i>	0.286010988	0.190712935	1.499693704	0.133693762	0.827800491
<i>Rad21</i>	-0.212394231	0.101106112	-2.10070614	0.03566677	0.674795441
<i>Aard</i>	0.070123134	0.123200802	0.56917758	0.569235634	0.97144955
<i>Med30</i>	0.336558641	0.139495006	2.412693123	0.015835146	0.557315333
<i>Ext1</i>	-0.157126452	0.168310993	-0.933548363	0.350536912	0.922338606
<i>Samd12</i>	0.897104314	0.31377597	2.859059969	0.004248985	0.385355746
<i>Tnfrsf11b</i>	-0.466432801	0.370175733	-1.260030736	0.207658275	0.883846885
<i>Colec10</i>	-1.714758462	1.5722786	-1.090619984	0.275440132	0.900302631
<i>Mal2</i>	0.003498988	0.128375683	0.027255847	0.978255673	0.997262526
<i>Nov</i>	-0.456071649	0.265102798	-1.720357734	0.085367435	0.761635307
<i>Enpp2</i>	-0.326057484	0.177317418	-1.838835048	0.065939451	0.738254074
<i>Taf2</i>	-0.070311576	0.140540731	-0.500293227	0.616868623	0.974001549
<i>Dscc1</i>	0.671081847	0.603365913	1.112230295	0.266039145	0.89768067
<i>Gm9920</i>	0.215354439	1.612259849	0.133573034	0.893740209	0.993422442
<i>Deptor</i>	-0.038619192	0.213793896	-0.180637488	0.856652129	0.992886758
<i>Col14a1</i>	-0.080313471	0.208990523	-0.384292405	0.700761736	0.988482081
<i>Mrpl13</i>	0.251588705	0.181181735	1.388598606	0.164954841	0.860011234
<i>Mtbp</i>	-0.11788933	0.28907799	-0.407811505	0.683412066	0.984738223
<i>Sntb1</i>	-0.340168262	0.27639004	-1.230754414	0.21841473	0.888436964
<i>Has2</i>	0.114366188	1.279452085	0.089386847	0.928774476	0.994688009
<i>Has2os</i>	-1.533683489	1.924461419	-0.796941666	0.425484911	0.944290206
<i>Slc22a22</i>	1.331226833	1.148958547	1.158637826	0.246603844	0.896939594
<i>Zhx2</i>	0.06935143	0.193411725	0.358568904	0.719917613	0.988585656
<i>Derl1</i>	-0.03620169	0.07537772	-0.480270425	0.631035116	0.977034429
<i>Tbc1d31</i>	0.036921626	0.417524423	0.088429859	0.92953503	0.994688009
<i>Fam83a</i>	-0.151043457	0.759400026	-0.198898409	0.842342214	0.992886758
<i>9130401M01Rik</i>	0.081456618	0.151235673	0.53860717	0.590157939	0.974001549
<i>Zhx1</i>	-0.030004088	0.130466171	-0.229975996	0.818110422	0.992734473
<i>Atad2</i>	0.138356583	0.268054303	0.516151324	0.605748724	0.974001549
<i>Wdyhv1</i>	-0.09259813	0.14678369	-0.630847542	0.528140215	0.965637248
<i>Fbxo32</i>	0.088860876	0.235404711	0.377481297	0.705815961	0.988585656
<i>Klhl38</i>	-0.344946973	0.597234701	-0.577573561	0.563552061	0.969658675
<i>Anxa13</i>	0.060427184	0.429150793	0.140806414	0.888022876	0.992886758
<i>D15Ertd621e</i>	-0.234509299	0.127587792	-1.838023021	0.066059013	0.738254074
<i>Tmem65</i>	-0.007569821	0.094607024	-0.080013312	0.936226668	0.994688009
<i>Trmt12</i>	0.281881519	0.242624675	1.161800709	0.245316426	0.896939594
<i>Rnf139</i>	-0.086869429	0.111663444	-0.777957633	0.43659399	0.946762848
<i>Tatdn1</i>	0.356388785	0.20287486	1.756692698	0.078970203	0.755854514
<i>Ndufb9</i>	0.26747365	0.248212261	1.077600471	0.281212092	0.904300139
<i>Mtss1</i>	-0.084226269	0.181283056	-0.464611921	0.642209394	0.978415289
<i>Zfp572</i>	-0.076799107	1.287408948	-0.059654011	0.952431201	0.996023481
<i>Sqle</i>	-0.134265866	0.155824659	-0.861647104	0.388881742	0.933485538
<i>E430025E21Rik</i>	-0.153293392	0.192576959	-0.796011071	0.426025601	0.944290206
<i>Nsmce2</i>	0.13340413	0.132788873	1.004633349	0.315073433	0.91586731
<i>Trib1</i>	-0.02572736	0.23683439	-0.10863017	0.91349583	0.994688009
<i>Fam84b</i>	-0.262411601	0.127136757	-2.064010491	0.039016722	0.679118604
<i>9930014A18Rik</i>	-0.112944061	0.377194031	-0.299432261	0.76461025	0.989442146

<i>Myc</i>	-0.371479723	0.324333567	-1.145363172	0.252058748	0.896939594
<i>Pvt1</i>	0.513254166	0.321512899	1.596371927	0.11040578	0.800111791
<i>Fam49b</i>	0.058471801	0.125353263	0.466456152	0.640889027	0.977921835
<i>Asap1</i>	-0.196831024	0.227744873	-0.864261053	0.3874445	0.932858077
<i>Adcy8</i>	0.076908514	0.264492172	0.290778035	0.771221085	0.989990452
<i>Efr3a</i>	-0.157931399	0.137656078	-1.147289685	0.251261916	0.896939594
<i>Lrrc6</i>	-0.376311065	0.267598558	-1.406252213	0.159649245	0.856630464
<i>Tmem71</i>	-0.015217318	0.15477185	-0.098320967	0.92167743	0.994688009
<i>Phf201</i>	-0.135984681	0.138233488	-0.983731824	0.325247388	0.91640698
<i>Tg</i>	0.841741821	0.7417799	1.134759545	0.256476081	0.897248195
<i>Sla</i>	-0.085793728	0.232630095	-0.368798921	0.712277609	0.988585656
<i>Wisp1</i>	-0.551327718	0.681760482	-0.808682421	0.418697842	0.943415794
<i>Ndrgr1</i>	-0.124161774	0.171723986	-0.723031048	0.469660809	0.95486913
<i>St3gal1</i>	0.067537794	0.119908038	0.563246593	0.57326698	0.971613657
<i>1700012111Rik</i>	0.09738563	1.578287267	0.061703362	0.950799063	0.99573416
<i>Zfat</i>	-0.79966927	0.416569202	-1.919655284	0.054901456	0.711409581
<i>Mir30d</i>	1.136575556	2.080086819	0.546407749	0.584785685	0.972676842
<i>Khdrbs3</i>	0.079957519	0.161232656	0.495913927	0.61995514	0.974471036
<i>Trappc9</i>	-0.155242668	0.379707125	-0.408848445	0.682650885	0.984738223
<i>Peg13</i>	-0.260728762	0.137020675	-1.902842488	0.057061101	0.721735927
<i>Chrac1</i>	0.452827921	0.161087511	2.811067832	0.004937737	0.399101188
<i>Ago2</i>	-0.197909504	0.387202124	-0.511127113	0.609262052	0.974001549
<i>Ptk2</i>	-0.276760086	0.152418248	-1.815793642	0.069402033	0.743426713
<i>Dennd3</i>	-0.308210383	0.195762432	-1.574410272	0.115392631	0.81007959
<i>Slc45a4</i>	-0.405537671	0.249466959	-1.625616762	0.104031207	0.79155232
<i>Ptp4a3</i>	0.131068366	0.146971208	0.891796209	0.372502174	0.928840865
<i>Mroh5</i>	0.33786513	1.509151318	0.22387757	0.822852569	0.992886758
<i>Arc</i>	0.502775169	1.164308178	0.431823102	0.665869987	0.981816968
<i>Jrk</i>	0.15846023	0.388116239	0.40828034	0.683067871	0.984738223
<i>4933427E11Rik</i>	-0.278822483	0.79959272	-0.34870563	0.727310317	0.988585656
<i>Psca</i>	-4.003875694	2.137393342	-1.873251691	0.061033637	0.725221283
<i>Them6</i>	-0.205367663	0.110476194	-1.858931376	0.063036866	0.727650961
<i>Slurp1</i>	0.176291422	0.347847094	0.50680723	0.612290083	0.974001549
<i>Lypd2</i>	0.070449888	0.250615957	0.281106951	0.77862837	0.990988839
<i>2300005B03Rik</i>	0.136689543	0.282062436	0.484607398	0.627954865	0.976968316
<i>Lynx1</i>	-0.014573263	0.202395942	-0.07200373	0.942598939	0.994688009
<i>Ly6d</i>	0.52004491	0.256306594	2.028995437	0.042458755	0.68118841
<i>Ly6k</i>	-0.508548275	0.451455223	-1.126464483	0.259968966	0.897248195
<i>2010109I03Rik</i>	-0.21865011	0.493933574	-0.442671083	0.658003661	0.979614766
<i>Ly6e</i>	-0.205363163	0.183793835	-1.117356101	0.263842097	0.897248195
<i>Ly6i</i>	-0.210946596	0.499655982	-0.422183669	0.672890961	0.983233856
<i>Ly6a</i>	0.086836281	0.137999927	0.629248749	0.529186219	0.965637248
<i>Ly6c1</i>	0.058764202	0.15920656	0.369106665	0.712048221	0.988585656
<i>Ly6c2</i>	0.269077227	0.229437798	1.172767649	0.240888995	0.896939594
<i>Ly6h</i>	-1.022998856	1.818988446	-0.562399864	0.573843611	0.971613657
<i>Gpihbp1</i>	0.246844618	0.237245766	1.040459528	0.298126458	0.909779403
<i>Zfp41</i>	-0.136159767	0.409126013	-0.332806429	0.739280405	0.988585656
<i>Top1mt</i>	0.091074988	0.375976255	0.24223601	0.808597294	0.991020605
<i>Rhpn1</i>	-0.719525025	0.625266376	-1.150749589	0.249835269	0.896939594
<i>Zc3h3</i>	-0.204735908	0.553533603	-0.369870785	0.71147877	0.988585656
<i>Gsdmd</i>	0.081230465	0.131605178	0.617228484	0.537084031	0.96674935
<i>Mroh6</i>	-2.006839573	1.989111163	-1.00891273	0.31301649	0.914898
<i>Naprt</i>	-0.085171968	0.190095925	-0.448047311	0.654119053	0.979133069
<i>Eef1d</i>	0.324208756	0.134401214	2.412245731	0.015854592	0.557315333
<i>Tigd5</i>	-0.254255348	0.582377635	-0.43658158	0.662414824	0.980647283
<i>Pycl</i>	0.252289298	0.178569519	1.412835175	0.157704193	0.855986074
<i>Tsta3</i>	0.193530652	0.151655709	1.276118472	0.201913643	0.881220006
<i>Zfp623</i>	-0.43480467	0.226341572	-1.921011094	0.054730309	0.710884449
<i>Zfp707</i>	-0.021572307	0.252592631	-0.085403548	0.931940572	0.994688009
<i>Ccdc166</i>	-0.098709978	0.226153982	-0.436472428	0.662494	0.980647283
<i>Mapk15</i>	-0.303080505	0.237557897	-1.275817427	0.202020066	0.881300669
<i>Fam83h</i>	-0.036987344	0.380797521	-0.097131263	0.922622154	0.994688009

<i>Scrib</i>	0.068169392	0.186141525	0.366223453	0.714198343	0.988585656
<i>Puf60</i>	-0.030615371	0.084801466	-0.361024073	0.718081451	0.988585656
<i>Nrbp2</i>	-0.364140154	0.173939999	-2.093481402	0.036306203	0.677009445
<i>Eppk1</i>	0.499085006	0.538351789	0.927061108	0.353894808	0.924338589
<i>Plec</i>	0.126625745	0.327250548	0.386938221	0.698801944	0.987770663
<i>Parp10</i>	0.108944033	0.216672067	0.50280608	0.615100618	0.974001549
<i>Grina</i>	-0.143758698	0.178593236	-0.80495041	0.420848297	0.943415794
<i>Gm10872</i>	0.504843635	1.649471782	0.30606382	0.759556054	0.989266039
<i>Smpd5</i>	-0.076119778	0.389403933	-0.195477682	0.845019007	0.992886758
<i>Oplah</i>	0.070495846	0.21293396	0.331069059	0.740592323	0.988585656
<i>Exosc4</i>	0.146612885	0.169978723	0.862536691	0.388392252	0.933269543
<i>Gpaa1</i>	-0.325837528	0.200564427	-1.624602791	0.104247222	0.79155232
<i>Cyc1</i>	0.155838089	0.125295777	1.243761704	0.213587279	0.884945675
<i>Sharpin</i>	-0.108751853	0.160724768	-0.676634064	0.498638161	0.960700483
<i>Maf1</i>	0.130905869	0.087005701	1.504566576	0.132435545	0.827800491
<i>Hgh1</i>	0.371178771	0.413910299	0.89676138	0.36984626	0.928436166
<i>Mroh1</i>	-0.117792902	0.215395779	-0.546867274	0.584469921	0.97242196
<i>Bop1</i>	-0.17531057	0.120766192	-1.451652708	0.146598195	0.843780493
<i>Scx</i>	0.183831435	0.175811577	1.045616214	0.29573826	0.908204914
<i>Hsf1</i>	-0.206772883	0.219993978	-0.93990247	0.34726759	0.921552698
<i>Dgat1</i>	0.1227779	0.176641376	0.695068752	0.487012217	0.958288569
<i>Fbxl6</i>	-0.221115953	0.244057049	-0.906001091	0.364935275	0.926556975
<i>Slc52a2</i>	-0.091346141	0.265925856	-0.343502291	0.731220617	0.988585656
<i>Adck5</i>	0.234109167	0.174007326	1.345398332	0.178496634	0.867377413
<i>Cpsf1</i>	-0.208363605	0.184100159	-1.131794812	0.25772071	0.897248195
<i>Slc39a4</i>	-0.258663382	0.222831592	-1.160802112	0.245722384	0.896939594
<i>Vps28</i>	-0.03544101	0.099416962	-0.356488562	0.721474717	0.988585656
<i>Tonsl</i>	-0.504887819	0.710918539	-0.710190818	0.477585814	0.95716557
<i>Cyhr1</i>	0.046778796	0.10327334	0.452961003	0.650576823	0.979004493
<i>Kifc2</i>	0.216122377	0.306400929	0.705358101	0.480587412	0.957463006
<i>Ppp1r16a</i>	-0.167132634	0.14411757	-1.159696448	0.246172417	0.896939594
<i>Gpt</i>	-0.013961274	0.1737432	-0.080355801	0.935954279	0.994688009
<i>Mfsd3</i>	0.025413672	0.273159557	0.093035997	0.925874964	0.994688009
<i>Recql4</i>	-0.756420004	1.357525726	-0.557204913	0.577387433	0.971613657
<i>Lrrc14</i>	0.052014711	0.313669639	0.165826414	0.868293559	0.992886758
<i>Lrrc24</i>	0.531662115	1.239104341	0.429069689	0.66787251	0.981863224
<i>C030006K11Rik</i>	0.227201417	0.273699014	0.830114125	0.406474262	0.939557159
<i>Arhgap39</i>	-0.18964536	0.250515476	-0.757020539	0.449037558	0.948476747
<i>Zfp251</i>	0.278306612	0.235173653	1.183408977	0.236647101	0.896358698
<i>Zfp7</i>	0.13691911	0.172370815	0.794328842	0.427004018	0.944290206
<i>Commd5</i>	-0.035545067	0.165155272	-0.215222114	0.829594151	0.992886758
<i>Rpl8</i>	0.239875717	0.123393675	1.943987134	0.051897003	0.707153766
<i>Zfp647</i>	-0.147714063	0.344432854	-0.428861712	0.668023865	0.981863224
<i>1110038F14Rik</i>	0.036585772	0.147110053	0.248696614	0.803595468	0.990988839
<i>Mb</i>	0.061858907	0.299780446	0.206347373	0.836519576	0.992886758
<i>Apol6</i>	-0.633739116	1.066484315	-0.594232008	0.552356948	0.968926429
<i>Rbfox2</i>	-0.126580812	0.159702936	-0.792601657	0.428009943	0.945321484
<i>Apol7a</i>	0.074378634	0.589591563	0.126152813	0.899610963	0.99447264
<i>Apol9a</i>	0.065646521	0.365138301	0.17978536	0.857321077	0.992886758
<i>Apol7b</i>	-0.095665131	1.651869518	-0.057913249	0.953817729	0.996070133
<i>Apol7c</i>	-0.272265571	0.556447598	-0.489292382	0.624634714	0.976017893
<i>Apol10b</i>	0.021565626	0.290563102	0.074220112	0.940835243	0.994688009
<i>Gm8221</i>	-0.679773927	1.313559545	-0.517505224	0.604803523	0.974001549
<i>Apol11b</i>	1.825986044	0.716037608	2.550125893	0.010768403	0.502706181
<i>Apol9b</i>	0.254469139	0.328621793	0.774352599	0.438722306	0.947831419
<i>Myh9</i>	0.275680942	0.151321337	1.821824654	0.068481596	0.743426713
<i>Txn2</i>	0.001564074	0.103877234	0.015056951	0.987986745	0.998148029
<i>Foxred2</i>	1.015959302	0.827437626	1.22783793	0.219507814	0.888847883
<i>Eif3d</i>	-0.005258954	0.100212557	-0.052477995	0.958147828	0.996226826
<i>Ift27</i>	-0.016382299	0.107122395	-0.152930665	0.878452953	0.992886758
<i>Pvalb</i>	-3.459308449	2.217377872	-1.560089732	0.118738678	0.814755048
<i>Ncf4</i>	-0.131996173	0.26342685	-0.501073347	0.616319504	0.974001549

<i>Csf2rb2</i>	-0.865661903	0.35771197	-2.419997021	0.015520634	0.557315333
<i>Csf2rb</i>	0.031095478	0.247388726	0.125694806	0.899973514	0.994508803
<i>Tst</i>	-0.187420345	0.114586862	-1.635618097	0.10191954	0.788783372
<i>Mpst</i>	0.024711482	0.12312976	0.200694636	0.840937354	0.992886758
<i>Kctd17</i>	0.105329667	0.18752423	0.561685638	0.574330221	0.971613657
<i>Tmprss6</i>	0.054157929	1.169079518	0.046325274	0.963050995	0.996474415
<i>Il2rb</i>	0.241897919	0.430837477	0.56145979	0.574484135	0.971613657
<i>C1qtnf6</i>	-0.190650798	0.276379931	-0.68981419	0.490311044	0.958604768
<i>Rac2</i>	-0.250559587	0.25483677	-0.983215988	0.325501148	0.91640698
<i>Cyth4</i>	-0.128627758	0.188089787	-0.683863597	0.494061303	0.958916246
<i>Mfng</i>	0.101918109	0.116008196	0.878542313	0.379649486	0.929185635
<i>Card10</i>	-0.283286923	0.201901391	-1.40309545	0.160588378	0.857316691
<i>Cdc42ep1</i>	-0.048224027	0.19118284	-0.252240351	0.800855291	0.990988839
<i>Lgals2</i>	0.287028021	0.385546288	0.744470976	0.456591594	0.951472839
<i>Gga1</i>	-0.141296941	0.12948168	-1.09125044	0.275162699	0.900302631
<i>Sh3bp1</i>	-0.483282922	0.385392629	-1.254001466	0.209841472	0.884258007
<i>Pdxdp</i>	-0.85467757	0.725275058	-1.178418533	0.238629793	0.896609492
<i>Lgals1</i>	0.274491434	0.140809075	1.949387379	0.051249181	0.707153766
<i>Nol12</i>	0.050466559	0.15538085	0.324792659	0.745338001	0.988585656
<i>Triobp</i>	0.309610746	0.161478886	1.917345066	0.055194108	0.712374865
<i>H1f0</i>	0.338297526	0.123979632	2.728654066	0.006359338	0.427279448
<i>Gcat</i>	-0.298541533	0.2305448	-1.294939349	0.195341153	0.879588734
<i>Galr3</i>	-1.126975197	2.125077644	-0.530321892	0.595888771	0.974001549
<i>Ankrd54</i>	-0.335367597	0.159539052	-2.10210348	0.035544212	0.674795441
<i>Eif3l</i>	-0.028206456	0.132633223	-0.212665084	0.831588203	0.992886758
<i>Micall1</i>	0.012706443	0.294750865	0.043109093	0.965614571	0.996474415
<i>1700088E04Rik</i>	-0.167578147	0.324570961	-0.516306653	0.60564025	0.974001549
<i>Polr2f</i>	0.49725075	0.152642113	3.25762491	0.001123488	0.242572819
<i>Gm10863</i>	0.086174998	0.971860218	0.088670156	0.929344051	0.994688009
<i>Pick1</i>	-0.109998913	0.16138644	-0.681587084	0.495500084	0.95978525
<i>Baiap2l2</i>	-1.083694166	1.662149654	-0.65198351	0.51441181	0.964352198
<i>Pla2g6</i>	-0.379453739	0.405118425	-0.936648929	0.348939175	0.921552698
<i>Maff</i>	-0.216763733	0.16431528	-1.319194006	0.187104262	0.873455432
<i>Tmem184b</i>	-0.031510976	0.174249032	-0.180838744	0.856494151	0.992886758
<i>Csnk1e</i>	-0.116716721	0.17803266	-0.655591622	0.512086917	0.963452765
<i>Kdelr3</i>	-0.122001465	0.169357521	-0.720378191	0.471292174	0.95486913
<i>Ddx17</i>	-0.191937982	0.117221911	-1.637389976	0.101549011	0.788783372
<i>Dmc1</i>	-1.072119082	0.851008472	-1.259821867	0.20773363	0.883937183
<i>Fam227a</i>	-0.000590956	0.190332071	-0.003104869	0.997522677	0.99957296
<i>Cby1</i>	0.211500507	0.173969005	1.215736712	0.224085234	0.892989918
<i>Tomm22</i>	0.050884764	0.13276836	0.38325972	0.701527202	0.988482081
<i>Josd1</i>	-0.279414392	0.127361076	-2.193875879	0.028244334	0.641905969
<i>Gtpbp1</i>	-0.128225054	0.232156996	-0.552320437	0.580728831	0.971613657
<i>Sun2</i>	-0.028670041	0.165748269	-0.172973394	0.862672341	0.992886758
<i>Gm16576</i>	0.284706037	0.460013974	0.618907367	0.535977385	0.96674935
<i>Dnal4</i>	0.138098082	0.158515752	0.871194689	0.383647859	0.931591679
<i>Nptxr</i>	-2.232511866	2.38109502	-0.937598814	0.348450621	0.921552698
<i>Cbx6</i>	-0.020251559	0.173673394	-0.116607146	0.907171374	0.994688009
<i>D730005E14Rik</i>	0.42394886	0.281410374	1.506514683	0.131935101	0.827800491
<i>Apobec3</i>	-0.094357926	0.169730975	-0.555926374	0.578261188	0.971613657
<i>Cbx7</i>	0.069869325	0.129338084	0.540206894	0.589054359	0.974001549
<i>Pdgfb</i>	-0.16823783	0.235614022	-0.714039975	0.475202461	0.956761005
<i>Rpl3</i>	0.172489651	0.152693675	1.129645028	0.25862583	0.897248195
<i>Syngr1</i>	0.320696095	0.25552729	1.255036577	0.209465482	0.884258007
<i>Tab1</i>	0.045174669	0.224178252	0.201512271	0.840298035	0.992886758
<i>Mgat3</i>	-0.232133519	0.185661599	-1.250304431	0.21118836	0.884390587
<i>Mief1</i>	-0.190263585	0.16995403	-1.119500289	0.262926768	0.897248195
<i>Atf4</i>	-0.25451548	0.101654788	-2.503723495	0.012289404	0.525888996
<i>Rps19bp1</i>	0.213622768	0.16012265	1.334119619	0.182164657	0.868546072
<i>Cacna1i</i>	0.583965399	1.094538502	0.533526594	0.593669107	0.974001549
<i>Grap2</i>	-0.075816962	0.314134386	-0.241351998	0.809282313	0.991295569
<i>Fam83f</i>	-0.252221656	0.805489591	-0.313128387	0.754183123	0.988804605

<i>A430088P11Rik</i>	-0.163423416	0.624927553	-0.261507778	0.793700952	0.990988839
<i>Tnrc6b</i>	0.324936877	0.354016224	0.917858716	0.358692837	0.925178192
<i>Adsl</i>	0.064182775	0.143826833	0.446250353	0.655416414	0.979133069
<i>Sgsm3</i>	0.055547572	0.176497519	0.314721548	0.752973082	0.988585656
<i>Mkl1</i>	-0.05805523	0.31748496	-0.18285978	0.854908042	0.992886758
<i>8430426J06Rik</i>	0.46318635	0.35211055	1.315457175	0.188356301	0.874826736
<i>Slc25a17</i>	0.113018826	0.116372157	0.971184421	0.33145645	0.917115058
<i>St13</i>	-0.25062248	0.114827861	-2.182592961	0.029065799	0.64858361
<i>Xpnp3</i>	-0.045030772	0.292515713	-0.153943089	0.877654609	0.992886758
<i>Rbx1</i>	0.164007203	0.14739407	1.112712356	0.265831987	0.89768067
<i>Ep300</i>	0.020975958	0.193776965	0.108247942	0.913799016	0.994688009
<i>L3mbtl2</i>	-0.053716992	0.333564219	-0.16103943	0.872062345	0.992886758
<i>Chadl</i>	0.503775218	0.482694875	1.04367219	0.296637081	0.909070179
<i>Rangap1</i>	-0.280707169	0.140759547	-1.994231831	0.046126725	0.698098452
<i>Zc3h7b</i>	0.082874103	0.209011343	0.396505288	0.691732308	0.986454135
<i>Tef</i>	-0.455279241	0.206411634	-2.205685952	0.027405996	0.636714037
<i>Tob2</i>	-0.226839885	0.244897725	-0.926263749	0.35430893	0.924354588
<i>Phf5a</i>	0.029846885	0.1387462	0.215118575	0.829674872	0.992886758
<i>Aco2</i>	-0.184595238	0.145005404	-1.273023167	0.203009821	0.882297774
<i>Polr3h</i>	0.196095389	0.163974149	1.195892097	0.231738669	0.895404344
<i>Csdc2</i>	0.325564516	0.576224317	0.564996142	0.572076388	0.971613657
<i>Pmm1</i>	0.266621098	0.245239642	1.08718597	0.27695463	0.900604936
<i>Desi1</i>	-0.00993624	0.176218294	-0.056385974	0.955034331	0.99614946
<i>Xrcc6</i>	-0.126713329	0.205647718	-0.616166957	0.537784334	0.96674935
<i>Nhp2l1</i>	-0.004476373	0.10830321	-0.041331856	0.967031337	0.996474415
<i>Ccdc134</i>	-0.058979877	0.146638979	-0.402211457	0.687528411	0.98538669
<i>Srebf2</i>	-0.03400282	0.179740102	-0.189177704	0.849953542	0.992886758
<i>Shisa8</i>	-1.137608745	1.631370992	-0.697332949	0.485594453	0.957710647
<i>Tnfrsf13c</i>	0.117739584	0.519290871	0.226731472	0.820632553	0.992886758
<i>Cenpm</i>	0.11966696	0.698712047	0.171267922	0.864013103	0.992886758
<i>Sep-03</i>	-0.280641385	0.70050169	-0.400629133	0.688693194	0.98538669
<i>Naga</i>	0.014031077	0.148337319	0.09458899	0.924641296	0.994688009
<i>Fam109b</i>	-0.362627685	0.435624803	-0.832431217	0.405165588	0.939383492
<i>Smdt1</i>	0.401989906	0.164404628	2.445125244	0.014480185	0.554936045
<i>Ndufa6</i>	0.363610675	0.140787283	2.582695443	0.009803182	0.487977291
<i>Cyp2d22</i>	-0.138603409	0.168654579	-0.821818235	0.411180354	0.941701842
<i>Tcf20</i>	0.050062841	0.160226768	0.31244992	0.754698617	0.98902053
<i>Gm20324</i>	-0.920596312	0.544686388	-1.690140109	0.091001153	0.771538719
<i>Nfam1</i>	-0.240859291	0.278760457	-0.864036792	0.38756768	0.932893632
<i>Serhl</i>	0.235971292	0.182938596	1.289893424	0.197087664	0.879755417
<i>Rrp7a</i>	0.08897268	0.135150176	0.658324557	0.510329602	0.963452765
<i>Poldip3</i>	-0.034368118	0.137292558	-0.250327613	0.802334004	0.990988839
<i>Cyb5r3</i>	0.004851748	0.118684224	0.040879466	0.967391987	0.996474415
<i>A4galt</i>	-0.17744067	0.326795672	-0.542971296	0.587149566	0.973336477
<i>Arfgap3</i>	-0.141248839	0.142644058	-0.990218875	0.322067149	0.91640698
<i>1700001L05Rik</i>	-0.383297615	0.490004004	-0.782233639	0.434077279	0.946762848
<i>Pacsin2</i>	-0.008123937	0.126748726	-0.064094823	0.948894724	0.995624732
<i>Ttll1</i>	-0.042569549	0.253634902	-0.167837901	0.866710805	0.992886758
<i>Bik</i>	0.426131377	0.214942763	1.982534193	0.047419484	0.700850692
<i>Mcat</i>	0.135868943	0.119151876	1.140300492	0.254161133	0.897044747
<i>Tspo</i>	0.245522006	0.233991722	1.049276463	0.294050896	0.907334416
<i>Ttll2</i>	0.1883195	0.29209139	0.644728007	0.519103463	0.96446859
<i>Scube1</i>	0.14195742	0.392012122	0.362125077	0.717258565	0.988585656
<i>Efcab6</i>	-0.330952521	0.359629502	-0.920259654	0.357437088	0.924354588
<i>Sult4a1</i>	-0.217634089	0.90795706	-0.239696455	0.810565583	0.991438232
<i>Pnpla5</i>	0.50905404	0.560376229	0.908414764	0.363659128	0.926455466
<i>Pnpla3</i>	-0.463635228	0.621941578	-0.745464276	0.4559911	0.951472839
<i>Samm50</i>	0.173680908	0.145103133	1.196948017	0.231326817	0.895404344
<i>Parvb</i>	0.081367159	0.225545037	0.360757921	0.718280422	0.988585656
<i>Parvg</i>	0.030894553	0.236943141	0.130388045	0.896259425	0.993970087
<i>1810041L15Rik</i>	-0.158619123	0.658669827	-0.240817352	0.809696681	0.991295569
<i>Ldoc1l</i>	0.468970904	0.532208601	0.881178738	0.378221085	0.928883222

<i>Prr5</i>	-0.017356357	0.377197534	-0.046013972	0.963299114	0.996474415
<i>Gm20556</i>	-2.311630462	1.976608124	-1.169493555	0.242204836	0.896939594
<i>Arhgap8</i>	-0.148356321	0.260790554	-0.568871528	0.569443329	0.97144955
<i>Phf21b</i>	0.602495232	1.052496771	0.572443782	0.567021362	0.970862413
<i>Nup50</i>	-0.318495339	0.140479785	-2.267196946	0.023378197	0.622011301
<i>5031439G07Rik</i>	0.140124536	0.249084497	0.562558237	0.573735737	0.971613657
<i>Upk3a</i>	-0.277652724	0.690414645	-0.402153584	0.687570999	0.98538669
<i>Fam118a</i>	0.185659028	0.123396368	1.504574496	0.132433507	0.827800491
<i>Ribc2</i>	-0.707743146	0.512926281	-1.37981455	0.167643751	0.860403806
<i>Fbln1</i>	-0.106030798	0.166584918	-0.636496986	0.524452545	0.965637248
<i>Atxn10</i>	-0.136102366	0.110637092	-1.230169404	0.218633675	0.888631319
<i>Wnt7b</i>	-0.576258652	0.366934046	-1.570469292	0.116305973	0.81220172
<i>AU022754</i>	0.509213312	0.964671461	0.527861902	0.597595189	0.974001549
<i>Lincppara</i>	-0.400218166	0.541805317	-0.738675229	0.460104231	0.953083512
<i>Ppara</i>	0.151988634	0.395367443	0.384423748	0.700664402	0.988482081
<i>Cdpf1</i>	0.185667061	0.17011823	1.091400149	0.275096847	0.900302631
<i>Pkdrej</i>	-0.562923985	1.670736656	-0.336931606	0.736168459	0.988585656
<i>Ttc38</i>	-0.269939028	0.251131792	-1.074889907	0.282424021	0.90579922
<i>Gtse1</i>	-1.278330628	1.01950895	-1.253868962	0.209889638	0.884258007
<i>Trmu</i>	0.226481542	0.229856148	0.985318617	0.324467591	0.91640698
<i>Celsr1</i>	0.211746119	0.36741414	0.576314561	0.564402583	0.969658675
<i>Gramd4</i>	-0.100396721	0.211208638	-0.475343822	0.634541929	0.977034429
<i>Cerk</i>	-0.078877508	0.173322522	-0.455090932	0.649043821	0.979004493
<i>Tbc1d22a</i>	-0.150357628	0.182306624	-0.824751314	0.409512792	0.940886864
<i>Fam19a5</i>	-0.154030372	0.592504045	-0.259965097	0.794890696	0.990988839
<i>Brd1</i>	-0.355102934	0.214170977	-1.658034809	0.097310441	0.78359791
<i>Zbed4</i>	0.055420142	0.224228602	0.247159112	0.804785088	0.990988839
<i>Alg12</i>	-0.216435133	0.189649104	-1.141239947	0.253770085	0.897044747
<i>Creld2</i>	-0.109925248	0.149297169	-0.736284877	0.461557348	0.953083512
<i>Pim3</i>	-0.137230866	0.192760352	-0.711924754	0.476511373	0.95716557
<i>Till8</i>	-1.65079545	1.013251365	-1.629206244	0.103269366	0.790843776
<i>Mlc1</i>	-0.027388686	0.192388572	-0.142361296	0.886794632	0.992886758
<i>Mov10l1</i>	-0.675664573	1.492600138	-0.45267621	0.650781913	0.979004493
<i>Panx2</i>	-0.195758355	1.541868519	-0.126961769	0.898970658	0.99447264
<i>1810021B22Rik</i>	-0.405117145	0.381395751	-1.062196273	0.288146591	0.907334416
<i>Trabd</i>	-0.075465691	0.114103397	-0.661379882	0.508368724	0.963324595
<i>Selo</i>	-0.18132207	0.125389594	-1.446069514	0.148157705	0.847572129
<i>Tubgcp6</i>	-0.289928336	0.480657936	-0.603190574	0.546381918	0.96778188
<i>Hdac10</i>	0.028865794	0.208027025	0.138759828	0.889639939	0.993043931
<i>Mapk12</i>	0.056811499	0.10495771	0.541279903	0.58831467	0.973455044
<i>Mapk11</i>	0.383584612	0.186794535	2.053510886	0.040023055	0.679118604
<i>Plxnb2</i>	-0.017812825	0.13259385	-0.13434126	0.893132728	0.99333638
<i>Dennd6b</i>	0.019413372	0.301204632	0.064452435	0.94860998	0.99560893
<i>Ppp6r2</i>	-0.128017664	0.197060856	-0.649635176	0.515927906	0.964352198
<i>Sbf1</i>	-0.138811786	0.207959687	-0.667493724	0.504456817	0.961955905
<i>Adm2</i>	0.674681617	1.822290454	0.370238243	0.711204984	0.988585656
<i>Lmf2</i>	-0.243712522	0.203859293	-1.195493806	0.231894155	0.895404344
<i>Ncaph2</i>	0.267500862	0.099376885	2.691781523	0.007107149	0.452031612
<i>Tymp</i>	-0.65159256	0.277813791	-2.345429133	0.019005191	0.590246276
<i>Odf3b</i>	-0.054978268	0.208463446	-0.263730976	0.791987225	0.990988839
<i>Arsa</i>	0.195913304	0.189335245	1.034742921	0.300788986	0.910959335
<i>C230037L18Rik</i>	2.342601818	1.090198415	2.148784832	0.03165146	0.661395937
<i>Shank3</i>	0.083422929	0.218281748	0.382180048	0.70232782	0.988482081
<i>Rabl2</i>	-0.259017742	0.141297089	-1.833142802	0.066781337	0.738254074
<i>Syt10</i>	-0.544361897	0.405376529	-1.342854997	0.179318931	0.867478574
<i>Alg10b</i>	-0.495318629	0.245181332	-2.020213463	0.04336125	0.686006913
<i>Cpne8</i>	-0.243836096	0.178997372	-1.36223283	0.173124418	0.863084695
<i>Kif21a</i>	-0.125419929	0.177453592	-0.706775942	0.479705727	0.957463006
<i>Abcd2</i>	0.007471157	0.212422671	0.035171185	0.971943239	0.996733101
<i>Slc2a13</i>	-0.284528646	0.570918327	-0.49837014	0.618223179	0.974471036
<i>Lrrk2</i>	-0.116167435	0.163502169	-0.71049476	0.477397379	0.95716557
<i>Cntn1</i>	0.173414236	0.659763773	0.26284292	0.792671653	0.990988839

Gxylt1	-0.162541533	0.206969142	-0.785341868	0.432253154	0.9459793
Yaf2	-0.056753133	0.158629532	-0.357771548	0.720514285	0.988585656
Zcrb1	0.307613323	0.157275001	1.955894593	0.050477572	0.707153766
Pphln1	-0.092119769	0.138083658	-0.66713013	0.504689016	0.962138588
Prickle1	0.236926385	0.152629161	1.552300908	0.120590241	0.815945653
D630010B17Rik	1.935350582	1.648584481	1.173946864	0.24041631	0.896939594
Adams20	-0.645979757	0.817617769	-0.790075487	0.429483685	0.945321484
Pus7l	0.766878334	0.406336252	1.887299818	0.059120011	0.72285319
Irak4	0.003505147	0.224062165	0.015643636	0.987518694	0.998148029
Twf1	0.112843558	0.092636525	1.218132457	0.223173642	0.892421271
Tmem117	-0.101277845	0.322347224	-0.314188668	0.753377749	0.988585656
Ano6	-0.063608244	0.155760602	-0.408371844	0.683000701	0.984738223
D030018L15Rik	0.59371848	0.996597138	0.59574572	0.55134511	0.968926429
E330033B04Rik	-0.537158757	0.706888049	-0.759892259	0.447318989	0.948476747
Arid2	-0.159107692	0.166065794	-0.958100328	0.33801217	0.919246575
Scaf11	-0.064312244	0.174553338	-0.368438926	0.712545977	0.988585656
Slc38a1	-0.030562441	0.330132991	-0.092576149	0.926240293	0.994688009
Slc38a2	-0.303975611	0.144863663	-2.098356522	0.035873663	0.674795441
Slc38a4	-0.684894441	0.219989293	-3.113308073	0.001850028	0.292888346
Amigo2	-0.152210839	0.18818798	-0.808823383	0.418616744	0.943415794
Pced1b	0.087411203	0.422475846	0.206902249	0.8360862	0.992886758
Rpap3	0.179435437	0.155663344	1.152714775	0.249027475	0.896939594
Endou	0.390807541	0.261171835	1.496361737	0.134559415	0.828680121
Rapgef3	-0.19972052	0.223524895	-0.893504591	0.371587015	0.928840865
Slc48a1	0.06429254	0.111325551	0.577518272	0.563589399	0.969658675
Hdac7	0.03620036	0.106441711	0.340095625	0.733784516	0.988585656
Vdr	-0.104700964	0.617274984	-0.169618025	0.865310546	0.992886758
Tmem106c	0.060934083	0.182371296	0.334121016	0.738288242	0.988585656
Senp1	-0.251641238	0.20256737	-1.242259494	0.214140835	0.886067976
Pfkm	0.26657406	0.255133132	1.044842975	0.296095549	0.908883631
Asb8	0.032124057	0.17197181	0.186798387	0.851818712	0.992886758
Ccdc184	0.62276341	0.231982456	2.684528049	0.007263229	0.452031612
Zfp641	0.157393964	0.180737252	0.870844066	0.383839301	0.931591679
Lalba	0.775343426	1.754365983	0.441950787	0.658524819	0.979746192
Kansl2	0.28260298	0.134467477	2.101645584	0.035584334	0.674795441
Mir1291	1.03811983	2.179412221	0.476330187	0.633839163	0.977034429
Ccnt1	0.005539413	0.306280979	0.01808605	0.985570207	0.998148029
9330020H09Rik	0.350017269	0.39041015	0.896537317	0.369965859	0.928436166
4930415O20Rik	0.311685044	0.710845892	0.438470627	0.661045159	0.979924124
Adcy6	-0.083525446	0.212597786	-0.39288013	0.694408018	0.987010101
Cacnb3	-0.117858651	0.255351373	-0.461554797	0.644400617	0.97889195
Ddx23	0.22355121	0.11958704	1.869359838	0.061572768	0.725730283
Rnd1	-0.247142612	0.320973271	-0.769978792	0.441312473	0.948068187
Ccdc65	-0.410677438	0.319660526	-1.284729904	0.198886685	0.880661448
Fkbp11	0.041935895	0.310703158	0.134970932	0.892634857	0.993300147
Arf3	-0.085918424	0.198053851	-0.433813449	0.664423914	0.98119114
Wnt10b	0.034103492	0.270568296	0.126043931	0.89969715	0.99447264
Prkag1	0.110750284	0.100746967	1.099291495	0.271640941	0.89804647
Kmt2d	0.13619083	0.258798013	0.526243721	0.59871888	0.974001549
Rhebl1	0.689532697	0.261799255	2.633822227	0.008442968	0.473705634
Dhh	-0.20247726	0.308697032	-0.655909321	0.511882471	0.963452765
Lmbr1l	0.14891424	0.209667661	0.710239428	0.477555675	0.95716557
Tuba1b	-0.028512563	0.094719599	-0.301020734	0.763398684	0.989285682
Tuba1a	-0.048343903	0.137261773	-0.352202236	0.7246866	0.988585656
4930578M01Rik	0.204177947	0.818260313	0.249526885	0.802953247	0.990988839
Tuba1c	-0.116752171	0.220499963	-0.529488395	0.596466693	0.974001549
Prph	0.758946445	1.066246655	0.711792569	0.476593235	0.95716557
Troap	-2.430197441	1.523290173	-1.595360808	0.110631575	0.800111791
Dnajc22	-0.015958025	0.805509528	-0.019811094	0.984194068	0.998148029
Spats2	-0.136267362	0.229231232	-0.594453736	0.552208677	0.968926429
Kcnh3	0.328451221	0.443200905	0.741088786	0.458639608	0.952683168
Mcrs1	0.021127366	0.139385285	0.1515753	0.879521916	0.992886758

<i>1700120C14Rik</i>	0.160188593	1.317281526	0.121605435	0.903211509	0.994688009
<i>Prpf40b</i>	0.05471176	0.168838889	0.324047143	0.745902343	0.988585656
<i>Fmnl3</i>	0.012234226	0.149082661	0.082063371	0.93459632	0.994688009
<i>Tmbim6</i>	-0.170649904	0.131485387	-1.297862127	0.194334716	0.879588734
<i>Nckap5l</i>	0.702071957	0.638142121	1.10018119	0.271253185	0.89804647
<i>Bcdin3d</i>	0.403306347	0.333403604	1.209664031	0.226407837	0.89398447
<i>Faim2</i>	-0.100698592	0.331153339	-0.304084483	0.761063528	0.989266039
<i>Aqp2</i>	0.091618694	0.712766778	0.128539512	0.897722032	0.994101834
<i>Aqp5</i>	-0.174329116	0.114242679	-1.525954377	0.127021227	0.824450458
<i>Racgap1</i>	0.110220675	0.325702261	0.338409304	0.735054764	0.988585656
<i>Asic1</i>	0.476928189	0.390258396	1.222083098	0.221676204	0.89157489
<i>Smarcd1</i>	-0.31283756	0.276322427	-1.132146831	0.257572709	0.897248195
<i>Gpd1</i>	-0.107569833	0.190787538	-0.563820019	0.572876626	0.971613657
<i>Cox14</i>	0.459232828	0.188843083	2.431822339	0.015023074	0.554936045
<i>Cers5</i>	-0.028905339	0.112402796	-0.257158542	0.797056387	0.990988839
<i>Lima1</i>	-0.028807555	0.143530663	-0.200706623	0.840927981	0.992886758
<i>Larp4</i>	-0.068427939	0.152929398	-0.447447905	0.654551693	0.979133069
<i>2310068J16Rik</i>	-0.003070344	1.756588325	-0.001747902	0.998605377	0.999720579
<i>Dip2b</i>	-0.188199259	0.293819395	-0.64052701	0.521830035	0.965211168
<i>Atf1</i>	-0.033813812	0.100755144	-0.335603825	0.737169639	0.988585656
<i>Mettl7a1</i>	0.214761808	0.114072981	1.882670256	0.059745069	0.725221283
<i>Mettl7a3</i>	-1.358370487	0.596890141	-2.27574623	0.022861203	0.620006604
<i>Slc11a2</i>	-0.150587797	0.147509942	-1.020865402	0.307318213	0.9139204
<i>Letmd1</i>	0.060652234	0.244025334	0.248548923	0.803709722	0.990988839
<i>Csrnp2</i>	0.026896693	0.341772137	0.078697734	0.937273048	0.994688009
<i>Tfcp2</i>	0.106661259	0.22506595	0.473911132	0.635563281	0.977034429
<i>Pou6f1</i>	-0.071441041	0.279841211	-0.255291353	0.798498078	0.990988839
<i>C330013E15Rik</i>	0.052139969	0.451393707	0.115508852	0.908041805	0.994688009
<i>Dazap2</i>	-0.113892654	0.090715241	-1.255496348	0.209298633	0.884258007
<i>Smagp</i>	0.078391936	0.113928763	0.688078531	0.49140333	0.958916246
<i>Bin2</i>	0.834779915	0.311980675	2.675742382	0.007456394	0.452943141
<i>Cela1</i>	0.406400348	0.360061557	1.128696855	0.259025736	0.897248195
<i>Galnt6</i>	-0.056232136	0.328731714	-0.171057836	0.864178289	0.992886758
<i>I730030J21Rik</i>	0.106462901	0.92428603	0.115183934	0.908299332	0.994688009
<i>Slc4a8</i>	-0.001893533	0.320554426	-0.005907056	0.995286879	0.999285699
<i>Figl2</i>	-0.32562136	0.500557323	-0.650517623	0.515357922	0.964352198
<i>Acvrl1</i>	-0.084088983	0.134989643	-0.622929147	0.533331083	0.96674935
<i>Acvr1b</i>	-0.18265764	0.286611722	-0.637299962	0.523929476	0.965637248
<i>A330009N23Rik</i>	0.821545318	0.482632665	1.702216566	0.088714778	0.767814344
<i>Grasp</i>	0.152796093	0.23992287	0.636855053	0.524219262	0.965637248
<i>Nr4a1</i>	0.689597713	0.592758243	1.163370937	0.244679036	0.896939594
<i>Atg101</i>	0.082432254	0.151045229	0.545745502	0.585240889	0.972904784
<i>6030408B16Rik</i>	0.036594528	0.193342185	0.189273375	0.849878562	0.992886758
<i>Krt80</i>	-0.094261601	0.166286981	-0.566860977	0.570808639	0.971613657
<i>Krt7</i>	0.091006484	0.124469322	0.731155938	0.46468391	0.953083512
<i>Krt83</i>	-0.428710774	0.838649397	-0.511191895	0.609216694	0.974001549
<i>5430421N21Rik</i>	-1.265465535	1.762980778	-0.717798827	0.472881337	0.955299874
<i>Krt5</i>	-0.737515301	1.424670925	-0.517674143	0.604685642	0.974001549
<i>Krt1</i>	-0.838047832	0.4649807	-1.802328209	0.071493783	0.744227652
<i>Krt79</i>	-0.065473298	0.206189911	-0.317538806	0.750834799	0.988585656
<i>Krt8</i>	-0.315837152	0.174018354	-1.814964606	0.069529349	0.743426713
<i>Krt18</i>	-0.057146944	0.119681782	-0.477490751	0.633012706	0.977034429
<i>Elf4b</i>	0.103922528	0.125539621	0.827806606	0.407780033	0.939557159
<i>Tns2</i>	-0.153429323	0.152024062	-1.009243678	0.312857784	0.914819219
<i>Spryd3</i>	-0.047300194	0.155520927	-0.304140381	0.761020944	0.989266039
<i>Igfbp6</i>	0.214124118	0.144890088	1.477838275	0.139451071	0.836535783
<i>Soat2</i>	-0.09810871	1.475477588	-0.06649285	0.94698545	0.995217331
<i>Csad</i>	-0.034689025	0.16190617	-0.21425388	0.830349081	0.992886758
<i>Zfp740</i>	-0.073371562	0.139098485	-0.527479227	0.597860838	0.974001549
<i>Itgb7</i>	0.176987571	0.2414796	0.732929698	0.463601309	0.953083512
<i>Rarg</i>	-0.450569204	0.249766747	-1.803959933	0.071237588	0.744227652
<i>Mfsd5</i>	-0.155000541	0.144206582	-1.074850673	0.282441589	0.90579922

<i>Esp1</i>	-0.208864128	0.529132184	-0.394729587	0.693042465	0.986599035
<i>Pfdn5</i>	0.288867527	0.280112825	1.031254196	0.302421632	0.911518274
<i>Myg1</i>	0.097064454	0.139336397	0.696619515	0.48604094	0.957710647
<i>Aaas</i>	0.10990408	0.263318906	0.417380133	0.676400384	0.983549699
<i>Sp1</i>	-0.118410109	0.185587877	-0.638027174	0.523455991	0.965637248
<i>Amhr2</i>	0.050012579	0.244178632	0.204819637	0.837713044	0.992886758
<i>Prr13</i>	0.029799562	0.148770722	0.200305285	0.841241829	0.992886758
<i>Pcbp2</i>	-0.117414001	0.089881379	-1.306321756	0.191443162	0.878250211
<i>Map3k12</i>	0.176230043	0.27875874	0.632195581	0.527259085	0.965637248
<i>Tarbp2</i>	0.179725962	0.162422428	1.106534145	0.268495393	0.89804647
<i>Npff</i>	0.467989509	0.700398257	0.66817629	0.504021069	0.96179897
<i>Atf7</i>	-0.339770829	0.31144758	-1.090940663	0.275298993	0.900302631
<i>Atp5g2</i>	0.021240113	0.123990956	0.171303727	0.86398495	0.992886758
<i>Calcoco1</i>	-0.300587316	0.214242919	-1.403021007	0.160610575	0.857316691
<i>Hoxc5</i>	-0.516649483	1.209364487	-0.42720742	0.669228257	0.981863224
<i>Hoxc4</i>	-1.480066249	1.066582921	-1.387671057	0.165237233	0.860011234
<i>Smug1</i>	0.005004442	0.140514069	0.035615238	0.971589158	0.996733101
<i>Cbx5</i>	-0.18551089	0.139715963	-1.327771614	0.184253567	0.871468131
<i>Hnrnpa1</i>	0.206977339	0.71754589	0.288451709	0.773000991	0.990730604
<i>Nfe2</i>	0.253101868	0.294372949	0.859800022	0.389899287	0.933734231
<i>Copz1</i>	-0.249967246	0.129979365	-1.923130232	0.054463697	0.708548823
<i>Zfp385a</i>	0.638389114	0.432939313	1.47454642	0.140334529	0.837748392
<i>Itga5</i>	0.031718607	0.264074035	0.120112556	0.904393986	0.994688009
<i>Nckap1l</i>	-0.032716162	0.230384531	-0.142006765	0.887074662	0.992886758
<i>Pde1b</i>	-0.37990271	0.380584088	-0.998209652	0.318177707	0.91640698
<i>Ppp1r1a</i>	0.454308059	0.289018648	1.571898776	0.115974029	0.811920148
<i>Mefv</i>	-0.049014336	0.601534509	-0.081482168	0.935058506	0.994688009
<i>Zfp263</i>	0.025757154	0.184948999	0.139266254	0.889239755	0.993043931
<i>Zfp174</i>	-0.688619686	0.643437168	-1.07022056	0.284520042	0.905916508
<i>Zfp597</i>	-0.138506802	0.152160646	-0.910266911	0.362681764	0.926455466
<i>Naa60</i>	0.054505557	0.154291989	0.353262391	0.723891738	0.988585656
<i>1700037C18Rik</i>	0.038701281	0.184478281	0.209787738	0.833833343	0.992886758
<i>Cluap1</i>	0.096689645	0.140958349	0.685944792	0.492747923	0.958916246
<i>Nlrc3</i>	-0.753099394	1.089785499	-0.691052868	0.489532318	0.958560421
<i>Slx4</i>	0.338468446	0.457062911	0.74052923	0.458978932	0.952683168
<i>Dnase1</i>	-0.071300334	0.460041254	-0.154986827	0.876831702	0.992886758
<i>Trap1</i>	-0.156968663	0.124229249	-1.26354031	0.206395069	0.883765092
<i>Crebbp</i>	0.381216989	0.440462407	0.86549268	0.386768432	0.932626359
<i>Adcy9</i>	-0.154970032	0.284500557	-0.544709062	0.585953631	0.972904784
<i>Srl</i>	-0.071912428	0.342211881	-0.210140067	0.833558355	0.992886758
<i>Tfap4</i>	0.021318995	0.36163601	0.058951527	0.952990717	0.996070133
<i>Glis2</i>	0.01545674	0.280140229	0.05517501	0.955999038	0.99614946
<i>Pam16</i>	0.276072332	0.15674431	1.761290932	0.078189174	0.754732183
<i>Coro7</i>	-0.182877392	0.301569793	-0.606418138	0.544237127	0.967491297
<i>Vasn</i>	-0.360611324	0.212609219	-1.696122702	0.089862645	0.769347579
<i>Dnaja3</i>	0.048963466	0.119856098	0.408518776	0.682892849	0.984738223
<i>Nmral1</i>	0.189939311	0.282383527	0.672628863	0.501183435	0.96121484
<i>Hmox2</i>	-0.011534431	0.152474845	-0.075648089	0.939699076	0.994688009
<i>Cdip1</i>	-0.116971748	0.162067218	-0.721748357	0.470449205	0.95486913
<i>4930562C15Rik</i>	-0.511209989	0.416476272	-1.22746486	0.219647921	0.888847883
<i>Ubal1</i>	-0.218762171	0.20726413	-1.05547531	0.291207996	0.907334416
<i>Mgrn1</i>	-0.159168154	0.178767193	-0.890365574	0.373269622	0.928840865
<i>Gm16861</i>	1.240581598	1.141746309	1.086565018	0.277229092	0.900939369
<i>Nudt16l1</i>	-0.169195063	0.167366475	-1.010925653	0.312052015	0.914819219
<i>Anks3</i>	-0.146899879	0.154637088	-0.949965372	0.342129848	0.919850248
<i>4930451G09Rik</i>	-0.087147022	0.476656081	-0.18282998	0.854931424	0.992886758
<i>Smim22</i>	0.672389957	0.217136803	3.096619038	0.001957413	0.298625366
<i>Rogdi</i>	-0.131775718	0.162040807	-0.813225511	0.416088776	0.943415794
<i>Glyr1</i>	-0.204933601	0.100583816	-2.037441101	0.041605859	0.679118604
<i>Ubn1</i>	0.061737233	0.140303868	0.44002517	0.659918878	0.979924124
<i>Ppl</i>	-0.142861786	0.265794318	-0.537489992	0.590929196	0.974001549
<i>Sec14l5</i>	-0.559731438	1.339611552	-0.417831152	0.676070573	0.983549699

<i>Nagpa</i>	-0.056507147	0.246523302	-0.229216251	0.818700842	0.992734473
<i>AU021092</i>	-0.186009135	0.142204466	-1.308040039	0.190859729	0.877906723
<i>Alg1</i>	-0.254045369	0.172981427	-1.468628006	0.141933714	0.840741274
<i>Eef2kmt</i>	0.161728232	0.163466332	0.989367229	0.322483502	0.91640698
<i>Rbfox1</i>	-0.471215298	1.442910915	-0.326572689	0.743991103	0.988585656
<i>Mettl22</i>	0.107301497	0.22295179	0.48127668	0.630319869	0.977034429
<i>Abat</i>	0.203793952	0.426019196	0.478368002	0.632388304	0.977034429
<i>Tmem186</i>	-0.197050562	0.146664626	-1.343545254	0.179095483	0.867377413
<i>Pmm2</i>	0.003396047	0.182901547	0.018567621	0.985186033	0.998148029
<i>Carhsp1</i>	0.109981364	0.128340849	0.856947459	0.391473922	0.933734231
<i>Usp7</i>	0.049784331	0.108121227	0.460449186	0.645193837	0.979004493
<i>1810013L24Rik</i>	-0.086119187	0.127414083	-0.675900068	0.499104095	0.960700483
<i>Rpl39l</i>	0.666972888	1.072820702	0.62170024	0.534138994	0.96674935
<i>Emp2</i>	-0.218957838	0.106759671	-2.05094148	0.040272646	0.679118604
<i>Gm1600</i>	0.578733576	1.511768095	0.382819017	0.70185396	0.988482081
<i>Tekt5</i>	0.380099568	0.368026113	1.032805973	0.301694708	0.911518274
<i>Nubp1</i>	0.283725317	0.131748293	2.153540754	0.031276205	0.661395937
<i>Tvp23a</i>	0.257051275	0.748310452	0.343508867	0.731215671	0.988585656
<i>Ciita</i>	0.248988236	0.265241287	0.938723525	0.347872712	0.921552698
<i>Dexi</i>	-0.112935275	0.184120046	-0.613378484	0.539626109	0.966900344
<i>Clec16a</i>	-0.444987448	0.288106013	-1.544526765	0.122460772	0.817763223
<i>Socs1</i>	-0.314210749	0.353243727	-0.889501286	0.373733732	0.928840865
<i>Rmi2</i>	0.112318893	0.751496939	0.149460214	0.881190501	0.992886758
<i>Litaf</i>	-0.161787106	0.143910693	-1.124218801	0.260920215	0.897248195
<i>Gm4262</i>	-0.02357403	0.276761606	-0.08517811	0.932119793	0.994688009
<i>Snn</i>	0.07292234	0.118932942	0.613138287	0.539784906	0.966900344
<i>Txndc11</i>	-0.279356703	0.16020082	-1.743790717	0.08119559	0.760377276
<i>Zc3h7a</i>	-0.164175558	0.132926904	-1.235081482	0.216800181	0.887633697
<i>Rsl1d1</i>	0.000239769	0.126214655	0.001899691	0.998484267	0.999708875
<i>2610020C07Rik</i>	0.044744256	1.091185613	0.041005175	0.967291771	0.996474415
<i>Gspt1</i>	-0.226465847	0.098232835	-2.30539867	0.021144256	0.60743619
<i>Tnfrsf17</i>	0.024096065	0.98479255	0.024468163	0.980479178	0.997296835
<i>Snx29</i>	-0.263319979	0.451813198	-0.582807188	0.560023105	0.968926429
<i>Cpped1</i>	-0.313851624	0.163037435	-1.925027975	0.054225859	0.707153766
<i>Gm9961</i>	-0.152451656	1.402083183	-0.108732248	0.913414864	0.994688009
<i>Shisa9</i>	0.437341555	1.407326355	0.31076058	0.755982639	0.989266039
<i>Ercc4</i>	-0.137763827	0.314146612	-0.438533545	0.660999559	0.979924124
<i>Mkl2</i>	-0.200251616	0.271487274	-0.737609588	0.460751727	0.953083512
<i>2310015D24Rik</i>	-0.125143293	2.030573284	-0.061629538	0.950857854	0.99573416
<i>Parn</i>	0.162717215	0.151741548	1.072331325	0.283571242	0.905916508
<i>Bfar</i>	0.025341951	0.103589971	0.244637112	0.806737426	0.99099448
<i>3110001I22Rik</i>	0.080851348	0.292464417	0.276448495	0.782203614	0.990988839
<i>Rrn3</i>	-0.204438517	0.199252044	-1.026029708	0.304877581	0.912452608
<i>Ntan1</i>	0.320254728	0.139268306	2.299552127	0.021473607	0.60763088
<i>Pdxdc1</i>	-0.099637567	0.137306565	-0.725657709	0.468048634	0.953657709
<i>Mpv17l</i>	-0.025019326	0.182079673	-0.13740867	0.890707779	0.993043931
<i>Marf1</i>	0.019459275	0.122729849	0.158553725	0.874020489	0.992886758
<i>Nde1</i>	-0.097828332	0.114461416	-0.854683918	0.392726156	0.933734231
<i>Myh11</i>	0.557118625	0.255475971	2.18070851	0.029204983	0.64858361
<i>Fopnl</i>	0.235497602	0.197687177	1.191263922	0.233549992	0.89581803
<i>Abcc1</i>	-0.263074758	0.255399841	-1.030050595	0.302986255	0.911623139
<i>Snai2</i>	0.090555937	0.297392052	0.304500193	0.760746846	0.989266039
<i>Efcab1</i>	-0.105057387	0.190413774	-0.551732078	0.581131929	0.971846872
<i>Ube2v2</i>	0.365760819	0.170289781	2.147872977	0.031723848	0.661395937
<i>Mcm4</i>	0.075915096	0.221810819	0.342251548	0.732161595	0.988585656
<i>Prkdc</i>	0.054242144	0.281753536	0.192516286	0.847337812	0.992886758
<i>Mzt2</i>	0.266618352	0.206994596	1.288044989	0.197730303	0.880239572
<i>Cebpd</i>	-0.099465818	0.286446882	-0.347240008	0.728411017	0.988585656
<i>Spidr</i>	-0.110327322	0.173688453	-0.635202402	0.525296417	0.965637248
<i>Pkp2</i>	-0.052762786	0.172380952	-0.306082461	0.759541861	0.989266039
<i>Yars2</i>	0.109736791	0.154785048	0.708962474	0.478347764	0.957463006
<i>Dnm1l</i>	-0.21287171	0.1621401	-1.312887497	0.18922086	0.875548883

<i>Fgd4</i>	-0.228932728	0.197160231	-1.161150637	0.245580645	0.896939594
<i>Spag6</i>	-0.323106507	0.167407396	-1.930061129	0.053599264	0.707153766
<i>Rpl31-ps12</i>	-0.424433793	0.697546015	-0.608467089	0.542877727	0.967491297
<i>Igll1</i>	-1.107595742	1.457870468	-0.759735358	0.447412789	0.948476747
<i>Vpreb1</i>	0.512262101	0.643117791	0.796529203	0.425724509	0.944290206
<i>Top3b</i>	-0.302801909	0.225138853	-1.344956255	0.178639362	0.867377413
<i>Ppm1f</i>	0.009129432	0.11231145	0.081286745	0.935213915	0.994688009
<i>Mapk1</i>	-0.197145474	0.092024106	-2.142324251	0.032167399	0.665167506
<i>Ypel1</i>	0.61684516	0.189184245	3.260552493	0.001111954	0.242572819
<i>Ppil2</i>	0.029217432	0.124098867	0.235436738	0.813869774	0.992048071
<i>2610318N02Rik</i>	1.258440805	1.380047167	0.911882459	0.361830596	0.926455466
<i>Sdf2l1</i>	0.067605653	0.194911988	0.346852208	0.728702353	0.988585656
<i>Ccdc116</i>	0.248595092	1.532124424	0.162255159	0.871104925	0.992886758
<i>Ydjc</i>	-0.371523916	0.580631304	-0.639862015	0.522262311	0.965494283
<i>Ube2l3</i>	-0.128174377	0.103838367	-1.234364333	0.217067173	0.887633697
<i>Hic2</i>	-0.079337377	0.641646804	-0.123646492	0.901595179	0.994688009
<i>Tmem191c</i>	0.137066015	0.626332725	0.218838981	0.82677548	0.992886758
<i>Pi4ka</i>	0.03164672	0.191956757	0.1648638	0.869051186	0.992886758
<i>Serpind1</i>	-0.761523322	0.423170843	-1.799564725	0.071929395	0.744227652
<i>Snap29</i>	-0.000566985	0.106786838	-0.005309501	0.995763651	0.999285699
<i>Crkl</i>	-0.237743427	0.217676512	-1.092186863	0.274750976	0.900302631
<i>Aifm3</i>	0.076413133	0.589558108	0.129610859	0.896874312	0.994101834
<i>Lztr1</i>	0.046485902	0.092912073	0.500321441	0.616848759	0.974001549
<i>Thap7</i>	-0.055053153	0.143492422	-0.383665928	0.701226069	0.988482081
<i>Lrrc74b</i>	-0.681349	0.155799635	-4.373238753	1.22E-05	0.010840965
<i>P2rx6</i>	-0.103551149	0.212579845	-0.487116496	0.626175777	0.976534277
<i>Slc7a4</i>	-0.121674854	0.234351579	-0.519197927	0.603622724	0.974001549
<i>Smpd4</i>	-0.299065411	0.25038312	-1.194431201	0.232309338	0.895404344
<i>Ccdc74a</i>	0.196494097	0.222192644	0.884341142	0.376512085	0.928883222
<i>Med15</i>	0.081270081	0.200107697	0.406131709	0.684645829	0.985105247
<i>Klhl22</i>	-0.270356315	0.164982512	-1.638696799	0.101276421	0.788783372
<i>Scarf2</i>	-0.0298121	0.165966421	-0.1796273	0.857445171	0.992886758
<i>Car15</i>	0.139981399	0.644255025	0.217276379	0.827992964	0.992886758
<i>Dgcr2</i>	-0.015472532	0.136083036	-0.113699199	0.909476248	0.994688009
<i>Dgcr14</i>	-0.106433259	0.230394654	-0.461960628	0.644109555	0.97889195
<i>Slc25a1</i>	-0.189567285	0.152407855	-1.243815714	0.213567396	0.884945675
<i>Dgcr6</i>	0.181620548	0.187662925	0.967801968	0.333143281	0.917239519
<i>Prodh</i>	-0.10742594	0.19475137	-0.551605567	0.581218622	0.971861865
<i>Rtn4r</i>	-0.242901186	1.551774776	-0.156531212	0.875614319	0.992886758
<i>Zdhhc8</i>	-0.21506288	0.220469409	-0.975477191	0.329323611	0.917115058
<i>Ranbp1</i>	0.111827477	0.116449898	0.960305499	0.336901483	0.919246575
<i>Trmt2a</i>	0.205961407	0.133446116	1.543405036	0.122732533	0.817788082
<i>Dgcr8</i>	-0.168714083	0.168665451	-1.000288335	0.317170991	0.91640698
<i>Tango2</i>	0.300509681	0.16062812	1.870841058	0.061367115	0.72551838
<i>Arvcf</i>	0.053477023	0.225693467	0.236945376	0.812699168	0.992000477
<i>Comt</i>	-0.089745767	0.091281833	-0.98317227	0.32552266	0.91640698
<i>Txnrd2</i>	0.241938358	0.287647181	0.841094139	0.400295198	0.936803788
<i>Gnb1l</i>	0.559788632	0.265662785	2.107139818	0.035105462	0.674795441
<i>Tbx1</i>	0.116213772	0.274715691	0.423032887	0.672271267	0.983233856
<i>Gp1bb</i>	-0.189849166	0.585469464	-0.324268263	0.745734945	0.988585656
<i>Sep-05</i>	-0.055309026	0.231097231	-0.239332274	0.810847941	0.991589719
<i>Cldn5</i>	-0.065157127	0.090705139	-0.718339975	0.472547688	0.955044417
<i>Cdc45</i>	0.105078849	0.386210403	0.272076692	0.785563051	0.990988839
<i>Ufd1l</i>	0.119016186	0.112540071	1.057544971	0.290262942	0.907334416
<i>2510002D24Rik</i>	0.48770153	0.162093574	3.008765354	0.002623116	0.327099208
<i>Mrpl40</i>	0.06210991	0.148121771	0.419316552	0.674984801	0.983549699
<i>Hira</i>	-0.018593096	0.168015813	-0.110662775	0.911883766	0.994688009
<i>Lamp3</i>	-0.315993554	0.159708035	-1.978570168	0.047864421	0.702771946
<i>B3gnt5</i>	0.040204129	0.284854465	0.141139192	0.887759983	0.992886758
<i>A930003A15Rik</i>	0.521860182	0.439540373	1.187286114	0.235114784	0.896002526
<i>Klhl6</i>	0.624752289	0.228478599	2.734401783	0.006249374	0.427133716
<i>Klhl24</i>	0.005973654	0.131069223	0.04557633	0.963647935	0.996474415

<i>Yeats2</i>	-0.314011345	0.235952247	-1.330825826	0.183246328	0.869576666
<i>Parl</i>	0.318200478	0.121890814	2.610536977	0.00904002	0.475600561
<i>Cyp2ab1</i>	-0.144013045	0.812617332	-0.177221232	0.859334619	0.992886758
<i>Abcc5</i>	-0.058922444	0.11571901	-0.509185521	0.610622191	0.974001549
<i>Eif2b5</i>	-0.01570384	0.118664357	-0.132338308	0.894716709	0.993556555
<i>Dvl3</i>	-0.076702591	0.521496907	-0.147081585	0.883067625	0.992886758
<i>Ap2m1</i>	0.008039558	0.085425474	0.094111948	0.92502023	0.994688009
<i>Gm15760</i>	0.375302226	0.683089342	0.549418946	0.582717975	0.972086107
<i>Abcf3</i>	0.148317728	0.128296152	1.156057495	0.24765764	0.896939594
<i>Alg3</i>	-0.095021898	0.384946702	-0.246844296	0.805028727	0.99099448
<i>Ece2</i>	0.231158644	0.234755855	0.9846768	0.324782852	0.91640698
<i>Camk2n2</i>	-0.363110676	0.535292766	-0.678340339	0.497555928	0.960690117
<i>Psm2</i>	-0.098665639	0.130371466	-0.756803939	0.449167332	0.948476747
<i>Eif4g1</i>	-0.04835721	0.149607595	-0.323226973	0.746523355	0.988585656
<i>Fam131a</i>	-0.182270901	0.212217344	-0.85888786	0.390402388	0.933734231
<i>Clcn2</i>	-0.256891124	0.412683951	-0.622488768	0.533620527	0.96674935
<i>Polr2h</i>	0.086163315	0.195689771	0.440305665	0.659715738	0.979924124
<i>Thpo</i>	-1.029286375	1.222623183	-0.841867216	0.399862283	0.936395796
<i>Chrd</i>	-0.384192759	0.570662031	-0.673240444	0.500794335	0.961175273
<i>Ephb3</i>	0.050348532	0.205082099	0.245504273	0.806066	0.99099448
<i>Gm16863</i>	1.68392676	2.416762947	0.696769521	0.485947044	0.957710647
<i>Magef1</i>	0.483339346	0.257088709	1.880048908	0.060101413	0.725221283
<i>Vps8</i>	-0.049793964	0.231686139	-0.21491991	0.829829762	0.992886758
<i>2510009E07Rik</i>	-0.402885379	0.170278797	-2.366033742	0.017979806	0.581648476
<i>Ehhadh</i>	-0.016762015	0.216561349	-0.077400768	0.93830473	0.994688009
<i>1300002E11Rik</i>	0.203849648	0.181236321	1.1247726	0.260685408	0.897248195
<i>Map3k13</i>	-0.2021708	0.980260538	-0.206241904	0.836601957	0.992886758
<i>Tmem41a</i>	-0.084262197	0.221770889	-0.379951567	0.703981368	0.988585656
<i>Liph</i>	0.026892531	0.109619437	0.2453263	0.806203789	0.99099448
<i>Senp2</i>	0.091974733	0.118252073	0.777785377	0.43669555	0.946762848
<i>Igf2bp2</i>	-0.206550397	0.346744366	-0.595684938	0.551385722	0.968926429
<i>Tra2b</i>	0.029490117	0.126198545	0.233680323	0.815233165	0.992270157
<i>Etv5</i>	-0.032693126	0.177289866	-0.184404936	0.853695798	0.992886758
<i>Dgkg</i>	0.53181456	0.315615493	1.685007779	0.091987071	0.772965982
<i>9230117E06Rik</i>	0.755944313	0.346730174	2.180209193	0.029241959	0.64858361
<i>Tbccd1</i>	-0.090537072	0.212165624	-0.42672828	0.66957725	0.981863224
<i>Dnajb11</i>	0.050656624	0.119042675	0.425533315	0.670447941	0.982434419
<i>Ahsg</i>	-0.858594596	1.139900959	-0.753218593	0.451318568	0.949134998
<i>Fetub</i>	-0.042586751	0.437919589	-0.097247879	0.922529547	0.994688009
<i>Kng2</i>	-1.429810603	1.203498262	-1.188045424	0.234815514	0.89581803
<i>Eif4a2</i>	0.168159719	0.165434004	1.016476148	0.3094027	0.9139204
<i>Snora81</i>	-0.15694981	0.796911835	-0.196947521	0.843868606	0.992886758
<i>Rfc4</i>	0.020104421	0.2115785	0.095021097	0.92429807	0.994688009
<i>Adipoq</i>	-0.521437488	0.473895339	-1.100322044	0.271191831	0.89804647
<i>St6gal1</i>	-0.137364126	0.186091138	-0.738155115	0.460420195	0.953083512
<i>Masp1</i>	0.576343308	0.825980028	0.697769061	0.485321631	0.957710647
<i>Rtp4</i>	0.265370416	0.163821069	1.619879646	0.105258133	0.793982106
<i>Bcl6</i>	-0.103161895	0.185659136	-0.55565213	0.578448687	0.971613657
<i>Lppos</i>	0.008608047	0.324335621	0.026540554	0.978826188	0.997262526
<i>Lpp</i>	0.004484452	0.207740984	0.021586745	0.982777607	0.997439547
<i>Morf4l1-ps1</i>	0.30809263	0.291711614	1.056154827	0.290897485	0.907334416
<i>Tprg</i>	1.117466996	1.180734319	0.946416969	0.343935954	0.920669678
<i>Trp63</i>	0.205751283	0.843565944	0.243906578	0.807303175	0.99099448
<i>P3h2</i>	-0.264684522	0.506741766	-0.522326243	0.6014432	0.974001549
<i>Cldn1</i>	-0.149720275	0.273417802	-0.547587881	0.583974913	0.972333834
<i>Il1rap</i>	-0.295293189	0.200252436	-1.474604731	0.140318842	0.837748392
<i>Gmnc</i>	-0.034752669	0.308154292	-0.112776847	0.910207475	0.994688009
<i>Uts2b</i>	-0.030378706	1.731544951	-0.017544278	0.986002409	0.998148029
<i>Ccdc50</i>	-0.102034504	0.118238011	-0.862958565	0.388160249	0.933269543
<i>Fgf12</i>	-1.058946102	0.417104716	-2.538801553	0.01112329	0.505877302
<i>Mb21d2</i>	0.060442744	0.199778851	0.30254826	0.76223415	0.989285682
<i>Hrasls</i>	0.222029107	0.649869794	0.34165168	0.73261304	0.988585656

<i>Atp13a4</i>	-0.388695008	0.457291792	-0.849993406	0.395328752	0.934066368
<i>Opa1</i>	-0.113178137	0.180246454	-0.627907703	0.530064404	0.965888564
<i>Gm1968</i>	0.4447196	0.540308098	0.823085203	0.410459543	0.94109998
<i>4632428C04Rik</i>	0.16669334	0.198094918	0.841482162	0.400077874	0.936631983
<i>9030404E10Rik</i>	-0.328921667	0.288578264	-1.13980056	0.2543694	0.897044747
<i>Hes1</i>	-0.045231209	0.169774646	-0.266419104	0.789916454	0.990988839
<i>Gp5</i>	0.523526106	0.748750451	0.69919972	0.484427226	0.957710647
<i>Atp13a3</i>	-0.210944231	0.145683097	-1.44796641	0.147626445	0.846658212
<i>Tmem44</i>	0.41819804	0.174782202	2.392680927	0.016725779	0.56772809
<i>Lsg1</i>	0.012286958	0.140490953	0.087457291	0.930308032	0.994688009
<i>Fam43a</i>	-0.28778692	0.151735486	-1.896635567	0.057876053	0.72285319
<i>Xxy1t1</i>	0.078930725	0.239107417	0.330105713	0.741320086	0.988585656
<i>Acap2</i>	-0.28269582	0.157025445	-1.800318542	0.071810355	0.744227652
<i>Ppp1r2</i>	-0.079794618	0.106029757	-0.752568148	0.451709464	0.949134998
<i>Apod</i>	0.098982102	0.320043008	0.309277501	0.757110444	0.989266039
<i>Bdh1</i>	-0.730614392	0.312666895	-2.3367181	0.019453847	0.593178479
<i>Dlg1</i>	0.042164715	0.096550558	0.436711254	0.662320766	0.980647283
<i>Pigz</i>	0.442427447	0.878237387	0.503767493	0.614424773	0.974001549
<i>0610012G03Rik</i>	0.330258412	0.149756133	2.2053081	0.027432482	0.636714037
<i>Ncbp2</i>	0.06206682	0.08888298	0.698298143	0.484990761	0.957710647
<i>Senp5</i>	-0.009856979	0.126635281	-0.077837545	0.93795728	0.994688009
<i>Gm15694</i>	1.300096503	1.149435046	1.131074355	0.258023797	0.897248195
<i>Pak2</i>	-0.120012445	0.12016368	-0.998741425	0.317919968	0.91640698
<i>Pigx</i>	0.246000816	0.197909373	1.242997302	0.213868828	0.885354044
<i>Cep19</i>	-0.011579543	0.149430566	-0.077491127	0.93823285	0.994688009
<i>Nrros</i>	0.002877651	0.166617102	0.017271044	0.986220386	0.998148029
<i>Bex6</i>	1.080014859	2.90063426	0.372337483	0.709641594	0.988585656
<i>Fbxo45</i>	0.330031069	0.215755415	1.529653702	0.126102469	0.822401003
<i>Wdr53</i>	0.160682023	0.180870922	0.888379521	0.374336637	0.928883222
<i>Smco1</i>	0.94933391	1.296448867	0.732257117	0.464011648	0.953083512
<i>Rnf168</i>	-0.003761536	0.100713084	-0.037349029	0.970206713	0.996628386
<i>Ubxn7</i>	-0.025243348	0.128530435	-0.196399771	0.844297275	0.992886758
<i>Tctex1d2</i>	0.084739405	0.20271968	0.418012719	0.675937818	0.983549699
<i>Pcyt1a</i>	-0.197626308	0.182441441	-1.083231454	0.278705702	0.90176568
<i>Tfr</i>	-0.220811376	0.182647962	-1.208945198	0.2266839	0.89398447
<i>Tnk2</i>	0.199358884	0.258084554	0.772455699	0.439844576	0.947849924
<i>Muc4</i>	0.048558491	0.45112028	0.107639788	0.914281434	0.994688009
<i>Muc20</i>	-0.208717594	0.442110692	-0.472093522	0.636860036	0.977284137
<i>Gm933</i>	-0.312295746	0.650417218	-0.4801468	0.631123012	0.977034429
<i>1700021K19Rik</i>	-0.169237796	0.224505077	-0.753826141	0.450953625	0.949134998
<i>Fyttd1</i>	0.038172578	0.174838961	0.218329931	0.827172055	0.992886758
<i>Lrch3</i>	-0.405572347	0.262089595	-1.547456882	0.121753114	0.816233249
<i>lqcg</i>	-0.122810507	0.169302956	-0.72538903	0.468213401	0.953657709
<i>Rpl35a</i>	0.54987659	0.291922778	1.883637152	0.059614073	0.724734898
<i>Lmln</i>	-0.184933064	0.588124076	-0.314445661	0.753182581	0.988585656
<i>Osbpl11</i>	0.06823099	0.233024347	0.292806272	0.769670234	0.989990452
<i>Snx4</i>	-0.084349534	0.114911726	-0.734037661	0.462925785	0.953083512
<i>1700007L15Rik</i>	0.051452629	0.327387186	0.157161401	0.875117648	0.992886758
<i>Zfp148</i>	-0.270659499	0.105648015	-2.561898563	0.010410172	0.499527467
<i>Slc12a8</i>	-1.105030327	0.871784519	-1.267549839	0.204958755	0.883765092
<i>Heg1</i>	0.026455799	0.323531263	0.081772	0.934828022	0.994688009
<i>Itgb5</i>	-0.204452425	0.165249267	-1.237236496	0.215999296	0.887633697
<i>Umps</i>	0.188072235	0.157416303	1.194744325	0.232186939	0.895404344
<i>Kalrn</i>	0.21351902	0.336924701	0.633729197	0.526257567	0.965637248
<i>Ccdc14</i>	-0.168829636	0.355330855	-0.475133622	0.634691735	0.977034429
<i>Mylk</i>	-0.106762004	0.1610461	-0.662928216	0.507376529	0.963011338
<i>Hacd2</i>	0.143608597	0.167821337	0.855723118	0.39215095	0.933734231
<i>Adcy5</i>	-0.133983141	0.317004641	-0.422653565	0.672548039	0.983233856
<i>Sec22a</i>	-0.013158353	0.192719467	-0.06827724	0.945564942	0.995032756
<i>Pdia5</i>	-0.470846279	0.200685499	-2.346189839	0.018966444	0.590246276
<i>Dirc2</i>	0.117686761	0.108117908	1.08850386	0.276372733	0.900604936
<i>Hspbp1</i>	-0.037561022	0.259065367	-0.144986661	0.884721404	0.992886758

<i>Parp14</i>	0.121358015	0.179949517	0.67440034	0.500056827	0.9611436
<i>Dtx3l</i>	0.185259179	0.209715697	0.883382513	0.377029636	0.928883222
<i>Parp9</i>	0.068889571	0.123792963	0.556490205	0.577875789	0.971613657
<i>Kpna1</i>	-0.330649748	0.143699274	-2.300984127	0.021392528	0.60743619
<i>Wdr5b</i>	0.362350887	0.270496581	1.339576587	0.18038304	0.868087032
<i>Fam162a</i>	0.414434979	0.158662974	2.612045952	0.009000216	0.475600561
<i>Ccdc58</i>	0.220939752	0.208833105	1.057972831	0.290067829	0.907334416
<i>Stfa2l1</i>	0.28683321	0.687705727	0.417087133	0.676614676	0.983549699
<i>Gm5483</i>	0.891385687	0.863776337	1.031963541	0.302089198	0.911518274
<i>2010005H15Rik</i>	1.040542485	0.57696648	1.803471294	0.07131423	0.744227652
<i>Stfa1</i>	0.178533671	1.650066505	0.108197864	0.913838739	0.994688009
<i>Cd86</i>	0.25534986	0.178412087	1.431236331	0.152362494	0.852974739
<i>Ildr1</i>	-0.174967885	0.192134416	-0.910653535	0.362477953	0.926455466
<i>Slc15a2</i>	-0.125867585	0.151912184	-0.828554903	0.407356315	0.939557159
<i>Eaf2</i>	0.033417624	0.44745728	0.074683385	0.940466628	0.994688009
<i>Iqcb1</i>	0.091271594	0.171927601	0.530872262	0.5955073	0.974001549
<i>4930565N06Rik</i>	-0.098662597	2.633992543	-0.037457432	0.970120281	0.996628386
<i>Golgb1</i>	-0.048243836	0.174278347	-0.276820595	0.781917866	0.990988839
<i>Hcls1</i>	0.111394341	0.289839112	0.38433164	0.70073266	0.988482081
<i>Fbxo40</i>	0.087606281	1.564502196	0.055996266	0.955344782	0.99614946
<i>Polq</i>	0.060896147	1.172564728	0.051934145	0.958581167	0.996226826
<i>Gtf2e1</i>	0.007001752	0.14553263	0.048111216	0.961627608	0.996474415
<i>Rabl3</i>	-0.036012819	0.235272771	-0.15306837	0.878344359	0.992886758
<i>Hgd</i>	-0.026099989	1.881404088	-0.013872612	0.988931612	0.998182772
<i>Ndufb4</i>	0.211741875	0.297983762	0.710581924	0.477343347	0.95716557
<i>Fstl1</i>	-0.109869713	0.103789949	-1.058577589	0.289792198	0.907334416
<i>Lrrc58</i>	0.135266142	0.214506916	0.630591053	0.52830795	0.965637248
<i>Gpr156</i>	0.868691038	1.18375611	0.733842918	0.46304448	0.953083512
<i>BC031361</i>	0.075497796	0.839410217	0.089941479	0.928333719	0.994688009
<i>Gsk3b</i>	-0.050922159	0.201238303	-0.253044067	0.80023416	0.990988839
<i>Nr1i2</i>	-0.039411381	0.390783617	-0.100852182	0.919667802	0.994688009
<i>Maats1</i>	-0.114370504	0.250977367	-0.455700469	0.648605385	0.979004493
<i>Cox17</i>	0.273289568	0.171613486	1.592471397	0.111278825	0.800726918
<i>Popdc2</i>	0.111258851	0.259213263	0.429217431	0.667764999	0.981863224
<i>Pla1a</i>	-0.763870921	0.622135632	-1.227820562	0.219514335	0.888847883
<i>Adprh</i>	-0.077002817	0.117089958	-0.657638096	0.510770709	0.963452765
<i>Cd80</i>	-0.579834019	0.650435604	-0.891454919	0.372685166	0.928840865
<i>Timmdc1</i>	0.33555287	0.171787605	1.953300821	0.05078396	0.707153766
<i>Poglut1</i>	0.140554666	0.122994014	1.142776479	0.253131407	0.897044747
<i>Tmem39a</i>	-0.245429865	0.132913318	-1.846540805	0.06481372	0.733548823
<i>Arhgap31</i>	0.004682885	0.164878385	0.028402052	0.977341487	0.997262526
<i>B4galt4</i>	-0.033791324	0.151685423	-0.222772387	0.82371266	0.992886758
<i>Upk1b</i>	0.037552586	0.179571007	0.209123881	0.834351532	0.992886758
<i>Igsf11</i>	-0.155359022	0.477142781	-0.325602792	0.744724899	0.988585656
<i>Lsamp</i>	0.519691896	0.908371456	0.572113856	0.567244843	0.970899103
<i>Gap43</i>	-0.038516016	0.227050348	-0.169636454	0.865296052	0.992886758
<i>Gm19522</i>	-0.536591659	0.51036691	-1.051384108	0.293082212	0.907334416
<i>Zbtb20</i>	0.211115569	0.513014522	0.411519675	0.680691518	0.984226822
<i>BC002163</i>	0.652765805	0.403226872	1.618854918	0.105478483	0.793982106
<i>Mir568</i>	0.599646143	1.981942876	0.302554705	0.762229237	0.989285682
<i>Tigit</i>	-0.401049391	1.605435908	-0.249807164	0.80273648	0.990988839
<i>Qtrtd1</i>	0.166629652	0.192526893	0.865487669	0.386771181	0.932626359
<i>2610015P09Rik</i>	0.276372382	0.29734616	0.929463431	0.352648968	0.923348232
<i>Zdhhc23</i>	-0.776514233	0.855704141	-0.907456439	0.364165475	0.926556975
<i>Gramd1c</i>	-0.31354044	0.197317365	-1.589015948	0.112056792	0.801067615
<i>Atp6v1a</i>	-0.197727792	0.111511271	-1.773164177	0.076201506	0.752876039
<i>Naa50</i>	0.00393792	0.098065577	0.04015599	0.967968764	0.996474415
<i>Gm608</i>	0.116657047	0.275172316	0.423941802	0.671608257	0.982910363
<i>Sidt1</i>	0.011955433	0.458112423	0.02609716	0.979179842	0.997262526
<i>Spice1</i>	-0.151903071	0.193444763	-0.785252951	0.432305275	0.9459793
<i>Cfap44</i>	-0.276888792	0.220686945	-1.254667747	0.209599399	0.884258007
<i>Boc</i>	0.203671781	0.181740552	1.120673278	0.262426961	0.897248195

<i>BC027231</i>	-0.209786422	0.202330336	-1.036851051	0.299805279	0.910174935
<i>Gtpbp8</i>	0.053736621	0.178272216	0.301430151	0.763086506	0.989285682
<i>Cd200r1</i>	-0.085162068	0.262186514	-0.32481483	0.74532122	0.988585656
<i>Cd200r4</i>	-0.033954419	0.233063405	-0.145687476	0.884168109	0.992886758
<i>Cd200r3</i>	-0.106298334	1.118620327	-0.095026285	0.924293949	0.994688009
<i>Ccdc80</i>	-0.294068915	0.2329256	-1.262501485	0.206768392	0.883765092
<i>Slc35a5</i>	-0.038505768	0.139314494	-0.276394559	0.782245035	0.990988839
<i>Atg3</i>	0.110310932	0.130047893	0.84823314	0.396308144	0.934101786
<i>Btla</i>	0.20234277	0.24803857	0.815771396	0.414630896	0.943415794
<i>Cd200</i>	0.281383827	0.136141677	2.0668456	0.038748705	0.679118604
<i>Gcsam</i>	-0.485796448	0.3744382	-1.297400874	0.194493292	0.879588734
<i>BC016579</i>	0.76085871	0.960600623	0.792065601	0.428322426	0.945321484
<i>Tmprss7</i>	2.29788997	2.185323649	1.051510137	0.293024356	0.907334416
<i>Tagln3</i>	0.661851832	1.268284282	0.52184817	0.601776048	0.974001549
<i>Abhd10</i>	0.317392441	0.139589613	2.273754001	0.022980781	0.620006604
<i>Phldb2</i>	-0.193608711	0.14017248	-1.381217707	0.167212032	0.860403806
<i>Plcxd2</i>	0.034654486	0.737856567	0.046966426	0.962539986	0.996474415
<i>Cd96</i>	0.57893333	0.570399945	1.014960354	0.310124726	0.914704835
<i>Gm4737</i>	0.420451097	0.937627487	0.448420191	0.653849973	0.979133069
<i>Pvrl3</i>	-0.202760193	0.108519431	-1.868422928	0.061703144	0.725730283
<i>Dppa2</i>	-1.313763582	0.982338073	-1.337384367	0.181097205	0.868087032
<i>Morc1</i>	0.364589787	0.935845348	0.389583373	0.696844649	0.987518602
<i>Trat1</i>	0.566396939	0.528346061	1.072018855	0.283711563	0.905916508
<i>Retnla</i>	-1.217157044	0.766336695	-1.588279736	0.112223098	0.801274176
<i>Retnlg</i>	-0.327678927	0.431067039	-0.760157695	0.447160329	0.948476747
<i>Dzip3</i>	-0.348395805	0.204344651	-1.704942129	0.088205218	0.7676581
<i>C330027C09Rik</i>	-0.221470997	0.276546468	-0.80084551	0.423221089	0.943509323
<i>Ift57</i>	0.059604286	0.118437493	0.503255211	0.614784852	0.974001549
<i>Cd47</i>	0.264266081	0.141371447	1.869303078	0.06158066	0.725730283
<i>Gm4827</i>	0.217031656	1.946808742	0.111480728	0.911235147	0.994688009
<i>Bbx</i>	-0.229744254	0.229442656	-1.001314482	0.316674794	0.91640698
<i>G730013B05Rik</i>	-1.29299878	1.695183841	-0.762748411	0.445613453	0.948476747
<i>4930542D17Rik</i>	2.18459082	1.601827478	1.363811553	0.172626883	0.86244803
<i>5330426P16Rik</i>	-0.037569618	0.169773659	-0.221292388	0.824864776	0.992886758
<i>Cblb</i>	-0.207763768	0.24833886	-0.836614001	0.402809573	0.937834293
<i>Alcam</i>	-0.04767242	0.093722394	-0.508655595	0.610993653	0.974001549
<i>Zpld1</i>	2.677350021	2.273645406	1.177558301	0.238972742	0.896609492
<i>Nfkbiz</i>	0.369637144	0.271327454	1.362328578	0.173094212	0.863084695
<i>Nxpe3</i>	0.068675527	0.317288701	0.216444918	0.828640957	0.992886758
<i>Cep97</i>	0.032930428	0.267196859	0.123244068	0.90191383	0.994688009
<i>Rpl24</i>	0.255137767	0.144306741	1.768023907	0.077056907	0.752876039
<i>Zbtb11os1</i>	0.867371777	0.469208103	1.848586527	0.06451754	0.73299549
<i>Zbtb11</i>	-0.151439493	0.12245737	-1.236671119	0.216209205	0.887633697
<i>Pcnp</i>	0.344291925	0.125447407	2.744512093	0.006060092	0.427133716
<i>Trmt10c</i>	-0.009382441	0.145639843	-0.064422215	0.948634041	0.99560893
<i>Senp7</i>	-0.365538191	0.189284075	-1.931161882	0.053463036	0.707153766
<i>Impg2</i>	0.21004229	0.668661118	0.314123678	0.753427106	0.988585656
<i>Abi3bp</i>	0.239358485	0.222606391	1.075254323	0.28226088	0.90579922
<i>Tfg</i>	-0.405481892	0.162226025	-2.499487321	0.012437315	0.525888996
<i>Adgrg7</i>	2.628644106	3.321032784	0.791514049	0.428644081	0.945321484
<i>Tmem45a</i>	-0.099120081	0.214980986	-0.461064407	0.644752397	0.978970741
<i>Tomm70a</i>	-0.076912066	0.095489168	-0.8054533	0.420558145	0.943415794
<i>Nit2</i>	0.189273476	0.206465253	0.91673283	0.359282658	0.925229839
<i>Tbc1d23</i>	-0.047213358	0.122836742	-0.384358601	0.70071268	0.988482081
<i>Cmss1</i>	0.398370384	0.18094241	2.201641856	0.027690617	0.637644759
<i>Filip1l</i>	-0.317369315	0.163764323	-1.937963708	0.05262765	0.707153766
<i>Col8a1</i>	-0.445980009	0.371822005	-1.199444903	0.230354996	0.895404344
<i>Dcblid2</i>	-0.318969196	0.166751414	-1.912842525	0.055768215	0.715507996
<i>St3gal6</i>	0.003412051	0.123081876	0.027721801	0.977884036	0.997262526
<i>Cpox</i>	-0.174394764	0.155749917	-1.119710163	0.262837293	0.897248195
<i>Gpr15</i>	1.142842809	1.268469373	0.900962083	0.36760848	0.928436166
<i>Cldnd1</i>	0.105322949	0.118618495	0.887913387	0.374587343	0.928883222

<i>Mina</i>	0.090711253	0.239797814	0.378282233	0.705220942	0.988585656
<i>Crybg3</i>	0.03476388	0.160120578	0.217110633	0.828122128	0.992886758
<i>Arl6</i>	-0.028737917	0.145501966	-0.197508788	0.843429405	0.992886758
<i>Nsun3</i>	0.084138319	0.309012008	0.272281714	0.785405415	0.990988839
<i>Arl13b</i>	-0.134485418	0.128220398	-1.048861337	0.294241942	0.907334416
<i>Stx19</i>	0.148254959	0.206009613	0.719650685	0.471740097	0.95486913
<i>Pros1</i>	-0.128184757	0.142506725	-0.899499702	0.368386554	0.928436166
<i>Epha3</i>	-0.582157643	0.365923263	-1.590928213	0.111625732	0.800752782
<i>4930453N24Rik</i>	-0.233431641	0.13034097	-1.790930669	0.073304421	0.748833631
<i>Zfp654</i>	-0.24446447	0.144774628	-1.68858641	0.091298717	0.771949327
<i>Cggbp1</i>	-0.11377514	0.105585653	-1.077562503	0.281229044	0.904300139
<i>Chmp2b</i>	0.098649799	0.106941336	0.922466488	0.356285303	0.924354588
<i>Vgll3</i>	0.023707038	0.249553624	0.09499777	0.924316598	0.994688009
<i>Cadm2</i>	-0.127416108	0.374607762	-0.340132055	0.733757083	0.988585656
<i>Gbe1</i>	-0.04087039	0.160984145	-0.253878353	0.799589539	0.990988839
<i>Robo1</i>	0.131077048	0.469616836	0.279114883	0.780156662	0.990988839
<i>Robo2</i>	-0.037469534	0.199733313	-0.187597818	0.851191937	0.992886758
<i>Rbm11</i>	1.431920949	0.831916815	1.721230925	0.085208928	0.761635307
<i>Hspa13</i>	-0.172957744	0.121801372	-1.419998318	0.155608171	0.855261441
<i>Samsn1</i>	0.353114037	0.156939414	2.250002261	0.024448802	0.626649273
<i>Nrip1</i>	-0.500850385	0.489495649	-1.023196807	0.306214802	0.91333012
<i>Usp25</i>	-0.139394677	0.146617917	-0.95073426	0.341739292	0.919850248
<i>Mir99ahg</i>	0.351904488	0.327574915	1.074271785	0.282700887	0.905916508
<i>E330011O21Rik</i>	-0.031523105	0.497228806	-0.063397584	0.949449911	0.995624732
<i>Cxadr</i>	-0.171792169	0.108876738	-1.577859248	0.114597949	0.809432539
<i>Btg3</i>	0.39615152	0.256571008	1.544022932	0.122582777	0.817788082
<i>D16Ertd472e</i>	0.007529411	0.208000489	0.036199008	0.971123677	0.996733101
<i>Chodl</i>	-0.977470668	1.53884972	-0.635195663	0.525300812	0.965637248
<i>Ncam2</i>	-0.308630444	1.146314175	-0.269237222	0.787747138	0.990988839
<i>Mir155hg</i>	0.212091441	0.748634483	0.283304398	0.776943507	0.990861469
<i>Mrpl39</i>	0.130941439	0.126998307	1.031048696	0.302517985	0.911518274
<i>Jam2</i>	-0.111152809	0.12459497	-0.892113135	0.372332295	0.928840865
<i>Atp5j</i>	0.260900822	0.148826664	1.753051608	0.079593149	0.75659671
<i>Gabpa</i>	0.019169416	0.158937472	0.120609794	0.904000111	0.994688009
<i>App</i>	-0.249170988	0.161127729	-1.546419033	0.1220034	0.816233249
<i>Gm10791</i>	0.492481161	1.522033046	0.323567982	0.746265132	0.988585656
<i>Cyyr1</i>	-0.159983239	0.279529663	-0.572330095	0.567098365	0.970862413
<i>Adamts1</i>	-0.117751158	0.260872077	-0.451375092	0.651719232	0.979004493
<i>Adamts5</i>	0.23275412	0.159328995	1.460839692	0.14405944	0.841934045
<i>N6amt1</i>	0.079624664	0.164151173	0.485069117	0.627627318	0.976968316
<i>Ltn1</i>	-0.02381445	0.152622929	-0.156034552	0.876005786	0.992886758
<i>Rwdd2b</i>	0.302536014	0.209773302	1.442204568	0.149244672	0.848779008
<i>Usp16</i>	-0.15888497	0.115864662	-1.371297921	0.170282104	0.86207625
<i>Cct8</i>	-0.13999495	0.113019892	-1.238675307	0.215465767	0.887633697
<i>B130034C11Rik</i>	1.162512743	0.990914713	1.173171342	0.240727102	0.896939594
<i>Map3k7cl</i>	0.682237024	0.399846464	1.706247489	0.08796201	0.7667678
<i>Bach1</i>	-0.150385639	0.143752918	-1.046139735	0.295496522	0.908201248
<i>Cldn8</i>	-0.228404957	0.225804926	-1.011514499	0.311770245	0.914819219
<i>Tiam1</i>	-0.126935217	0.271286669	-0.467900681	0.639855617	0.977843986
<i>Sod1</i>	0.224172496	0.119366754	1.878014505	0.060379181	0.725221283
<i>Scaf4</i>	-0.101392167	0.249395293	-0.406552049	0.684337021	0.985105247
<i>Hunk</i>	0.20719314	0.312703633	0.66258629	0.507595553	0.963011338
<i>Mis18a</i>	0.069046274	0.164934723	0.418627881	0.67548811	0.983549699
<i>Mrap</i>	-0.449503318	0.460247216	-0.976656246	0.328739363	0.917115058
<i>Urb1</i>	-0.31841552	0.357633347	-0.890340686	0.373282981	0.928840865
<i>Eva1c</i>	-0.32511586	0.260745439	-1.246870746	0.212444895	0.884945675
<i>1110004E09Rik</i>	0.076099344	0.112178853	0.678375131	0.497533873	0.960690117
<i>Synj1</i>	-0.342767509	0.183805625	-1.864836885	0.062204271	0.726656275
<i>4930404I05Rik</i>	-0.315392273	0.679757338	-0.463977739	0.642663694	0.978681333
<i>Paxbp1</i>	-0.126008865	0.141548158	-0.890219039	0.373348284	0.928840865
<i>4932438H23Rik</i>	0.075437384	1.457347195	0.051763495	0.958717143	0.996226826
<i>Ifnar2</i>	0.057189237	0.115082055	0.496943131	0.619229155	0.974471036

<i>Il10rb</i>	0.044559138	0.100457102	0.443563841	0.657357953	0.979614766
<i>A930006K02Rik</i>	0.83433474	0.295557814	2.822915521	0.004758911	0.391906015
<i>Ifnar1</i>	-0.067094375	0.140795254	-0.476538614	0.633690705	0.977034429
<i>Ifngr2</i>	-0.129878237	0.136821248	-0.949254878	0.342490997	0.919850248
<i>Tmem50b</i>	-0.240529238	0.084276916	-2.854034647	0.004316782	0.385355746
<i>Dnajc28</i>	-0.496926671	0.301388848	-1.648789179	0.099190833	0.788456049
<i>Gart</i>	-0.11157381	0.130199613	-0.856944255	0.391475693	0.933734231
<i>Son</i>	-0.188105921	0.126491117	-1.487107753	0.136986354	0.833085238
<i>Donson</i>	0.315973727	0.253295661	1.247450213	0.212232465	0.884945675
<i>Gm10785</i>	0.523813715	0.945039682	0.554276953	0.579389321	0.971613657
<i>Cryz1</i>	0.2042704	0.159030032	1.284476886	0.198975146	0.880661448
<i>Itsn1</i>	0.028841002	0.256772456	0.112321244	0.910568698	0.994688009
<i>Atp5o</i>	0.002975619	0.163527243	0.018196473	0.985482116	0.998148029
<i>Slc5a3</i>	-0.635107138	0.317633679	-1.999495579	0.04555476	0.69515685
<i>Mrps6</i>	-0.125598287	0.193245217	-0.649942537	0.51572934	0.964352198
<i>Kcne2</i>	0.094939524	0.176858509	0.53681061	0.591398442	0.974001549
<i>Smim11</i>	0.255929526	0.173231451	1.477384876	0.139572498	0.836535783
<i>1700048M11Rik</i>	-0.862181381	2.326444623	-0.370600431	0.710935161	0.988585656
<i>Rcan1</i>	-0.046139717	0.112691048	-0.409435518	0.682220079	0.984738223
<i>Clic6</i>	-0.106581517	0.164667138	-0.647254319	0.517467361	0.964352198
<i>Runx1</i>	-0.112152425	0.188683984	-0.594392924	0.55224934	0.968926429
<i>1700029J03Rik</i>	0.816743917	1.357075155	0.601841331	0.54727976	0.968115622
<i>Setd4</i>	0.096297961	0.274891725	0.350312333	0.726104311	0.988585656
<i>Cbr1</i>	0.257358439	0.201460541	1.277463257	0.201438744	0.881220006
<i>Cbr3</i>	0.649477126	0.412096698	1.576030892	0.115018684	0.81007959
<i>Dopey2</i>	0.024835363	0.237593563	0.10452877	0.916749738	0.994688009
<i>Morc3</i>	-0.038610527	0.145745053	-0.264918268	0.791072425	0.990988839
<i>Chaf1b</i>	0.463901536	0.331208354	1.400633562	0.161323679	0.857316691
<i>Hlcs</i>	0.241218533	0.260586058	0.925677049	0.354613839	0.924354588
<i>Ripply3</i>	0.111920681	0.144429951	0.774913237	0.43839093	0.947776577
<i>Pigp</i>	0.149525563	0.200344358	0.746342768	0.455460382	0.951224746
<i>Ttc3</i>	-0.381202385	0.160469479	-2.375544482	0.01752308	0.579835303
<i>Dscr3</i>	0.126225312	0.111854488	1.128477845	0.259118168	0.897248195
<i>Dyrk1a</i>	-0.052698297	0.146119974	-0.360650876	0.718360452	0.988585656
<i>Kcnj15</i>	-0.065580584	0.199926252	-0.328023876	0.74289361	0.988585656
<i>Erg</i>	0.01908109	0.213829695	0.089234986	0.928895162	0.994688009
<i>Ets2</i>	-0.010391317	0.136784418	-0.075968576	0.939444098	0.994688009
<i>1600002D24Rik</i>	-0.62429552	1.326073629	-0.47078496	0.637794306	0.977496258
<i>Psmg1</i>	0.364570596	0.187939626	1.939828249	0.052400566	0.707153766
<i>Brwd1</i>	-0.033460137	0.172040325	-0.194490081	0.845792161	0.992886758
<i>Hmgn1</i>	0.137705799	0.113129615	1.217239177	0.223513228	0.892989918
<i>Wrb</i>	-0.011992666	0.13051244	-0.091889066	0.926786179	0.994688009
<i>Lca5l</i>	0.181569486	0.556455053	0.326296769	0.744199832	0.988585656
<i>Sh3bgr</i>	0.260799027	0.283735816	0.91916146	0.358011126	0.924354588
<i>Igsf5</i>	-0.042870817	0.137931903	-0.310811468	0.755943951	0.989266039
<i>Itgb2l</i>	-0.092654284	1.153654249	-0.080313737	0.935987733	0.994688009
<i>Pcp4</i>	1.240767597	0.84455606	1.469135865	0.141795942	0.840741274
<i>Bace2</i>	-0.178537454	0.169251322	-1.054865935	0.291486644	0.907334416
<i>Mx1</i>	0.751380714	0.339266109	2.214723762	0.026779031	0.633489138
<i>Fam3b</i>	0.124589297	0.430478163	0.289420714	0.772259445	0.99050004
<i>Mx2</i>	-0.216245247	0.413134142	-0.523426233	0.600677673	0.974001549
<i>Tmprss2</i>	-0.191775586	0.114157204	-1.679925386	0.092971834	0.77525594
<i>Ripk4</i>	0.159715738	0.188005127	0.849528632	0.395587205	0.934066368
<i>Prdm15</i>	-0.532491042	0.313873976	-1.696512241	0.089788914	0.769347579
<i>C2cd2</i>	-0.073341348	0.260622914	-0.281407906	0.778397555	0.990988839
<i>Zbtb21</i>	-0.124105471	0.268785782	-0.461726325	0.644277591	0.97889195
<i>B230307C23Rik</i>	0.092788958	0.245722823	0.37761636	0.70571561	0.988585656
<i>A630089N07Rik</i>	0.518043253	0.596715766	0.868157476	0.38530813	0.931689378
<i>Pisd-ps2</i>	-0.321684563	0.18918702	-1.70035219	0.089064699	0.768297719
<i>Scaf8</i>	-0.184437283	0.137730314	-1.339119019	0.18053193	0.868087032
<i>Tiam2</i>	0.247132462	0.544989069	0.453463154	0.650215269	0.979004493
<i>Tfb1m</i>	0.086250586	0.240396661	0.358784458	0.71975634	0.988585656

1700102H20Rik	-0.663682269	1.004036893	-0.661013827	0.508603447	0.96333741
Arid1b	0.024675971	0.224611593	0.109860628	0.912519908	0.994688009
Tmem242	0.464588243	0.256287245	1.812763811	0.069868258	0.744227652
Zdhhc14	-0.13950645	0.253949954	-0.549346232	0.582767866	0.972086107
3300005D01Rik	-0.378480621	0.981248441	-0.385713347	0.699708977	0.988393777
Snx9	-0.22793722	0.155675219	-1.464184352	0.143143585	0.840741274
Synj2	-0.206638202	0.271028866	-0.762421379	0.44580855	0.948476747
Serac1	-0.745436521	0.55389603	-1.345805856	0.178365136	0.867377413
Gtf2h5	0.119057473	0.165608625	0.718908651	0.472197206	0.955003345
Tulp4	0.120754014	0.210904913	0.572551926	0.566948118	0.970862413
Tmem181a	-0.267194335	0.204188171	-1.308569119	0.190680347	0.877906723
Dynlt1a	0.697357028	0.253990552	2.745602234	0.006039995	0.427133716
Dynlt1b	0.471051401	0.378276108	1.245258137	0.213036879	0.884945675
Tmem181b-ps	0.182942291	0.249243883	0.733989091	0.462955387	0.953083512
Syt13	1.750702307	0.787161173	2.224070961	0.02614367	0.631530315
Ezr	-0.206171421	0.124036067	-1.66218928	0.096474829	0.781321691
Mir692-1	-0.899078694	0.431052262	-2.085776537	0.03699887	0.678243111
Rsph3b	-0.277756582	0.21728068	-1.278330786	0.201132817	0.881109608
Tagap1	-0.119225764	0.139100459	-0.857119845	0.391378655	0.933734231
Rnaset2b	0.708238784	0.144884998	4.888282381	1.02E-06	0.002075969
Rps6ka2	-0.212962247	0.207849923	-1.024596227	0.305553745	0.91333012
Fndc1	0.11241519	0.364908068	0.308064414	0.758033319	0.989266039
Tagap	0.060640475	0.312168862	0.194255359	0.845975938	0.992886758
Rsph3a	-0.186800233	0.181324842	-1.030196584	0.302917733	0.911623139
Fgfr1op	-0.087699793	0.142813531	-0.614086024	0.539158483	0.966900344
Ccr6	-0.323370641	1.342799045	-0.240818343	0.809695912	0.991295569
Mpc1	0.209384031	0.205283169	1.019976609	0.307739554	0.9139204
4930506C21Rik	-0.190524145	0.957543178	-0.198971858	0.842284759	0.992886758
Sft2d1	0.419012541	0.154249012	2.716468233	0.006598253	0.434393837
Prr18	-0.315898264	0.191040024	-1.653571111	0.098214687	0.786907305
T2	0.056603073	0.296538391	0.190879409	0.848620073	0.992886758
Gm16702	2.148684588	1.462189112	1.469498419	0.14169765	0.840741274
Pde10a	-0.448976468	1.198041348	-0.374758741	0.707839901	0.988585656
1700010I14Rik	0.315569256	0.404624579	0.779906294	0.435446033	0.946762848
Qk	-0.090713705	0.097884732	-0.926740081	0.354061502	0.924354588
Cahm	0.211926854	0.522493939	0.40560634	0.685031869	0.985159458
Pacrg	-0.448369231	0.216045387	-2.075347396	0.03795435	0.679118604
Park2	0.165256011	0.246856652	0.669441191	0.503214083	0.961729397
Agpat4	0.011890056	0.146762623	0.081015557	0.93542958	0.994688009
Map3k4	0.168778635	0.217191137	0.777097247	0.437101398	0.94702277
4732491K20Rik	0.787878881	0.419433757	1.878434599	0.060321736	0.725221283
Slc22a3	-0.589224096	0.389343102	-1.513380081	0.130183142	0.827800491
Slc22a1	0.423192802	0.459333889	0.921318483	0.356884174	0.924354588
Igf2r	0.290289613	0.206398542	1.406451858	0.15958999	0.856630464
Airn	0.528607814	0.256719186	2.059089631	0.039485653	0.679118604
Pnlnc1	-0.654432601	1.682188672	-0.389036385	0.697249231	0.987548136
Mrpl18	0.194889626	0.161670867	1.205471517	0.228021327	0.894410876
Tcp1	-0.022389754	0.108102456	-0.207116053	0.835919225	0.992886758
Acat3	-0.358131849	0.905895901	-0.39533444	0.692596085	0.986599035
Acat2	-0.005087117	0.158834447	-0.032027792	0.974449888	0.997262526
Wtap	0.213492323	0.137147002	1.556667809	0.119549375	0.81558552
Sod2	0.060886603	0.098524822	0.617982367	0.536586962	0.96674935
Tcp10b	2.114169533	2.288846091	0.923683572	0.355651088	0.924354588
2700054A10Rik	0.740207811	0.643951735	1.149477159	0.25035928	0.896939594
Tcte2	-0.05516539	0.394193059	-0.139945107	0.888703362	0.992886758
Mllt4	0.047410666	0.154376633	0.307110377	0.758759359	0.989266039
Dact2	0.39175134	0.561949794	0.697128719	0.485722243	0.957710647
Smoc2	-0.075600204	0.218937925	-0.345304288	0.729865623	0.988585656
Thbs2	-0.755589949	0.607406193	-1.243961549	0.213513715	0.884945675
Wdr27	0.043584832	0.413873272	0.105309609	0.916130139	0.994688009
1600012H06Rik	0.074970426	0.119701627	0.626310838	0.531111079	0.966166773
Phf10	0.093595922	0.136869475	0.683833424	0.494080358	0.958916246

LOC106740	-0.350960354	0.340520598	-1.030658222	0.302701123	0.911518274
9030025P20Rik	0.018865962	0.486535253	0.038776146	0.969068864	0.996535072
Gm3435	1.051549229	0.72807007	1.444296741	0.148655522	0.84832848
Ermard	0.176723305	0.220162782	0.802693822	0.422151725	0.943415794
Dll1	-0.360824448	0.262928863	-1.372327264	0.169961582	0.861730117
Fam120b	-0.035369639	0.129460587	-0.273207775	0.784693504	0.990988839
Psemb1	0.07874361	0.144723356	0.544097456	0.586374411	0.972904784
Tbp	-0.147492709	0.139899047	-1.054279582	0.291754934	0.907334416
Pdcd2	0.199045535	0.205642867	0.967918498	0.333085075	0.917233939
Prdm9	-0.047856065	0.612133743	-0.0781791	0.937685587	0.994688009
Chd1	0.056209038	0.152455273	0.368691986	0.712357323	0.988585656
Rgmb	-0.345343275	0.219813943	-1.57107084	0.116166195	0.811920148
Zfp960	0.115451008	0.253144677	0.456067293	0.648341589	0.979004493
Zfp97	0.100930775	0.197168599	0.511900856	0.608720399	0.974001549
Riok2	0.109578757	0.139015665	0.788247543	0.430551925	0.945321484
Lix1	0.508096472	0.381971628	1.330194275	0.18345427	0.869576666
Lnpep	-0.38930984	0.226363344	-1.719844887	0.085460641	0.761635307
Spaca6	0.666704648	0.378948341	1.75935497	0.078517235	0.754732183
Has1	-0.413299462	0.519772381	-0.79515472	0.426523508	0.944290206
Fpr1	-0.105928375	0.26033299	-0.406895704	0.684084591	0.985105247
Fpr2	0.189742465	0.274815194	0.690436589	0.489919674	0.958560421
Ppp2r1a	0.018325814	0.180875868	0.101317074	0.919298763	0.994688009
Zfp160	0.173345697	0.161925888	1.070524911	0.284383102	0.905916508
Zfp677	0.208163405	0.190711723	1.091508176	0.275049336	0.900302631
Zfp54	0.013543196	0.184013316	0.073599	0.941329467	0.994688009
Zfp51	-0.02951292	0.165398292	-0.17843546	0.858381003	0.992886758
Zfp53	0.167377562	0.236999911	0.706234705	0.480042191	0.957463006
9330136K24Rik	-0.661306471	0.717093262	-0.922204274	0.356422034	0.924354588
Zfp52	0.185142694	0.196871702	0.94042309	0.347000583	0.921552698
Zfp948	-0.035940911	0.188241283	-0.190930013	0.848580426	0.992886758
3110052M02Rik	0.136698093	0.176337419	0.77520752	0.438217046	0.947776577
Gm10509	-0.005174556	0.216935161	-0.023853006	0.98096986	0.997340737
Zfp760	0.068900403	0.184226932	0.373997449	0.708406214	0.988585656
Zfp229	-0.30871431	0.190283449	-1.622391816	0.10471948	0.793021779
Zfp820	0.001302499	0.186861795	0.006970389	0.994438479	0.999285699
2210404O09Rik	0.124740318	0.240110568	0.519511985	0.603403757	0.974001549
Zfp942	0.067880378	0.159331726	0.426031777	0.670084691	0.982177283
Zfp943	0.097015217	0.158191515	0.613277	0.539693199	0.966900344
Zfp947	0.043585738	0.297093664	0.146707059	0.883363247	0.992886758
Gm4944	0.165532783	0.17609581	0.940015459	0.347209631	0.921552698
Zfp944	0.003477159	0.191521586	0.018155443	0.985514848	0.998148029
Zfp758	-0.154204044	0.159084927	-0.969319011	0.332386047	0.917115058
Zfp946	0.062480824	0.19695531	0.317233511	0.751066424	0.988585656
Gm16386	0.408230544	0.465291973	0.877364252	0.380288823	0.929640874
Zfp945	0.351143896	0.156702191	2.24083591	0.025036706	0.627917508
Zfp40	0.231486538	0.197611433	1.171422798	0.241428873	0.896939594
6330415G19Rik	0.335874832	0.52103733	0.644627193	0.519168808	0.96446859
Zfp213	-0.156742683	0.361014595	-0.434172704	0.664163033	0.981154469
Zfp13	-0.310824238	0.362794171	-0.856750915	0.391582558	0.933734231
Zscan10	4.698681725	1.858472319	2.528249508	0.011463285	0.514178739
Mmp25	-0.921820481	1.318485553	-0.699150991	0.484457675	0.957710647
Ccdc64b	-0.050595134	0.381290916	-0.132694308	0.894435144	0.993556555
Thoc6	0.058069461	0.170937907	0.339710846	0.734074293	0.988585656
Hcfc1r1	-0.061279356	0.119330296	-0.513527224	0.607582572	0.974001549
Tnfrsf12a	0.020876745	0.152617051	0.136791697	0.891195447	0.993043931
Pkmyt1	0.273972399	0.503341336	0.54430737	0.586229976	0.972904784
Paqr4	0.077882193	0.263633571	0.295418342	0.767674323	0.989990452
Kremen2	1.895622829	0.738958599	2.565262563	0.010309776	0.499527467
9530082P21Rik	0.099351243	0.193304472	0.513962465	0.607278234	0.974001549
Flywch1	0.10502375	0.335404663	0.313125493	0.754185322	0.988804605
Flywch2	0.44035123	0.228539996	1.926801596	0.054004361	0.707153766
Srrm2	0.260724559	0.172968837	1.507349904	0.131720992	0.827800491

<i>Mir5125</i>	0.32277883	0.481836316	0.669893114	0.50292593	0.961729397
<i>Tceb2</i>	0.030923475	0.133156147	0.232234679	0.816355744	0.992676801
<i>Prss41</i>	0.541959536	1.346184078	0.402589471	0.687250257	0.98538669
<i>Prss30</i>	-0.587796209	0.525561861	-1.118414887	0.263389839	0.897248195
<i>Prss22</i>	-1.613112853	1.827098609	-0.882882207	0.377299918	0.928883222
<i>Kctd5</i>	-0.176472911	0.13011957	-1.356236506	0.17502393	0.864111192
<i>Pdpk1</i>	-0.441260552	0.165670751	-2.663478909	0.007733726	0.45506991
<i>Amdhd2</i>	0.141170961	0.192017457	0.735198578	0.462218565	0.953083512
<i>Tbc1d24</i>	-0.051625317	0.250057249	-0.206453992	0.8364363	0.992886758
<i>Ntn3</i>	0.252120487	0.495716279	0.508598362	0.611033778	0.974001549
<i>1600002H07Rik</i>	0.075388215	0.292656043	0.257600062	0.796715582	0.990988839
<i>Ccnf</i>	-0.600141768	0.6017731	-0.997289124	0.318624191	0.91640698
<i>Abca17</i>	-0.007874481	0.484218733	-0.016262239	0.987025182	0.998148029
<i>Abca3</i>	-0.09221466	0.238490287	-0.386660023	0.699007916	0.987770663
<i>D330041H03Rik</i>	0.264849264	0.77086475	0.343574232	0.731166506	0.988585656
<i>Rnps1</i>	-0.08305835	0.166934589	-0.497550272	0.618801061	0.974471036
<i>Eci1</i>	0.305555933	0.117635663	2.597477026	0.00939114	0.478229167
<i>Dnase1l2</i>	0.157720835	0.452993685	0.348174467	0.727709162	0.988585656
<i>E4f1</i>	0.031717699	0.211183473	0.150190252	0.880614517	0.992886758
<i>Pgp</i>	0.057865998	0.150615623	0.384196518	0.700832799	0.988482081
<i>MIst8</i>	-0.063984248	0.238031006	-0.26880636	0.788078699	0.990988839
<i>Caskin1</i>	0.24442441	1.166516396	0.209533626	0.834031688	0.992886758
<i>Traf7</i>	-0.126738129	0.127868514	-0.991159787	0.321607563	0.91640698
<i>Rab26os</i>	0.311423367	0.50971041	0.610980982	0.541212171	0.967217841
<i>Rab26</i>	0.383649	0.727923482	0.527045782	0.598161796	0.974001549
<i>Pkd1</i>	-0.150522212	0.238319313	-0.631598882	0.527649017	0.965637248
<i>Tsc2</i>	0.266943601	0.260370811	1.025243958	0.305248092	0.912948451
<i>Nthl1</i>	0.663758874	0.203844661	3.256199455	0.001129144	0.242572819
<i>Slc9a3r2</i>	0.00633242	0.150004562	0.042214847	0.966327427	0.996474415
<i>Npw</i>	0.1003668	0.172308344	0.582483689	0.560240925	0.968926429
<i>Zfp598</i>	-0.164424449	0.181091575	-0.907962999	0.363897771	0.926455466
<i>Syng3</i>	-1.012681053	1.372815845	-0.737667078	0.460716783	0.953083512
<i>Gfer</i>	0.085180401	0.178080772	0.478324525	0.632419244	0.977034429
<i>Noxo1</i>	0.036032413	0.325134827	0.110822988	0.911756716	0.994688009
<i>Tbl3</i>	-0.203843646	0.201348922	-1.012390054	0.311351592	0.914819219
<i>Rps2</i>	0.200183149	0.121716094	1.644672806	0.100037304	0.788783372
<i>Ndufb10</i>	0.244244804	0.144839919	1.686308626	0.091736371	0.772516176
<i>Rpl3l</i>	0.612309416	0.40636351	1.506802162	0.131861375	0.827800491
<i>Msrb1</i>	0.088018064	0.112880074	0.779748459	0.435538949	0.946762848
<i>Hs3st6</i>	0.226611943	0.331385235	0.683832347	0.494081038	0.958916246
<i>Meiob</i>	2.604655181	1.462379363	1.781107726	0.074894854	0.75241101
<i>Fahd1</i>	0.120973356	0.154602145	0.782481749	0.433931507	0.946679964
<i>Hagh</i>	0.11007037	0.131532323	0.836831337	0.40268738	0.937834293
<i>Igfals</i>	0.245773221	0.816325016	0.301072754	0.763359017	0.989285682
<i>Nubp2</i>	0.231886217	0.122470499	1.893404686	0.058304073	0.72285319
<i>Spsb3</i>	-0.081365281	0.122557136	-0.663896719	0.506756416	0.962854883
<i>Eme2</i>	0.287221375	0.222856218	1.288819207	0.197460947	0.87989762
<i>Mrps34</i>	-0.02741124	0.146174319	-0.18752432	0.851249557	0.992886758
<i>Nme3</i>	0.341865402	0.252714212	1.352774738	0.176127605	0.865308446
<i>Mapk8ip3</i>	-0.229475286	0.200735222	-1.143174	0.252966355	0.897044747
<i>Hn1l</i>	-0.033258748	0.156206727	-0.212914953	0.831393299	0.992886758
<i>Cramp1l</i>	-0.152780261	0.341197386	-0.447776762	0.654314316	0.979133069
<i>Ift140</i>	-0.266869561	0.195889767	-1.362345593	0.173088845	0.863084695
<i>Tmem204</i>	-0.011697032	0.106959275	-0.109359682	0.912917211	0.994688009
<i>Telo2</i>	0.176114183	0.352365782	0.499805008	0.617212384	0.974001549
<i>Clcn7</i>	0.175116071	0.178184283	0.982780683	0.325715391	0.916443764
<i>Ccdc154</i>	-0.348452368	0.347947709	-1.001450387	0.316609114	0.91640698
<i>BC003965</i>	0.418294374	0.168601291	2.480967801	0.013102621	0.536156618
<i>Unkl</i>	-0.005023073	0.160965089	-0.031205977	0.975105274	0.997262526
<i>Gnptg</i>	0.064217176	0.09507217	0.675457139	0.499385374	0.960700483
<i>Tsr3</i>	0.222788506	0.157364397	1.415749121	0.156848971	0.855906801
<i>Baiap3</i>	0.486356539	0.360835256	1.347863135	0.177702407	0.866855369

<i>Ube2i</i>	-0.109545189	0.093801818	-1.167836524	0.242872712	0.896939594
<i>Tpsb2</i>	-0.711632858	1.293665224	-0.550090429	0.582257351	0.972017845
<i>Cacna1h</i>	0.782672333	1.123971163	0.696345563	0.486212446	0.957736773
<i>Tekt4</i>	-0.171161334	0.148484871	-1.152719014	0.249025735	0.896939594
<i>Sox8</i>	-1.28296042	2.070024728	-0.619780239	0.535402481	0.96674935
<i>2810468N07Rik</i>	0.190366098	0.651803129	0.29206073	0.770240191	0.989990452
<i>Lmf1</i>	-0.435691691	0.283901468	-1.534658114	0.12486783	0.821400908
<i>Gng13</i>	-2.134513243	1.852300772	-1.152357801	0.249174074	0.896939594
<i>Chtf18</i>	0.711899821	0.853520704	0.83407446	0.404239026	0.938127315
<i>Rpusd1</i>	0.08518098	0.265473782	0.320864001	0.748313455	0.988585656
<i>Msln</i>	-0.37864599	0.260292728	-1.454692922	0.145754293	0.842832198
<i>Narfl</i>	0.119619119	0.125753214	0.951221172	0.341492113	0.919850248
<i>Haghl</i>	0.076929299	0.220756819	0.348479831	0.727479858	0.988585656
<i>Ccdc78</i>	-0.352743359	0.193568814	-1.822315027	0.068407199	0.743426713
<i>Fam173a</i>	0.096262277	0.125322592	0.768115911	0.442418325	0.948476747
<i>Metrn</i>	0.000361223	0.208611712	0.001731556	0.998618419	0.999720579
<i>Fbxl16</i>	-0.111288774	0.587303306	-0.189491142	0.849707897	0.992886758
<i>Wdr24</i>	0.102592553	0.156399304	0.655965534	0.5118463	0.963452765
<i>Jmjd8</i>	-0.127022576	0.3165829	-0.401230059	0.688250752	0.98538669
<i>Stub1</i>	0.222320276	0.135994901	1.634769206	0.102097438	0.78889961
<i>Rhbd11</i>	-0.06000409	0.428441391	-0.140052037	0.888618876	0.992886758
<i>Rhot2</i>	-0.182145208	0.206526974	-0.881943912	0.377807139	0.928883222
<i>Wdr90</i>	-0.090632349	0.283823363	-0.3193266	0.749478864	0.988585656
<i>Fam195a</i>	0.267195371	0.216445622	1.234468815	0.21702826	0.887633697
<i>0610011F06Rik</i>	0.116756758	0.12785827	0.913173296	0.361151406	0.926251807
<i>Wfikkn1</i>	1.329237744	1.794023243	0.740925598	0.458738554	0.952683168
<i>Rab40c</i>	0.01505719	0.122858478	0.122557195	0.902457752	0.994688009
<i>Gm10012</i>	-0.424073328	0.55703003	-0.761311428	0.446471076	0.948476747
<i>Pigq</i>	-0.312029671	0.153613571	-2.031263708	0.042228251	0.680982912
<i>Nhlrc4</i>	-0.216188593	0.224054012	-0.964894984	0.334597414	0.918030088
<i>Capn15</i>	0.389188161	0.418519887	0.929915575	0.352414798	0.923152465
<i>Rab11fip3</i>	-0.167819142	0.294660008	-0.569534846	0.56899323	0.97144955
<i>Decr2</i>	0.07360505	0.131920157	0.557951506	0.576877499	0.971613657
<i>Nme4</i>	0.855967465	0.30834653	2.775991882	0.005503358	0.416706681
<i>Tmem8</i>	-0.218524336	0.227676078	-0.959803675	0.337154032	0.919246575
<i>Mrpl28</i>	0.228336068	0.248268674	0.919713568	0.357722461	0.924354588
<i>Axin1</i>	0.062500577	0.161871458	0.386112395	0.69941343	0.988172644
<i>Pdia2</i>	0.825123312	0.439663439	1.876715777	0.060557059	0.725221283
<i>Arhgdig</i>	-0.169954342	0.161158839	-1.05457661	0.291619006	0.907334416
<i>Rgs11</i>	-0.017375145	0.190686654	-0.091118829	0.927398172	0.994688009
<i>Itfg3</i>	0.100255327	0.193566877	0.517936377	0.60450266	0.974001549
<i>Luc7l</i>	-0.004009753	0.122576064	-0.032712364	0.973903964	0.997262526
<i>Neurl1b</i>	0.146462065	0.408459206	0.358572074	0.719915241	0.988585656
<i>Dusp1</i>	0.114085109	0.43658082	0.261314981	0.793849615	0.990988839
<i>Ergic1</i>	-0.252507694	0.151121971	-1.670886715	0.094744056	0.777748075
<i>Atp6v0e</i>	0.181395863	0.141590745	1.281127965	0.200148723	0.880888611
<i>Crebrf</i>	-0.029409551	0.150096397	-0.195937752	0.844658888	0.992886758
<i>Bnip1</i>	0.101136578	0.151457564	0.667755215	0.504289858	0.96186221
<i>Nkx2-5</i>	-2.542898715	1.905642058	-1.334405223	0.182071089	0.868546072
<i>Kifc5b</i>	0.82374717	0.874503382	0.941959959	0.346213141	0.921552698
<i>Phf1</i>	-0.083581993	0.146148799	-0.571896544	0.567392066	0.970955746
<i>Cuta</i>	-0.02428636	0.124068187	-0.1957501	0.844805769	0.992886758
<i>Syngap1</i>	-0.474521874	0.385605829	-1.230587918	0.218477026	0.888436964
<i>Zbtb9</i>	-0.119951646	0.155903945	-0.769394555	0.44165912	0.948437255
<i>Ggnbp1</i>	0.020991621	0.370198789	0.056703646	0.95478127	0.996070133
<i>Bak1</i>	0.037928615	0.172974904	0.219272357	0.826437894	0.992886758
<i>Itpr3</i>	-0.209354586	0.216118681	-0.968701942	0.332693923	0.917115058
<i>Uqcc2</i>	0.481985969	0.300094387	1.606114575	0.108248738	0.797912932
<i>Ip6k3</i>	-0.406797541	0.424339437	-0.958660699	0.337729703	0.919246575
<i>Lemd2</i>	0.002826824	0.152125052	0.01858224	0.985174371	0.998148029
<i>9630028I04Rik</i>	-0.31047223	0.271117921	-1.145155692	0.252144669	0.896939594
<i>Grm4</i>	-0.159215831	1.272917724	-0.125079436	0.900460663	0.994688009

<i>Hmga1</i>	3.403422213	2.134825904	1.594238765	0.110882567	0.800111791
<i>Al413582</i>	0.539915447	0.297580563	1.814350511	0.06962378	0.743458111
<i>Nudt3</i>	0.128803692	0.124576621	1.033931488	0.301168193	0.911262619
<i>Rps10</i>	0.318631416	0.279133049	1.141503727	0.253660362	0.897044747
<i>Pacsin1</i>	1.458097696	1.206957461	1.208077122	0.227017599	0.89398447
<i>Spdef</i>	-0.642082276	0.440776244	-1.456707988	0.145197004	0.842729381
<i>D17Wsu92e</i>	0.067471172	0.149920156	0.45004737	0.652676284	0.979004493
<i>Snrpc</i>	0.108750182	0.118205534	0.920009229	0.357567936	0.924354588
<i>Uhrf1bp1</i>	0.083948467	0.383731193	0.218768942	0.826830042	0.992886758
<i>Taf11</i>	0.033222572	0.122596978	0.270990136	0.786398619	0.990988839
<i>Anks1</i>	-0.204603079	0.21528928	-0.950363526	0.34192757	0.919850248
<i>Tcp11</i>	-0.20659138	0.250836678	-0.82360914	0.410161681	0.940983181
<i>Zfp523</i>	-0.019318131	0.181119548	-0.10665956	0.915059066	0.994688009
<i>Def6</i>	0.084963106	0.432071754	0.196641196	0.84410833	0.992886758
<i>Ppard</i>	-0.1458714	0.348753511	-0.418265035	0.675753351	0.983549699
<i>Fance</i>	0.24843141	0.169452957	1.466078933	0.142626784	0.840741274
<i>Rpl10a</i>	0.2041528	0.19064759	1.070838608	0.284242004	0.905916508
<i>Tead3</i>	-0.095927116	0.265273653	-0.361615693	0.717639236	0.988585656
<i>Tulp1</i>	0.350566671	0.797626829	0.439512136	0.66029049	0.979924124
<i>Fkbp5</i>	-0.640568064	0.686279672	-0.933392159	0.350617527	0.922338606
<i>Clps</i>	-0.217051718	1.958339208	-0.110834587	0.911747518	0.994688009
<i>Srpk1</i>	-0.065432033	0.187984377	-0.348071655	0.727786371	0.988585656
<i>Slc26a8</i>	-2.439481388	2.069390949	-1.178840271	0.238461785	0.896609492
<i>Mapk14</i>	0.002424561	0.137609126	0.017619184	0.985942652	0.998148029
<i>Mapk13</i>	0.00284601	0.162880442	0.017473	0.986059272	0.998148029
<i>Brpf3</i>	-0.254075811	0.446577731	-0.568939725	0.569397045	0.97144955
<i>4930539E08Rik</i>	-2.524103562	2.117646508	-1.191938103	0.233285516	0.89581803
<i>Kctd20</i>	0.018913977	0.116698542	0.16207552	0.871246384	0.992886758
<i>Stk38</i>	-0.003126875	0.139704703	-0.022382029	0.982143216	0.997390438
<i>Srsf3</i>	0.161626597	0.110260607	1.465859856	0.142686471	0.840741274
<i>Trp53cor1</i>	0.613988873	0.652607626	0.940823933	0.346795094	0.921552698
<i>Cdkn1a</i>	-0.307272347	0.358954661	-0.856019938	0.391986751	0.933734231
<i>Rab44</i>	-0.62275365	0.367000485	-1.69687419	0.089720449	0.769347579
<i>Cpne5</i>	0.574162916	0.661401974	0.868099791	0.385339705	0.931689378
<i>Ppil1</i>	0.169963261	0.127781008	1.330113627	0.183480836	0.869576666
<i>BC004004</i>	0.042220672	0.125446364	0.336563539	0.736445946	0.988585656
<i>Pi16</i>	0.145201125	0.274339419	0.529275471	0.596614369	0.974001549
<i>Mtch1</i>	0.169030192	0.095260852	1.774393035	0.075998161	0.752876039
<i>Fgd2</i>	0.016985836	0.193775902	0.087657112	0.930149208	0.994688009
<i>Pim1</i>	0.165473623	0.174194132	0.949937984	0.342143765	0.919850248
<i>Tbc1d22b</i>	-0.209374179	0.228388844	-0.916744333	0.359276629	0.925229839
<i>Rnf8</i>	-0.115233298	0.361633022	-0.318647056	0.749994167	0.988585656
<i>Ccdc167</i>	-0.546636857	0.653393925	-0.836611478	0.402810992	0.937834293
<i>Mdga1</i>	1.422150006	1.230111208	1.156114989	0.247634126	0.896939594
<i>Zfand3</i>	-0.192683753	0.136785675	-1.408654481	0.158937361	0.855986074
<i>Btbd9</i>	0.043269025	0.211858931	0.204235077	0.838169802	0.992886758
<i>Gm6402</i>	0.766137075	0.575024559	1.332355397	0.182743431	0.869194833
<i>Glo1</i>	0.144821956	0.099709925	1.452432698	0.14638133	0.843780493
<i>1700097N02Rik</i>	-1.950010053	1.594888276	-1.222662479	0.221457204	0.891315805
<i>Dnah8</i>	0.385439115	0.285903249	1.348145276	0.177611662	0.866855369
<i>Glp1r</i>	-0.050761686	0.424231127	-0.119655733	0.904755868	0.994688009
<i>Abcg1</i>	-0.176818875	0.195783171	-0.903136232	0.366453597	0.927834635
<i>Tff2</i>	0.054823994	0.317538053	0.172653303	0.862923951	0.992886758
<i>Ubash3a</i>	-0.359846068	0.964616041	-0.373045909	0.709114275	0.988585656
<i>Rsph1</i>	0.149335293	0.139385331	1.071384573	0.283996546	0.905916508
<i>Slc37a1</i>	0.312275827	0.325006235	0.960830265	0.336637519	0.919242242
<i>Pde9a</i>	0.125821922	0.158606855	0.79329435	0.427606348	0.944982247
<i>Wdr4</i>	0.101074525	0.156685856	0.645077527	0.518876946	0.96446859
<i>Ndufv3</i>	0.230590541	0.127952265	1.802160677	0.07152013	0.744227652
<i>Pknox1</i>	-0.034986104	0.314023606	-0.111412339	0.911289376	0.994688009
<i>Cbs</i>	-0.522016756	0.511919539	-1.019724225	0.307859269	0.9139204
<i>U2af1</i>	0.209814448	0.126974601	1.652412729	0.098450442	0.786907305

<i>Cryaa</i>	0.147037274	0.384056787	0.382852951	0.701828798	0.988482081
<i>Sik1</i>	-0.09962905	0.23162753	-0.430126116	0.667103904	0.981863224
<i>Hsf2bp</i>	-0.085626346	0.477359402	-0.179375007	0.857643255	0.992886758
<i>Rrp1b</i>	0.1079163	0.327506167	0.329509215	0.74177083	0.988585656
<i>Pdxk-ps</i>	1.845251186	2.024934176	0.911264775	0.362155882	0.926455466
<i>Notch3</i>	0.449667786	0.201617081	2.230305997	0.025727135	0.631530315
<i>Ephx3</i>	0.446010804	0.55364311	0.805592621	0.420477782	0.943415794
<i>Brd4</i>	0.641928427	0.267961517	2.395599322	0.016593218	0.566772949
<i>Akap8</i>	0.1277408	0.144956565	0.881235007	0.378190635	0.928883222
<i>Akap8l</i>	0.231373417	0.156270582	1.480594841	0.138714571	0.834874897
<i>Wiz</i>	0.055173503	0.481881703	0.114495949	0.908844657	0.994688009
<i>Rasal3</i>	-0.200327539	0.39489651	-0.507291235	0.611950487	0.974001549
<i>Pglyrp2</i>	0.541625141	0.700714837	0.772960856	0.439545547	0.947849924
<i>Cyp4f39</i>	-0.332411756	0.524778255	-0.633432793	0.526451056	0.965637248
<i>Cyp4f17</i>	0.166879808	0.431130405	0.387075015	0.698700674	0.987770663
<i>Cyp4f16</i>	0.032850763	0.186291034	0.176341085	0.860025987	0.992886758
<i>Cyp4f15</i>	-0.335591953	0.280467889	-1.196543227	0.23148464	0.895404344
<i>Zfp871</i>	-0.50634353	0.206583307	-2.451037975	0.014244492	0.552422395
<i>Zfp811</i>	-0.608841762	0.925792764	-0.657643682	0.510767119	0.963452765
<i>Zfp799</i>	0.212808898	0.187694309	1.133805807	0.256876015	0.897248195
<i>Zfp870</i>	0.215906926	0.152332121	1.417343403	0.156382551	0.855455553
<i>Cyp4f13</i>	0.241948782	0.260218553	0.929790666	0.35247948	0.923152465
<i>Cyp4f41-ps</i>	4.883457131	1.519586517	3.213674954	0.001310479	0.26039992
<i>Zfp472</i>	-0.138840462	0.154013034	-0.901485146	0.367330428	0.928436166
<i>Zfp952</i>	0.376833899	0.154954178	2.431905378	0.015019631	0.554936045
<i>Zfp763</i>	0.259292525	0.177599454	1.459984923	0.144294218	0.841934045
<i>Zfp563</i>	0.207505285	0.203908761	1.017637908	0.308850065	0.9139204
<i>Zfp955a</i>	-0.018581628	0.131728802	-0.141059721	0.887822763	0.992886758
<i>Zfp955b</i>	0.107393561	0.185847097	0.577859774	0.563358796	0.969658675
<i>Zfp81</i>	-0.290539537	0.278495989	-1.043244959	0.296834856	0.909070179
<i>Zfp101</i>	-0.032666331	0.205884173	-0.158663633	0.873933892	0.992886758
<i>Adamts10</i>	0.305680355	0.145200624	2.105227558	0.035271504	0.674795441
<i>Myo1f</i>	0.17239595	0.208535546	0.826698146	0.408408173	0.940123943
<i>Zfp414</i>	-0.345792023	0.249657555	-1.385065328	0.166032492	0.860029348
<i>Pram1</i>	0.973736062	1.013651241	0.960622375	0.336742074	0.919242242
<i>Hnrrpm</i>	-0.146789102	0.168557521	-0.870854652	0.38383352	0.931591679
<i>Mar-02</i>	0.136422351	0.128071489	1.065204696	0.286783309	0.906336252
<i>Rab11b</i>	0.015980059	0.173121006	0.092305721	0.926455143	0.994688009
<i>Angptl4</i>	0.395648819	0.262948295	1.504663945	0.132410497	0.827800491
<i>Kank3</i>	0.05641988	0.107662787	0.524042541	0.600248951	0.974001549
<i>Rps28</i>	0.196846508	0.149819818	1.313888319	0.18888379	0.875363508
<i>Ndufa7</i>	0.259219802	0.274444351	0.944525917	0.344900965	0.92132235
<i>Cd320</i>	0.096014672	0.21360272	0.449501168	0.653070166	0.979004493
<i>Kifc1</i>	0.019372062	0.789726279	0.024530096	0.980429778	0.997296835
<i>Platr17</i>	-0.647734248	0.867225059	-0.746904441	0.455121245	0.951224746
<i>BC051226</i>	0.457763702	0.257052729	1.780816346	0.074942458	0.75241101
<i>Daxx</i>	0.094408518	0.168335014	0.560837082	0.574908605	0.971613657
<i>Zbtb22</i>	-0.10579789	0.12751267	-0.82970492	0.406705639	0.939557159
<i>Tapbp</i>	0.017292723	0.155599938	0.111135796	0.911508664	0.994688009
<i>Rgl2</i>	-0.174559155	0.124054022	-1.407122095	0.159391187	0.856609583
<i>Pfdn6</i>	0.283949849	0.107467398	2.642195256	0.008237055	0.46696668
<i>Wdr46</i>	-0.006595198	0.217726035	-0.030291267	0.975834761	0.997262526
<i>B3galt4</i>	-0.05795339	0.205575831	-0.281907603	0.77801436	0.990988839
<i>Rps18</i>	0.337091433	0.277434867	1.215029087	0.224354998	0.892989918
<i>Vps52</i>	-0.020826233	0.23269495	-0.089500151	0.928684434	0.994688009
<i>H2-K2</i>	0.401473188	0.257978722	1.556225974	0.119654367	0.81558552
<i>AA388235</i>	0.275032626	0.391236741	0.702982613	0.482066585	0.957463006
<i>H2-K1</i>	0.153266806	0.136370771	1.123897776	0.261056395	0.897248195
<i>Ring1</i>	0.084511144	0.154276052	0.54779172	0.583834925	0.972333834
<i>H2-Ke6</i>	0.231088757	0.119799065	1.928969626	0.053734633	0.707153766
<i>Slc39a7</i>	0.2069796	0.114285242	1.811078974	0.070128628	0.744227652
<i>Rxrb</i>	0.151996711	0.106609297	1.425735986	0.153944565	0.854159937

<i>Col11a2</i>	1.521849388	1.144625252	1.329561257	0.18366287	0.869934344
<i>H2-Oa</i>	0.101143144	0.580379025	0.174270847	0.861652609	0.992886758
<i>Brd2</i>	0.090819742	0.08174926	1.110954913	0.266587757	0.89768067
<i>H2-DMa</i>	0.270612732	0.129632551	2.087536892	0.03683963	0.678243111
<i>H2-DMb2</i>	0.346265358	0.213220159	1.623980394	0.104379993	0.79155232
<i>H2-DMb1</i>	0.117048731	0.111200929	1.052587713	0.292529991	0.907334416
<i>Psmb9</i>	0.469086832	0.141885865	3.30608572	0.000946091	0.234042943
<i>Tap1</i>	0.027897195	0.18846357	0.148024335	0.882323563	0.992886758
<i>Psmb8</i>	0.437022242	0.123357806	3.542720616	0.000396022	0.139568962
<i>Tap2</i>	-0.01963355	0.238881785	-0.082189398	0.934496104	0.994688009
<i>H2-Ob</i>	0.476598154	0.193693462	2.460579461	0.013871285	0.545277966
<i>H2-Ab1</i>	0.322262935	0.13698285	2.352578693	0.018643744	0.587637867
<i>H2-Aa</i>	0.089820854	0.115957687	0.774600259	0.438575904	0.947816234
<i>H2-Eb1</i>	0.174349557	0.116134504	1.501272669	0.133285051	0.827800491
<i>H2-Eb2</i>	-0.060499742	0.391706054	-0.154451893	0.87725344	0.992886758
<i>Btl2</i>	1.488834197	1.154162827	1.289968939	0.197061443	0.879755417
<i>BC051142</i>	-0.034154407	0.950353957	-0.035938617	0.971331304	0.996733101
<i>Notch4</i>	-0.178610946	0.228181749	-0.782757373	0.433769604	0.946679964
<i>Gpsm3</i>	-0.189597291	0.212793605	-0.890991489	0.372933736	0.928840865
<i>Pbx2</i>	-0.057139648	0.132639224	-0.430789972	0.666621092	0.981863224
<i>Ager</i>	0.188126095	0.17012891	1.10578558	0.268819338	0.89804647
<i>Rnf5</i>	0.17675167	0.125123623	1.412616303	0.157768573	0.855986074
<i>Agpat1</i>	-0.294541193	0.188393974	-1.56343213	0.117950988	0.814630194
<i>Egfl8</i>	0.023886069	0.380129663	0.062836635	0.949896593	0.995727234
<i>Ppt2</i>	-0.347960598	0.170222238	-2.044154763	0.04093826	0.679118604
<i>Prrt1</i>	0.302304764	1.588022021	0.1903656	0.849022652	0.992886758
<i>Fkbp1</i>	-0.100301512	0.269755894	-0.371823246	0.710024455	0.988585656
<i>Atf6b</i>	0.130518154	0.144085483	0.905838332	0.365021429	0.926556975
<i>Tnxb</i>	0.081756118	0.200338457	0.408089983	0.683207614	0.984738223
<i>C4b</i>	-0.15384087	0.273963952	-0.561536905	0.574431579	0.971613657
<i>C4a</i>	-0.964542639	1.390445616	-0.693693179	0.487874645	0.958288569
<i>Stk19</i>	0.141530187	0.14728447	0.960930823	0.336586952	0.919242242
<i>Dxo</i>	0.087034196	0.185283742	0.469734662	0.638544601	0.977795535
<i>Skiv2l</i>	-0.17580413	0.174148458	-1.009507243	0.31273143	0.914819219
<i>Nelfe</i>	0.101663614	0.153541876	0.662123043	0.507892369	0.963106419
<i>Cfb</i>	-0.495350737	0.376515009	-1.315620163	0.188301562	0.874826736
<i>C2</i>	-0.139332745	0.237263721	-0.587248418	0.557036879	0.968926429
<i>Zbtb12</i>	0.269350795	0.419730346	0.641723424	0.521052777	0.964784335
<i>Ehmt2</i>	-0.165350006	0.123444233	-1.339471288	0.180417295	0.868087032
<i>Slc44a4</i>	-0.550466588	0.247272433	-2.226154293	0.026003848	0.631530315
<i>Neu1</i>	-0.078586892	0.119425546	-0.658040882	0.510511862	0.963452765
<i>1110038B12Rik</i>	0.091379181	0.214138652	0.426729039	0.669576697	0.981863224
<i>Snord52</i>	0.73810675	1.764234103	0.41837234	0.675674906	0.983549699
<i>Hspa1b</i>	-0.287560395	0.550986622	-0.521900865	0.601739356	0.974001549
<i>Hspa1a</i>	-0.300204	0.640132512	-0.468971649	0.639089901	0.977832483
<i>Hspa1l</i>	-0.614739144	0.62528873	-0.983128457	0.32554422	0.91640698
<i>Lsm2</i>	-0.072173119	0.173627683	-0.415677487	0.677646017	0.983670411
<i>D17H6S56E-5</i>	-0.388118668	0.161591531	-2.401850302	0.016312382	0.563070331
<i>Vars</i>	-0.165742783	0.195491376	-0.84782657	0.396534563	0.934365683
<i>Vwa7</i>	0.0281068	0.721122177	0.038976474	0.968909145	0.996496354
<i>Sapcd1</i>	-0.126217941	2.020996728	-0.062453313	0.95020184	0.99573416
<i>Msh5</i>	0.161572446	0.388274369	0.416129568	0.677315194	0.983670411
<i>Clic1</i>	0.152000399	0.108198889	1.404824022	0.160073614	0.857316691
<i>Ddah2</i>	0.240436627	0.116393966	2.065713847	0.038855507	0.679118604
<i>G6b</i>	0.532087381	1.304541509	0.407873094	0.683366847	0.984738223
<i>Ly6g6c</i>	0.08426773	0.932650139	0.090352991	0.928006711	0.994688009
<i>Ly6g6d</i>	0.500605695	0.347493347	1.440619512	0.149692205	0.848779008
<i>Ly6g6e</i>	0.118921148	0.277292937	0.428864684	0.668021702	0.981863224
<i>Ly6g6f</i>	1.228844868	0.760424928	1.615997612	0.10609483	0.79419908
<i>Abhd16a</i>	0.033000691	0.094176624	0.350412765	0.726028948	0.988585656
<i>Ly6g5b</i>	-0.15008802	1.505062299	-0.099722131	0.92056493	0.994688009
<i>Csnk2b</i>	-0.091719843	0.102486761	-0.894943333	0.370817381	0.928436647

<i>Gpank1</i>	0.189501735	0.138936017	1.363949672	0.172583406	0.86244803
<i>D17H6S53E</i>	0.047984896	0.26250775	0.182794207	0.854959494	0.992886758
<i>Bag6</i>	-0.006027926	0.1342976	-0.044884839	0.964199102	0.996474415
<i>Prrc2a</i>	-0.006348731	0.17909895	-0.035448178	0.971722368	0.996733101
<i>Aif1</i>	0.215032719	0.233360174	0.921462797	0.356808856	0.924354588
<i>Lst1</i>	0.523344995	0.2667818	1.961696769	0.049797798	0.707153766
<i>Ltb</i>	0.321323922	0.233377633	1.376841124	0.168561373	0.861597949
<i>Tnf</i>	1.055036195	0.730574425	1.444118708	0.148705586	0.84832848
<i>Lta</i>	0.223686757	1.107668179	0.201943833	0.839960634	0.992886758
<i>Nfkbil1</i>	0.161542547	0.295793669	0.546132537	0.584974836	0.972892344
<i>Atp6v1g2</i>	0.315524897	0.399954118	0.788902733	0.430168858	0.945321484
<i>Ddx39b</i>	-0.038371491	0.131443521	-0.29192379	0.770344894	0.989990452
<i>H2-D1</i>	-0.090369872	0.147124076	-0.614242583	0.539055038	0.966900344
<i>H2-Q1</i>	0.23793527	0.394736946	0.602769193	0.546662244	0.967902958
<i>H2-Q2</i>	0.185729732	0.207306742	0.895917469	0.370296844	0.928436166
<i>H2-Q4</i>	0.188969473	0.153327771	1.232454316	0.217779422	0.887633697
<i>H2-Q5</i>	0.201302237	0.207411109	0.970547036	0.331773891	0.917115058
<i>H2-Q10</i>	0.420595124	0.396321401	1.06124757	0.288577406	0.907334416
<i>Tcf19</i>	-0.009867334	0.234431079	-0.042090555	0.966426509	0.996474415
<i>Cchcr1</i>	-0.055724442	0.392742643	-0.141885388	0.887170536	0.992886758
<i>Cdsn</i>	-1.171570892	0.844690537	-1.38698238	0.165447136	0.860011234
<i>Dpcr1</i>	-1.528484761	1.260711735	-1.212398298	0.225359952	0.893287677
<i>Sfta2</i>	0.042845977	0.179562551	0.238613098	0.811405608	0.991784898
<i>Vars2</i>	-0.044932223	0.210203954	-0.213755363	0.830737836	0.992886758
<i>Gtf2h4</i>	0.145139864	0.234326887	0.619390571	0.535659091	0.96674935
<i>Ddr1</i>	-0.113343396	0.191817491	-0.590891872	0.554592872	0.968926429
<i>4833427F10Rik</i>	-0.495692276	1.324164561	-0.374343409	0.70814884	0.988585656
<i>Ier3</i>	0.066406618	0.182170777	0.364529477	0.715462666	0.988585656
<i>Flot1</i>	0.106733307	0.106335014	1.003745648	0.315501228	0.91586731
<i>Tubb5</i>	-0.071916298	0.100689959	-0.71423505	0.475081847	0.956761005
<i>Mdc1</i>	0.064302745	0.246057796	0.261331874	0.793836589	0.990988839
<i>Nrm</i>	-0.510128031	0.282346693	-1.806743428	0.070802293	0.744227652
<i>Ppp1r18</i>	-0.132070818	0.1461499	-0.903666837	0.366172089	0.927617021
<i>Dhx16</i>	0.091438028	0.153589958	0.595338579	0.551617173	0.968926429
<i>2310061I04Rik</i>	-0.298484478	0.258392325	-1.15516	0.248024912	0.896939594
<i>Atat1</i>	0.045795316	0.231661987	0.197681618	0.843294173	0.992886758
<i>Mrps18b</i>	0.018811589	0.178106977	0.105619607	0.915884168	0.994688009
<i>Ppp1r10</i>	-0.173499508	0.216896874	-0.799917051	0.423758858	0.943632143
<i>Mir1894</i>	0.642367457	1.59357254	0.403098974	0.686875415	0.98538669
<i>Abcf1</i>	0.063685098	0.155446008	0.40969272	0.682031371	0.984738223
<i>Prr3</i>	-0.058654023	0.238161254	-0.246278613	0.805466564	0.99099448
<i>Gnl1</i>	0.019940366	0.190120452	0.104882804	0.916468804	0.994688009
<i>A930015D03Rik</i>	0.373788023	0.370991542	1.007537857	0.313676375	0.915639195
<i>H2-T24</i>	0.632852314	0.139254947	4.544558947	5.51E-06	0.006913907
<i>H2-T23</i>	0.274910877	0.113932606	2.412925392	0.015825059	0.557315333
<i>C920025E04Rik</i>	0.674390746	0.516429105	1.305872849	0.191595801	0.878456795
<i>H2-T10</i>	0.755541289	0.170010434	4.444087749	8.83E-06	0.008748514
<i>2410017I17Rik</i>	1.039402281	0.848621656	1.224812345	0.220645933	0.889722436
<i>Gm8909</i>	-0.446898803	0.541979941	-0.824567053	0.409617433	0.940886864
<i>Gm6623</i>	0.600718338	0.815676475	0.736466425	0.461446893	0.953083512
<i>Rpp21</i>	0.39051994	0.17732138	2.202328561	0.027642108	0.637644759
<i>Trim39</i>	-0.407234722	0.203671341	-1.999469929	0.045557532	0.69515685
<i>Trim26</i>	-0.036577987	0.173446142	-0.210889594	0.832973424	0.992886758
<i>Trim15</i>	0.669966753	0.40609627	1.649773226	0.098989327	0.787788403
<i>Trim10</i>	0.616693268	0.718491302	0.858316958	0.390717468	0.933734231
<i>Trim40</i>	1.532681878	1.276852166	1.200359696	0.229999675	0.895404344
<i>Rnf39</i>	0.055525702	0.327378295	0.169607157	0.865319093	0.992886758
<i>Ppp1r11</i>	0.29654928	0.169150929	1.753163767	0.0795739	0.75659671
<i>Znrd1</i>	-0.098583812	0.148782721	-0.662602562	0.507585129	0.963011338
<i>Znrd1as</i>	0.141423622	0.196685852	0.719033019	0.472120575	0.955003345
<i>H2-M5</i>	0.119040521	0.667273731	0.178398333	0.858410158	0.992886758
<i>Zfp57</i>	-0.420007159	0.229004913	-1.834053046	0.06664612	0.738254074

<i>Mog</i>	0.833105141	2.075739386	0.401353439	0.688159924	0.98538669
<i>Gabbr1</i>	0.113410747	0.221894524	0.511102056	0.609279596	0.974001549
<i>Ubd</i>	2.134825298	0.725762977	2.941491044	0.003266363	0.357710224
<i>Olfr98</i>	-2.275785993	2.186942328	-1.040624604	0.298049808	0.909779403
<i>H2-M3</i>	0.366894093	0.163470328	2.244407886	0.02480617	0.627796923
<i>Olfr99</i>	0.787170365	0.919414549	0.85616479	0.391906635	0.933734231
<i>H2-M2</i>	-1.498073095	0.940885093	-1.59219559	0.111340764	0.800752782
<i>Rn45s</i>	0.606351409	0.298143913	2.033754114	0.041976393	0.679118604
<i>Crisp3</i>	1.062824503	0.634411347	1.675292394	0.093876877	0.775671949
<i>Crisp2</i>	1.795132441	0.833646718	2.153349136	0.03129125	0.661395937
<i>9130008F23Rik</i>	0.184095176	0.270858758	0.679672228	0.496712024	0.960362776
<i>Glyatl3</i>	0.587264781	1.731563252	0.339152947	0.734494513	0.988585656
<i>Cenpq</i>	-0.000897927	0.216512986	-0.00414722	0.996691007	0.999449398
<i>Mut</i>	-0.265347486	0.150586011	-1.762099179	0.078052542	0.754202
<i>Cd2ap</i>	-0.101469908	0.122587521	-0.827734401	0.407820932	0.939557159
<i>Tnfrsf21</i>	-0.335890753	0.266419252	-1.260760064	0.207395306	0.883765092
<i>E130008D07Rik</i>	1.08385886	1.900482318	0.570307258	0.568469319	0.971380162
<i>Adgrf5</i>	-0.111551434	0.168731916	-0.661116384	0.508537679	0.963324595
<i>Ankrd66</i>	-0.31004	0.175823521	-1.763359067	0.077839949	0.754202
<i>Pla2g7</i>	-0.154206512	0.308605215	-0.499688614	0.617294351	0.974001549
<i>1700071M16Rik</i>	-1.30067025	1.619349134	-0.803205574	0.421855925	0.943415794
<i>Slc25a27</i>	-0.37477819	0.413942185	-0.905387765	0.365259995	0.926556975
<i>Cyp39a1</i>	0.026451749	0.170193755	0.155421383	0.876489128	0.992886758
<i>Rcan2</i>	-0.437364958	0.215658792	-2.028041404	0.042556022	0.68118841
<i>Enpp5</i>	-0.158501064	0.100280681	-1.580574271	0.113975413	0.807965062
<i>Enpp4</i>	-0.348336762	0.135678482	-2.567369246	0.010247343	0.499427958
<i>Clic5</i>	-0.108968564	0.12550731	-0.868224838	0.385271259	0.931689378
<i>Runx2</i>	0.162144169	0.585891489	0.276747781	0.78197378	0.990988839
<i>Supt3</i>	-0.125580392	0.183180256	-0.685556374	0.4929929	0.958916246
<i>Cdc5l</i>	-0.22113187	0.157864669	-1.400768588	0.161283285	0.857316691
<i>B230354K17Rik</i>	0.238666813	0.219179155	1.088912003	0.276192693	0.900302631
<i>Spats1</i>	0.274512148	1.805213492	0.152066307	0.879134639	0.992886758
<i>Aars2</i>	0.277280417	0.447483977	0.619643229	0.5354927	0.96674935
<i>Tcte1</i>	-0.727994532	0.536164237	-1.357782713	0.174532642	0.863528862
<i>Nfkbie</i>	-0.0849395	0.23521418	-0.36111556	0.718013062	0.988585656
<i>Slc35b2</i>	0.102192684	0.124120784	0.823332565	0.4103189	0.940983181
<i>Hsp90ab1</i>	-0.116345252	0.1219131	-0.954329375	0.339916944	0.919246575
<i>Slc29a1</i>	-0.155861416	0.15989392	-0.974780132	0.329669334	0.917115058
<i>Capn11</i>	0.647250921	1.605346774	0.403184491	0.686812508	0.98538669
<i>Tmem63b</i>	-0.055437856	0.176547496	-0.314011003	0.753512682	0.988585656
<i>Mrpl14</i>	0.379985906	0.259643295	1.463492081	0.143332779	0.84088907
<i>Vegfa</i>	-0.054783067	0.12814836	-0.427497215	0.669017213	0.981863224
<i>Mrps18a</i>	0.222853763	0.182237783	1.222873537	0.221377465	0.891315805
<i>Rsph9</i>	-0.052492149	0.122766223	-0.427578106	0.668958309	0.981863224
<i>Mad2l1bp</i>	0.090856403	0.180724087	0.502735436	0.615150292	0.974001549
<i>Gtpbp2</i>	0.081902102	0.134053408	0.610966203	0.541221955	0.967217841
<i>Polh</i>	-0.35538251	0.280395308	-1.267433868	0.205000196	0.883765092
<i>Xpo5</i>	-0.28376258	0.285775707	-0.99295557	0.320731607	0.91640698
<i>Polr1c</i>	0.373232511	0.153318077	2.434367288	0.014917849	0.554936045
<i>Yipf3</i>	-0.161201327	0.213754558	-0.754142172	0.450763857	0.949134998
<i>Lrrc73</i>	0.284938192	0.371152613	0.767711668	0.442658502	0.948476747
<i>Tjap1</i>	-0.151012792	0.268173201	-0.563116639	0.573355462	0.971613657
<i>Dlk2</i>	-1.655973483	1.495423748	-1.107360696	0.268138012	0.89804647
<i>Abcc10</i>	-0.200279975	0.451251037	-0.44383272	0.657163531	0.979614766
<i>Zfp318</i>	-0.055735345	0.247080333	-0.225575807	0.821531359	0.992886758
<i>Crip3</i>	-0.460423421	0.616929608	-0.746314353	0.455477543	0.951224746
<i>Dnph1</i>	0.614664891	0.314290056	1.955724911	0.050497569	0.707153766
<i>Cul9</i>	0.023394479	0.299272852	0.078171071	0.937691973	0.994688009
<i>Srf</i>	-0.230799685	0.1734805	-1.330407075	0.183384185	0.869576666
<i>Ptk7</i>	-0.000546221	0.133795381	-0.004082509	0.996742638	0.999449398
<i>Klc4</i>	-0.041157041	0.160742878	-0.256042701	0.797917865	0.990988839
<i>Mrpl2</i>	0.187343759	0.107512295	1.742533349	0.081415161	0.760884566

<i>Cul7</i>	-0.021041221	0.286288575	-0.073496545	0.941410993	0.994688009
<i>Rrp36</i>	0.282805857	0.125218652	2.258496261	0.023914737	0.622011301
<i>Klhdc3</i>	-0.050874478	0.140674225	-0.361647469	0.717615487	0.988585656
<i>Mea1</i>	0.382316492	0.189955377	2.012664755	0.04414991	0.688477147
<i>Ppp2r5d</i>	0.120861112	0.227596138	0.531033228	0.595395754	0.974001549
<i>Pex6</i>	-0.241983657	0.178879402	-1.352775411	0.17612739	0.865308446
<i>Gnmt</i>	0.408755128	0.265730005	1.538234749	0.123991228	0.820382953
<i>Cnpy3</i>	-0.000778415	0.17279927	-0.004504737	0.996405752	0.999379819
<i>2310039H08Rik</i>	0.404313346	0.191857722	2.107360295	0.035086361	0.674795441
<i>Rpl7l1</i>	0.00534512	0.10331088	0.051738206	0.958737294	0.996226826
<i>Gltscr1l</i>	0.378057112	0.318080784	1.188556907	0.234614074	0.89581803
<i>Tbcc</i>	-0.019919675	0.193242498	-0.103081232	0.9178985	0.994688009
<i>Ubr2</i>	-0.102716117	0.214493899	-0.478876638	0.632026392	0.977034429
<i>Trerf1</i>	-0.529784981	0.516139313	-1.026437956	0.304685195	0.912429485
<i>Mrps10</i>	0.194515671	0.170407958	1.14147058	0.253674148	0.897044747
<i>Guca1b</i>	-0.305285788	0.929596169	-0.328406891	0.742604033	0.988585656
<i>Guca1a</i>	-0.060247539	0.31743259	-0.189796326	0.849468735	0.992886758
<i>1700001C19Rik</i>	1.456959617	1.862805927	0.782131727	0.434137162	0.946762848
<i>Al661453</i>	-0.118452322	0.228230858	-0.519002222	0.603759192	0.974001549
<i>Taf8</i>	-0.070126136	0.162453872	-0.431667985	0.665982739	0.981863224
<i>Ccnd3</i>	-0.254594771	0.184937348	-1.376654168	0.168619195	0.861597949
<i>Bysl</i>	0.213090693	0.229704257	0.927674115	0.35357664	0.924098894
<i>Med20</i>	0.142799396	0.143622238	0.994270792	0.320091051	0.91640698
<i>Usp49</i>	0.195604474	0.418090725	0.467851742	0.639890616	0.977843986
<i>Tomm6</i>	-0.130216741	0.187274071	-0.69532712	0.486850322	0.958288569
<i>Tomm6os</i>	0.737218058	1.646805765	0.447665459	0.654394654	0.979133069
<i>Prickle4</i>	0.269272983	1.081843895	0.248901883	0.803436679	0.990988839
<i>Frs3</i>	-0.916203975	0.471050037	-1.945024741	0.051772001	0.707153766
<i>Pgc</i>	-0.832839046	0.764430475	-1.089489592	0.275938042	0.900302631
<i>Tfeb</i>	0.229918123	0.198939187	1.155720629	0.247795447	0.896939594
<i>Mdfi</i>	0.114781527	0.309362822	0.3710256	0.710618464	0.988585656
<i>Foxp4</i>	-0.160124944	0.250117599	-0.640198629	0.522043474	0.965307763
<i>9830107B12Rik</i>	-0.109481333	1.588688296	-0.068913036	0.945058842	0.99486515
<i>A530064D06Rik</i>	-0.144458003	0.76162682	-0.189670321	0.849567479	0.992886758
<i>Trem1</i>	-0.213131791	0.195930421	-1.087793257	0.276686387	0.900604936
<i>Trem3</i>	0.971890462	0.411444094	2.362144639	0.018169552	0.58167504
<i>Trem1l4</i>	0.117516935	0.343502283	0.342113986	0.732265113	0.988585656
<i>Trem1l2</i>	-0.198644615	0.355420117	-0.558900875	0.576229372	0.971613657
<i>B430306N03Rik</i>	-1.742505919	0.882711727	-1.974037352	0.048377496	0.706387941
<i>Trem2</i>	-0.320910429	0.462118974	-0.694432488	0.487411026	0.958288569
<i>Trem1l1</i>	1.27561335	0.466311079	2.735541592	0.006227772	0.427133716
<i>Nfya</i>	-0.200859237	0.187282943	-1.072490817	0.283499636	0.905916508
<i>Oard1</i>	0.247520086	0.13380074	1.849915672	0.064325705	0.73299549
<i>Apobec2</i>	-0.186763888	0.507752878	-0.367824382	0.713004188	0.988585656
<i>Tspo2</i>	0.426983094	0.804506849	0.530738917	0.595599714	0.974001549
<i>Unc5cl</i>	-0.643438423	0.50764103	-1.267506732	0.204974158	0.883765092
<i>Mocs1</i>	0.045487554	0.226684778	0.200664353	0.840961035	0.992886758
<i>Daam2</i>	-0.094715877	0.338764699	-0.279591932	0.779790598	0.990988839
<i>Kif6</i>	-0.3221531	0.313279116	-1.028326128	0.303796445	0.911786415
<i>Rftn1</i>	0.046244661	0.228309639	0.202552383	0.839484911	0.992886758
<i>Dazl</i>	0.003818775	1.14772356	0.003327261	0.997345235	0.99957296
<i>Plcl2</i>	0.049753291	0.231042216	0.215342857	0.829500019	0.992886758
<i>Tbc1d5</i>	-0.506296733	0.317112012	-1.596586427	0.110357926	0.800111791
<i>Satb1</i>	0.153288889	0.31119612	0.492579692	0.6223096	0.97514112
<i>Efhb</i>	0.20732558	0.367961613	0.563443502	0.573132922	0.971613657
<i>Rab5a</i>	-0.105779348	0.107959806	-0.979803055	0.327183344	0.916882624
<i>Pp2d1</i>	-0.451774796	1.271724995	-0.355245668	0.722405555	0.988585656
<i>Kat2b</i>	-0.083653527	0.107948751	-0.774937423	0.438376638	0.947776577
<i>Sgol1</i>	0.055525162	0.455773184	0.121826303	0.903036582	0.994688009
<i>Sult1c2</i>	1.010162253	1.78149735	0.567029893	0.570693872	0.971613657
<i>Pot1b</i>	0.17012768	0.197717313	0.860459193	0.389535969	0.933734231
<i>Adgre4</i>	0.712465129	0.277412516	2.568251572	0.010221295	0.499427958

<i>Zfp119a</i>	0.165259699	0.19781206	0.835437935	0.403471178	0.937834293
<i>Zfp959</i>	-0.085805298	0.189091751	-0.453775997	0.649990061	0.979004493
<i>Zfp119b</i>	0.096441414	0.175053486	0.550925416	0.581684804	0.971915898
<i>Ebi3</i>	0.108859463	0.988898811	0.110081499	0.912344741	0.994688009
<i>Gm16712</i>	0.297241465	1.41978175	0.209357153	0.834169438	0.992886758
<i>Ccdc94</i>	0.259847359	0.234989471	1.105782985	0.268820461	0.89804647
<i>Shd</i>	1.307369805	1.566281356	0.834696653	0.403888527	0.937834293
<i>Stap2</i>	0.034915031	0.165498221	0.21096922	0.83291129	0.992886758
<i>Mpnd</i>	0.162280603	0.11759271	1.380022651	0.167579671	0.860403806
<i>Sh3gl1</i>	0.007545592	0.1187889	0.063521023	0.949351619	0.995624732
<i>Chaf1a</i>	0.136077575	0.399797112	0.340366579	0.733580484	0.988585656
<i>Ubxn6</i>	0.259081916	0.151188877	1.713630792	0.086596555	0.765418158
<i>Hdgrp2</i>	0.328237926	0.145495082	2.256007019	0.024070192	0.622811438
<i>Plin4</i>	-0.226560043	0.416374663	-0.54412543	0.586355162	0.972904784
<i>Plin5</i>	-0.050626327	0.269273486	-0.188010812	0.850868176	0.992886758
<i>Lrg1</i>	-0.396163979	0.334226452	-1.185316053	0.235892509	0.896067726
<i>Sema6b</i>	0.065619817	0.388108898	0.169075786	0.865737031	0.992886758
<i>Tnfaip8l1</i>	0.160571495	0.341882834	0.469668198	0.638592092	0.977795535
<i>Mydgf</i>	0.038027985	0.167269981	0.227344947	0.820155525	0.992886758
<i>Dpp9</i>	-0.297490632	0.239735993	-1.240909336	0.214639244	0.886400046
<i>Fem1a</i>	0.056576378	0.125612059	0.45040562	0.652417993	0.979004493
<i>Ticam1</i>	-0.567205034	0.283197255	-2.002862046	0.045192098	0.693980041
<i>Plin3</i>	0.070133669	0.122237906	0.573747308	0.56613881	0.970328402
<i>Uhrf1</i>	-0.689227949	0.497992656	-1.384012274	0.166354696	0.860082
<i>Kdm4b</i>	0.043414612	0.264947084	0.163861444	0.86984022	0.992886758
<i>Ptprs</i>	0.560397594	0.182104933	3.077333408	0.002088615	0.308737709
<i>Gm20219</i>	-0.171454321	0.315694795	-0.543101513	0.587059911	0.973286675
<i>Safb2</i>	-0.129447957	0.246271946	-0.525630138	0.599145212	0.974001549
<i>Safb</i>	0.035550978	0.216995054	0.163833127	0.869862512	0.992886758
<i>2410015M20Rik</i>	0.231702726	0.198178064	1.169164339	0.242337426	0.896939594
<i>Rpl36</i>	0.360566721	0.279488868	1.290093319	0.197018259	0.879755417
<i>Lonp1</i>	0.097369965	0.184686236	0.527218312	0.598041994	0.974001549
<i>Catsperd</i>	-0.609724359	0.556911536	-1.094831619	0.273590412	0.899317626
<i>Ranbp3</i>	-0.070703192	0.16442635	-0.429999161	0.667196252	0.981863224
<i>Vmac</i>	-0.124249852	0.165603907	-0.750283335	0.453084077	0.950108007
<i>Ndufa11</i>	0.172787099	0.187617149	0.920955786	0.357073511	0.924354588
<i>Nrtn</i>	-0.058442905	0.293903468	-0.198850681	0.84237955	0.992886758
<i>Dus3l</i>	0.039188962	0.118485973	0.330747692	0.740835074	0.988585656
<i>Prr22</i>	1.57449496	2.001899877	0.786500353	0.431574412	0.945941124
<i>Rfx2</i>	-0.075662621	0.380292051	-0.198959248	0.842294622	0.992886758
<i>1700061G19Rik</i>	0.04647335	0.686558448	0.067690304	0.946032168	0.995065399
<i>Mllt1</i>	-0.065870235	0.236401751	-0.278636833	0.780523543	0.990988839
<i>Clpp</i>	0.237337695	0.144895366	1.637993691	0.10142301	0.788783372
<i>Alkbh7</i>	0.26346993	0.194231172	1.35647603	0.174947757	0.864111192
<i>Pspn</i>	-0.153094247	1.158833376	-0.132110664	0.894896761	0.993592437
<i>Gtf2f1</i>	-0.225924991	0.188657438	-1.197540866	0.231095809	0.895404344
<i>Khsrp</i>	-0.098706194	0.202660332	-0.487052367	0.626221221	0.976534277
<i>Slc25a23</i>	-0.090215214	0.151842553	-0.594136569	0.552420773	0.968926429
<i>Crb3</i>	0.211735842	0.176990302	1.196313241	0.231574343	0.895404344
<i>Dennd1c</i>	-0.529825204	0.379483463	-1.396174684	0.162661898	0.859982992
<i>Tubb4a</i>	0.090320696	0.370779537	0.243596765	0.807543134	0.99099448
<i>Gm11110</i>	-0.116002218	0.45339503	-0.255852425	0.798064792	0.990988839
<i>Tnfsf9</i>	0.214094919	0.290615425	0.736694961	0.461307872	0.953083512
<i>Tnfsf14</i>	0.67163332	0.627969355	1.069532	0.284830017	0.905916508
<i>C3</i>	-0.329321993	0.298842618	-1.101991394	0.270465413	0.89804647
<i>Gpr108</i>	-0.008921612	0.160817448	-0.055476643	0.955758738	0.99614946
<i>Trip10</i>	0.036705411	0.094236158	0.389504536	0.696902956	0.987518602
<i>Vav1</i>	-0.190559807	0.349436252	-0.545334967	0.585523159	0.972904784
<i>Adgre1</i>	-0.231666604	0.243152147	-0.952763967	0.340709675	0.919850248
<i>Nudt12</i>	-0.073149328	0.210057637	-0.348234554	0.72766404	0.988585656
<i>Efna5</i>	-0.469793161	0.38294594	-1.226787157	0.219902599	0.888847883
<i>Fbxl17</i>	0.01682134	0.143163803	0.117497161	0.906466094	0.994688009

<i>Fer</i>	0.033079195	0.229706131	0.144006582	0.885495272	0.992886758
<i>1110058D11Rik</i>	1.645929441	1.600174322	1.028593834	0.303670577	0.911786415
<i>Pja2</i>	-0.103826328	0.133392015	-0.778354897	0.436359821	0.946762848
<i>Man2a1</i>	-0.21798143	0.156669001	-1.391350094	0.16411929	0.859982992
<i>Tmem232</i>	-0.496219513	0.195813571	-2.534142613	0.011272285	0.508404943
<i>Vapa</i>	-0.168178443	0.107219337	-1.568545818	0.116753806	0.812418014
<i>Txndc2</i>	0.914463227	1.826311318	0.500715961	0.616571037	0.974001549
<i>Rab31</i>	-0.080828202	0.099804958	-0.809861588	0.418019731	0.943415794
<i>Ppp4r1</i>	-0.173769735	0.135272579	-1.284589505	0.198935768	0.880661448
<i>Ralbp1</i>	-0.032973729	0.150918833	-0.218486509	0.827050069	0.992886758
<i>Twsg1</i>	-0.291901659	0.126388747	-2.309554192	0.020912848	0.604325792
<i>Ankrd12</i>	0.263998512	0.22087209	1.195255189	0.231987342	0.895404344
<i>Ndufv2</i>	0.080294642	0.193449382	0.41506797	0.678092146	0.983670411
<i>Wash1</i>	0.169990039	0.144779498	1.174130607	0.240342716	0.896939594
<i>Ddx11</i>	-0.075600148	0.453372055	-0.166750789	0.867566141	0.992886758
<i>Mtcl1</i>	0.207249521	0.157255444	1.317916351	0.187531651	0.873560421
<i>Rab12</i>	0.037261819	0.080248011	0.464333244	0.642409009	0.978415289
<i>Ptpm</i>	0.199999262	0.155373321	1.287217531	0.198018479	0.880239572
<i>Lama1</i>	0.142471304	1.364378809	0.104422103	0.916834383	0.994688009
<i>Arhgap28</i>	-0.482883471	0.249919617	-1.932155139	0.05334036	0.707153766
<i>Epb4.1l3</i>	-0.074301562	0.392892524	-0.189114218	0.850003298	0.992886758
<i>Zbtb14</i>	-0.213757543	0.146031934	-1.463772595	0.143256093	0.840741274
<i>C030034l22Rik</i>	-0.135613967	0.213944822	-0.633873563	0.52616334	0.965637248
<i>Dlgap1</i>	-0.397402369	1.748891284	-0.227231031	0.8202441	0.992886758
<i>Tgif1</i>	-0.318864928	0.196240778	-1.624865795	0.104191158	0.79155232
<i>My12b</i>	-0.031186069	0.121979929	-0.255665579	0.798209076	0.990988839
<i>My12a</i>	0.014759991	0.09369463	0.157532948	0.874824843	0.992886758
<i>Myom1</i>	0.267158009	0.236983149	1.12732914	0.259603347	0.897248195
<i>Lpin2</i>	-0.076438251	0.164287799	-0.465270408	0.641737823	0.97813956
<i>Emilin2</i>	0.032544652	0.527647576	0.061678766	0.95081865	0.99573416
<i>Smchd1</i>	0.300485757	0.180068708	1.668728341	0.09517123	0.778239075
<i>Ndc80</i>	0.824216403	0.340186038	2.422840186	0.0153997	0.557315333
<i>Spdya</i>	-0.04486519	0.857713242	-0.052307914	0.958283348	0.996226826
<i>Trmt61b</i>	0.093858152	0.264508068	0.354840412	0.722709152	0.988585656
<i>Wdr43</i>	-0.159557346	0.123777415	-1.289066717	0.197374893	0.87989762
<i>Snord53</i>	1.342216471	1.90624643	0.704114877	0.481361236	0.957463006
<i>Fam179a</i>	-0.342785722	0.183594299	-1.867082606	0.061890053	0.725730283
<i>Clip4</i>	-0.293611948	0.2305289	-1.273644858	0.202789307	0.882297774
<i>Ypel5</i>	0.105551185	0.114401047	0.922641771	0.35619392	0.924354588
<i>Lbh</i>	-0.011440058	0.165507968	-0.06912089	0.944893393	0.99486515
<i>Lclat1</i>	-0.204643991	0.254054899	-0.8055109	0.420524919	0.943415794
<i>Capn13</i>	0.100904482	0.837975341	0.12041462	0.904154711	0.994688009
<i>Ehd3</i>	-0.653352557	0.308975063	-2.114580224	0.034465741	0.674726795
<i>Xdh</i>	0.127749055	0.179351599	0.712282779	0.476289686	0.95716557
<i>Memo1</i>	-0.03861903	0.154611289	-0.249781436	0.802756377	0.990988839
<i>Dpy30</i>	0.291796375	0.196416362	1.485601161	0.137384648	0.833085238
<i>Spast</i>	0.035596953	0.185547562	0.191848131	0.847861168	0.992886758
<i>Slc30a6</i>	-0.035319788	0.179054951	-0.197256697	0.843626664	0.992886758
<i>Nlrc4</i>	0.19933002	0.576989393	0.345465658	0.729744324	0.988585656
<i>Yipf4</i>	0.021581339	0.093024064	0.231997376	0.816540052	0.992676801
<i>Birc6</i>	0.070088259	0.160678595	0.436201593	0.662690472	0.980760274
<i>Ttc27</i>	0.219948957	0.182032801	1.208292984	0.226934586	0.89398447
<i>Ltbp1</i>	0.128832512	0.20507462	0.628222604	0.529858125	0.965836062
<i>Rasgrp3</i>	-0.138175582	0.215069092	-0.642470662	0.520567632	0.964784335
<i>Fam98a</i>	-0.150628437	0.142829702	-1.054601632	0.291607557	0.907334416
<i>Crim1</i>	-0.014751475	0.162130994	-0.090984915	0.927504577	0.994688009
<i>Fez2</i>	0.015962775	0.147105001	0.108512799	0.913588929	0.994688009
<i>Vit</i>	-0.123379512	0.506091798	-0.243788799	0.807394396	0.99099448
<i>Strn</i>	-0.811303834	0.393395345	-2.062311728	0.039178067	0.679118604
<i>Heatr5b</i>	-0.124310941	0.38649073	-0.321640163	0.747725314	0.988585656
<i>Gpatch11</i>	0.122175789	0.188967296	0.646544621	0.517926709	0.964437658
<i>Gm6548</i>	0.051823407	0.195077528	0.265655442	0.790504583	0.990988839

<i>Eif2ak2</i>	0.046194708	0.222650245	0.207476563	0.835637694	0.992886758
<i>Sult6b1</i>	-0.390666205	1.496332232	-0.26108253	0.794028864	0.990988839
<i>Cebpz</i>	0.152079098	0.39304046	0.386929881	0.698808119	0.987770663
<i>Cebpz</i>	-0.144155657	0.181476304	-0.794349753	0.426991847	0.944290206
<i>Ndufaf7</i>	0.121324721	0.125005363	0.970556127	0.331769362	0.917115058
<i>Prkd3</i>	-0.03575415	0.128961293	-0.277247142	0.781590343	0.990988839
<i>Qpct</i>	-0.199174216	0.186073437	-1.070406494	0.284436377	0.905916508
<i>Cdc42ep3</i>	0.111197664	0.112945601	0.984524085	0.324857895	0.91640698
<i>Rmdn2</i>	-0.012294881	0.158030978	-0.07780045	0.937986789	0.994688009
<i>Cyp1b1</i>	0.203153581	0.280523043	0.724195696	0.468945601	0.954315695
<i>Atl2</i>	-0.053899481	0.126240015	-0.426960354	0.669408204	0.981863224
<i>Hnrnp1l</i>	-0.187190302	0.108166959	-1.730568227	0.083528803	0.76099108
<i>Galm</i>	0.231097798	0.197130107	1.172311025	0.241072207	0.896939594
<i>Srsf7</i>	0.257414706	0.143727202	1.790995041	0.073294091	0.748833631
<i>Ttc39d</i>	-0.338833591	0.687921205	-0.492547095	0.622332638	0.97514112
<i>Gemin6</i>	0.22483343	0.243116337	0.9247977	0.355071147	0.924354588
<i>Dhx57</i>	-0.229339994	0.23396077	-0.980249782	0.326962837	0.916882624
<i>Morn2</i>	-0.05801148	0.201293351	-0.288193721	0.773198455	0.990730604
<i>Arhgef33</i>	-0.904529043	0.684170222	-1.322081866	0.186140892	0.872305715
<i>Gm10190</i>	0.037370068	1.27847126	0.029230277	0.976680934	0.997262526
<i>Sos1</i>	-0.356801312	0.228847179	-1.559124796	0.118966846	0.814755048
<i>Cdkl4</i>	-0.464516789	0.182089848	-2.551030684	0.010740487	0.502706181
<i>Map4k3</i>	-0.028404284	0.107405692	-0.264457901	0.791427101	0.990988839
<i>C230072F16Rik</i>	0.057298097	0.225809011	0.253745841	0.799691917	0.990988839
<i>Tmem178</i>	-0.10252352	0.260698988	-0.393263972	0.694124525	0.986949593
<i>Thumpd2</i>	0.374807259	0.30886637	1.213493263	0.224941289	0.893236034
<i>Slc8a1</i>	0.095143602	0.176236276	0.539863891	0.589290902	0.974001549
<i>Pkdcc</i>	-0.077502019	0.28314715	-0.2737164	0.784302574	0.990988839
<i>Eml4</i>	-0.017404445	0.249072157	-0.069877119	0.944291465	0.99486515
<i>Cox7a2l</i>	0.250629905	0.149083915	1.681133104	0.092737064	0.775044718
<i>Mta3</i>	0.002213196	0.219427831	0.010086216	0.991952501	0.998783765
<i>Haao</i>	0.460727783	0.256492612	1.796261419	0.072452951	0.74633396
<i>Zfp36l2</i>	0.041648601	0.148016349	0.281378384	0.778420196	0.990988839
<i>Thada</i>	-0.007147866	0.314932821	-0.022696479	0.981892384	0.997390438
<i>Plekhh2</i>	0.273446727	0.25291027	1.081200569	0.279607905	0.902918961
<i>Dync2li1</i>	-0.120194648	0.118491699	-1.014371887	0.310405334	0.914704835
<i>Abcg5</i>	-0.879352557	1.760096525	-0.499604735	0.617353423	0.974001549
<i>Lrpprc</i>	0.28585843	0.248437818	1.150623654	0.249887098	0.896939594
<i>1110020A21Rik</i>	-0.135696164	0.445971234	-0.304271113	0.760921351	0.989266039
<i>Ppm1b</i>	0.096900999	0.119451838	0.811213967	0.417242806	0.943415794
<i>Slc3a1</i>	0.228631079	1.871635642	0.122155762	0.902775661	0.994688009
<i>Prepl</i>	-0.172812091	0.142852554	-1.209723498	0.22638501	0.89398447
<i>Camkmt</i>	-0.092517223	0.534683048	-0.173031899	0.862626354	0.992886758
<i>Srbd1</i>	0.223509466	0.235784103	0.947941203	0.343159387	0.920191602
<i>Prkce</i>	-0.300550578	0.206722427	-1.453884718	0.14597827	0.84337835
<i>Epas1</i>	0.255270136	0.134973541	1.891260572	0.058589569	0.72285319
<i>Rhoq</i>	-0.222261315	0.152806933	-1.454523758	0.145801151	0.842832198
<i>Pigf</i>	0.147851676	0.242646359	0.609329875	0.542305809	0.967491297
<i>Cript</i>	0.086293166	0.187035818	0.46137241	0.644531443	0.97889195
<i>Socs5</i>	-0.245200329	0.105594081	-2.322102978	0.020227391	0.600459306
<i>Mcf2</i>	0.100037227	0.176166259	0.567856909	0.570132134	0.971613657
<i>4833418N02Rik</i>	-0.180665569	0.353917535	-0.51047363	0.609719684	0.974001549
<i>Ttc7</i>	-0.096233683	0.164438739	-0.585225136	0.558396345	0.968926429
<i>Calm2</i>	0.097983312	0.083614345	1.171848115	0.241258041	0.896939594
<i>Epcam</i>	-0.149814277	0.094963478	-1.577598882	0.114657789	0.809432539
<i>Msh2</i>	0.092204432	0.229779054	0.401274312	0.688218174	0.98538669
<i>Kcnk12</i>	-0.390564764	0.343256156	-1.137823044	0.25519438	0.897044747
<i>Msh6</i>	-0.617231038	0.293147018	-2.105534081	0.035244844	0.674795441
<i>Fbxo11</i>	-0.112444952	0.107831702	-1.042781945	0.297049295	0.909070179
<i>Foxn2</i>	0.12319386	0.192918269	0.638580582	0.523095817	0.965637248
<i>Ppp1r21</i>	-0.111350637	0.178394534	-0.624181888	0.53250814	0.96674935
<i>Ston1</i>	-0.188497401	0.30427381	-0.619499263	0.535587508	0.96674935

<i>Lhcgr</i>	0.469496596	1.364261303	0.344139788	0.730741162	0.988585656
<i>Nrxn1</i>	0.302119274	0.785146786	0.384793365	0.700390515	0.988482081
<i>Mettl4</i>	-0.07886793	0.232714525	-0.338904201	0.7346819	0.988585656
<i>2700099C18Rik</i>	0.003760822	0.549723379	0.006841299	0.994541476	0.999285699
<i>Gm1976</i>	-0.895983002	0.583585854	-1.535306238	0.124708623	0.821164769
<i>2610044O15Rik8</i>	0.114497089	0.188720125	0.606703124	0.544047949	0.967491297
<i>Crem</i>	-0.006401601	0.17901339	-0.035760457	0.971473364	0.996733101
<i>Gm6225</i>	0.54612322	0.707469272	0.771939138	0.440150475	0.947849924
<i>Cul2</i>	-0.086739339	0.128859798	-0.673129558	0.500864871	0.961175273
<i>Bambi</i>	-0.005754235	0.148020417	-0.038874604	0.968990364	0.996517112
<i>Map3k8</i>	0.127052388	0.236829052	0.536472984	0.591631703	0.974001549
<i>4833419F23Rik</i>	0.363824403	0.410869117	0.885499514	0.375887282	0.928883222
<i>Mtpap</i>	0.057419055	0.207193782	0.277127308	0.781682354	0.990988839
<i>9430020K01Rik</i>	-0.030318408	0.172296642	-0.175966332	0.860320393	0.992886758
<i>Svil</i>	-0.135365272	0.210872669	-0.641928955	0.520919313	0.964784335
<i>Zfp438</i>	0.02549716	0.350713985	0.072700722	0.942044274	0.994688009
<i>Gm10125</i>	-0.266336937	0.409378227	-0.650588917	0.515311887	0.964352198
<i>Zeb1</i>	-0.248841122	0.177647956	-1.400754214	0.161287584	0.857316691
<i>Arhgap12</i>	-0.115153924	0.139098644	-0.827857993	0.407750927	0.939557159
<i>Kif5b</i>	-0.298830836	0.136508912	-2.189093973	0.028590011	0.645679684
<i>Epc1</i>	-0.22638713	0.136241436	-1.661661362	0.096580692	0.781791257
<i>Rab18</i>	-0.020532167	0.084704332	-0.242398072	0.808471728	0.991020605
<i>Mkx</i>	0.462975963	0.605755407	0.764295221	0.444691333	0.948476747
<i>Armc4</i>	0.033080586	0.196250444	0.168563111	0.866140298	0.992886758
<i>Mpp7</i>	0.102351077	0.163679865	0.625312571	0.531765931	0.966606934
<i>Wac</i>	-0.064797488	0.098798334	-0.655856078	0.511916731	0.963452765
<i>Fzd8</i>	-0.521942337	0.404753576	-1.289531131	0.197213501	0.879755417
<i>Ccny</i>	-0.29463229	0.11684478	-2.521569978	0.011683243	0.518291414
<i>Colec12</i>	-0.0813287	0.11268554	-0.721731467	0.470459592	0.95486913
<i>Thoc1</i>	0.093883872	0.14453457	0.649559979	0.515976492	0.964352198
<i>Usp14</i>	-0.079991432	0.15246121	-0.524667436	0.599814399	0.974001549
<i>Rock1</i>	-0.089725584	0.12521739	-0.716558486	0.473646567	0.955974667
<i>Greb1l</i>	1.123881499	1.033068763	1.0879058	0.276636696	0.900604936
<i>Esco1</i>	0.097120766	0.105121594	0.923889782	0.355543704	0.924354588
<i>Snrpd1</i>	0.102428099	0.17231322	0.594429719	0.552224736	0.968926429
<i>Abhd3</i>	0.092661461	0.166973352	0.5549476	0.578930502	0.971613657
<i>Mib1</i>	-0.084768419	0.20588453	-0.411727967	0.680538824	0.984226822
<i>1010001N08Rik</i>	-0.033249906	0.359122896	-0.092586428	0.926232127	0.994688009
<i>Gata6</i>	0.0673095	0.227256486	0.296182965	0.767090357	0.989884648
<i>Rbbp8</i>	-0.503469906	0.197764235	-2.545808681	0.010902492	0.502706181
<i>Gm6277</i>	-0.885105055	0.721420942	-1.226891269	0.219863461	0.888847883
<i>Cables1</i>	-0.10211746	0.328883836	-0.310497049	0.756183003	0.989266039
<i>Tmem241</i>	-0.193333287	0.213643007	-0.90493618	0.365499198	0.926667174
<i>Riok3</i>	-0.088126861	0.08105235	-1.087283221	0.276911662	0.900604936
<i>3110002H16Rik</i>	-0.052298936	0.157313513	-0.332450371	0.739549208	0.988585656
<i>Npc1</i>	-0.148484287	0.178661544	-0.8310926	0.40592132	0.939557159
<i>Ankrd29</i>	-0.072335332	0.226438642	-0.319447825	0.74938695	0.988585656
<i>Lama3</i>	0.1552294	0.207806091	0.74699158	0.455068643	0.951224746
<i>Ttc39c</i>	-0.212802167	0.309906052	-0.686666701	0.492292785	0.958916246
<i>Cabyr</i>	-2.095181735	1.468445334	-1.426802677	0.153636779	0.854159937
<i>Osbpl1a</i>	-0.027150652	0.160677049	-0.16897654	0.865815094	0.992886758
<i>Impact</i>	-0.020243817	0.132636875	-0.15262586	0.878693331	0.992886758
<i>Zfp521</i>	-0.11086167	0.342999937	-0.323211924	0.746534751	0.988585656
<i>Ss18</i>	0.026795095	0.086482762	0.309831625	0.756689001	0.989266039
<i>Psma8</i>	-0.214448508	0.504104177	-0.42540514	0.67054136	0.982434419
<i>Taf4b</i>	-0.176821821	0.340240357	-0.51969679	0.603274925	0.974001549
<i>Kctd1</i>	0.180415673	0.228462357	0.789695403	0.429705677	0.945321484
<i>4933424G05Rik</i>	0.316892491	0.693276722	0.457093799	0.647603627	0.979004493
<i>Aqp4</i>	-0.023693707	0.220537505	-0.10743618	0.914442953	0.994688009
<i>Chst9</i>	0.363454393	1.46927062	0.247370626	0.804621405	0.990988839
<i>Cdh2</i>	-0.431205151	0.577533697	-0.746632021	0.455285714	0.951224746
<i>Dsc2</i>	-0.362499814	0.540014834	-0.671277512	0.502043758	0.961378071

<i>Dsg2</i>	-0.156816059	0.346084954	-0.453114351	0.650466402	0.979004493
<i>Ttr</i>	2.848215291	2.716794043	1.048373651	0.294466488	0.907334416
<i>B4galt6</i>	0.002912069	0.351715199	0.008279623	0.993393892	0.999270171
<i>Trappc8</i>	-0.153715281	0.128687383	-1.194486032	0.232287901	0.895404344
<i>Rnf125</i>	-0.484861658	0.326682989	-1.484196222	0.137756872	0.833085238
<i>Rnf138</i>	0.118670515	0.154015574	0.770509841	0.440997519	0.948068187
<i>Garem</i>	0.11539315	0.675822492	0.170744761	0.864424465	0.992886758
<i>Klhl14</i>	-0.62468528	1.560842241	-0.400223202	0.688992127	0.98538669
<i>4930426D05Rik</i>	0.89271053	1.327509582	0.672470122	0.501284455	0.961295666
<i>Dtna</i>	-0.254033071	0.198081366	-1.282468291	0.199678421	0.880888611
<i>Gm15972</i>	1.593879641	0.733239189	2.1737513	0.029723818	0.649459041
<i>Mapre2</i>	-0.05653415	0.178266971	-0.317131936	0.751143493	0.988585656
<i>Zfp397</i>	-0.199951679	0.154216433	-1.296565325	0.19478079	0.879588734
<i>Zfp35</i>	-0.094815198	0.13516718	-0.701466122	0.48301217	0.957463006
<i>Zfp191</i>	-0.100847122	0.102917394	-0.979884135	0.327143315	0.916882624
<i>Ino80c</i>	0.032812631	0.115347068	0.284468703	0.776051215	0.990861469
<i>Galnt1</i>	0.052418146	0.112369144	0.466481665	0.640870768	0.977921835
<i>2700062C07Rik</i>	0.075047964	0.233748303	0.321063142	0.748162541	0.988585656
<i>Rprd1a</i>	-0.319880177	0.158801625	-2.014338187	0.043974039	0.688477147
<i>Slc39a6</i>	-0.098306276	0.204450673	-0.480831267	0.630636426	0.977034429
<i>Elp2</i>	-0.138164153	0.23618044	-0.584994051	0.558551717	0.968926429
<i>Mocos</i>	0.052705893	0.167409754	0.314831673	0.752889462	0.988585656
<i>Fhod3</i>	-0.438012499	0.535485301	-0.817972964	0.413372625	0.943143495
<i>Tpgs2</i>	0.211212174	0.158921585	1.3290339	0.183836786	0.870505569
<i>AW554918</i>	-0.370121712	0.231286199	-1.600275821	0.109537408	0.798400564
<i>Celf4</i>	-0.500477961	0.379551525	-1.31860348	0.18730171	0.873455432
<i>Pik3c3</i>	-0.096633602	0.175663765	-0.550105494	0.582247019	0.972017845
<i>Syt4</i>	-4.581658768	1.674493019	-2.736146831	0.006216328	0.427133716
<i>Slc25a46</i>	-0.300352074	0.139909284	-2.146763007	0.031812154	0.661395937
<i>Sap130</i>	0.09825233	0.266172226	0.369130661	0.712030336	0.988585656
<i>Ammecr1l</i>	-0.353710328	0.15110577	-2.340812855	0.01924181	0.592187315
<i>Polr2d</i>	0.247221603	0.144139195	1.715158765	0.086316123	0.765083244
<i>Wdr33</i>	3.12E-05	0.155903726	0.000200126	0.999840323	0.999957126
<i>Sft2d3</i>	0.066339006	0.19421647	0.341572505	0.732672632	0.988585656
<i>Lims2</i>	-0.321666485	0.185659642	-1.732560086	0.083173889	0.76099108
<i>Gpr17</i>	-0.6368911	1.124277676	-0.566489145	0.57106131	0.971613657
<i>lws1</i>	-0.166185896	0.207659156	-0.800282051	0.4235474	0.94351935
<i>Proc</i>	0.236088666	0.638473167	0.369770693	0.711553354	0.988585656
<i>Map3k2</i>	-0.071146546	0.158242246	-0.44960526	0.652995095	0.979004493
<i>Ercc3</i>	-0.095499178	0.168368477	-0.567203432	0.570575976	0.971613657
<i>A830052D11Rik</i>	2.200249156	0.970924599	2.266138028	0.023442934	0.622011301
<i>Bin1</i>	0.413677426	0.139871752	2.957548039	0.003100964	0.346777009
<i>Gypc</i>	-0.049271349	0.171601038	-0.287127338	0.77401482	0.990730604
<i>Tslp</i>	0.291910741	0.285583864	1.022154183	0.306707932	0.9139204
<i>Wdr36</i>	-0.053860932	0.139267171	-0.386745357	0.698944734	0.987770663
<i>Camk4</i>	0.381343476	0.563990527	0.676152271	0.498943972	0.960700483
<i>Stard4</i>	-0.115396649	0.237106238	-0.486687527	0.626479785	0.97658408
<i>Nrep</i>	0.297307037	0.158793028	1.872292758	0.061166112	0.725221283
<i>Gm10549</i>	0.304524903	0.99400254	0.306362299	0.75932881	0.989266039
<i>Epb4.1l4aos</i>	0.461109653	0.218411477	2.111196986	0.034755384	0.674795441
<i>Epb4.1l4a</i>	0.026651383	0.160223886	0.166338386	0.867890659	0.992886758
<i>Gm10548</i>	-0.42122559	0.689230808	-0.611153165	0.541098186	0.967211526
<i>Apc</i>	0.180957195	0.196488251	0.920956822	0.35707297	0.924354588
<i>Srp19</i>	0.329525478	0.166956522	1.973720309	0.048413555	0.706387941
<i>Reep5</i>	0.020857418	0.101560516	0.205369355	0.837283561	0.992886758
<i>Pkd2l2</i>	0.319258734	0.282704788	1.129300768	0.258770977	0.897248195
<i>Fam13b</i>	-0.529291777	0.175493273	-3.016023165	0.002561137	0.327099208
<i>Nme5</i>	-0.210702358	0.131503786	-1.602253172	0.109099636	0.798400564
<i>4933408B17Rik</i>	0.493954245	0.353037189	1.399156407	0.161766086	0.858353878
<i>Brd8</i>	0.118234996	0.206593323	0.572307925	0.567113382	0.970862413
<i>Klf20a</i>	-0.05811601	0.406002391	-0.143142038	0.886178005	0.992886758
<i>Cdc23</i>	-0.086387721	0.147461907	-0.585830755	0.557989254	0.968926429

<i>Cdc25c</i>	1.357196037	1.141595801	1.188858644	0.234495296	0.89581803
<i>Fam53c</i>	-0.539414324	0.168016069	-3.210492477	0.001325077	0.26039992
<i>Kdm3b</i>	-0.005931878	0.149571234	-0.039659219	0.968364814	0.996474415
<i>Reep2</i>	0.27534775	0.762680942	0.361026132	0.718079912	0.988585656
<i>Egr1</i>	0.692159258	0.753068951	0.91911804	0.358033834	0.924354588
<i>Etf1</i>	0.064802431	0.092323794	0.701903899	0.482739097	0.957463006
<i>Hspa9</i>	-0.164592224	0.141969366	-1.15935028	0.246313435	0.896939594
<i>Ctnna1</i>	-0.042381692	0.149088244	-0.284272526	0.776201539	0.990861469
<i>Sil1</i>	-0.029952792	0.13910133	-0.215330735	0.829509469	0.992886758
<i>Snhg4</i>	0.554569923	0.295068417	1.879462155	0.060181416	0.725221283
<i>Matr3</i>	-0.041871077	0.109299422	-0.383085989	0.701656008	0.988482081
<i>Paip2</i>	0.235064564	0.145607842	1.614367466	0.106447744	0.794899279
<i>Slc23a1</i>	-0.240670689	0.238145505	-1.010603536	0.312206223	0.914819219
<i>Mzb1</i>	0.358876735	0.255008532	1.407312655	0.159334698	0.856587955
<i>Prob1</i>	-0.128077139	0.27298636	-0.469170472	0.63894779	0.977795535
<i>Spata24</i>	0.286508445	0.226227863	1.266459585	0.20534859	0.883765092
<i>Dnajc18</i>	-0.065399644	0.154544471	-0.423176858	0.67216623	0.983233856
<i>Ecscr</i>	0.060791027	0.131451865	0.46245846	0.643752585	0.97889195
<i>1700066B19Rik</i>	0.676799919	0.486626295	1.390800138	0.164286041	0.859982992
<i>Tmem173</i>	-0.095661136	0.292560457	-0.326979034	0.743683743	0.988585656
<i>Ube2d2a</i>	0.00456811	0.109666417	0.041654589	0.966774055	0.996474415
<i>Cxxc5</i>	-0.001440935	0.239901104	-0.006006371	0.995207638	0.999285699
<i>Nrg2</i>	-0.025250573	0.432600108	-0.058369318	0.953454454	0.996070133
<i>Pura</i>	0.17883055	0.216034997	0.82778509	0.40779222	0.939557159
<i>Igip</i>	0.183065847	0.22974623	0.79681763	0.425556954	0.944290206
<i>Cystm1</i>	0.040352975	0.121079649	0.333276279	0.738925743	0.988585656
<i>Pfdn1</i>	0.244884504	0.167557854	1.461492246	0.143880402	0.841934045
<i>Hbegf</i>	-0.07885273	0.179685677	-0.438837033	0.660779625	0.979924124
<i>Slc4a9</i>	0.074691718	1.115503889	0.066957828	0.946615276	0.995172786
<i>Ankhd1</i>	-0.199980209	0.211419077	-0.945894819	0.344202236	0.920669678
<i>Eif4ebp3</i>	-0.138133355	0.399231768	-0.345997905	0.729344289	0.988585656
<i>Sra1</i>	0.148385018	0.127123893	1.167247274	0.243110525	0.896939594
<i>Apbb3</i>	-0.185801942	0.212426064	-0.874666408	0.381755443	0.930635634
<i>Slc35a4</i>	-0.156577617	0.222023274	-0.705230648	0.480666711	0.957463006
<i>E230025N22Rik</i>	0.4949502	0.524535603	0.943596958	0.345375647	0.921396763
<i>Cd14</i>	-0.023743784	0.166571646	-0.142543972	0.886650349	0.992886758
<i>Tmco6</i>	0.122756323	0.139153097	0.882167376	0.377686302	0.928883222
<i>Ndufa2</i>	0.432384066	0.250217469	1.728033092	0.083982292	0.76099108
<i>Ik</i>	-0.184401083	0.166377593	-1.108328834	0.267719827	0.89804647
<i>Wdr55</i>	0.122746504	0.167387709	0.733306551	0.463371481	0.953083512
<i>Dnd1</i>	0.191397773	0.68080378	0.281135003	0.778606855	0.990988839
<i>Hars</i>	-0.224716948	0.143399197	-1.567072561	0.117097732	0.812679331
<i>Hars2</i>	0.2827172	0.140436524	2.013131565	0.04410079	0.688477147
<i>Zmat2</i>	0.345380418	0.113651844	3.038933681	0.002374171	0.31402518
<i>Pcdhac2</i>	-1.025260367	0.670437748	-1.529240217	0.126204904	0.822401003
<i>Pcdhb1</i>	0.663786409	2.192701005	0.302725455	0.762099097	0.989285682
<i>Pcdhb3</i>	-0.722147644	0.818781922	-0.881978002	0.377788703	0.928883222
<i>Pcdhb4</i>	0.651460018	1.115269981	0.584127636	0.559134443	0.968926429
<i>Pcdhb5</i>	-0.184721476	0.912779261	-0.20237256	0.839625478	0.992886758
<i>Pcdhb6</i>	-1.002030817	1.927729084	-0.519798568	0.603203978	0.974001549
<i>Pcdhb7</i>	-1.331581333	0.477708029	-2.787437622	0.005312668	0.407229728
<i>Pcdhb8</i>	0.223526429	1.275614302	0.175230419	0.860898583	0.992886758
<i>Pcdhb9</i>	0.048963695	0.352040645	0.139085347	0.889382707	0.993043931
<i>Pcdhb10</i>	-0.699579479	1.137189092	-0.615183072	0.538433826	0.966776546
<i>Pcdhb11</i>	-0.267242552	1.037693123	-0.257535244	0.796765612	0.990988839
<i>Pcdhb12</i>	-0.159788441	0.642000875	-0.248891314	0.803444854	0.990988839
<i>Pcdhb13</i>	0.701478275	1.590759829	0.440970574	0.6592343	0.979924124
<i>Pcdhb14</i>	-0.391833896	0.6345736	-0.617475885	0.536920882	0.96674935
<i>Pcdhb15</i>	0.222907711	1.758527727	0.126758144	0.899131825	0.99447264
<i>Pcdhb16</i>	0.10607759	0.485067919	0.218686056	0.826894612	0.992886758
<i>Pcdhb17</i>	-0.77507107	0.407926872	-1.900024546	0.057429899	0.721735927
<i>Pcdhb18</i>	0.143441506	0.802780825	0.178680783	0.858188359	0.992886758

<i>Pcdhb19</i>	-1.09092335	0.792808853	-1.376023169	0.16881446	0.861597949
<i>Pcdhb20</i>	-0.263687188	0.429856485	-0.613430756	0.539591555	0.966900344
<i>Pcdhb21</i>	-0.06964408	1.717747865	-0.040543831	0.967659563	0.996474415
<i>Pcdhb22</i>	-0.780066064	0.815308869	-0.956773677	0.338681501	0.919246575
<i>Slc25a2</i>	0.036688382	1.776342003	0.020653896	0.983521747	0.997698637
<i>Taf7</i>	-0.128177403	0.154240605	-0.831022432	0.405960957	0.939557159
<i>Pcdhga1</i>	0.079516549	1.369019385	0.058082851	0.953682634	0.996070133
<i>Pcdhga2</i>	1.267780086	1.993091048	0.636087392	0.524719463	0.965637248
<i>Pcdhga3</i>	-1.364796467	1.478325237	-0.92320447	0.35590066	0.924354588
<i>Pcdhga4</i>	0.391973536	0.600043502	0.653241863	0.513600365	0.964352198
<i>Pcdhgb2</i>	-0.178373766	0.766734368	-0.23264089	0.816040273	0.99258657
<i>Pcdhga5</i>	-0.074970069	1.276552978	-0.058728522	0.953168342	0.996070133
<i>Pcdhga6</i>	0.068267252	0.97878076	0.069747236	0.944394845	0.99486515
<i>Pcdhga7</i>	0.348256524	1.27621111	0.272883162	0.78494303	0.990988839
<i>Pcdhgb4</i>	0.051730624	1.266723919	0.040838121	0.967424949	0.996474415
<i>Pcdhga8</i>	-0.061587753	1.503289744	-0.040968651	0.967320888	0.996474415
<i>Pcdhgb5</i>	-0.674404162	1.201557616	-0.561274926	0.574610132	0.971613657
<i>Pcdhga9</i>	4.003262114	2.234907169	1.79124313	0.073254288	0.748833631
<i>Pcdhgb6</i>	-0.296776154	0.737967362	-0.402153495	0.687571065	0.98538669
<i>Pcdhga10</i>	0.329278492	0.824083059	0.399569544	0.689473592	0.985586538
<i>Pcdhgb7</i>	0.232249998	0.930109565	0.249701763	0.802817995	0.990988839
<i>Pcdhga11</i>	0.857904483	0.969998137	0.884439311	0.37645911	0.928883222
<i>Pcdhgb8</i>	-0.096996847	3.01897857	-0.032129028	0.974369154	0.997262526
<i>Pcdhga12</i>	-0.040031615	1.268730179	-0.031552504	0.97482892	0.997262526
<i>Pcdhgc3</i>	-0.606264055	0.288914899	-2.09841741	0.035868289	0.674795441
<i>Pcdhgc4</i>	-1.229869361	1.632491692	-0.753369445	0.451227938	0.949134998
<i>Diap1</i>	-0.095650057	0.183453975	-0.521384488	0.602098955	0.974001549
<i>Hdac3</i>	-0.107434021	0.10004754	-1.073829706	0.282899013	0.905916508
<i>Fchsd1</i>	0.804090063	0.420783259	1.910936439	0.05601275	0.715507996
<i>Arap3</i>	-0.052497184	0.143283551	-0.366386678	0.714076559	0.988585656
<i>Pcdh1</i>	0.085644206	0.203707186	0.420428003	0.674172815	0.983375962
<i>1700086O06Rik</i>	-0.086724031	0.448943416	-0.193173634	0.846822987	0.992886758
<i>0610009O20Rik</i>	-0.053048985	0.113625938	-0.466873902	0.640590098	0.977921835
<i>Pcdh12</i>	0.210881992	0.165477005	1.274388497	0.202525767	0.88210274
<i>Rnf14</i>	-0.025577602	0.085086988	-0.300605329	0.763715467	0.989331656
<i>Gnpda1</i>	-0.086369677	0.228853973	-0.377400818	0.705875759	0.988585656
<i>Ndfip1</i>	-0.003943625	0.087879659	-0.044875286	0.964206716	0.996474415
<i>Spry4</i>	-0.552616178	0.282285895	-1.957647151	0.050271431	0.707153766
<i>Fgf1</i>	0.043651695	0.097330463	0.448489545	0.65379993	0.979133069
<i>Gm5820</i>	0.343385797	0.439371776	0.781538133	0.434486058	0.946762848
<i>Arhgap26</i>	0.24323518	0.261210188	0.931185653	0.351757538	0.923082865
<i>Nr3c1</i>	-0.199804891	0.115189877	-1.734569879	0.082817018	0.76099108
<i>Yipf5</i>	-0.048257329	0.108748327	-0.443752379	0.657221622	0.979614766
<i>Prelid2</i>	0.46505446	0.270926667	1.716532617	0.086064603	0.763683033
<i>Sh3rf2</i>	-0.191590095	0.285689411	-0.670623719	0.502460269	0.961630384
<i>Lars</i>	-0.016891207	0.136093833	-0.124114421	0.90122468	0.994688009
<i>Gm4013</i>	0.277044421	0.306056848	0.905205759	0.365356392	0.926556975
<i>Rbm27</i>	0.024950986	0.199944292	0.124789689	0.900690051	0.994688009
<i>Tcerg1</i>	0.205145133	0.173842165	1.18006545	0.237974185	0.896609492
<i>Ppp2r2b</i>	-0.184928836	0.385368716	-0.47987506	0.631316236	0.977034429
<i>Stk32a</i>	-0.265782086	0.408796103	-0.650158071	0.515590122	0.964352198
<i>Dpysl3</i>	-0.032520624	0.231291792	-0.140604313	0.888182541	0.992886758
<i>Scgb3a2</i>	0.113044241	0.255251627	0.442873734	0.657857067	0.979614766
<i>Spink5</i>	0.184177338	0.342851597	0.537192593	0.591134587	0.974001549
<i>Dcp2</i>	0.04801082	0.167415298	0.286776781	0.774283243	0.990730604
<i>Mcc</i>	-0.003036067	0.218846007	-0.013873073	0.988931244	0.998182772
<i>A930012L18Rik</i>	-0.57505329	0.649891021	-0.884845723	0.376239845	0.928883222
<i>Ythdc2</i>	0.01929718	0.221007001	0.087314791	0.930421297	0.994688009
<i>Kcnn2</i>	0.022010029	0.747997386	0.029425275	0.976525415	0.997262526
<i>A330093E20Rik</i>	-0.573098339	1.779108441	-0.322126705	0.747356708	0.988585656
<i>Trim36</i>	-0.103750079	0.397898599	-0.260745023	0.794289143	0.990988839
<i>Pggt1b</i>	0.298538246	0.185106451	1.612792225	0.106789656	0.794908043

<i>Ccdc112</i>	-0.031231622	0.303253176	-0.102988607	0.917972013	0.994688009
<i>Mospd4</i>	1.660096109	1.684291529	0.98563466	0.324312423	0.91640698
<i>Fem1c</i>	-0.443481709	0.225860414	-1.963521194	0.049585644	0.707153766
<i>Ticam2</i>	-0.338424878	0.378386931	-0.89438839	0.371114122	0.928788832
<i>Tmed7</i>	-0.032689255	0.107956203	-0.302801078	0.762041462	0.989285682
<i>Eif1a</i>	-0.110038414	0.13164957	-0.835843321	0.403243052	0.937834293
<i>Cdo1</i>	0.06920746	0.12022355	0.575656435	0.564847427	0.969658675
<i>Atg12</i>	0.09134079	0.129451411	0.705599035	0.480437525	0.957463006
<i>Ap3s1</i>	0.12919774	0.186474889	0.692842562	0.488408359	0.958481967
<i>Lvrn</i>	-1.098222127	0.700727415	-1.567260113	0.117053905	0.812679331
<i>Comm10</i>	0.123554608	0.102770324	1.202240127	0.229270507	0.895404344
<i>Sema6a</i>	0.220087654	0.30792809	0.714737176	0.474771461	0.956387791
<i>Dtw2</i>	-0.495950774	0.327830048	-1.512828912	0.130323123	0.827800491
<i>Dmx1</i>	-0.042421818	0.184278835	-0.230204506	0.81793286	0.992734473
<i>Tnfrsf8</i>	0.031130641	0.123268218	0.252543934	0.80062066	0.990988839
<i>Hsd17b4</i>	0.048382428	0.155472462	0.311196128	0.755651526	0.989266039
<i>Prr16</i>	0.148380372	0.519415543	0.285667947	0.775132457	0.990861469
<i>Srfrp1</i>	0.140264215	0.216405077	0.648155841	0.51688416	0.964352198
<i>Lox</i>	-0.236685347	0.200882788	-1.178226116	0.238706474	0.896609492
<i>Zfp474</i>	-0.296295922	0.192562513	-1.538699916	0.123877573	0.820382953
<i>Sncaip</i>	-0.271967962	0.599843257	-0.453398382	0.650261901	0.979004493
<i>Snx2</i>	0.10207581	0.101138611	1.009266474	0.312846854	0.914819219
<i>Snx24</i>	0.133026748	0.265423804	0.501186203	0.616240084	0.974001549
<i>Ppic</i>	0.067950019	0.132942287	0.511124187	0.6092641	0.974001549
<i>Prdm6</i>	-0.119800567	0.281809465	-0.425111935	0.670755078	0.982434419
<i>Cep120</i>	-0.10137696	0.165590162	-0.612216082	0.540394803	0.966989525
<i>Csnk1g3</i>	-0.142705473	0.169954845	-0.839666989	0.401095128	0.937534739
<i>Zfp608</i>	0.224718961	0.213063444	1.054704442	0.29156052	0.907334416
<i>Gramd3</i>	-0.003842551	0.176880574	-0.021723984	0.982668131	0.997390438
<i>Aldh7a1</i>	0.073637219	0.161717629	0.455344413	0.648861479	0.979004493
<i>Phax</i>	-0.262912483	0.176985013	-1.485507039	0.13740956	0.833085238
<i>Lmn1</i>	-0.059280923	0.284392378	-0.208447651	0.834879454	0.992886758
<i>Mar-03</i>	0.617568471	0.275276049	2.24345152	0.024867713	0.627796923
<i>C330018D20Rik</i>	0.192646758	0.187866453	1.025445232	0.305153155	0.912948451
<i>Megf10</i>	-0.367391441	1.020236304	-0.360104261	0.718769166	0.988585656
<i>Prrc1</i>	-0.07060097	0.152045241	-0.464341859	0.642402838	0.978415289
<i>Cttn3</i>	-0.143826589	1.238800327	-0.11610151	0.907572092	0.994688009
<i>1700011I03Rik</i>	-1.771583523	2.451806211	-0.722562621	0.46994864	0.95486913
<i>4930511M06Rik</i>	-1.144918703	0.934715196	-1.224885085	0.220618521	0.889722436
<i>Slc12a2</i>	-0.038929826	0.117882998	-0.330241226	0.741217699	0.988585656
<i>Slc27a6</i>	-0.19090561	0.356440462	-0.535589055	0.592242595	0.974001549
<i>Isoc1</i>	0.046346374	0.107316295	0.431867071	0.665838029	0.981816968
<i>Adamts19</i>	0.780732518	1.632727843	0.478176765	0.632524399	0.977034429
<i>A730017C20Rik</i>	-0.298246519	0.583383332	-0.511235929	0.609185863	0.974001549
<i>Chsy3</i>	-0.564110909	0.570122658	-0.989455342	0.322440409	0.91640698
<i>Gm4951</i>	0.236764411	0.25757751	0.919196752	0.35799267	0.924354588
<i>Gm4841</i>	0.175628732	1.208334259	0.145347805	0.884436273	0.992886758
<i>F830016B08Rik</i>	0.234431047	1.005346876	0.23318424	0.815618344	0.992517008
<i>Ilgp1</i>	0.502052766	0.175674853	2.857852206	0.00426519	0.385355746
<i>Smim3</i>	0.076353297	0.14977586	0.509783733	0.610202984	0.974001549
<i>Dctn4</i>	-0.059098972	0.107996993	-0.547227942	0.584222142	0.972333834
<i>Rbm22</i>	-0.130516921	0.135248663	-0.965014497	0.334537551	0.918030088
<i>Synpo</i>	-0.015349759	0.132725264	-0.115650621	0.907929443	0.994688009
<i>Ndst1</i>	-0.136683864	0.222431778	-0.614497916	0.53888635	0.966875138
<i>Rps14</i>	0.545506618	0.308740764	1.766875911	0.077249012	0.753431673
<i>Cd74</i>	-0.091930111	0.204632257	-0.449245453	0.653254602	0.979004493
<i>Tcof1</i>	-0.474183397	0.249442387	-1.90097362	0.057305468	0.721735927
<i>Arsi</i>	1.037725948	0.94447689	1.098730904	0.271885458	0.89804647
<i>Camk2a</i>	0.192435176	0.883290993	0.217861585	0.827536959	0.992886758
<i>Pdgfrb</i>	-0.122007486	0.248171143	-0.491626401	0.622983476	0.975491629
<i>Csf1r</i>	-0.161894707	0.224932008	-0.719749531	0.471679224	0.95486913
<i>Hmgxb3</i>	-0.152781019	0.179670292	-0.850341015	0.39513552	0.933933717

<i>Slc26a2</i>	-0.214494543	0.280925503	-0.763528198	0.445148452	0.948476747
<i>Ppargc1b</i>	0.329505158	1.783205009	0.184782544	0.8533996	0.992886758
<i>Arhgef37</i>	-1.004422056	0.897300283	-1.119382302	0.262977078	0.897248195
<i>Csnk1a1</i>	-0.030422398	0.088461452	-0.343905709	0.730917199	0.988585656
<i>Bvht</i>	0.448134862	0.217371173	2.061611277	0.03924476	0.679118604
<i>Mir143hg</i>	0.533378675	0.812290525	0.656635352	0.511415412	0.963452765
<i>Il17b</i>	0.177402564	2.200308144	0.080626236	0.935739201	0.994688009
<i>Pcyox1l</i>	0.077812578	0.379223035	0.205189483	0.837424086	0.992886758
<i>Grpel2</i>	-0.095050965	0.134549652	-0.706437838	0.479915897	0.957463006
<i>1500015A07Rik</i>	0.328916857	0.441749602	0.744577597	0.456527116	0.951472839
<i>Afap1l1</i>	-0.121356466	0.139753684	-0.868359692	0.385197454	0.931689378
<i>Ablim3</i>	-0.183486697	0.188410717	-0.9738655	0.330123326	0.917115058
<i>Sh3tc2</i>	-0.124522858	0.183447088	-0.678794413	0.497268134	0.960475196
<i>Adrb2</i>	-0.198497644	0.209071562	-0.949424408	0.342404801	0.919850248
<i>Htr4</i>	-0.248900289	2.121121107	-0.117343743	0.906587663	0.994688009
<i>Fbxo38</i>	-0.188804382	0.19923814	-0.947631723	0.343316971	0.920191602
<i>2700046A07Rik</i>	1.247305375	0.901232789	1.383999106	0.166358728	0.860082
<i>Apccdd1</i>	0.004556982	0.29743288	0.015321043	0.987776054	0.998148029
<i>Napg</i>	0.142702037	0.117601819	1.213433932	0.22496396	0.893236034
<i>Piezo2</i>	0.437379148	0.223052443	1.960880333	0.049892984	0.707153766
<i>Txn1l</i>	0.014975111	0.131697649	0.113708262	0.909469063	0.994688009
<i>Wdr7</i>	0.08022591	0.249609145	0.321406132	0.747902637	0.988585656
<i>Fech</i>	-0.032744917	0.123639182	-0.264842553	0.791130754	0.990988839
<i>Nars</i>	0.107561923	0.118177486	0.910172713	0.362731432	0.926455466
<i>Atp8b1</i>	-0.094532845	0.188283637	-0.502076796	0.615613502	0.974001549
<i>Nedd4l</i>	-0.116614448	0.214065526	-0.544760522	0.585918234	0.972904784
<i>Malt1</i>	-0.090682045	0.205577147	-0.44110956	0.659133683	0.979924124
<i>Zfp532</i>	0.168453043	0.268695994	0.626928002	0.530706431	0.966026275
<i>Oacyl</i>	0.890485567	1.818212321	0.489758846	0.624304556	0.975969024
<i>Sec11c</i>	0.256117876	0.270027165	0.948489296	0.34288042	0.919850248
<i>Grp</i>	-0.197250682	0.318843189	-0.618644803	0.53615038	0.96674935
<i>Lman1</i>	-0.29972977	0.127649575	-2.348067123	0.01887112	0.590246276
<i>Ccbe1</i>	-0.224237103	0.296073321	-0.757370177	0.448828118	0.948476747
<i>Pmaip1</i>	0.113078762	0.228863292	0.494088679	0.621243552	0.97514112
<i>Gnal</i>	-0.142617124	0.211645184	-0.67385008	0.500406632	0.9611436
<i>Chmp1b</i>	-0.211561252	0.11577757	-1.827307768	0.067653508	0.742385562
<i>Mppe1</i>	0.150436002	0.163272115	0.921382087	0.356850977	0.924354588
<i>Impa2</i>	0.270239315	0.220161584	1.22745899	0.219650127	0.888847883
<i>B430212C06Rik</i>	0.680642892	1.170074823	0.58170886	0.560762802	0.968926429
<i>Cidea</i>	0.500214601	0.483140294	1.035340266	0.300510031	0.910285132
<i>Tubb6</i>	0.076734652	0.295832366	0.259385588	0.795337749	0.990988839
<i>Afg3l2</i>	-0.322001864	0.186282769	-1.728564943	0.083886988	0.76099108
<i>Slmo1</i>	-0.924387978	1.688917117	-0.547325839	0.584154895	0.972333834
<i>Spire1</i>	-0.184710096	0.244998398	-0.753923689	0.450895045	0.949134998
<i>Cep76</i>	-0.378972657	0.237822909	-1.593507785	0.111046323	0.800111791
<i>Psmg2</i>	-0.073596408	0.1506856	-0.488410355	0.625259209	0.976218048
<i>Ptpn2</i>	-0.063484505	0.121403191	-0.522922865	0.601027932	0.974001549
<i>Seh1l</i>	0.032529223	0.132047984	0.246343955	0.805415987	0.99099448
<i>Cep192</i>	-0.421481758	0.355200275	-1.18660313	0.235384201	0.896002526
<i>Ldlrad4</i>	-0.112508128	0.242692939	-0.463582208	0.642947104	0.978681333
<i>Fam210a</i>	-0.22516535	0.158806719	-1.417857833	0.156232275	0.855455553
<i>Rnmt</i>	0.060784508	0.168507342	0.360723204	0.718306376	0.988585656
<i>Tcf4</i>	0.091598549	0.160508841	0.570676036	0.568219266	0.971380162
<i>Ccdc68</i>	0.198177529	0.184529324	1.073962256	0.282839598	0.905916508
<i>Rab27b</i>	-0.020105662	0.140179061	-0.143428424	0.885951836	0.992886758
<i>4930503L19Rik</i>	0.052448237	0.208423971	0.251642059	0.801317746	0.990988839
<i>Stard6</i>	0.528343304	0.286080319	1.84683555	0.064770978	0.733548823
<i>Poli</i>	0.318072799	0.352635963	0.901986276	0.367064158	0.928284409
<i>Mbd2</i>	0.034107628	0.084840649	0.402019889	0.687669389	0.98538669
<i>Mex3c</i>	-0.258454281	0.132582312	-1.949387341	0.051249185	0.707153766
<i>Smad4</i>	-0.247998051	0.103192476	-2.403257097	0.016249758	0.562097048
<i>Elac1</i>	0.201798461	0.150543734	1.340464036	0.180094529	0.868087032

<i>Me2</i>	-0.000778922	0.180203493	-0.004322459	0.996551187	0.999428209
<i>Mapk4</i>	0.145888868	1.412193677	0.103306558	0.917719671	0.994688009
<i>Ska1</i>	0.125164699	0.381352126	0.32821293	0.742750672	0.988585656
<i>Cxxc1</i>	-0.208594419	0.175068927	-1.191498814	0.233457822	0.89581803
<i>Mbd1</i>	-0.609120838	0.217893522	-2.795497695	0.005181987	0.406593461
<i>Cfap53</i>	-0.054774791	0.200722505	-0.27288814	0.784939203	0.990988839
<i>Myo5b</i>	0.15538286	0.128806997	1.206323133	0.227692922	0.894410876
<i>Acaa2</i>	0.266858488	0.1173804	2.27345016	0.022999066	0.620006604
<i>Lipg</i>	-0.269947999	0.164232598	-1.64369317	0.100239597	0.788783372
<i>Rpl17</i>	0.288697256	0.303742553	0.950466942	0.341875043	0.919850248
<i>BC031181</i>	0.109868831	0.129579882	0.847884944	0.39650205	0.934365683
<i>Dym</i>	-0.075105291	0.212667604	-0.35315812	0.723969903	0.988585656
<i>Smad7</i>	0.06206209	0.125971473	0.492667807	0.622247328	0.97514112
<i>Ctif</i>	0.009169505	0.333959295	0.027456954	0.978095273	0.997262526
<i>Zbtb7c</i>	0.243126944	0.531391113	0.457529188	0.647290728	0.979004493
<i>Smad2</i>	-0.062842019	0.129005262	-0.487127562	0.626167936	0.976534277
<i>Ier3ip1</i>	0.114949134	0.119748766	0.959919157	0.337095904	0.919246575
<i>Hdhd2</i>	0.065961963	0.110840246	0.595108415	0.551771004	0.968926429
<i>Katnal2</i>	-0.139081758	0.4266681	-0.325971775	0.74444571	0.988585656
<i>Pias2</i>	0.027530469	0.108373378	0.254033508	0.799469671	0.990988839
<i>8030462N17Rik</i>	-0.314966993	0.208106302	-1.513490898	0.130155011	0.827800491
<i>Haus1</i>	0.487337334	0.181685424	2.682313868	0.007311483	0.452031612
<i>Atp5a1</i>	-0.014809184	0.074705234	-0.198234887	0.842861293	0.992886758
<i>Pstpip2</i>	0.389983862	0.329773322	1.182581595	0.23697501	0.896609492
<i>Epg5</i>	0.304570505	0.3515205	0.866437391	0.386250346	0.932501372
<i>Slc14a1</i>	0.029930859	0.485951657	0.061592256	0.950887544	0.99573416
<i>Slc14a2</i>	-3.508327665	2.576726962	-1.361544206	0.173341774	0.863528862
<i>Setbp1</i>	-0.11980189	0.310547058	-0.385776926	0.699661885	0.988393777
<i>Pard6g</i>	-0.078406104	0.114765842	-0.68318328	0.494491036	0.958968423
<i>Adnp2</i>	-0.199185772	0.150430554	-1.32410449	0.185468345	0.871716376
<i>Rbfa</i>	0.254373195	0.177352121	1.434283354	0.151491419	0.851721899
<i>Txn14a</i>	-0.000703225	0.089944459	-0.007818438	0.993761852	0.999270171
<i>Hsbp1l1</i>	0.470580549	0.428158301	1.099080756	0.271732843	0.89804647
<i>Pqlc1</i>	0.033741683	0.134185013	0.251456422	0.80146125	0.990988839
<i>Kcng2</i>	-0.214952081	0.737831774	-0.29132939	0.770799411	0.989990452
<i>Ctdp1</i>	-0.093683706	0.234183343	-0.400044275	0.689123907	0.98547461
<i>Nfatc1</i>	0.03485917	0.189238133	0.184207956	0.853850318	0.992886758
<i>Atp9b</i>	-0.158917215	0.148666839	-1.068948636	0.285092815	0.905916508
<i>Mbp</i>	-0.056578355	0.189102465	-0.29919417	0.764791897	0.9895982
<i>Zfp236</i>	-0.147534929	0.224022705	-0.658571323	0.510171083	0.963452765
<i>Zfp516</i>	0.44214739	0.285313289	1.54969084	0.121215738	0.816233249
<i>Tshz1</i>	-0.247919887	0.25175408	-0.984770084	0.324737018	0.91640698
<i>Zadh2</i>	0.023110196	0.104835272	0.220442946	0.825526202	0.992886758
<i>Zfp407</i>	-0.338865971	0.320988722	-1.055694323	0.291107892	0.907334416
<i>Cndp2</i>	0.031421175	0.169950186	0.184884618	0.853319536	0.992886758
<i>Cyb5a</i>	0.20774607	0.16098961	1.290431537	0.196900868	0.879755417
<i>Fbxo15</i>	0.137408917	0.62682351	0.219214683	0.826482818	0.992886758
<i>Timm21</i>	0.098354575	0.145661816	0.675225518	0.499532497	0.960847835
<i>Neto1</i>	0.46590698	2.368441472	0.196714584	0.844050896	0.992886758
<i>Socs6</i>	0.026111024	0.25796906	0.101217658	0.919377679	0.994688009
<i>Rttm</i>	0.173169662	0.385471127	0.449241589	0.653257389	0.979004493
<i>Cd226</i>	0.589989366	0.287041714	2.055413332	0.039839099	0.679118604
<i>Tmx3</i>	-0.110545307	0.119102468	-0.928152949	0.353328237	0.923786159
<i>Ighmbp2</i>	-0.15450825	0.330556744	-0.467418236	0.640200678	0.977921835
<i>Mrpl21</i>	0.330598984	0.173016495	1.910794598	0.056030982	0.715507996
<i>Cpt1a</i>	0.26417157	0.193909498	1.362344664	0.173089138	0.863084695
<i>Mtl5</i>	-0.628125428	0.656385497	-0.956945927	0.338594548	0.919246575
<i>Gal</i>	0.052581216	0.390236944	0.134741767	0.892816049	0.993300147
<i>Ppp6r3</i>	-0.116990782	0.12153245	-0.962629993	0.33573324	0.918908218
<i>Lrp5</i>	0.05610627	0.292461452	0.191841589	0.847866293	0.992886758
<i>1810055G02Rik</i>	-0.221602375	0.27557132	-0.804156161	0.421306793	0.943415794
<i>Suv420h1</i>	-0.09667814	0.133812268	-0.722490854	0.469992747	0.95486913

<i>Chka</i>	-0.110148133	0.114248516	-0.964109968	0.334990796	0.918190441
<i>Tcirg1</i>	-0.213061642	0.204232682	-1.04322991	0.296841824	0.909070179
<i>Ndufs8</i>	0.068394733	0.148548847	0.460419146	0.645215394	0.979004493
<i>Aldh3b1</i>	-0.129654244	0.096465669	-1.344045446	0.178933692	0.867377413
<i>Unc93b1</i>	0.005933818	0.140695595	0.042174869	0.966359296	0.996474415
<i>Aldh3b2</i>	0.194612005	1.070838893	0.181737894	0.855788426	0.992886758
<i>Acy3</i>	-0.327282207	0.270499179	-1.20991941	0.226309818	0.89398447
<i>Nudt8</i>	0.246559714	0.204886286	1.203397835	0.228822405	0.895404344
<i>Doc2g</i>	0.116141389	0.330978448	0.350903177	0.725660988	0.988585656
<i>Ndufv1</i>	0.184016881	0.098881544	1.860983081	0.062746566	0.727650961
<i>Gstp1</i>	0.018035192	0.107755332	0.167371687	0.867077602	0.992886758
<i>Gstp2</i>	0.114688629	0.246172024	0.465888149	0.641295565	0.977996701
<i>BC021614</i>	0.738051979	0.270201139	2.731491	0.006304846	0.427133716
<i>Cabp2</i>	1.119115517	0.484536126	2.309663733	0.020906778	0.604325792
<i>Cdk2ap2</i>	-0.088652696	0.132058763	-0.671312482	0.502021485	0.961378071
<i>Pitpnm1</i>	-0.094779941	0.286205042	-0.331160975	0.740522896	0.988585656
<i>Aip</i>	0.235548183	0.121763046	1.934480049	0.053054133	0.707153766
<i>Tmem134</i>	0.288331328	0.141069009	2.043902696	0.040963161	0.679118604
<i>Cabp4</i>	1.531072107	1.154596606	1.326066697	0.184817606	0.871716376
<i>Coro1b</i>	0.1974378	0.090844444	2.173361303	0.029753135	0.649459041
<i>Ptprcap</i>	0.389711507	0.235537913	1.654559566	0.098013871	0.78637468
<i>Rps6kb2</i>	-0.24824656	0.176055477	-1.41004736	0.158525699	0.855986074
<i>Carns1</i>	0.210805503	0.568597369	0.370746533	0.710826328	0.988585656
<i>Tbc1d10c</i>	0.199396083	0.26245956	0.759721169	0.447421272	0.948476747
<i>Ppp1ca</i>	0.276011672	0.137344294	2.009633333	0.044470011	0.689308953
<i>Rad9a</i>	-0.141816971	0.315272599	-0.449823332	0.652837833	0.979004493
<i>Clcf1</i>	0.036168126	0.293787631	0.123109763	0.90202018	0.994688009
<i>Pold4</i>	0.421212834	0.248952731	1.691939001	0.090657605	0.770055369
<i>Ssh3</i>	-0.219459204	0.158324947	-1.386131552	0.165706737	0.860011234
<i>Ankrd13d</i>	0.064114748	0.333949632	0.191989275	0.847750606	0.992886758
<i>Adrbk1</i>	-0.025723718	0.153304789	-0.167794612	0.866744861	0.992886758
<i>Kdm2a</i>	-0.181563428	0.205129145	-0.885117657	0.376093177	0.928883222
<i>Rhod</i>	-0.018588607	0.202225411	-0.091920233	0.926761416	0.994688009
<i>A930001C03Rik</i>	-0.340491564	1.240771076	-0.274419327	0.783762392	0.990988839
<i>Syt12</i>	0.309878844	0.878538972	0.352720657	0.724297871	0.988585656
<i>2010003K11Rik</i>	-1.112809024	1.271980096	-0.874863551	0.381648153	0.930635634
<i>Pcx</i>	-0.286875087	0.184618527	-1.55388027	0.120212979	0.81558552
<i>Lrfn4</i>	0.173538032	0.297649081	0.583028953	0.55987381	0.968926429
<i>Rce1</i>	-0.247553434	0.134205447	-1.844585592	0.065097844	0.734014162
<i>Gm960</i>	-0.117329477	1.936265368	-0.060595763	0.951681148	0.996023481
<i>Sptbn2</i>	-0.472957391	0.595586617	-0.794103456	0.427135206	0.944314584
<i>Rbm4b</i>	0.084097021	0.209325554	0.40175229	0.687866338	0.98538669
<i>Rbm14</i>	-0.26049885	0.286386597	-0.90960559	0.36303055	0.926455466
<i>Ccs</i>	0.374905917	0.123172916	3.043736634	0.002336596	0.31402518
<i>Ccdc87</i>	0.248710978	0.796082187	0.312418721	0.754722325	0.98902053
<i>Ctsf</i>	-0.187736366	0.16832486	-1.11532168	0.264712598	0.89768067
<i>Actn3</i>	1.384873805	1.461492442	0.947575071	0.343345822	0.920191602
<i>Zdhhc24</i>	0.293099378	0.239073219	1.225981645	0.220205582	0.889044644
<i>Bbs1</i>	-0.034361919	0.278788592	-0.123254395	0.901905653	0.994688009
<i>Dpp3</i>	-0.079977585	0.140829038	-0.567905496	0.57009914	0.971613657
<i>Peli3</i>	0.118141583	0.480524901	0.24585944	0.805791042	0.99099448
<i>Mrpl11</i>	0.270670781	0.206724619	1.30933017	0.190422534	0.877513044
<i>Slc29a2</i>	-0.054006699	0.946309104	-0.057070886	0.954488728	0.996070133
<i>B4gat1</i>	-0.161366284	0.166593919	-0.968620495	0.332734574	0.917115058
<i>Brms1</i>	0.2091638	0.127451561	1.641123874	0.100771704	0.788783372
<i>Rin1</i>	0.091566583	0.521320759	0.175643462	0.860574056	0.992886758
<i>Cd248</i>	0.192539997	0.329313022	0.584671677	0.558768502	0.968926429
<i>Tmem151a</i>	-0.041783116	0.395185745	-0.105730322	0.915796321	0.994688009
<i>Yif1a</i>	0.105940922	0.13833717	0.765816747	0.443785348	0.948476747
<i>Cnih2</i>	0.1694861	1.055689575	0.160545395	0.872451465	0.992886758
<i>Rab1b</i>	-0.075823781	0.11713169	-0.647337888	0.517413285	0.964352198
<i>Klc2</i>	0.108677298	0.206002957	0.527552125	0.597810229	0.974001549

<i>Pacs1</i>	-0.063506727	0.288408715	-0.220196977	0.825717751	0.992886758
<i>Sf3b2</i>	-0.076084543	0.132064421	-0.576116884	0.56453618	0.969658675
<i>Gal3st3</i>	-0.422367508	1.20194316	-0.351403895	0.725285361	0.988585656
<i>Cst6</i>	0.760959933	0.607001295	1.253638073	0.209973586	0.884258007
<i>Banf1</i>	0.38806535	0.12777829	3.037020994	0.002389288	0.31402518
<i>Eif1ad</i>	0.053644164	0.142744853	0.375804541	0.707062212	0.988585656
<i>Sart1</i>	0.291851256	0.193820882	1.505778182	0.132124126	0.827800491
<i>D330050I16Rik</i>	-0.750391623	0.84935978	-0.883479111	0.376977464	0.928883222
<i>4930481A15Rik</i>	0.606829754	0.271076547	2.238591868	0.025182484	0.629375214
<i>Drap1</i>	0.495269624	0.172214629	2.875885909	0.004028953	0.378480793
<i>Al837181</i>	-0.184573727	0.175879253	-1.049434338	0.293978261	0.907334416
<i>Ccdc85b</i>	0.377445942	0.12974067	2.909233799	0.003623158	0.374400632
<i>Fibp</i>	0.071990835	0.112241704	0.641391143	0.521268586	0.964828501
<i>Ctsw</i>	0.78020815	0.323218488	2.413872282	0.015783994	0.557315333
<i>Efemp2</i>	-0.072197458	0.172337625	-0.41893033	0.67526705	0.983549699
<i>Mus81</i>	0.071694618	0.1388565	0.516321657	0.605629773	0.974001549
<i>Cfl1</i>	0.058553731	0.12477405	0.46927812	0.638870853	0.977795535
<i>Snx32</i>	-0.585843153	0.357329886	-1.639502252	0.101108702	0.788783372
<i>Ovol1</i>	-0.349092425	0.41028209	-0.850859527	0.39484739	0.933796635
<i>Ap5b1</i>	-1.170974967	0.701765992	-1.668611732	0.095194352	0.778239075
<i>Rnaseh2c</i>	0.28455119	0.135683743	2.097164952	0.035978976	0.674795441
<i>Kat5</i>	0.081963908	0.120710628	0.679011524	0.49713056	0.960475196
<i>Rela</i>	0.057649793	0.230510851	0.250095788	0.802513273	0.990988839
<i>Sipa1</i>	-0.024395993	0.219261983	-0.111264128	0.911406901	0.994688009
<i>Pcnx13</i>	0.076380585	0.232315666	0.328779313	0.7423225	0.988585656
<i>Map3k11</i>	0.072883907	0.185636851	0.392615509	0.694603483	0.987013595
<i>Kcnk7</i>	-0.06946882	0.506693799	-0.137102172	0.890950036	0.993043931
<i>Ehbp11</i>	0.122615983	0.130281249	0.941163701	0.346620975	0.921552698
<i>Fam89b</i>	-0.188251635	0.112032268	-1.680334053	0.092892339	0.77525594
<i>Sssca1</i>	0.038847904	0.181087471	0.214525632	0.830137181	0.992886758
<i>Ltbp3</i>	-0.004993364	0.187850911	-0.026581528	0.978793506	0.997262526
<i>Scyl1</i>	-0.191047976	0.155187772	-1.231076224	0.218294357	0.888436964
<i>Malat1</i>	0.110743756	0.209450181	0.528735546	0.596988915	0.974001549
<i>Neat1</i>	0.083274273	0.141843272	0.587086517	0.557145602	0.968926429
<i>FrmD8</i>	-0.153299025	0.164097529	-0.934194594	0.350203524	0.922338606
<i>Slc25a45</i>	0.052230202	0.276301515	0.189033352	0.850066677	0.992886758
<i>Tigd3</i>	-0.949879758	0.564855356	-1.681633622	0.092639907	0.775044718
<i>Dpf2</i>	-0.307880067	0.183045277	-1.681988584	0.092571054	0.775044718
<i>Cdc42ep2</i>	-0.496280435	0.230528282	-2.15279631	0.03133469	0.661395937
<i>Pola2</i>	-0.016101772	0.182265201	-0.088342547	0.929604423	0.994688009
<i>Slc22a20</i>	3.551034296	2.306063199	1.539868594	0.123592387	0.820382953
<i>Capn1</i>	0.167778855	0.20486583	0.818969445	0.412803847	0.942708418
<i>Gm10814</i>	0.12484613	1.289008421	0.096854395	0.922842026	0.994688009
<i>Syvn1</i>	-0.054857721	0.184258383	-0.297721712	0.76591557	0.989884648
<i>Mrpl49</i>	0.212368267	0.142902609	1.486104894	0.137251378	0.833085238
<i>Fau</i>	0.404966726	0.269325756	1.503631629	0.132676243	0.827800491
<i>Znhit2</i>	-0.05257087	0.142433371	-0.369090962	0.712059926	0.988585656
<i>Tm7sf2</i>	-0.064175593	0.242862236	-0.264246899	0.791589675	0.990988839
<i>Vps51</i>	0.279120617	0.142987155	1.952067767	0.050930159	0.707153766
<i>Zfp11</i>	0.371600175	0.146498783	2.536541038	0.011195362	0.507740766
<i>Cdca5</i>	1.305806993	0.521627543	2.503332137	0.012303003	0.525888996
<i>Sac3d1</i>	-0.271397202	0.213447249	-1.271495431	0.203552452	0.883178549
<i>Snx15</i>	-0.031715572	0.21060483	-0.150592806	0.880296936	0.992886758
<i>Arl2</i>	0.19850301	0.146003705	1.359575156	0.173964405	0.863528862
<i>Batf2</i>	0.559643675	0.739316171	0.756974752	0.449064989	0.948476747
<i>1700123I01Rik</i>	0.845309169	1.077358175	0.784612943	0.432680539	0.94605734
<i>Gpha2</i>	-0.734962199	0.66869984	-1.099091334	0.27172823	0.89804647
<i>Ppp2r5b</i>	-0.046357283	0.137308706	-0.337613576	0.73565441	0.988585656
<i>Atg2a</i>	0.251695766	0.218930545	1.149660345	0.250283793	0.896939594
<i>Ehd1</i>	0.083542634	0.103880239	0.80422066	0.421269549	0.943415794
<i>Cdc42bpg</i>	-0.310660571	0.170245681	-1.824777985	0.068034539	0.742385562
<i>Men1</i>	-0.025308258	0.213245623	-0.118681253	0.905527889	0.994688009

<i>Map4k2</i>	0.117573228	0.149239153	0.787817576	0.430803419	0.945321484
<i>Sf1</i>	-0.252504846	0.194901727	-1.295549556	0.195130718	0.879588734
<i>Pygm</i>	-0.362335755	0.303269209	-1.194766049	0.232178448	0.895404344
<i>Rasgrp2</i>	0.374874207	0.132012296	2.839691591	0.004515717	0.390758702
<i>Nrxn2</i>	0.457923256	0.164159599	2.789500328	0.005278944	0.406593461
<i>Slc22a12</i>	-0.870065821	1.14833475	-0.757676122	0.448644897	0.948476747
<i>Rps6ka4</i>	-0.184634077	0.158012447	-1.168478058	0.242613985	0.896939594
<i>Ccdc88b</i>	0.088663141	0.353536735	0.250789049	0.801977209	0.990988839
<i>Prdx5</i>	0.216557523	0.154250844	1.403930881	0.160339433	0.857316691
<i>Trmt112</i>	0.041690021	0.108430168	0.384487287	0.700617316	0.988482081
<i>Esrra</i>	0.294634748	0.12177497	2.419501707	0.015541788	0.557315333
<i>Tex40</i>	0.14783393	1.671314612	0.088453682	0.929516097	0.994688009
<i>Gpr137</i>	0.135101934	0.165113732	0.818235599	0.413222672	0.943064937
<i>Bad</i>	0.311128229	0.168292302	1.848737138	0.064495778	0.73299549
<i>Plcb3</i>	0.233765032	0.104833625	2.229866902	0.02575628	0.631530315
<i>Ppp1r14b</i>	0.030906853	0.165333828	0.18693605	0.851710774	0.992886758
<i>Fkbp2</i>	0.271998944	0.133761539	2.033461532	0.042005916	0.679118604
<i>Vegfb</i>	-0.128784328	0.178256143	-0.722467828	0.470006898	0.95486913
<i>Dnajc4</i>	0.159861057	0.130259183	1.227253647	0.219727272	0.888847883
<i>Nudt22</i>	0.372352266	0.182312121	2.04238897	0.041112963	0.679118604
<i>Trpt1</i>	-0.297800595	0.295127284	-1.009058165	0.31294674	0.914857908
<i>Fermt3</i>	0.401162079	0.239218856	1.676966802	0.093548974	0.775558829
<i>Stip1</i>	-0.347823589	0.121265596	-2.86827922	0.004127111	0.38069687
<i>Macrod1</i>	0.114481109	0.14736857	0.776835312	0.43725594	0.9470785
<i>Flrt1</i>	-1.001601954	1.572145483	-0.63709241	0.524064652	0.965637248
<i>Otub1</i>	0.153274094	0.1403603	1.092004608	0.274831076	0.900302631
<i>Cox8a</i>	0.086607743	0.130355788	0.664395069	0.506437488	0.962472921
<i>Naa40</i>	-0.194110514	0.205886087	-0.942805397	0.345780451	0.921552698
<i>Rcor2</i>	-0.007050198	1.053173628	-0.006694241	0.994658809	0.999285699
<i>Mark2</i>	-0.314863049	0.196973686	-1.598503109	0.109931054	0.798948974
<i>Al846148</i>	-0.000822803	0.145693448	-0.005647495	0.995493975	0.999285699
<i>1700105P06Rik</i>	-2.828187951	1.673655714	-1.689826604	0.091061133	0.771538719
<i>2700081O15Rik</i>	-0.011991038	0.198635205	-0.060367133	0.951863235	0.996023481
<i>Rtn3</i>	-0.197304635	0.107518469	-1.835076684	0.066494328	0.738254074
<i>Atf3</i>	-0.252243363	0.119189037	-2.116330236	0.034316731	0.674629488
<i>Pla2g16</i>	0.127595521	0.157663758	0.809288845	0.418349021	0.943415794
<i>Lgals12</i>	0.000408152	0.413332433	0.000987468	0.999212115	0.999886097
<i>Chrm1</i>	-1.22051367	1.580040345	-0.772457282	0.439843638	0.947849924
<i>Slc3a2</i>	-0.34688963	0.156236785	-2.220281411	0.026399671	0.632301593
<i>Snhg1</i>	0.419667066	0.294414642	1.425428649	0.154033332	0.854159937
<i>Snord22</i>	0.978650788	1.589439378	0.615720739	0.538078847	0.96674935
<i>Wdr74</i>	0.106709164	0.132190934	0.807235119	0.419531036	0.943415794
<i>Stx5a</i>	0.059803457	0.109532547	0.545988006	0.585074182	0.972904784
<i>Nxf1</i>	-0.29495448	0.137810574	-2.140289173	0.032331404	0.665167506
<i>Tmem223</i>	0.074463761	0.165352628	0.450333097	0.652470278	0.979004493
<i>Tmem179b</i>	-0.301684676	0.161907057	-1.86332012	0.062417241	0.727399211
<i>Taf6l</i>	0.097085104	0.407929124	0.237995028	0.81188495	0.991817851
<i>Polr2g</i>	0.239658463	0.148512046	1.613730797	0.106585831	0.794908043
<i>Zbtb3</i>	-0.181506701	0.392858425	-0.46201555	0.644070169	0.97889195
<i>Ttc9c</i>	-0.091885917	0.136324841	-0.674021814	0.500297445	0.9611436
<i>Hnnpul2</i>	0.131183029	0.125493703	1.045335551	0.295867912	0.90835566
<i>Bscl2</i>	0.122074545	0.194233538	0.628493652	0.529680604	0.965637248
<i>Lrrn4cl</i>	0.076804639	0.408397974	0.188063223	0.85082709	0.992886758
<i>Ubxn1</i>	0.171195625	0.08405306	2.03675659	0.04167444	0.679118604
<i>Uqcc3</i>	0.461501782	0.141948097	3.251200901	0.001149186	0.243672251
<i>5730408K05Rik</i>	0.916593496	1.247862223	0.734531008	0.462625169	0.953083512
<i>Ints5</i>	0.026140028	0.340823185	0.076696743	0.938864796	0.994688009
<i>Ganab</i>	-0.338514193	0.12622176	-2.681900441	0.007320524	0.452031612
<i>B3gat3</i>	0.307543647	0.126170987	2.43751478	0.01478861	0.554936045
<i>Rom1</i>	0.284038189	0.223666617	1.269917672	0.204113958	0.883736035
<i>Eml3</i>	0.061644294	0.19818327	0.311046912	0.755764958	0.989266039
<i>Mta2</i>	-0.159408362	0.124218112	-1.28329404	0.19938908	0.880831248

<i>Tut1</i>	0.098711874	0.167443291	0.58952421	0.555509677	0.968926429
<i>Eef1g</i>	-0.031424233	0.096883582	-0.324350444	0.745672734	0.988585656
<i>Ahnak</i>	0.399192001	0.140792596	2.835319568	0.004577987	0.390758702
<i>Scgb1a1</i>	-0.30830056	0.104890284	-2.939267102	0.003289894	0.357710224
<i>Asrgl1</i>	0.016531329	0.177820847	0.092966206	0.925930409	0.994688009
<i>Stxbp3-ps</i>	-0.059930254	1.121367568	-0.053443898	0.957378229	0.996226826
<i>Incenp</i>	0.055006076	0.495117983	0.111096907	0.911539502	0.994688009
<i>Fth1</i>	-0.032452611	0.09893804	-0.328009438	0.742904527	0.988585656
<i>Best1</i>	-0.228026095	0.33385636	-0.683006595	0.494602675	0.959071007
<i>Rab3il1</i>	-0.351951441	0.260633025	-1.350371624	0.176896808	0.866546104
<i>Fads3</i>	-0.178900835	0.131656212	-1.358848412	0.174194629	0.863528862
<i>Fads2</i>	-0.118423182	0.225405465	-0.525378485	0.599320107	0.974001549
<i>Fads1</i>	-0.091344922	0.099943697	-0.913963815	0.36073586	0.925913281
<i>Fen1</i>	-0.15786779	0.343507709	-0.459575682	0.645820818	0.979004493
<i>Tmem258</i>	0.212313008	0.163540152	1.298231689	0.194207732	0.879588734
<i>Myrf</i>	-0.225863863	0.274195845	-0.823731895	0.410091912	0.940983181
<i>Dagla</i>	-0.235843345	0.551099161	-0.427950833	0.668686917	0.981863224
<i>Syt7</i>	0.084707107	0.255767381	0.331188077	0.740502426	0.988585656
<i>Lrrc10b</i>	-0.012135722	0.133135313	-0.091153295	0.927370786	0.994688009
<i>Ppp1r32</i>	-0.292418318	0.314050122	-0.931119899	0.351791547	0.923082865
<i>Sdhaf2</i>	0.116958883	0.15558853	0.751719185	0.452219951	0.949574349
<i>Cpsf7</i>	-0.069142125	0.141359019	-0.489124256	0.62475373	0.976110444
<i>Tmem216</i>	0.216142572	0.128072084	1.687663431	0.091475855	0.772516176
<i>Tmem138</i>	-0.379703827	0.222054848	-1.709955132	0.08727417	0.765677258
<i>Cyb561a3</i>	-0.00476266	0.186914151	-0.025480467	0.979671728	0.997296835
<i>Tkfc</i>	-0.630462091	0.355567849	-1.773113322	0.076209931	0.752876039
<i>Ddb1</i>	-0.093823515	0.106719969	-0.879156135	0.379316624	0.929137643
<i>Vps37c</i>	-0.186865286	0.21757189	-0.858866858	0.390413976	0.933734231
<i>Cd5</i>	-0.409095686	0.797609605	-0.512902156	0.608019765	0.974001549
<i>A430093F15Rik</i>	0.95848703	0.758288818	1.264013139	0.206225311	0.883765092
<i>Cd6</i>	0.968874859	0.642183094	1.508720595	0.1313702	0.827800491
<i>Slc15a3</i>	0.012817718	0.294977574	0.043453194	0.965340275	0.996474415
<i>Tmem132a</i>	0.446095243	0.263663301	1.691912533	0.090662652	0.770055369
<i>Tmem109</i>	-0.220558742	0.15647872	-1.409512697	0.158683622	0.855986074
<i>Prpf19</i>	-0.151654235	0.148209121	-1.023244953	0.306192043	0.91333012
<i>Zp1</i>	-0.164911427	2.102934704	-0.078419661	0.937494234	0.994688009
<i>Ptgsdr2</i>	-0.79951499	1.990832557	-0.40159831	0.687979674	0.98538669
<i>Ccdc86</i>	-0.335787709	0.250009965	-1.343097298	0.17924047	0.867377413
<i>Ms4a15</i>	0.847701373	1.491535198	0.568341515	0.569803095	0.97144955
<i>AW112010</i>	0.257502729	0.157563017	1.634284072	0.102199217	0.788963633
<i>Ms4a8a</i>	-0.235910712	0.202619117	-1.164306289	0.244299909	0.896939594
<i>Ms4a1</i>	0.349157422	0.407967099	0.855847011	0.392082408	0.933734231
<i>Ms4a7</i>	0.243627007	0.250794609	0.97142043	0.331338959	0.917115058
<i>Ms4a4c</i>	0.812962884	0.24186806	3.361183298	0.000776093	0.201299795
<i>Ms4a4b</i>	0.51783786	0.208264731	2.486440488	0.012902815	0.532176722
<i>Ms4a6c</i>	0.466276653	0.192838127	2.417969211	0.015607397	0.557315333
<i>Gm8369</i>	0.774446818	0.479098245	1.616467657	0.105993241	0.79419908
<i>Ms4a6b</i>	0.554025538	0.192512848	2.877862659	0.004003794	0.378480793
<i>Ms4a4d</i>	-0.102809838	0.136584015	-0.752722328	0.45161679	0.949134998
<i>Ms4a6d</i>	-0.406754194	0.314460802	-1.293497285	0.195839122	0.879601031
<i>Ms4a2</i>	0.212550114	0.975572161	0.217872262	0.827528639	0.992886758
<i>Oosp1</i>	-2.567552991	1.727273843	-1.486477087	0.137152973	0.833085238
<i>Mrpl16</i>	0.242881153	0.143013586	1.698308246	0.089449599	0.769347579
<i>Stx3</i>	-0.029148136	0.14361727	-0.202957037	0.839168613	0.992886758
<i>Patl1</i>	-0.064717721	0.322572368	-0.200630084	0.840987833	0.992886758
<i>Osbp</i>	-0.297459333	0.147886322	-2.011405306	0.044282663	0.689230739
<i>Mpeg1</i>	-0.099395003	0.14661219	-0.67794501	0.49780656	0.960700483
<i>Dtx4</i>	0.076069811	0.221374586	0.343624862	0.731128425	0.988585656
<i>Fam111a</i>	0.160459292	0.209523509	0.765829535	0.443777738	0.948476747
<i>A330040F15Rik</i>	-1.138891408	2.446390375	-0.465539523	0.64154514	0.97813956
<i>Zfp91</i>	-0.053745976	0.102874027	-0.522444563	0.601360836	0.974001549
<i>Lpxn</i>	-0.124725827	0.244959204	-0.509169791	0.610633216	0.974001549

<i>Tle4</i>	-0.186723519	0.173883489	-1.073842719	0.28289318	0.905916508
<i>Psat1</i>	0.030422822	0.202186558	0.150469061	0.880394559	0.992886758
<i>Cep78</i>	-0.120274958	0.20289261	-0.59280108	0.553314285	0.968926429
<i>C130060C02Rik</i>	0.927062029	1.558982556	0.594658372	0.552071853	0.968926429
<i>Gnaq</i>	-0.113199234	0.143640386	-0.788073863	0.430653502	0.945321484
<i>E030024N20Rik</i>	0.471666752	0.693849291	0.67978271	0.496642056	0.960362776
<i>Gna14</i>	-0.044573551	0.212273475	-0.209981726	0.833681935	0.992886758
<i>Vps13a</i>	-0.233465747	0.197450087	-1.182403867	0.23704549	0.896609492
<i>Prune2</i>	0.184095723	0.441523022	0.416956113	0.676710509	0.983549699
<i>Gcnt1</i>	0.498559471	0.162459824	3.068817015	0.002149082	0.308737709
<i>Rfk</i>	0.091093818	0.111231843	0.818954497	0.412812376	0.942708418
<i>Pcsk5</i>	-0.080100517	0.315200575	-0.254125543	0.79939857	0.990988839
<i>Ostf1</i>	0.018594184	0.104663951	0.177656048	0.858993105	0.992886758
<i>Nmrk1</i>	0.220267662	0.248722297	0.885596767	0.375834854	0.928883222
<i>2410127L17Rik</i>	0.148145513	0.14422436	1.02718787	0.304332009	0.911879006
<i>D030056L22Rik</i>	0.152695439	0.168559573	0.905884114	0.364997193	0.926556975
<i>Trpm6</i>	-0.115825265	0.246544474	-0.469794612	0.638501764	0.977795535
<i>Anxa1</i>	-0.04129587	0.118606445	-0.348175594	0.727708315	0.988585656
<i>E030003E18Rik</i>	0.382083119	0.32292394	1.183198494	0.23673049	0.896358698
<i>C730002L08Rik</i>	-0.225757608	1.371322851	-0.164627613	0.869237096	0.992886758
<i>Aldh1a1</i>	0.053827425	0.168056146	0.320294296	0.748745246	0.988585656
<i>Aldh1a7</i>	0.018727091	0.164016556	0.114178055	0.909096648	0.994688009
<i>Zfand5</i>	-0.169701199	0.087086581	-1.948649243	0.051337327	0.707153766
<i>Gda</i>	-0.153606219	0.191803444	-0.800852246	0.423217189	0.943509323
<i>1110059E24Rik</i>	0.277765777	0.208081952	1.334886445	0.181913515	0.868546072
<i>Abhd17b</i>	-0.150559011	0.142622651	-1.055645859	0.291130041	0.907334416
<i>Tmem2</i>	-0.095560807	0.200475539	-0.476670657	0.633596661	0.977034429
<i>Trpm3</i>	-0.570582362	0.631820641	-0.903076483	0.366485304	0.927834635
<i>Klf9</i>	-0.474884211	0.212826139	-2.231324653	0.025659632	0.631530315
<i>Smc5</i>	-0.057745315	0.178178646	-0.32408662	0.745872456	0.988585656
<i>Mamdc2</i>	0.208933509	0.140605319	1.485957358	0.1372904	0.833085238
<i>1700028P14Rik</i>	-0.005538245	0.159711669	-0.034676522	0.972337682	0.996790728
<i>Ptar1</i>	-0.208775856	0.286684136	-0.728243489	0.466464549	0.953083512
<i>Apba1</i>	-0.568762784	0.649479607	-0.875720774	0.381181849	0.930555629
<i>Fam189a2</i>	-0.211071153	0.128428891	-1.643486536	0.100282309	0.788783372
<i>Tjp2</i>	-0.193682763	0.18764787	-1.032160736	0.301996825	0.911518274
<i>Fxn</i>	0.022260391	0.22099261	0.10072912	0.919765495	0.994688009
<i>Pip5k1b</i>	0.073692755	0.271098433	0.27183025	0.785752545	0.990988839
<i>Fam122a</i>	0.003878256	0.19799874	0.019587278	0.984372613	0.998148029
<i>Tmem252</i>	-0.668221393	0.433801359	-1.540385659	0.123466375	0.820112086
<i>Pgm5</i>	0.146511369	0.12196521	1.201255413	0.22965214	0.895404344
<i>Foxd4</i>	1.460889845	1.71015374	0.854244745	0.392969396	0.933734231
<i>Cbwd1</i>	0.372954854	0.167799672	2.22261969	0.026241455	0.632301593
<i>Dock8</i>	0.444945743	0.187402732	2.374275653	0.017583418	0.579835303
<i>Kank1</i>	-0.197934011	0.205703344	-0.962230401	0.335933881	0.918908218
<i>Dmrt3</i>	-0.608755258	0.98698604	-0.616782035	0.537378503	0.96674935
<i>2610016A17Rik</i>	-0.897717355	0.660548224	-1.359048927	0.174131085	0.863528862
<i>Dmrt2</i>	-0.6933593	0.512424652	-1.353095126	0.176025242	0.865308446
<i>Smarca2</i>	0.087283722	0.111416018	0.783403713	0.433390077	0.946252789
<i>Vldlr</i>	-0.119924152	0.155041125	-0.773498977	0.439227134	0.947849924
<i>D19Bwg1357e</i>	-0.064789241	0.149325861	-0.433878232	0.664376867	0.98119114
<i>C030016D13Rik</i>	-0.512172264	1.122238591	-0.456384469	0.648113532	0.979004493
<i>Rfx3</i>	-0.657924157	0.227497876	-2.892001311	0.003827963	0.376754331
<i>Glis3</i>	-1.018940691	0.471205439	-2.162412841	0.030586369	0.657949462
<i>Slc1a1</i>	-0.121370811	0.273723857	-0.443406039	0.657472068	0.979614766
<i>4430402I18Rik</i>	-0.184386306	0.163760296	-1.125952452	0.260185646	0.897248195
<i>Ppapdc2</i>	-0.067696279	0.259929156	-0.260441269	0.794523413	0.990988839
<i>Cdc37l1</i>	0.113231599	0.112505642	1.006452627	0.314197889	0.91586731
<i>Ak3</i>	-0.247826731	0.121292659	-2.043212945	0.041031363	0.679118604
<i>1700018L02Rik</i>	-0.387693922	1.095676813	-0.35383967	0.723459042	0.988585656
<i>Gm9895</i>	0.8284247	0.653103945	1.268442346	0.204640027	0.883765092
<i>Rcl1</i>	0.047498226	0.139680409	0.340049306	0.733819397	0.988585656

<i>Jak2</i>	-0.193978948	0.117695703	-1.648139599	0.099324028	0.788746793
<i>InsI6</i>	0.857204073	0.471504675	1.818018185	0.069061353	0.743426713
<i>Plgrkt</i>	0.096692755	0.148165378	0.652600201	0.514014056	0.964352198
<i>Cd274</i>	-0.035492877	0.183654483	-0.193258973	0.846756155	0.992886758
<i>Pdcd1lg2</i>	-0.027660839	0.514141592	-0.053800042	0.957094476	0.996226826
<i>A930007I19Rik</i>	-0.214170979	0.763698259	-0.280439265	0.779140516	0.990988839
<i>Ric1</i>	-0.292824286	0.14698487	-1.992207002	0.04634835	0.698098452
<i>Ermp1</i>	0.197114824	0.1584959	1.243658822	0.213625157	0.884945675
<i>Mlana</i>	-0.365438652	0.374453309	-0.975925818	0.329101227	0.917115058
<i>9930021J03Rik</i>	-0.38899538	0.307192995	-1.266289875	0.20540932	0.883765092
<i>Ranbp6</i>	-0.190749471	0.150768495	-1.265181233	0.205806368	0.883765092
<i>Il33</i>	-0.465239991	0.293869563	-1.583151331	0.113386976	0.806530837
<i>Uhrf2</i>	-0.046295403	0.116977464	-0.395763434	0.692279555	0.986599035
<i>Gldc</i>	-2.170588073	1.038934774	-2.089243838	0.036685779	0.677009445
<i>Prkg1</i>	0.18172858	0.244581759	0.743017717	0.457470954	0.952102513
<i>Cstf2t</i>	-0.191027349	0.155001092	-1.232425828	0.217790058	0.887633697
<i>Asah2</i>	0.053882813	0.228314724	0.236002358	0.813430841	0.992048071
<i>Sgms1</i>	-0.087823374	0.179689105	-0.488751804	0.625017423	0.976148792
<i>2700046G09Rik</i>	1.063168736	0.311492661	3.413142168	0.000642184	0.180774885
<i>Minpp1</i>	-0.132238316	0.151447217	-0.873164387	0.382573483	0.930775109
<i>Papss2</i>	0.083661704	0.286857841	0.291648658	0.770555269	0.989990452
<i>Atad1</i>	-0.047357545	0.144160774	-0.32850507	0.742529811	0.988585656
<i>Pten</i>	0.04482052	0.103072737	0.434843604	0.663675953	0.981154469
<i>Rnls</i>	0.234491262	0.216189364	1.084656792	0.278073692	0.901351829
<i>Lipo1</i>	-0.188937165	0.118855966	-1.589631308	0.111917936	0.801067615
<i>Lipf</i>	0.200128849	0.465045407	0.4303426	0.666946443	0.981863224
<i>Lipn</i>	-1.282511625	1.972270255	-0.650271747	0.515516703	0.964352198
<i>Ankrd22</i>	0.511484299	0.858281712	0.595939879	0.551215391	0.968926429
<i>Stambpl1</i>	0.009589382	0.263788232	0.036352578	0.971001227	0.996733101
<i>Acta2</i>	-0.208638446	0.185696671	-1.123544351	0.261206376	0.897248195
<i>Fas</i>	-0.160131346	0.283674769	-0.564489209	0.572421242	0.971613657
<i>Ch25h</i>	-0.480276138	0.299367333	-1.604303761	0.108647112	0.798150849
<i>Lipa</i>	-0.280337061	0.110155723	-2.544915987	0.010930403	0.502706181
<i>Ifit2</i>	0.08568142	0.198198278	0.432301533	0.665522273	0.981727712
<i>Ifit3</i>	-0.049679307	0.160738261	-0.309069581	0.757268598	0.989266039
<i>Ifit1bl1</i>	0.142326935	0.188489623	0.755091621	0.45019401	0.949134998
<i>Ifit3b</i>	0.024048503	0.203585459	0.118124858	0.905968728	0.994688009
<i>Ifit1bl2</i>	0.247786981	0.206672981	1.198932631	0.230554142	0.895404344
<i>Ifit1</i>	-0.222859291	0.221183127	-1.007578177	0.31365701	0.915639195
<i>Slc16a12</i>	-0.336719368	0.174953428	-1.924622868	0.054276556	0.707153766
<i>Pank1</i>	0.03640251	0.255806417	0.142304914	0.886839165	0.992886758
<i>Kif20b</i>	0.076132065	0.502157479	0.151609939	0.879494594	0.992886758
<i>Htr7</i>	0.258284904	1.408965216	0.183315316	0.854550617	0.992886758
<i>Rpp30</i>	-0.057023201	0.146145493	-0.390181043	0.696402679	0.987490725
<i>Ankrd1</i>	-0.365291244	0.215634707	-1.69402806	0.090259951	0.769347579
<i>Pcgf5</i>	-0.213860476	0.172650661	-1.238689007	0.215460691	0.887633697
<i>Hectd2</i>	0.468460429	0.416147945	1.125706457	0.26028979	0.897248195
<i>1500017E21Rik</i>	1.143612673	0.506336437	2.258602364	0.023908131	0.622011301
<i>Ppp1r3c</i>	0.191244688	0.194808926	0.981703928	0.32624573	0.916800143
<i>Tnks2</i>	-0.269951321	0.109181831	-2.472493069	0.013417432	0.540715407
<i>Fgfbp3</i>	-0.265688796	0.310102199	-0.856778174	0.39156749	0.933734231
<i>Btaf1</i>	-0.304605674	0.154534995	-1.971111297	0.048711147	0.707153766
<i>Cpeb3</i>	-0.028001807	0.411361326	-0.068071074	0.945729057	0.995032756
<i>Mar-05</i>	-0.113705522	0.109534244	-1.03808195	0.299231904	0.910105802
<i>4931408D14Rik</i>	-1.014729608	0.924670628	-1.09739574	0.272468435	0.898460682
<i>Ide</i>	-0.709651005	0.223626281	-3.17337928	0.001506755	0.279554507
<i>Kif11</i>	0.244517493	0.321795271	0.759854214	0.447341732	0.948476747
<i>Hhex</i>	0.056413187	0.357566775	0.157769656	0.87463831	0.992886758
<i>Exoc6</i>	-0.001621294	0.149531595	-0.010842488	0.991349116	0.998770784
<i>Myof</i>	0.002481278	0.151977933	0.016326566	0.986973863	0.998148029
<i>Cep55</i>	-0.677530317	0.372396381	-1.819379434	0.068853562	0.743426713
<i>Ffar4</i>	-0.411243776	0.188558329	-2.180989708	0.029184178	0.64858361

<i>Rbp4</i>	0.013170425	0.195763984	0.067277057	0.946361141	0.995065399
<i>Fra10ac1</i>	0.125533881	0.178105552	0.704828569	0.480916927	0.957463006
<i>Lgi1</i>	1.190454203	2.333641392	0.510127309	0.609962274	0.974001549
<i>Slc35g1</i>	-0.02584264	0.281045941	-0.091951657	0.926736449	0.994688009
<i>Pice1</i>	-0.242471911	0.190003199	-1.276146466	0.201903748	0.881220006
<i>Noc3l</i>	-0.176362531	0.228544864	-0.771675757	0.440306493	0.947849924
<i>Tbc1d12</i>	-0.084577966	0.206295682	-0.409984177	0.681817554	0.984683806
<i>Hells</i>	-0.52280018	0.490802961	-1.065193614	0.286788323	0.906336252
<i>Pdlim1</i>	-0.231739849	0.176330628	-1.31423481	0.188767197	0.875363508
<i>Sorbs1</i>	-0.150215858	0.197032484	-0.762391331	0.445826479	0.948476747
<i>Aldh18a1</i>	-0.414793409	0.256364449	-1.617983343	0.105666187	0.79419908
<i>Tctn3</i>	-0.313390149	0.221213366	-1.41668722	0.156574395	0.855552259
<i>Entpd1</i>	-0.26830215	0.126457805	-2.12167331	0.033865181	0.671818913
<i>Ccnj</i>	-0.008792114	0.185483401	-0.047401083	0.962193566	0.996474415
<i>E030044B06Rik</i>	0.340768907	0.300276408	1.134850754	0.256437857	0.897248195
<i>Zfp518a</i>	-0.001113857	0.1893046	-0.005883943	0.99530532	0.999285699
<i>Blnk</i>	-0.24345154	0.361312456	-0.673797807	0.500439869	0.9611436
<i>Dntt</i>	0.69999914	1.379623042	0.507384349	0.611885165	0.974001549
<i>Tm9sf3</i>	-0.077462277	0.088177967	-0.87847655	0.379685158	0.929185635
<i>Pik3ap1</i>	-0.384829187	0.42967455	-0.895629464	0.370450694	0.928436166
<i>Lcor</i>	1.067329024	0.763640565	1.397685081	0.162207656	0.859579489
<i>Arhgap19</i>	-0.102041969	0.347265141	-0.293844551	0.76887669	0.989990452
<i>Frat1</i>	-0.068852464	0.397383565	-0.173264499	0.862443527	0.992886758
<i>Frat2</i>	0.829483866	0.559643066	1.482165894	0.138296159	0.834427712
<i>Rrp12</i>	0.39699188	0.368390527	1.077638678	0.281195034	0.904300139
<i>Pgam1</i>	-0.290770489	0.12023691	-2.418313049	0.015592656	0.557315333
<i>Exosc1</i>	0.152275031	0.157303076	0.968035938	0.333026422	0.917227124
<i>Zdhhc16</i>	0.440587924	0.134419988	3.277696508	0.001046579	0.240510037
<i>Mms19</i>	-0.342815493	0.192781311	-1.778261027	0.075360994	0.752876039
<i>Ubt1</i>	0.31196262	0.171636496	1.817577417	0.069128746	0.743426713
<i>Ankrd2</i>	-0.461571934	1.559432348	-0.295987149	0.767239896	0.989884648
<i>Hoga1</i>	0.300096424	0.217171188	1.381842717	0.16702	0.860403806
<i>Morn4</i>	-0.271257147	0.302855912	-0.895664031	0.370432227	0.928436166
<i>Pi4k2a</i>	-0.369375814	0.135605012	-2.723909746	0.006451413	0.429927454
<i>Avpi1</i>	0.268492925	0.241613184	1.111251138	0.266460265	0.89768067
<i>Marveld1</i>	-0.167947052	0.152428556	-1.101808322	0.270545012	0.89804647
<i>Zfyve27</i>	0.122591162	0.195357773	0.627521291	0.530317584	0.966026275
<i>Sfrp5</i>	-0.140368246	1.357956922	-0.10336723	0.917671519	0.994688009
<i>Crtac1</i>	2.60936844	2.143301016	1.217453088	0.223431875	0.892989918
<i>R3hcc1l</i>	-0.105026515	0.188668777	-0.556671416	0.57775195	0.971613657
<i>Loxl4</i>	0.28262853	0.367713576	0.768610541	0.442124546	0.948476747
<i>Pyroxd2</i>	0.427273654	0.529941256	0.806266072	0.420089449	0.943415794
<i>Hps1</i>	0.137704654	0.486725836	0.282920372	0.777237878	0.990861469
<i>Hpse2</i>	0.096089291	1.185072548	0.081083045	0.935375909	0.994688009
<i>Got1</i>	0.085005154	0.203784288	0.417133013	0.676581119	0.983549699
<i>Slc25a28</i>	0.06910759	0.182355152	0.378972512	0.704708276	0.988585656
<i>BC037704</i>	0.305910035	0.889071357	0.344078158	0.730787509	0.988585656
<i>Entpd7</i>	-0.091064238	0.494450761	-0.184172511	0.853878124	0.992886758
<i>Cox15</i>	-0.299706443	0.206503422	-1.451338871	0.146685522	0.843881086
<i>Cutc</i>	0.219343068	0.169995428	1.29028804	0.196950668	0.879755417
<i>Dnmbp</i>	-0.661661082	0.41679896	-1.587482564	0.112403393	0.801401832
<i>Cpn1</i>	0.089149685	0.280947185	0.317318307	0.751002088	0.988585656
<i>Cyp2c44</i>	0.048580164	0.899876565	0.053985364	0.956946825	0.996226826
<i>Erlin1</i>	-0.251961093	0.166207938	-1.515938989	0.12953478	0.827800491
<i>Chuk</i>	-0.17934383	0.148073488	-1.211181234	0.225825953	0.893616175
<i>Cwf19l1</i>	0.16800786	0.221915027	0.757081941	0.449000772	0.948476747
<i>Bloc1s2</i>	0.341256307	0.224250458	1.521764151	0.128068187	0.826336015
<i>Scd3</i>	-0.701260668	1.041365126	-0.673405178	0.500689555	0.961175273
<i>Scd2</i>	-0.30025164	0.155975194	-1.924996097	0.054229847	0.707153766
<i>Scd4</i>	-0.27937483	1.263550798	-0.221102967	0.82501226	0.992886758
<i>Scd1</i>	-0.266270646	0.186359451	-1.428801407	0.153061321	0.854159937
<i>Sec31b</i>	-0.135589622	0.577358076	-0.234844939	0.814329087	0.992048071

<i>Ndufb8</i>	0.433629669	0.27441834	1.580177435	0.114066238	0.807965062
<i>Hif1an</i>	-0.124413112	0.21047055	-0.59111886	0.554440784	0.968926429
<i>Fam178a</i>	-0.318097545	0.156117946	-2.037546307	0.041595326	0.679118604
<i>Sema4g</i>	-0.786872837	1.214346441	-0.647980519	0.51699755	0.964352198
<i>Mrpl43</i>	0.077217917	0.118375544	0.652313088	0.514199219	0.964352198
<i>Peo1</i>	0.465071113	0.284298996	1.635852114	0.101870542	0.788783372
<i>Lzts2</i>	0.242685604	0.173194883	1.401228485	0.161145759	0.857316691
<i>Pdzd7</i>	0.148012364	0.861975587	0.171712942	0.863663211	0.992886758
<i>Sfxn3</i>	0.078755933	0.240601976	0.327328702	0.743419286	0.988585656
<i>Kazald1</i>	0.381182329	0.166937547	2.283382839	0.022407827	0.619833063
<i>Btrc</i>	-0.027563551	0.211284281	-0.130457177	0.896204732	0.993970087
<i>Poll</i>	0.36573113	0.24235232	1.509088624	0.131276136	0.827800491
<i>Dpcd</i>	0.105145447	0.11730349	0.896353952	0.370063753	0.928436166
<i>Fbxw4</i>	0.30024464	0.256205824	1.171888427	0.241241854	0.896939594
<i>Npm3</i>	0.302751042	0.205941329	1.470083945	0.14153902	0.840741274
<i>Mgea5</i>	0.110206139	0.109988518	1.001978574	0.316353941	0.91640698
<i>Kcnp2</i>	-0.058538248	0.59117079	-0.099020874	0.921121697	0.994688009
<i>9130011E15Rik</i>	-0.13186117	0.218079123	-0.604648296	0.54541271	0.967491297
<i>Hps6</i>	-0.111642638	0.228388936	-0.488826821	0.624964308	0.976148792
<i>Ldb1</i>	0.018526924	0.153951445	0.120342644	0.904211724	0.994688009
<i>Pprc1</i>	-0.146364976	0.327364157	-0.44710141	0.654801841	0.979133069
<i>Nolc1</i>	-0.279945804	0.201465213	-1.389549089	0.164665845	0.859982992
<i>Gbf1</i>	-0.020658247	0.24870133	-0.083064482	0.933800268	0.994688009
<i>Nfkb2</i>	-0.077727837	0.223329493	-0.348041074	0.727809337	0.988585656
<i>Psd</i>	0.109990016	0.513060056	0.214380391	0.830250432	0.992886758
<i>Fbxl15</i>	0.519204921	0.300870369	1.725676487	0.08440563	0.76099108
<i>Cuedc2</i>	0.322418348	0.166118065	1.940898771	0.052270557	0.707153766
<i>2310034G01Rik</i>	-0.171746122	0.242945876	-0.706931621	0.479608972	0.957463006
<i>Tmem180</i>	-0.460221278	0.342013599	-1.345622745	0.178424213	0.867377413
<i>Actr1a</i>	0.033695974	0.106859766	0.315328912	0.752511936	0.988585656
<i>Sufu</i>	-0.474729726	0.334143046	-1.420738008	0.155392939	0.855261441
<i>Trim8</i>	-0.085847221	0.180140749	-0.476556367	0.63367806	0.977034429
<i>Arl3</i>	0.09032179	0.119768107	0.754138916	0.450765812	0.949134998
<i>Sfxn2</i>	-0.044757449	0.203621188	-0.219807424	0.826021137	0.992886758
<i>Wbp1l</i>	-0.170153993	0.137038518	-1.241650848	0.214365412	0.886400046
<i>2010012O05Rik</i>	0.154677724	0.152898626	1.0116358	0.311712222	0.914819219
<i>As3mt</i>	0.211867438	0.126986326	1.668427175	0.095230957	0.778239075
<i>Cnnm2</i>	-0.068043214	0.423462099	-0.160683127	0.872342979	0.992886758
<i>Nt5c2</i>	-0.261959684	0.134754969	-1.943970505	0.051899008	0.707153766
<i>Pcgf6</i>	0.354923868	0.22053706	1.609361567	0.107537304	0.796929372
<i>Taf5</i>	-0.04457191	0.232922844	-0.191359117	0.848244248	0.992886758
<i>Usmg5</i>	0.415739542	0.310381652	1.339446259	0.180425439	0.868087032
<i>Pdcd11</i>	0.029929907	0.265088184	0.112905472	0.910105498	0.994688009
<i>Calhm2</i>	-0.193011654	0.285498021	-0.676052511	0.499007306	0.960700483
<i>Neurl1a</i>	-0.388003306	0.377448631	-1.02796321	0.303967134	0.911786415
<i>Sh3pxd2a</i>	0.069123469	0.170364057	0.405739743	0.684933837	0.985105247
<i>Obfc1</i>	0.327623125	0.249344228	1.313939077	0.188866707	0.875363508
<i>Gm19557</i>	0.229923587	0.465516001	0.493911244	0.621368864	0.97514112
<i>Slk</i>	0.043427314	0.137293027	0.316311138	0.751766358	0.988585656
<i>Col17a1</i>	0.514196737	0.652920416	0.787533556	0.430969593	0.945321484
<i>Sfr1</i>	0.022241643	0.111493192	0.199488802	0.841880402	0.992886758
<i>Cfap43</i>	-0.260696196	0.192446442	-1.354642844	0.175531376	0.864596675
<i>Gsto1</i>	0.206448199	0.186403339	1.107534875	0.268062743	0.89804647
<i>Gsto2</i>	0.387763795	0.314203665	1.234116079	0.217159653	0.887633697
<i>Itiprip</i>	-0.375268055	0.19365579	-1.937809639	0.052646451	0.707153766
<i>Cfap58</i>	-0.257899402	0.25888593	-0.996189332	0.319158162	0.91640698
<i>Xpnp1</i>	-0.17096444	0.20631839	-0.828643727	0.407306037	0.939557159
<i>Add3</i>	0.035321165	0.110977938	0.318271949	0.75027866	0.988585656
<i>Mxi1</i>	-0.04316305	0.12658756	-0.340973872	0.733123251	0.988585656
<i>Smndc1</i>	-0.229313123	0.112670649	-2.035251646	0.041825559	0.679118604
<i>5830416P10Rik</i>	0.217122544	0.607026897	0.357681917	0.720581367	0.988585656
<i>Dusp5</i>	0.125028901	0.523210942	0.238964614	0.811133022	0.991715504

<i>Smc3</i>	-0.044575993	0.15228771	-0.292709064	0.769744541	0.989990452
<i>Rbm20</i>	0.493126221	0.664060195	0.742592651	0.457728339	0.952222574
<i>Pdcd4</i>	0.195369605	0.186419407	1.048011088	0.294633498	0.907334416
<i>Bbip1</i>	0.019642093	0.200357319	0.098035318	0.921904249	0.994688009
<i>Shoc2</i>	-0.1029384	0.128076399	-0.803726527	0.42155493	0.943415794
<i>Adra2a</i>	2.156027191	0.996616011	2.163347936	0.030514429	0.657949462
<i>Gpam</i>	-0.203738902	0.260070431	-0.78339895	0.433392873	0.946252789
<i>Tectb</i>	0.475026685	1.703871352	0.278792577	0.780404012	0.990988839
<i>Gucy2g</i>	0.167626398	0.600887401	0.27896474	0.780271884	0.990988839
<i>Acsf5</i>	-0.029119457	0.09997658	-0.291262788	0.770850345	0.989990452
<i>Zdhhc6</i>	-0.036778392	0.137897966	-0.266707285	0.789694544	0.990988839
<i>Vti1a</i>	-0.091849478	0.126037109	-0.728749489	0.466154914	0.953083512
<i>Tcf7l2</i>	-0.028147311	0.345637684	-0.081435886	0.935095311	0.994688009
<i>Nrap</i>	0.600417258	0.70773636	0.848362882	0.396235907	0.934066368
<i>Casp7</i>	0.074829053	0.138018521	0.542166748	0.58770364	0.973455044
<i>Plekhs1</i>	0.561186829	1.927632995	0.291127424	0.770953866	0.989990452
<i>Dclre1a</i>	0.239014687	0.252771702	0.945575337	0.344365228	0.92080758
<i>Nhlrc2</i>	0.154630733	0.119842556	1.290282327	0.196952651	0.879755417
<i>Adrb1</i>	-0.150799053	0.218063602	-0.691537019	0.489228125	0.958560421
<i>Ccdc186</i>	-0.100290821	0.287076792	-0.349351893	0.726825145	0.988585656
<i>Vwa2</i>	1.953606192	1.953771087	0.999915601	0.317351354	0.91640698
<i>Afap1l2</i>	0.112043295	0.261713213	0.42811478	0.668567557	0.981863224
<i>Ablim1</i>	0.022917177	0.150488424	0.152285315	0.878961907	0.992886758
<i>B230217O12Rik</i>	0.963888475	0.675581809	1.426753153	0.153651059	0.854159937
<i>Fam160b1</i>	-0.208314328	0.14617243	-1.425127347	0.154120393	0.854159937
<i>Trub1</i>	-0.072353572	0.229606081	-0.315120453	0.7526702	0.988585656
<i>Atrnl1</i>	-0.080188763	0.152554204	-0.525641121	0.59913758	0.974001549
<i>Gfra1</i>	-0.205525278	0.216221262	-0.950532229	0.341841886	0.919850248
<i>Pnliprp1</i>	1.329577313	0.813161629	1.635071387	0.102034083	0.788783372
<i>Hspa12a</i>	0.195804616	0.232006506	0.843961749	0.398690781	0.93579994
<i>Eno4</i>	-0.563461514	0.182119343	-3.093913605	0.00197535	0.298625366
<i>Shtn1</i>	-0.154378278	0.184311742	-0.837593287	0.402259164	0.937834293
<i>Slc18a2</i>	-0.146216379	0.579815056	-0.252177616	0.800903779	0.990988839
<i>Pdzd8</i>	-0.119846701	0.162764451	-0.736319875	0.461536053	0.953083512
<i>Rab11fip2</i>	-0.161929922	0.196546629	-0.823875348	0.410010389	0.940983181
<i>Fam204a</i>	0.16696692	0.129958205	1.284773977	0.198871279	0.880661448
<i>Cacul1</i>	-0.01083754	0.098650488	-0.109857948	0.912522033	0.994688009
<i>Nanos1</i>	0.482299458	0.570915639	0.844782356	0.398232368	0.935327115
<i>Eif3a</i>	-0.130595042	0.145066166	-0.900244665	0.367990062	0.928436166
<i>Fam45a</i>	0.138597212	0.141756591	0.977712654	0.328216462	0.917115058
<i>Sfxn4</i>	0.286716077	0.246823646	1.161623217	0.245388547	0.896939594
<i>Prdx3</i>	0.067375306	0.122461955	0.550173369	0.582200468	0.972017845
<i>Grk5</i>	0.05443554	0.114619196	0.474925162	0.634840316	0.977034429
<i>Zfp950</i>	0.370295422	0.161959397	2.28634725	0.022233952	0.618422027
<i>Csf2ra</i>	0.169720704	0.251860613	0.673867587	0.500395501	0.9611436
<i>Fam171a1</i>	-0.337049396	0.181239953	-1.859685964	0.062929969	0.727650961
<i>Nmt2</i>	-0.121143997	0.159947371	-0.757399118	0.448810785	0.948476747
<i>Rpp38</i>	0.028851834	0.225970226	0.127679802	0.898402375	0.994364545
<i>Acbd7</i>	1.040382657	0.443942353	2.343508453	0.019103329	0.590246276
<i>Olah</i>	-0.986766488	2.2443462	-0.43966768	0.660177814	0.979924124
<i>Meig1</i>	0.243425041	0.211688374	1.149921634	0.250176149	0.896939594
<i>Dclre1c</i>	-0.229681461	0.304470422	-0.754363791	0.450630808	0.949134998
<i>Suv39h2</i>	-0.015006337	0.392943589	-0.038189545	0.969536557	0.996628386
<i>Hspa14</i>	0.068716846	0.107954832	0.636533304	0.524428881	0.965637248
<i>Cdnf</i>	-0.2245847	0.351392155	-0.639128383	0.522739417	0.965637248
<i>Fam107b</i>	-0.030598853	0.160555205	-0.190581509	0.848853478	0.992886758
<i>Frm4a</i>	-0.001973915	0.177468884	-0.011122599	0.991125633	0.998770784
<i>Prpf18</i>	-0.070781945	0.100794545	-0.702239844	0.482529601	0.957463006
<i>Bend7</i>	-0.15022927	0.158479189	-0.947943203	0.343158369	0.920191602
<i>Sephs1</i>	0.074629579	0.099430452	0.750570652	0.452911089	0.950106559
<i>Phyh</i>	-0.015700528	0.106439584	-0.147506472	0.882732272	0.992886758
<i>Mcm10</i>	-0.550505188	0.781435581	-0.704479296	0.481134339	0.957463006

<i>Optn</i>	-0.223878154	0.195357202	-1.14599386	0.251797693	0.896939594
<i>Ccdc3</i>	-0.009360493	0.609188418	-0.015365514	0.987740576	0.998148029
<i>Camk1d</i>	0.081142837	0.356647387	0.22751558	0.820022855	0.992886758
<i>Cdc123</i>	0.026809718	0.110605192	0.242391132	0.808477105	0.991020605
<i>Nudt5</i>	0.103202783	0.173159676	0.595997781	0.551176709	0.968926429
<i>Sec61a2</i>	-0.077997514	0.200618867	-0.38878454	0.697435538	0.987548136
<i>Dhtkd1</i>	-1.213279738	1.334452994	-0.90919631	0.363246512	0.926455466
<i>Upf2</i>	0.006367306	0.195150159	0.032627728	0.973971458	0.997262526
<i>Proser2</i>	-0.64472262	0.271747701	-2.372504417	0.017667952	0.579835303
<i>Echdc3</i>	0.346407505	0.183280667	1.890038434	0.05875282	0.72285319
<i>A230108P19Rik</i>	-0.284013097	1.652807569	-0.17183676	0.863565865	0.992886758
<i>Usp6nl</i>	-0.25855432	0.214286977	-1.206579717	0.227594042	0.894410876
<i>Celf2</i>	-0.137177987	0.174160117	-0.787654428	0.430898869	0.945321484
<i>Gata3</i>	-0.147614728	0.424585156	-0.347668132	0.728089432	0.988585656
<i>Taf3</i>	-0.328829475	0.324530852	-1.013245654	0.310942839	0.914819219
<i>Atp5c1</i>	0.019947506	0.135751145	0.146941712	0.883178028	0.992886758
<i>Kin</i>	0.193730166	0.275924789	0.702112219	0.482609183	0.957463006
<i>Itih2</i>	-0.489684285	0.423651822	-1.155864932	0.247736409	0.896939594
<i>Itih5</i>	-0.239058179	0.446944837	-0.534871776	0.592738526	0.974001549
<i>Sfmbt2</i>	-0.034150901	0.557501852	-0.061257018	0.951154521	0.995927651
<i>Prkcq</i>	0.192614095	0.230961313	0.83396692	0.404299625	0.938127315
<i>8030442B05Rik</i>	1.257566813	1.472799256	0.853861657	0.393181647	0.933734231
<i>Gm13293</i>	-0.051471076	0.703713718	-0.073142068	0.941693066	0.994688009
<i>Pfkfb3</i>	-0.067949923	0.23387022	-0.29054543	0.771399001	0.99006615
<i>Rbm17</i>	0.051929083	0.152820499	0.339804432	0.73400381	0.988585656
<i>Il2ra</i>	-0.512986531	0.638868174	-0.802961474	0.421997003	0.943415794
<i>Il15ra</i>	0.194857511	0.218715926	0.890915968	0.372974253	0.928840865
<i>Fbxo18</i>	0.108370618	0.145428743	0.745180184	0.4561628	0.951472839
<i>Ankrd16</i>	0.11225394	0.158093356	0.710048433	0.477674102	0.95716557
<i>Itga8</i>	0.105800604	0.106332025	0.995002253	0.319735168	0.91640698
<i>E030013I19Rik</i>	0.286499163	0.245065527	1.16907166	0.242374761	0.896939594
<i>Fam188a</i>	0.017033644	0.138290828	0.123172623	0.901970404	0.994688009
<i>Pter</i>	-0.098531792	0.393955511	-0.250108932	0.802503109	0.990988839
<i>Rsu1</i>	-0.251444672	0.190767487	-1.318068796	0.187480619	0.873560421
<i>Cubn</i>	-0.17980868	0.843305012	-0.213219034	0.831156122	0.992886758
<i>Trdmt1</i>	0.157877921	0.172996855	0.912605727	0.361449941	0.926371563
<i>Vim</i>	-0.026970384	0.151021403	-0.178586499	0.858262396	0.992886758
<i>St8sia6</i>	0.310672818	0.299405784	1.037631318	0.299441732	0.910105802
<i>Hacd1</i>	-0.004813748	0.192909041	-0.024953461	0.980092085	0.997296835
<i>Stamos</i>	-0.06319435	0.675737041	-0.093519145	0.925491141	0.994688009
<i>Stam</i>	-0.26820956	0.121545018	-2.206668485	0.027337229	0.636714037
<i>Mrc1</i>	-0.336215975	0.340411516	-0.987675091	0.323311797	0.91640698
<i>Slc39a12</i>	-0.863471303	0.78318417	-1.102513733	0.270238391	0.89804647
<i>Cacnb2</i>	0.023217586	0.333896865	0.069535202	0.944563613	0.99486515
<i>Nsun6</i>	0.217732103	0.17239268	1.26300086	0.206588871	0.883765092
<i>Arl5b</i>	-0.29756813	0.213184081	-1.395827155	0.162766551	0.859982992
<i>Plxdc2</i>	-0.158787784	0.129573848	-1.225461673	0.220401322	0.889301125
<i>Nebi</i>	-0.19246719	0.26635243	-0.722603468	0.469923537	0.95486913
<i>A930004D18Rik</i>	0.206256789	0.536800993	0.384233247	0.700805578	0.988482081
<i>Gm17762</i>	-0.304426229	0.770472996	-0.395116027	0.692757262	0.986599035
<i>Skida1</i>	0.251096382	0.257387997	0.97555591	0.329284582	0.917115058
<i>Mllt10</i>	-0.398084074	0.132676328	-3.000415225	0.002696118	0.330973815
<i>Dnajc1</i>	-0.133322707	0.144832965	-0.920527358	0.357297243	0.924354588
<i>Commd3</i>	0.202002446	0.166698645	1.21178217	0.225595775	0.89336109
<i>Bmi1</i>	-0.016584049	0.088796517	-0.186764638	0.851845174	0.992886758
<i>Spag6l</i>	0.284683882	1.929419927	0.147548949	0.882698747	0.992886758
<i>Pip4k2a</i>	-0.030904318	0.233570666	-0.132312495	0.894737125	0.993556555
<i>4930426L09Rik</i>	4.638496661	1.773257875	2.615804912	0.00890174	0.475600561
<i>Armc3</i>	-0.273814797	0.230220978	-1.189356412	0.234299445	0.89581803
<i>Msrb2</i>	0.142366206	0.161274085	0.88275935	0.377366308	0.928883222
<i>4921504E06Rik</i>	0.677898553	2.099269315	0.322921194	0.746754925	0.988585656
<i>Gm3230</i>	-0.066990114	0.609633035	-0.109885964	0.912499814	0.994688009

<i>Otud1</i>	-0.00892519	0.149849858	-0.059560881	0.952505375	0.996023481
<i>Etl4</i>	-0.056281778	0.219324614	-0.256614053	0.797476725	0.990988839
<i>Arhgap21</i>	-0.084773765	0.175245718	-0.483742289	0.628568777	0.977034429
<i>Gm13375</i>	-0.300166068	0.27733219	-1.082334032	0.279104129	0.901874653
<i>Enkur</i>	-0.567473242	0.140890263	-4.027767651	5.63E-05	0.03405023
<i>Thns1</i>	0.149458981	0.190352242	0.785170584	0.43235356	0.9459793
<i>Apbb1ip</i>	0.065738935	0.311879497	0.210783124	0.833056508	0.992886758
<i>Pdss1</i>	0.636216007	0.399006405	1.594500739	0.110823925	0.800111791
<i>Abi1</i>	0.200190526	0.092618789	2.161446166	0.030660891	0.657965788
<i>Acbd5</i>	-0.083111413	0.086745758	-0.958103482	0.33801058	0.919246575
<i>Mastl</i>	-0.336061497	0.494314924	-0.679853026	0.496597528	0.960362776
<i>Yme1l1</i>	0.088091366	0.119346689	0.738113194	0.460445667	0.953083512
<i>Spopl</i>	-0.027126406	0.184177543	-0.147284006	0.882907857	0.992886758
<i>Hnmt</i>	0.242081391	0.158059771	1.531581309	0.125625788	0.822401003
<i>Il1f9</i>	0.820496513	0.788955308	1.039978444	0.298349916	0.909779403
<i>Il1rn</i>	-0.229101531	0.230039606	-0.995922114	0.31928799	0.91640698
<i>Psd4</i>	0.024358322	0.301732548	0.08072819	0.935658118	0.994688009
<i>Cacna1b</i>	-0.613307011	1.313819907	-0.466812086	0.640634328	0.977921835
<i>Ehmt1</i>	-0.114495187	0.170623754	-0.671038966	0.502195706	0.961437685
<i>Arrdc1</i>	-0.058371883	0.118951052	-0.49072187	0.623623176	0.975691835
<i>Zmynd19</i>	-0.127953414	0.207103966	-0.617822132	0.536692593	0.96674935
<i>Dph7</i>	0.164382397	0.18977382	0.866201653	0.386379587	0.932501372
<i>Mrpl41</i>	0.220993591	0.194205974	1.137934054	0.25514802	0.897044747
<i>Pnpla7</i>	0.339120688	0.197479556	1.717244533	0.085934502	0.763596872
<i>Nsmf</i>	0.020240265	0.153970574	0.131455412	0.895415056	0.993618558
<i>Entpd8</i>	-0.923419644	0.478541154	-1.929655657	0.053649518	0.707153766
<i>Noxa1</i>	-1.339451741	0.592064354	-2.262341469	0.023676314	0.622011301
<i>Nrarp</i>	-0.068749865	0.21896728	-0.313973233	0.753541369	0.988585656
<i>Tor4a</i>	0.045904007	0.139981444	0.327929229	0.742965173	0.988585656
<i>Nelfb</i>	-0.069475463	0.132721644	-0.523467473	0.600648981	0.974001549
<i>Tubb4b</i>	-0.180682556	0.11804105	-1.530675612	0.125849584	0.822401003
<i>Cysrt1</i>	-2.505012808	1.076045902	-2.327979507	0.019913192	0.595248411
<i>Rnf208</i>	0.639055553	0.975113885	0.655365043	0.512232752	0.963486137
<i>Ndor1</i>	0.096744276	0.202106542	0.478679588	0.632166589	0.977034429
<i>Tmem203</i>	0.3265626	0.172409231	1.8941132	0.058209986	0.72285319
<i>Tprn</i>	-0.319727746	0.388360263	-0.82327616	0.410350967	0.940983181
<i>Ssna1</i>	0.232445362	0.170268413	1.365170196	0.172199563	0.86244803
<i>Anapc2</i>	0.011054159	0.152737284	0.072373675	0.942304534	0.994688009
<i>Tmem210</i>	4.382270654	1.888403712	2.320621711	0.020307269	0.601736455
<i>Lrrc26</i>	-0.192539504	0.191600642	-1.004900102	0.314944955	0.91586731
<i>AA543186</i>	0.919405967	0.672395479	1.367358937	0.171512827	0.86244803
<i>Man1b1</i>	-0.130035049	0.113472289	-1.145963037	0.251810446	0.896939594
<i>Dpp7</i>	0.175763116	0.190863817	0.92088233	0.357111865	0.924354588
<i>Uap1l1</i>	0.203193278	0.131030064	1.550737836	0.120964523	0.816233249
<i>Sapcd2</i>	0.641436677	0.386535869	1.659449298	0.097025289	0.782676152
<i>Entpd2</i>	0.112212445	0.313576997	0.357846544	0.720458157	0.988585656
<i>Npdc1</i>	-0.077866029	0.147747457	-0.527021114	0.598178926	0.974001549
<i>Fut7</i>	0.064947421	0.580998994	0.111785772	0.910993269	0.994688009
<i>Abca2</i>	0.191185779	0.228418142	0.8369991	0.402593074	0.937834293
<i>Clic3</i>	-0.035228551	0.132895046	-0.265085506	0.790943593	0.990988839
<i>BC029214</i>	0.091766448	0.146533112	0.62625059	0.53115059	0.966166773
<i>Ptgds</i>	-0.967968656	0.679920287	-1.423650206	0.154547755	0.854776826
<i>C8g</i>	0.277030153	0.460762115	0.60124334	0.547677922	0.96847584
<i>Fbxw5</i>	0.326163954	0.18611959	1.752442897	0.079697681	0.75659671
<i>Traf2</i>	0.036756305	0.123507752	0.29760322	0.766006017	0.989884648
<i>Edf1</i>	0.076976869	0.09473718	0.812530725	0.416487164	0.943415794
<i>Mamdc4</i>	0.444872035	0.432338769	1.028989457	0.303484629	0.911786415
<i>Phpt1</i>	0.446982877	0.182732313	2.446107472	0.014440795	0.554936045
<i>Gm996</i>	0.353763389	1.425430473	0.248180038	0.803995111	0.990988839
<i>Rabl6</i>	0.110844937	0.10757118	1.0304334	0.302806601	0.911623139
<i>Tmem141</i>	0.210759859	0.187508005	1.124004593	0.261011078	0.897248195
<i>Fcna</i>	-0.273613625	0.480953372	-0.568898445	0.569425061	0.97144955

<i>Bmyc</i>	0.164809145	0.270514281	0.609243786	0.542362862	0.967491297
<i>Camsap1</i>	0.005043235	0.236601919	0.021315277	0.982994158	0.997535311
<i>Ubac1</i>	0.065662421	0.140238422	0.468219907	0.639627338	0.977843986
<i>Nacc2</i>	0.49655441	0.246523968	2.014223665	0.043986056	0.688477147
<i>C330006A16Rik</i>	-0.106088367	0.166984201	-0.635319787	0.525219871	0.965637248
<i>Qsox2</i>	-0.106787539	0.131115483	-0.814454073	0.415384873	0.943415794
<i>4932418E24Rik</i>	-0.045198834	0.702842364	-0.064308637	0.948724477	0.99560893
<i>Gpsm1</i>	0.118530676	0.209303051	0.566311267	0.571182202	0.971613657
<i>Dnlz</i>	0.47371884	0.186084478	2.545719269	0.010905285	0.502706181
<i>Card9</i>	0.22765408	0.191128803	1.19110294	0.233613176	0.89581803
<i>Snapc4</i>	0.494920586	0.375253339	1.318897221	0.187203475	0.873455432
<i>Sdccag3</i>	-0.138992796	0.133935054	-1.037762649	0.29938057	0.910105802
<i>Pmpca</i>	-0.026465593	0.138085616	-0.191660753	0.848007951	0.992886758
<i>Inpp5e</i>	-0.307399803	0.303146213	-1.01403148	0.310567731	0.914819219
<i>Sec16a</i>	-0.130876113	0.203003493	-0.644698822	0.51912238	0.96446859
<i>Notch1</i>	0.068970674	0.251705277	0.274013617	0.784074157	0.990988839
<i>Egfl7</i>	0.332852528	0.114139434	2.916192201	0.003543321	0.373237482
<i>Agpat2</i>	-0.148983578	0.135671917	-1.09811656	0.272153595	0.898370293
<i>Fam69b</i>	0.232192584	0.226774351	1.023892617	0.305885998	0.91333012
<i>Snhg7</i>	0.623771214	0.34866802	1.789011834	0.07361291	0.748833631
<i>Lcn4</i>	0.414748811	1.354362785	0.306231695	0.759428242	0.989266039
<i>Surf6</i>	-0.167712481	0.165081552	-1.015937151	0.309659316	0.9139204
<i>Med22</i>	-0.108428568	0.122893653	-0.882295917	0.377616804	0.928883222
<i>Rpl7a</i>	0.185107831	0.16124416	1.147997119	0.250969753	0.896939594
<i>Surf1</i>	0.23656399	0.111209008	2.127201692	0.033403329	0.670819369
<i>Surf2</i>	0.037081423	0.196382873	0.188822083	0.850232263	0.992886758
<i>Surf4</i>	-0.06858352	0.107132661	-0.640173778	0.522059628	0.965307763
<i>Stkld1</i>	-0.285932842	0.419238658	-0.682028809	0.495220735	0.959471809
<i>Rexo4</i>	-0.102323566	0.120762463	-0.84731268	0.396820861	0.934500821
<i>Adamts13</i>	0.495006069	1.693612149	0.292278294	0.770073854	0.989990452
<i>Cacfd1</i>	0.0743456	0.149005559	0.498945141	0.617818032	0.974153
<i>Slc2a6</i>	-0.035598108	0.387351997	-0.091901185	0.92677655	0.994688009
<i>Adamts12</i>	-0.227147064	0.393555228	-0.577166933	0.563826693	0.969658675
<i>Sardh</i>	-0.026898342	0.448636041	-0.05995582	0.952190822	0.996023481
<i>Vav2</i>	0.196931196	0.330946007	0.595055362	0.551806465	0.968926429
<i>Brd3</i>	-0.131514962	0.202080835	-0.650803732	0.515173191	0.964352198
<i>Wdr5</i>	-0.022573042	0.162791009	-0.13866271	0.889716687	0.993043931
<i>Rxra</i>	-0.106491152	0.198331997	-0.536933797	0.591313345	0.974001549
<i>Col5a1</i>	-0.125651233	0.305762974	-0.410943259	0.681114141	0.98444165
<i>Olfm1</i>	-0.072089816	0.172576925	-0.417725696	0.676147683	0.983549699
<i>Ppp1r26</i>	-0.291410994	0.385403819	-0.756118595	0.449578094	0.948476747
<i>1700007K13Rik</i>	0.027020771	0.163221869	0.165546265	0.868514038	0.992886758
<i>Mrps2</i>	-0.157000312	0.24597258	-0.638283797	0.523288957	0.965637248
<i>Gbgt1</i>	-0.463835331	0.707080027	-0.655987036	0.511832466	0.963452765
<i>Ralgds</i>	-0.237719573	0.248892213	-0.95511053	0.339521804	0.919246575
<i>Gtf3c5</i>	-0.025656854	0.179491804	-0.142941645	0.886336268	0.992886758
<i>Gfi1b</i>	-0.888087226	1.899448594	-0.467550019	0.640106415	0.977921835
<i>Tsc1</i>	-0.109161686	0.271428857	-0.402174208	0.687555823	0.98538669
<i>1700026L06Rik</i>	-0.32426495	0.159804142	-2.029139828	0.04244405	0.68118841
<i>Ak8</i>	-0.45328237	0.224219143	-2.021604244	0.043217253	0.685056403
<i>Gtf3c4</i>	-0.268136985	0.175257107	-1.529963547	0.126025752	0.822401003
<i>Ddx31</i>	0.048282911	0.21442337	0.225175602	0.821842669	0.992886758
<i>Barhl1</i>	-0.828233649	2.520148693	-0.328644755	0.742424216	0.988585656
<i>1700101E01Rik</i>	-0.013863259	0.339967284	-0.040778216	0.967472706	0.996474415
<i>Ttf1</i>	-0.148074291	0.160333647	-0.923538472	0.355726661	0.924354588
<i>Setx</i>	-0.001799533	0.187508848	-0.009597058	0.992342773	0.998827474
<i>Ntng2</i>	0.187662265	0.844204059	0.22229491	0.824084314	0.992886758
<i>6530402F18Rik</i>	0.099278102	0.500099075	0.198516868	0.842640688	0.992886758
<i>Med27</i>	-0.273804787	0.281437777	-0.972878588	0.330613648	0.917115058
<i>Rapgef1</i>	-0.025588468	0.171794403	-0.148948204	0.881594504	0.992886758
<i>Trub2</i>	0.227770985	0.1318808	1.727097393	0.084150174	0.76099108
<i>Coq4</i>	-0.252727361	0.190624308	-1.325787689	0.184910032	0.871716376

<i>Slc27a4</i>	0.221220598	0.163062615	1.356660437	0.174889129	0.864111192
<i>Urm1</i>	0.314540803	0.154984751	2.029495166	0.042407881	0.68118841
<i>Cercam</i>	-0.194724315	0.38188202	-0.509906998	0.610116619	0.974001549
<i>Odf2</i>	-0.181012789	0.242930131	-0.745122838	0.456197464	0.951472839
<i>Gle1</i>	-0.019954768	0.117380094	-0.170001299	0.865009115	0.992886758
<i>Sptan1</i>	0.025573474	0.205099055	0.124688405	0.900770238	0.994688009
<i>Wdr34</i>	0.067505824	0.138343083	0.487959519	0.625578514	0.97639266
<i>Set</i>	0.099951669	0.095896611	1.042285727	0.297279228	0.909070179
<i>Pkn3</i>	0.151894603	0.259669896	0.584952684	0.558579532	0.968926429
<i>Zdhhc12</i>	0.346667595	0.251895993	1.37623307	0.168749487	0.861597949
<i>Zer1</i>	-0.181299266	0.284804368	-0.636574738	0.524401885	0.965637248
<i>Tbc1d13</i>	0.038149334	0.18312883	0.208319652	0.834979388	0.992886758
<i>Endog</i>	0.222977627	0.202665736	1.100223605	0.271234708	0.89804647
<i>D2Wsu81e</i>	-0.25376958	0.169363087	-1.498375972	0.134035595	0.827800491
<i>Ccbl1</i>	0.058009682	0.258651371	0.224277496	0.822541386	0.992886758
<i>1700084E18Rik</i>	-0.364453858	0.661610707	-0.550858464	0.581730703	0.971915898
<i>Lrrc8a</i>	0.006991033	0.213383744	0.032762724	0.973863804	0.997262526
<i>Phyhd1</i>	0.316140153	0.194453144	1.625790907	0.103994143	0.79155232
<i>Dolk</i>	0.143403	0.194719375	0.736459845	0.461450896	0.953083512
<i>Nup188</i>	-0.05583593	0.304738319	-0.183225825	0.854620832	0.992886758
<i>Sh3glb2</i>	0.09699158	0.132137815	0.734018341	0.46293756	0.953083512
<i>Fam73b</i>	-0.118853545	0.206174591	-0.576470382	0.564297283	0.969658675
<i>Dolpp1</i>	-0.392695123	0.228250504	-1.720456761	0.085349447	0.761635307
<i>Crat</i>	-0.187455872	0.163698608	-1.145128079	0.252156106	0.896939594
<i>Ppp2r4</i>	-0.014073797	0.097810929	-0.143887774	0.88558909	0.992886758
<i>Ier5l</i>	-0.046007124	0.479537495	-0.095940619	0.923567734	0.994688009
<i>Cstad</i>	0.818861159	0.549370181	1.490545332	0.136080906	0.832457116
<i>1700001O22Rik</i>	0.815411687	0.748598562	1.08925094	0.276043241	0.900302631
<i>Ntmt1</i>	0.241562667	0.140310125	1.721633899	0.085135858	0.761635307
<i>Asb6</i>	-0.152340426	0.181711962	-0.838362122	0.401827356	0.937834293
<i>Prrx2</i>	-0.391326181	0.807349044	-0.484705078	0.627885564	0.976968316
<i>Ptges</i>	-0.011989999	0.165023184	-0.07265645	0.942079505	0.994688009
<i>Tor1b</i>	-0.206105977	0.122979602	-1.675936286	0.093750673	0.775558829
<i>Tor1a</i>	0.142306739	0.141802273	1.003557532	0.315591933	0.91586731
<i>BC005624</i>	-0.0982127	0.112481286	-0.873147024	0.382582946	0.930775109
<i>Usp20</i>	0.300581879	0.220378067	1.36393736	0.172587281	0.86244803
<i>Fnbp1</i>	-0.161155914	0.211458161	-0.762117259	0.445990023	0.948476747
<i>D330023K18Rik</i>	0.26077402	0.26660521	0.978127997	0.328011023	0.917115058
<i>Gpr107</i>	0.001175241	0.187005647	0.006284524	0.994985709	0.999285699
<i>Ncs1</i>	-0.146503583	0.417530808	-0.350880894	0.725677706	0.988585656
<i>Ass1</i>	-0.054406005	0.138630894	-0.392452244	0.694724091	0.987013595
<i>Fubp3</i>	0.057920681	0.146953064	0.394144085	0.693474665	0.986698113
<i>Exosc2</i>	0.005308763	0.170576557	0.031122464	0.975171875	0.997262526
<i>Abl1</i>	-0.384457759	0.205258158	-1.873044969	0.061062175	0.725221283
<i>Qrfp</i>	0.341430818	1.150488033	0.296770421	0.766641789	0.989884648
<i>Lamc3</i>	0.165400794	0.542504678	0.304883626	0.760454787	0.989266039
<i>Aif1l</i>	0.151783994	0.244496847	0.620801434	0.534730279	0.96674935
<i>Nup214</i>	0.052411658	0.2416479	0.216892669	0.828291991	0.992886758
<i>Fam78a</i>	-0.311523098	0.413760641	-0.752906555	0.451506069	0.949134998
<i>Ppapdc3</i>	0.239594579	0.448714458	0.533957787	0.59337074	0.974001549
<i>Prrc2b</i>	0.361223866	0.198658589	1.818314865	0.069016022	0.743426713
<i>Pomt1</i>	-0.55948775	0.349681949	-1.599990369	0.10960072	0.798505558
<i>Uck1</i>	-0.119092404	0.104306311	-1.141756455	0.253555267	0.897044747
<i>Swi5</i>	0.239154471	0.152518425	1.568036591	0.116872593	0.812679331
<i>Golga2</i>	-0.12243651	0.177721421	-0.688923764	0.490871244	0.958896244
<i>Dnm1</i>	0.614896079	0.713262702	0.86208921	0.388638429	0.933269543
<i>Ciz1</i>	-0.026147224	0.247249482	-0.10575239	0.915778812	0.994688009
<i>1110008P14Rik</i>	0.0704679	0.209625437	0.336161019	0.736749446	0.988585656
<i>Lcn2</i>	-0.682359798	0.29422924	-2.319143393	0.020387263	0.601921946
<i>Ptges2</i>	0.184534416	0.152351284	1.211242934	0.225802313	0.893616175
<i>Slc25a25</i>	0.034392079	0.243150175	0.141443778	0.887519372	0.992886758
<i>Naif1</i>	-0.517906114	0.45711957	-1.132977339	0.25722377	0.897248195

<i>Fam102a</i>	-0.37956757	0.204124287	-1.859492444	0.062957369	0.727650961
<i>Dpm2</i>	-0.151834889	0.109166517	-1.390855848	0.164269144	0.859982992
<i>Pip5k1l</i>	0.295284217	1.826596241	0.161658176	0.871575042	0.992886758
<i>St6galnac4</i>	-0.249777024	0.217690577	-1.147394744	0.251218512	0.896939594
<i>St6galnac6</i>	0.049691588	0.167116486	0.29734701	0.766201595	0.989884648
<i>Ak1</i>	0.173167149	0.137337924	1.260883691	0.207350755	0.883765092
<i>Eng</i>	-0.179882311	0.176036417	-1.021847149	0.30685325	0.9139204
<i>Fpgs</i>	-0.170536602	0.305753811	-0.557757893	0.577009719	0.971613657
<i>Cdk9</i>	0.05706865	0.107972546	0.528547787	0.597119189	0.974001549
<i>Mir3960</i>	-0.459104309	0.878618932	-0.522529497	0.601301714	0.974001549
<i>Sh2d3c</i>	-0.168688016	0.237829051	-0.709282634	0.478149103	0.957438234
<i>6330409D20Rik</i>	0.314900215	1.409966848	0.223338737	0.823271881	0.992886758
<i>Ttc16</i>	-0.50677629	0.346038575	-1.464508084	0.143055176	0.840741274
<i>Tor2a</i>	-0.182358703	0.137332975	-1.327858103	0.184224988	0.871468131
<i>Pthr1</i>	0.470527105	0.315998812	1.489015425	0.136483307	0.832506992
<i>1700019L03Rik</i>	-0.113850111	0.255022816	-0.44643108	0.655285886	0.979133069
<i>Stxbp1</i>	0.050368166	0.278262395	0.181009604	0.856360038	0.992886758
<i>Fam129b</i>	-0.00705562	0.174139149	-0.04051714	0.967680842	0.996474415
<i>Lrsam1</i>	0.046512209	0.216547607	0.214789764	0.829931234	0.992886758
<i>Rpl12</i>	0.413756994	0.255075915	1.622093544	0.10478332	0.793137353
<i>Snora65</i>	0.490910274	0.424788336	1.155658555	0.247820847	0.896939594
<i>Slc2a8</i>	-0.071961676	0.241984383	-0.297381487	0.766175276	0.989884648
<i>Garnl3</i>	0.44474807	0.355752671	1.250160874	0.211240786	0.884390587
<i>Ralgps1</i>	-0.436024514	0.449256484	-0.970546958	0.33177393	0.917115058
<i>Angptl2</i>	0.010646316	0.236266307	0.045060661	0.964058957	0.996474415
<i>Zbtb34</i>	0.182688473	0.368337659	0.49598098	0.61990783	0.974471036
<i>Zbtb43</i>	-0.092282824	0.275377403	-0.335114003	0.73753909	0.988585656
<i>C130021I20Rik</i>	-0.209460597	0.822330216	-0.25471592	0.798942519	0.990988839
<i>Mvb12b</i>	-0.223379897	0.183820462	-1.215206915	0.224287184	0.892989918
<i>C230014O12Rik</i>	0.188543401	0.874976506	0.215483958	0.829390018	0.992886758
<i>Pbx3</i>	-0.271201587	0.215841474	-1.256485061	0.208940159	0.884258007
<i>Mapkap1</i>	0.220764996	0.189019987	1.167945249	0.24282885	0.896939594
<i>Gapvd1</i>	-0.129239241	0.140359842	-0.92077078	0.357170113	0.924354588
<i>Hspa5</i>	-0.403301529	0.103898945	-3.881671069	0.000103741	0.056459384
<i>Rabepk</i>	0.122177617	0.186402842	0.655449328	0.512178501	0.963486137
<i>Fbxw2</i>	0.164108427	0.09038674	1.815625035	0.069427911	0.743426713
<i>Psmd5</i>	0.082637612	0.118496711	0.697383166	0.485563034	0.957710647
<i>Cutal</i>	-0.029421489	0.168643685	-0.174459477	0.861504375	0.992886758
<i>Phf19</i>	0.445882636	0.716310923	0.622470805	0.533632335	0.96674935
<i>Traf1</i>	0.122250612	0.168397514	0.72596447	0.467860552	0.953657709
<i>Hc</i>	-0.175766682	0.161245673	-1.090055185	0.275688836	0.900302631
<i>Al182371</i>	0.18835132	0.337581988	0.557942445	0.576883687	0.971613657
<i>Cntrl</i>	-0.017930728	0.186506825	-0.096139793	0.923409547	0.994688009
<i>Rab14</i>	-0.127573877	0.09165091	-1.391954288	0.163936241	0.859982992
<i>Gsn</i>	-0.228574231	0.166978339	-1.368885528	0.17103506	0.86244803
<i>Stom</i>	-0.119131089	0.097092269	-1.226988419	0.219826944	0.888847883
<i>Ggta1</i>	-0.014544901	0.101219732	-0.143696298	0.885740295	0.992886758
<i>Gm13446</i>	-1.579218273	1.868860247	-0.845016783	0.398101469	0.935327115
<i>Dab2ip</i>	0.101581239	0.213882473	0.474939518	0.634830084	0.977034429
<i>Tll11</i>	0.008798694	0.349632995	0.025165514	0.979922944	0.997296835
<i>Ndufa8</i>	0.336208173	0.119150143	2.821718596	0.004776707	0.391906015
<i>Morn5</i>	0.298528149	0.270381013	1.104101748	0.269549003	0.89804647
<i>Lhx6</i>	0.021493604	0.466129465	0.046110804	0.963221935	0.996474415
<i>Rbm18</i>	-0.062020694	0.099709305	-0.622015108	0.533931934	0.96674935
<i>Mrrf</i>	0.076923446	0.146236604	0.526020465	0.598873988	0.974001549
<i>Ptgs1</i>	-0.417605289	0.172804526	-2.416633984	0.01566476	0.557315333
<i>Pdcl</i>	0.022510065	0.111932433	0.201104041	0.840617222	0.992886758
<i>Rc3h2</i>	-0.090751373	0.161617489	-0.56151951	0.574443434	0.971613657
<i>Zbtb6</i>	0.087947458	0.16541413	0.531680446	0.594947337	0.974001549
<i>Zbtb26</i>	-0.195170096	0.194434746	-1.003781989	0.315483708	0.91586731
<i>Rabgap1</i>	0.029303192	0.123887021	0.236531571	0.813020212	0.992048071
<i>Gpr21</i>	-0.138635376	0.637152344	-0.217585915	0.82775176	0.992886758

<i>Strbp</i>	-0.151106144	0.129476409	-1.167055414	0.243187992	0.896939594
<i>Crb2</i>	-0.169207987	0.651186588	-0.259845626	0.794982855	0.990988839
<i>Dennd1a</i>	-0.446630722	0.275865528	-1.619016068	0.105443806	0.793982106
<i>Nek6</i>	-0.132564972	0.152364894	-0.870049314	0.384273455	0.931689378
<i>Psmb7</i>	0.198268461	0.112416319	1.763698218	0.077782801	0.754202
<i>Nr6a1</i>	-0.234224212	0.415651799	-0.563510642	0.573087216	0.971613657
<i>Olfml2a</i>	-0.050795484	0.340317276	-0.149259198	0.88134911	0.992886758
<i>Wdr38</i>	-0.202626646	0.402518578	-0.503397003	0.614685178	0.974001549
<i>Rpl35</i>	0.481745254	0.262569924	1.834731283	0.066545515	0.738254074
<i>Arpc5l</i>	0.266002523	0.170684728	1.558443611	0.119128125	0.814755048
<i>Golga1</i>	-0.260656793	0.159244454	-1.636834351	0.101665086	0.788783372
<i>Scal</i>	-0.246701897	0.216952726	-1.137122829	0.255486942	0.897044747
<i>Ppp6c</i>	-0.167293572	0.131265328	-1.274468857	0.202497303	0.88210274
<i>Kynu</i>	0.181951645	0.361227574	0.503703644	0.614469647	0.974001549
<i>Arhgap15</i>	0.400967857	0.159440962	2.514835903	0.01190878	0.52408261
<i>Gtdc1</i>	-0.007847043	0.204387078	-0.038393049	0.969374303	0.996600044
<i>Zeb2</i>	0.252137322	0.169148914	1.490623354	0.136060409	0.832457116
<i>Zeb2os</i>	0.142488141	0.279828577	0.509197964	0.61061347	0.974001549
<i>Acvr2a</i>	-0.20154269	0.163576369	-1.2321015	0.217911171	0.887683556
<i>Orc4</i>	0.15947828	0.165312071	0.964710436	0.334689866	0.918030088
<i>Mbd5</i>	0.042465174	0.291739827	0.145558373	0.884270032	0.992886758
<i>Epc2</i>	-0.038708076	0.120965086	-0.319993785	0.748973042	0.988585656
<i>Kif5c</i>	-0.1658054	1.259807459	-0.131611699	0.895291432	0.993618558
<i>Lypd6b</i>	0.027609106	0.299819846	0.092085654	0.926629987	0.994688009
<i>Lypd6</i>	-0.05158477	0.360525495	-0.14308217	0.886225287	0.992886758
<i>Mmadhc</i>	0.135790899	0.100044416	1.357306129	0.174683961	0.864000311
<i>Gm13483</i>	-0.432941589	1.204953885	-0.359301376	0.719369645	0.988585656
<i>Gm13498</i>	0.207672743	1.469042055	0.141366098	0.887580735	0.992886758
<i>Rnd3</i>	-0.033397436	0.22523653	-0.148277176	0.882124027	0.992886758
<i>Gm13490</i>	0.617889869	2.336463181	0.264455213	0.791429171	0.990988839
<i>Rbm43</i>	-0.095119748	0.118404519	-0.803345592	0.421775013	0.943415794
<i>Nmi</i>	0.052642712	0.137427225	0.383058826	0.701676147	0.988482081
<i>Tnfaip6</i>	-0.352563226	0.636923454	-0.553540969	0.579893035	0.971613657
<i>Rif1</i>	-0.309317135	0.166428415	-1.858559636	0.063089583	0.727650961
<i>Neb</i>	0.652789591	1.767631073	0.369301943	0.711902677	0.988585656
<i>Arl5a</i>	-0.069078212	0.112802095	-0.612384126	0.540283642	0.966989525
<i>Cacnb4</i>	0.439214597	0.194174652	2.261956401	0.023700097	0.622011301
<i>Stam2</i>	-0.249789599	0.141115392	-1.770108809	0.076709016	0.752876039
<i>Fmnl2</i>	-0.094844535	0.207815526	-0.456388111	0.648110914	0.979004493
<i>Prpf40a</i>	-0.265067964	0.154096724	-1.720140161	0.085406967	0.761635307
<i>Arl6ip6</i>	-0.125254861	0.143899516	-0.870432813	0.384063921	0.931591679
<i>Rprm</i>	0.20434495	0.292026474	0.699748028	0.484084677	0.957710647
<i>Galnt13</i>	-0.349433263	0.252685518	-1.382878079	0.166702253	0.860403806
<i>Kcnj3</i>	-0.70935166	0.450213272	-1.575590289	0.115120256	0.81007959
<i>Nr4a2</i>	-0.007551013	0.554207527	-0.013624883	0.989129252	0.998182772
<i>BB557941</i>	-3.981352655	1.827218373	-2.178914525	0.029338018	0.64858361
<i>Gpd2</i>	-0.090971311	0.205444807	-0.442801703	0.657909171	0.979614766
<i>Galnt5</i>	-0.375612162	0.475870201	-0.789316417	0.429927094	0.945321484
<i>Cytip</i>	-0.143881028	0.132592083	-1.085140415	0.27785947	0.901315669
<i>Gm13546</i>	-0.027956874	0.567866729	-0.0492314	0.960734888	0.996474415
<i>Acvr1c</i>	-0.05068386	0.837970383	-0.060484071	0.951770102	0.996023481
<i>Acvr1</i>	-0.175166553	0.169631091	-1.032632358	0.301775979	0.911518274
<i>Upp2</i>	0.381323007	0.258431357	1.475529176	0.14007033	0.837580108
<i>Ccdc148</i>	-0.006534732	0.490686348	-0.013317534	0.989374459	0.998182772
<i>Pkp4</i>	-0.422444449	0.142068578	-2.973524858	0.002944006	0.345591998
<i>Dapl1</i>	1.185790373	0.402262052	2.94780571	0.003200381	0.355460045
<i>Tanc1</i>	-0.063228356	0.156502877	-0.404007628	0.68620711	0.98538669
<i>Wdsub1</i>	0.009488602	0.213173264	0.044511218	0.964496911	0.996474415
<i>Baz2b</i>	0.127128464	0.184519665	0.688969732	0.490842315	0.958896244
<i>Mar-07</i>	-0.048387685	0.156710781	-0.30877062	0.757496019	0.989266039
<i>Cd302</i>	0.104510937	0.170726083	0.612155655	0.540434778	0.966989525
<i>Ly75</i>	-0.004536263	0.341315437	-0.01329053	0.989396003	0.998182772

<i>Gm13580</i>	-0.049771068	0.482290211	-0.103197342	0.91780635	0.994688009
<i>Pla2r1</i>	-0.134209394	0.177550694	-0.755893379	0.449713124	0.948639041
<i>Itgb6</i>	-0.06904584	0.206028111	-0.335128247	0.737528346	0.988585656
<i>Rbms1</i>	-0.308406699	0.155949042	-1.977612009	0.047972493	0.703094165
<i>Gm13582</i>	0.080448737	1.915348675	0.042002137	0.966496995	0.996474415
<i>Tank</i>	0.025268421	0.142908981	0.176814785	0.859653875	0.992886758
<i>Psmc14</i>	0.188186752	0.182590077	1.030651583	0.302704237	0.911518274
<i>Slc4a10</i>	0.964753789	1.30774311	0.737724238	0.46068204	0.953083512
<i>Dpp4</i>	-0.056966009	0.13215887	-0.431041889	0.666437913	0.981863224
<i>Fap</i>	1.052473896	0.658317823	1.598732192	0.109880121	0.798948974
<i>Ifih1</i>	0.109612033	0.16261804	0.674045963	0.500282093	0.9611436
<i>Gca</i>	-0.166154444	0.147436759	-1.126953991	0.259761934	0.897248195
<i>Fign</i>	-0.277566632	0.437699185	-0.6341493	0.525983392	0.965637248
<i>Grb14</i>	-0.154078442	0.149201489	-1.032687027	0.301750387	0.911518274
<i>Cobll1</i>	0.276600592	0.221072237	1.251177422	0.210869754	0.884374639
<i>Slc38a11</i>	0.784125906	0.56814034	1.380162349	0.167536664	0.860403806
<i>Scn3a</i>	0.386872991	0.27292947	1.417483391	0.156341647	0.855455553
<i>Scn2a1</i>	-0.408371847	0.715275953	-0.570929087	0.568047713	0.971255107
<i>Galnt3</i>	-0.346747781	0.159839185	-2.169354035	0.030055816	0.650824012
<i>Ttc21b</i>	-0.270604961	0.226209888	-1.196256112	0.23159663	0.895404344
<i>Scn7a</i>	0.036483116	0.113644495	0.321028454	0.748188828	0.988585656
<i>Xirp2</i>	-0.405029772	0.882058264	-0.459187096	0.646099817	0.979004493
<i>B3galt1</i>	-0.309027636	0.639115202	-0.483524152	0.628723615	0.977034429
<i>Stk39</i>	-0.165160599	0.177951216	-0.928122902	0.353343821	0.923786159
<i>Cers6</i>	-0.171464527	0.427750241	-0.400851971	0.688529113	0.98538669
<i>Nostrin</i>	-0.120286525	0.139151733	-0.864427067	0.387353329	0.932858077
<i>Spc25</i>	0.340202224	0.305820079	1.112426053	0.265955008	0.89768067
<i>Dhrs9</i>	-0.562092299	1.1991235	-0.468752633	0.63924646	0.977843986
<i>Lrp2</i>	-0.06499603	0.249165945	-0.260854389	0.7942048	0.990988839
<i>Bbs5</i>	-0.2358238	0.159177532	-1.481514364	0.13846956	0.834856909
<i>Klhl41</i>	0.013256888	0.510784859	0.025953956	0.979294064	0.997262526
<i>Fastkd1</i>	-0.17075628	0.270640686	-0.630933518	0.528083995	0.965637248
<i>Ppig</i>	-0.038509355	0.14217906	-0.270851098	0.786505558	0.990988839
<i>Ccdc173</i>	0.104118039	0.306722783	0.339453227	0.734268327	0.988585656
<i>Phospho2</i>	0.181618334	0.18709525	0.970726591	0.331684447	0.917115058
<i>Klhl23</i>	0.142136749	0.173952748	0.81709976	0.41387142	0.943415794
<i>Ssb</i>	-0.202913532	0.105757539	-1.9186673	0.055026452	0.711899277
<i>Mettl5</i>	0.453895915	0.205778079	2.205754463	0.027401196	0.636714037
<i>Ubr3</i>	-0.122588394	0.182600746	-0.671346621	0.501999741	0.961378071
<i>Myo3b</i>	-2.069381535	1.188657768	-1.740939731	0.081694143	0.76099108
<i>Sp5</i>	-0.346296937	0.50434044	-0.686633293	0.492313843	0.958916246
<i>Gad1os</i>	0.74267277	0.833264057	0.891281418	0.372778215	0.928840865
<i>Erich2</i>	-0.013458275	0.184104337	-0.073101345	0.941725472	0.994688009
<i>Gad1</i>	-0.029520669	1.147831811	-0.025718637	0.979481759	0.997262526
<i>Gorasp2</i>	-0.155989547	0.119782187	-1.30227666	0.192821827	0.879588734
<i>Tlk1</i>	-0.137820275	0.100593524	-1.370071048	0.170664724	0.86244803
<i>Mettl8</i>	-0.017843783	0.18573914	-0.096069054	0.923465729	0.994688009
<i>Dcaf17</i>	0.021094278	0.143910771	0.146578871	0.883464432	0.992886758
<i>Cybrd1</i>	0.163437648	0.288532261	0.566444972	0.571091331	0.971613657
<i>Dync1i2</i>	-0.141613924	0.113070596	-1.252438113	0.210410266	0.884340413
<i>Slc25a12</i>	-0.041774605	0.137767004	-0.303226492	0.761717261	0.989285682
<i>Hat1</i>	0.089906239	0.145164317	0.619341179	0.535691622	0.96674935
<i>Metap1d</i>	0.105854423	0.193112993	0.548147596	0.583590562	0.972174584
<i>Platr26</i>	0.654886672	1.911436691	0.34261489	0.731888199	0.988585656
<i>Itga6</i>	-0.104716587	0.202428849	-0.517300709	0.604946259	0.974001549
<i>Pdk1</i>	0.041565266	0.114696625	0.362393106	0.71705829	0.988585656
<i>Rapgef4</i>	0.131057235	0.217109975	0.603644469	0.546080041	0.96778188
<i>Zak</i>	-0.06899804	0.212338941	-0.324942942	0.745224256	0.988585656
<i>Cdca7</i>	-0.014293048	0.358836782	-0.039831613	0.968227372	0.996474415
<i>Sp3</i>	-0.056430857	0.105843527	-0.533153597	0.59392726	0.974001549
<i>Sp3os</i>	0.068938871	0.267491071	0.257724008	0.796619916	0.990988839
<i>Ola1</i>	-0.042540639	0.108072806	-0.393629453	0.693854633	0.986894729

<i>Cir1</i>	0.039508971	0.136396115	0.289663462	0.772073711	0.99050004
<i>Scrn3</i>	-0.082144981	0.122070325	-0.672931616	0.500990797	0.961184107
<i>Gpr155</i>	0.050948722	0.211817185	0.240531579	0.809918185	0.991419855
<i>Wipf1</i>	-0.064005219	0.160652072	-0.398408923	0.690328781	0.986002801
<i>Chrna1</i>	0.225262313	0.424197171	0.531032096	0.595396538	0.974001549
<i>Chn1os3</i>	2.25624264	1.539450024	1.465616035	0.14275292	0.840741274
<i>Chn1</i>	0.127321391	0.164438214	0.774281037	0.438764615	0.947831419
<i>Atf2</i>	-0.143518617	0.129876597	-1.105038326	0.269142983	0.89804647
<i>Atp5g3</i>	0.125024599	0.127603226	0.979791834	0.327188884	0.916882624
<i>Lnp</i>	0.122620367	0.203615126	0.602216393	0.547030105	0.968115622
<i>Hoxd9</i>	0.329086438	1.371783346	0.239896802	0.81041026	0.991438232
<i>Hoxd8</i>	-0.464858525	0.734582626	-0.632819928	0.526851241	0.965637248
<i>Mtx2</i>	-0.072184399	0.139122522	-0.51885488	0.603861944	0.974001549
<i>Hnnpa3</i>	-0.050475006	0.118304086	-0.426654794	0.669630781	0.981863224
<i>Nfe2l2</i>	-0.284991774	0.111544977	-2.554949417	0.010620323	0.502706181
<i>Agps</i>	-0.15475822	0.096813771	-1.598514526	0.109928515	0.798948974
<i>Ttc30b</i>	-0.133624901	0.146021679	-0.915103169	0.360137471	0.925913281
<i>Ttc30a2</i>	-0.665935074	1.425920613	-0.467021142	0.640484752	0.977921835
<i>Ttc30a1</i>	0.003092965	0.227581255	0.013590599	0.989156605	0.998182772
<i>Rbm45</i>	0.213311904	0.167375895	1.27444818	0.202504627	0.88210274
<i>Osbpl6</i>	-0.037664462	0.181820156	-0.207152291	0.835890926	0.992886758
<i>Prkra</i>	0.176019797	0.179999182	0.977892205	0.328127641	0.917115058
<i>Fkbp7</i>	-0.01236811	0.114828808	-0.10770912	0.914226435	0.994688009
<i>Plekha3</i>	-0.249432693	0.111943327	-2.228205113	0.02586684	0.631530315
<i>Ttn</i>	0.411013838	0.538898641	0.762692289	0.445646931	0.948476747
<i>Ccdc141</i>	-0.195220006	0.197165521	-0.990132581	0.32210932	0.91640698
<i>Sestd1</i>	-0.15048939	0.156068815	-0.964250224	0.33492049	0.918190441
<i>Zfp385b</i>	-1.187068497	0.495372341	-2.396315658	0.016560821	0.566772949
<i>Cwc22</i>	-0.006183427	0.231578249	-0.026701241	0.978698023	0.997262526
<i>Ube2e3</i>	0.026307756	0.082541578	0.318721258	0.749937893	0.988585656
<i>Itga4</i>	-0.128279351	0.222476732	-0.576596705	0.564211926	0.969658675
<i>Cerkl</i>	-0.067644287	0.790988977	-0.085518622	0.931849092	0.994688009
<i>Ssfa2</i>	-0.046877999	0.159745158	-0.293454901	0.769174466	0.989990452
<i>Pde1a</i>	0.37925778	0.279755475	1.355675992	0.175202281	0.864468918
<i>Dnajc10</i>	-0.151403147	0.097864184	-1.547074133	0.121845371	0.816233249
<i>Nckap1</i>	-0.242798164	0.114204208	-2.126000157	0.033503246	0.671174852
<i>Dusp19</i>	0.400394107	0.201770123	1.984407312	0.047210452	0.700095406
<i>Nup35</i>	0.132286559	0.187326387	0.706182195	0.480074842	0.957463006
<i>Zc3h15</i>	-0.011168074	0.110311749	-0.101241016	0.919359138	0.994688009
<i>Itgav</i>	0.017943164	0.219771174	0.081644757	0.934929209	0.994688009
<i>Fam171b</i>	0.358386258	0.7079718	0.506215442	0.612705416	0.974001549
<i>Zswim2</i>	-2.784176742	2.456117415	-1.133568259	0.256975694	0.897248195
<i>Calcl</i>	0.132662871	0.138691577	0.956531562	0.338803746	0.919246575
<i>Tfpi</i>	0.053407663	0.109871681	0.486091254	0.626902468	0.976663797
<i>Gm13710</i>	-2.099618664	2.446908841	-0.858069834	0.390853903	0.933734231
<i>Ctnnd1</i>	-0.203391942	0.216485242	-0.939518741	0.347464475	0.921552698
<i>2700094K13Rik</i>	0.180768368	0.196806346	0.918508833	0.358352537	0.924798085
<i>Tmx2</i>	0.06877694	0.120935551	0.568707378	0.56955474	0.97144955
<i>Med19</i>	-0.197772056	0.137933712	-1.433819576	0.151623757	0.85193038
<i>Zdhhc5</i>	-0.003136061	0.141227197	-0.022205788	0.9822838	0.997390438
<i>Clp1</i>	-0.036434724	0.212149881	-0.171740489	0.863641553	0.992886758
<i>Ypel4</i>	0.658626073	1.842741298	0.357416461	0.720780055	0.988585656
<i>Serping1</i>	-0.308557993	0.123018217	-2.508230083	0.012133763	0.525888996
<i>Ube2l6</i>	0.398521635	0.173192886	2.301027748	0.021390063	0.60743619
<i>Smtnl1</i>	-1.597809108	1.426436572	-1.120140313	0.262653974	0.897248195
<i>Timm10</i>	0.278186703	0.224693978	1.238069244	0.215690387	0.887633697
<i>Slc43a1</i>	0.085065246	0.348378205	0.244174993	0.807095293	0.99099448
<i>Rtn4rl2</i>	-2.58447816	0.995152036	-2.597068655	0.009402313	0.478229167
<i>Slc43a3</i>	-0.200399776	0.118282858	-1.69424192	0.090219322	0.769347579
<i>Prg2</i>	-2.173108192	0.990059439	-2.194926998	0.028168835	0.641905969
<i>P2rx3</i>	0.295719873	1.116528804	0.264856466	0.791120036	0.990988839
<i>Ssrp1</i>	-0.247540614	0.183560315	-1.348551913	0.177480935	0.866855369

<i>Tnks1bp1</i>	0.076555792	0.261541157	0.292710305	0.769743592	0.989990452
<i>4930443O20Rik</i>	-1.73494973	0.846423146	-2.049742778	0.040389538	0.679118604
<i>Aplnr</i>	-0.183618221	0.302450816	-0.607101094	0.543783824	0.967491297
<i>Lrrc55</i>	-0.854726852	0.853606459	-1.001312541	0.316675732	0.91640698
<i>4833423E24Rik</i>	0.734464389	1.639306282	0.448033658	0.654128906	0.979133069
<i>Olfr1033</i>	-0.308383305	0.266975754	-1.155098547	0.248050073	0.896939594
<i>Olfr1034</i>	-1.350903626	1.149470661	-1.175239762	0.239898807	0.896939594
<i>Ptprij</i>	0.054002401	0.163015493	0.331271585	0.740439352	0.988585656
<i>Nup160</i>	-0.050886263	0.194054547	-0.262226593	0.793146752	0.990988839
<i>Fnbp4</i>	-0.167055402	0.178506545	-0.935850288	0.349350275	0.921585102
<i>Agbl2</i>	-0.223793285	0.215911468	-1.036504856	0.299966675	0.910285132
<i>Mtch2</i>	-0.035867703	0.136378958	-0.263000269	0.792550372	0.990988839
<i>C1qtnf4</i>	0.175916831	0.2840091	0.619405617	0.535649182	0.96674935
<i>Ndufs3</i>	0.114580886	0.110312107	1.038697284	0.298945545	0.909933614
<i>Kbtbd4</i>	-0.167158807	0.163307474	-1.023583327	0.306032124	0.91333012
<i>Ptpmt1</i>	0.217561382	0.203572064	1.068719247	0.285196196	0.905916508
<i>Celf1</i>	-0.164006716	0.153726511	-1.066873336	0.286029037	0.905916508
<i>Rapsn</i>	0.478310621	0.502439064	0.951977373	0.341108457	0.919850248
<i>Psmc3</i>	0.179988421	0.156364013	1.151085967	0.24969687	0.896939594
<i>Slc39a13</i>	0.175256497	0.21178004	0.8275402	0.407930946	0.939557159
<i>Spi1</i>	0.063714894	0.19886487	0.32039291	0.7486705	0.988585656
<i>Mybpc3</i>	-0.336712777	0.598764734	-0.562345706	0.573880503	0.971613657
<i>Madd</i>	0.091116577	0.229246177	0.397461708	0.691027019	0.986191149
<i>Nr1h3</i>	0.370933044	0.159632628	2.323666842	0.020143357	0.599053895
<i>Acp2</i>	-0.242235694	0.22285801	-1.086950808	0.27705855	0.900743717
<i>Ddb2</i>	0.179397893	0.242154701	0.740840016	0.458790449	0.952683168
<i>A330069E16Rik</i>	1.214166067	0.515542827	2.355121637	0.018516643	0.586147601
<i>Pacsin3</i>	-0.012279105	0.18483946	-0.066431187	0.947034541	0.995217331
<i>Arfgap2</i>	0.098032146	0.087639982	1.118577883	0.263320263	0.897248195
<i>1110051M20Rik</i>	0.055096115	0.143774651	0.383211609	0.701562871	0.988482081
<i>Lrp4</i>	0.097829357	0.191941104	0.509684247	0.610272691	0.974001549
<i>Ckap5</i>	-0.24148585	0.195298483	-1.236496292	0.216274143	0.887633697
<i>F2</i>	0.22416873	0.863255953	0.259678175	0.795112029	0.990988839
<i>Zfp408</i>	-0.237822487	0.259517294	-0.91640323	0.359455442	0.925244994
<i>Arhgap1</i>	-0.299066767	0.209484631	-1.427631066	0.153398077	0.854159937
<i>Atg13</i>	0.089595026	0.19991639	0.448162484	0.654035936	0.979133069
<i>Harbi1</i>	0.062357277	0.217056691	0.287285669	0.773893595	0.990730604
<i>Ambra1</i>	-0.01149276	0.270089853	-0.042551616	0.966058966	0.996474415
<i>Mdk</i>	0.10184457	0.299536419	0.340007303	0.733851028	0.988585656
<i>Dgkz</i>	0.040067651	0.115614786	0.346561646	0.728920664	0.988585656
<i>Creb3l1</i>	-0.287037191	0.364610333	-0.787243711	0.431139214	0.945321484
<i>Phf21a</i>	-0.03157787	0.20873458	-0.15128241	0.879752944	0.992886758
<i>Gylt11b</i>	-0.427340029	0.609971178	-0.700590528	0.483558592	0.957710647
<i>Pex16</i>	-0.128376784	0.174339293	-0.736361731	0.461510588	0.953083512
<i>1700029I15Rik</i>	2.597134672	1.941544021	1.337664582	0.181005802	0.868087032
<i>Mapk8ip1</i>	-0.15213476	0.16287122	-0.934080064	0.350262595	0.922338606
<i>Cry2</i>	-0.424118967	0.272254272	-1.557804635	0.119279567	0.815185219
<i>Slc35c1</i>	-0.396268552	0.378868565	-1.045926184	0.295595114	0.908201248
<i>Chst1</i>	0.335397654	0.273436548	1.226601407	0.21997244	0.888847883
<i>Syt13</i>	-0.381836929	1.844039458	-0.207065487	0.835958715	0.992886758
<i>Prdm11</i>	-0.605273682	0.751033391	-0.805921134	0.420288325	0.943415794
<i>4631405J19Rik</i>	0.329362776	0.540876504	0.608942658	0.542562448	0.967491297
<i>Trp53i11</i>	-0.207221551	0.328417161	-0.630970532	0.528059793	0.965637248
<i>Tspan18</i>	0.171025106	0.169980155	1.006147489	0.314344628	0.91586731
<i>Gm13807</i>	-0.241216121	0.840936827	-0.286842143	0.774233193	0.990730604
<i>Cd82</i>	0.01244854	0.144972953	0.085868018	0.931571336	0.994688009
<i>Ext2</i>	0.19451824	0.166264147	1.169934973	0.242027138	0.896939594
<i>Accs</i>	0.17543499	0.299087053	0.586568321	0.557493664	0.968926429
<i>Gm13889</i>	0.41968981	0.242409976	1.731322355	0.083394286	0.76099108
<i>4921507L20Rik</i>	1.047034487	1.839624546	0.569156619	0.569249857	0.97144955
<i>Alkbh3</i>	0.132116657	0.159073162	0.830540206	0.406233426	0.939557159
<i>Hsd17b12</i>	-0.148621955	0.116451121	-1.276260405	0.201863482	0.881220006

<i>Ttc17</i>	-0.214413837	0.22505438	-0.952720126	0.340731893	0.919850248
<i>2810002D19Rik</i>	0.100899256	0.209882093	0.480742568	0.630699473	0.977034429
<i>Api5</i>	-0.056454557	0.08739164	-0.645994935	0.518282636	0.96446859
<i>Lrrc4c</i>	1.199166009	0.748945242	1.601139764	0.109345967	0.798400564
<i>B230118H07Rik</i>	0.049232658	0.135347321	0.363750515	0.716044318	0.988585656
<i>Traf6</i>	-0.58676621	0.238602508	-2.459178715	0.013925528	0.545277966
<i>Prr5l</i>	0.040905239	0.402029278	0.101746916	0.918957561	0.994688009
<i>CommD9</i>	0.256047572	0.145276733	1.762481621	0.077987959	0.754202
<i>Ldlrad3</i>	-0.084158699	0.243019643	-0.346304101	0.729114187	0.988585656
<i>Trim44</i>	-0.214313091	0.219178947	-0.977799618	0.32817344	0.917115058
<i>Fjx1</i>	-0.451545545	0.43048225	-1.048929533	0.294210552	0.907334416
<i>Pamr1</i>	0.084485025	0.176400196	0.478939519	0.631981656	0.977034429
<i>Slc1a2</i>	-0.504444802	0.806470325	-0.625497041	0.53164489	0.966606934
<i>Cd44</i>	-0.171606244	0.137906295	-1.244368458	0.213363986	0.884945675
<i>Pdhx</i>	0.048953872	0.165111338	0.29649007	0.766855849	0.989884648
<i>Apip</i>	0.013148815	0.148925711	0.088291102	0.929645311	0.994688009
<i>Ehf</i>	-0.200229934	0.250096456	-0.80061084	0.423356973	0.943509323
<i>BC016548</i>	-1.467207571	0.932046304	-1.574178841	0.11544611	0.81007959
<i>Elf5</i>	-0.017979746	0.200040678	-0.089880447	0.928382219	0.994688009
<i>Cat</i>	0.039704489	0.14710293	0.269909573	0.787229822	0.990988839
<i>Abtb2</i>	-0.053008945	0.45269509	-0.117096355	0.906783698	0.994688009
<i>Nat10</i>	0.491568519	0.250825196	1.959805185	0.050018565	0.707153766
<i>Caprin1</i>	-0.138572492	0.095531434	-1.45054342	0.14690704	0.844560298
<i>Lincred1</i>	-0.131490253	1.131493576	-0.116209456	0.907486542	0.994688009
<i>Lmo2</i>	0.195372447	0.17704859	1.103496206	0.269811738	0.89804647
<i>Fbxo3</i>	-0.153948119	0.086963218	-1.770267052	0.076682664	0.752876039
<i>Cd59b</i>	-0.401819109	0.385697731	-1.04179796	0.29750536	0.909070179
<i>Cd59a</i>	0.014420466	0.340508003	0.042349861	0.966219798	0.996474415
<i>D430041D05Rik</i>	0.161664146	1.018366362	0.158748513	0.873867015	0.992886758
<i>Hipk3</i>	-0.121427347	0.094130088	-1.289995038	0.197052381	0.879755417
<i>Platr14</i>	0.603611971	1.37162183	0.440071715	0.659885167	0.979924124
<i>Cstf3</i>	-0.058771609	0.187001125	-0.314284787	0.753304752	0.988585656
<i>Tcp11l1</i>	0.024957434	0.310089623	0.080484582	0.935851858	0.994688009
<i>Depdc7</i>	-0.022361274	0.378648	-0.05905557	0.952907846	0.996070133
<i>Qser1</i>	-0.347090721	0.19349178	-1.793826697	0.072840834	0.748701713
<i>Prrg4</i>	-0.249266315	0.430710619	-0.578732689	0.562769555	0.969658675
<i>Ccdc73</i>	0.644625116	0.62979694	1.023544376	0.306050529	0.91333012
<i>Eif3m</i>	0.133060764	0.164440527	0.809172574	0.418415888	0.943415794
<i>Wt1os</i>	2.478438373	1.813234356	1.366860475	0.171669043	0.86244803
<i>Wt1</i>	-0.514234947	0.336218627	-1.529465964	0.12614897	0.822401003
<i>Rcn1</i>	-0.020013667	0.165061476	-0.121249778	0.903493198	0.994688009
<i>Elp4</i>	0.029608108	0.244520131	0.121086585	0.903622455	0.994688009
<i>Immp1l</i>	0.369591818	0.273842544	1.349650835	0.17712801	0.866855369
<i>Dnajc24</i>	0.426048924	0.184022286	2.315202863	0.020601833	0.604325792
<i>Mpped2</i>	0.190136052	0.519844313	0.365755761	0.714547333	0.988585656
<i>Arl14ep</i>	-0.144501277	0.189498678	-0.762545041	0.445734772	0.948476747
<i>Mettl15</i>	-0.062106267	0.217906921	-0.285012825	0.775634316	0.990861469
<i>Kif18a</i>	0.011678527	0.265940293	0.043914094	0.964972881	0.996474415
<i>Bdnf</i>	-0.130745634	0.215006164	-0.608101794	0.543119962	0.967491297
<i>Lin7c</i>	0.01678261	0.104279515	0.1609387	0.872141681	0.992886758
<i>Lgr4</i>	-0.164944857	0.358023344	-0.460709783	0.645006835	0.979004493
<i>Ccdc34</i>	-0.009885076	0.159743225	-0.061881032	0.950657573	0.99573416
<i>Bbox1</i>	-0.170201842	0.179095373	-0.950341924	0.341938543	0.919850248
<i>Fibin</i>	-0.091270174	0.122918579	-0.74252546	0.457769032	0.952222574
<i>Slc5a12</i>	-0.412860179	0.314780587	-1.311580815	0.18966161	0.876232344
<i>Ano3</i>	0.745314638	1.8612022	0.400447968	0.6888266	0.98538669
<i>4930430A15Rik</i>	-0.743651392	1.15551028	-0.64356969	0.519854511	0.964665379
<i>Lpcat4</i>	-0.399067843	0.316160509	-1.262231784	0.206865395	0.883765092
<i>Nop10</i>	0.229977336	0.162506407	1.415189349	0.157012987	0.855986074
<i>Slc12a6</i>	-0.342527768	0.155341618	-2.204996787	0.02745432	0.636714037
<i>Emc4</i>	0.182021669	0.124690353	1.459789505	0.144347934	0.841934045
<i>Katnbl1</i>	0.066900917	0.153042674	0.437138974	0.662010564	0.980647283

<i>Emc7</i>	0.225310306	0.144283317	1.561582521	0.11838637	0.814755048
<i>Aven</i>	0.10604765	0.196684322	0.539176936	0.589764773	0.974001549
<i>Ryr3</i>	0.465741764	1.095367683	0.425192172	0.67069659	0.982434419
<i>Fmn1</i>	0.0978508	0.400439054	0.244358783	0.80695296	0.99099448
<i>Grem1</i>	-0.586758091	2.575397632	-0.227832038	0.819776819	0.992886758
<i>Scg5</i>	0.235498049	0.505138076	0.466205302	0.641068555	0.977921835
<i>Arhgap11a</i>	0.240481557	0.629829289	0.381820219	0.702594721	0.988482081
<i>Actc1</i>	-0.012075096	0.224146447	-0.053871456	0.957037578	0.996226826
<i>C130080G10Rik</i>	-0.741069031	0.41004764	-1.807275446	0.070719343	0.744227652
<i>Aqr</i>	0.029424319	0.239162753	0.123030523	0.902082928	0.994688009
<i>Zfp770</i>	-0.023149695	0.144107341	-0.160642022	0.872375356	0.992886758
<i>Dph6</i>	-0.090935026	0.257454994	-0.353207465	0.723932912	0.988585656
<i>BC052040</i>	-0.536210609	0.51029762	-1.05078015	0.293359575	0.907334416
<i>Meis2</i>	-0.360602955	0.258471825	-1.395134479	0.162975291	0.859982992
<i>D330050G23Rik</i>	1.300816968	1.17171091	1.110185932	0.266918914	0.89768067
<i>Spred1</i>	-0.153199555	0.128422266	-1.192936079	0.232894408	0.89581803
<i>Fam98b</i>	0.264782497	0.254914995	1.03870899	0.298940099	0.909933614
<i>Rasgrp1</i>	0.180465128	0.432133585	0.417614215	0.676229202	0.983549699
<i>Gm13986</i>	-4.457162075	1.863673348	-2.391600481	0.016775091	0.56772809
<i>Thbs1</i>	-0.083215481	0.224937103	-0.369949999	0.711419747	0.988585656
<i>Fsip1</i>	0.110352028	0.217767087	0.50674337	0.612334895	0.974001549
<i>Gpr176</i>	-0.19167512	1.290354675	-0.148544523	0.881913051	0.992886758
<i>Elf2ak4</i>	0.080679852	0.212457734	0.379745422	0.704134399	0.988585656
<i>Srp14</i>	0.237949599	0.190949473	1.246139072	0.212713343	0.884945675
<i>Bmf</i>	0.069348377	0.190370428	0.36428125	0.715648	0.988585656
<i>Bub1b</i>	0.119989891	0.395161955	0.303647376	0.761396554	0.989285682
<i>Pak6</i>	-0.914659457	0.711812519	-1.284972422	0.198801921	0.880661448
<i>Ankrd63</i>	-0.032319575	0.390367237	-0.082792744	0.934016339	0.994688009
<i>Plcb2</i>	0.150800769	0.30142843	0.500287145	0.616872905	0.974001549
<i>Inafm2</i>	-0.191207132	0.179065304	-1.067806707	0.285607712	0.905916508
<i>A430105I19Rik</i>	0.040255046	0.163279096	0.246541336	0.805263211	0.99099448
<i>Phgr1</i>	-0.435623981	0.395347786	-1.101875351	0.270515866	0.89804647
<i>Disp2</i>	-0.193219517	0.482362988	-0.400568705	0.68873769	0.98538669
<i>Knstrn</i>	0.065004403	0.28814546	0.225595793	0.821515814	0.992886758
<i>Ivd</i>	-0.208172652	0.181889377	-1.14450143	0.252415745	0.897013805
<i>Bahd1</i>	-0.153012712	0.284722581	-0.537409824	0.590984559	0.974001549
<i>Chst14</i>	-0.26011629	0.32305802	-0.805168958	0.420722187	0.943415794
<i>Ccdc32</i>	0.264058504	0.151926682	1.738065362	0.082199297	0.76099108
<i>Rpusd2</i>	-0.435830809	0.469518597	-0.928250365	0.353277714	0.923786159
<i>Casc5</i>	-0.617385592	0.784359171	-0.787121022	0.431211025	0.945321484
<i>Rad51</i>	-0.094513133	0.411575742	-0.229637277	0.818373638	0.992734473
<i>Rmdn3</i>	-0.037356276	0.164890096	-0.226552575	0.820771673	0.992886758
<i>Gchfr</i>	0.979694047	0.350671412	2.793766508	0.005209808	0.406593461
<i>Dnajc17</i>	0.465072359	0.240699285	1.932171753	0.05333831	0.707153766
<i>Zfyve19</i>	0.025525899	0.151520467	0.168465027	0.866217455	0.992886758
<i>Ppp1r14d</i>	0.09051342	0.311994473	0.290112255	0.771730361	0.990335738
<i>Spint1</i>	-0.285835479	0.142522101	-2.005551963	0.044904071	0.690997903
<i>Rhov</i>	-0.772269523	0.533889795	-1.446496131	0.148038096	0.847481767
<i>Vps18</i>	-0.108310476	0.201958735	-0.536300033	0.591751208	0.974001549
<i>Gm14207</i>	0.099717414	0.241586425	0.41276083	0.679781852	0.983903958
<i>Dll4</i>	-0.008107383	0.183793859	-0.044111281	0.964815701	0.996474415
<i>Chac1</i>	-0.658340441	0.457543349	-1.438859164	0.15019043	0.849830719
<i>Ino80</i>	-0.247686628	0.311270477	-0.795727981	0.42619016	0.944290206
<i>Exd1</i>	0.199912468	0.521153581	0.383596075	0.701277849	0.988482081
<i>Chp1</i>	-0.251332145	0.135420307	-1.855941333	0.063461921	0.728651743
<i>1700020I14Rik</i>	0.135638758	0.127650878	1.06257599	0.28797428	0.907334416
<i>Oip5</i>	0.92522552	0.463234921	1.997313844	0.0457911	0.696869274
<i>Nusap1</i>	0.225000041	0.324327054	0.693744286	0.487842588	0.958288569
<i>Ndufaf1</i>	-0.016758753	0.223914107	-0.074844562	0.940338386	0.994688009
<i>Rtf1</i>	-0.346706236	0.209441524	-1.655384425	0.097846543	0.785804482
<i>Itpka</i>	-0.337962833	0.211183123	-1.600330694	0.109525241	0.798400564
<i>Ltk</i>	-0.447619384	0.412162706	-1.086025925	0.277467523	0.901191693

<i>Rpap1</i>	0.196367614	0.328482346	0.597802641	0.549971628	0.968926429
<i>Tyro3</i>	0.270411057	0.249217655	1.08503973	0.277904059	0.901315669
<i>Mga</i>	-0.092377177	0.155068407	-0.595718872	0.551363049	0.968926429
<i>Mapkbp1</i>	-0.24600013	0.322231464	-0.763426783	0.445208912	0.948476747
<i>Ehd4</i>	-0.031403846	0.142276036	-0.220724771	0.825306742	0.992886758
<i>Pla2g4f</i>	0.240006734	0.570272048	0.420863577	0.673854703	0.983375962
<i>Vps39</i>	-0.233582983	0.143235592	-1.630760758	0.102940811	0.79028905
<i>Tmem87a</i>	0.043272674	0.112552256	0.384467411	0.700632045	0.988482081
<i>Ganc</i>	-0.084460024	0.299989734	-0.281543049	0.778293915	0.990988839
<i>Capn3</i>	-0.482161497	0.530975372	-0.908067535	0.363842542	0.926455466
<i>Zfp106</i>	-0.217031561	0.172134689	-1.260824086	0.207372234	0.883765092
<i>Snap23</i>	0.170057824	0.139872882	1.215802678	0.224060098	0.892989918
<i>Lrrc57</i>	0.060776912	0.122588876	0.495778362	0.620050793	0.974471036
<i>Haus2</i>	0.094732521	0.137850553	0.687211761	0.491949294	0.958916246
<i>Cdan1</i>	0.010498888	0.248062867	0.042323498	0.966240813	0.996474415
<i>Ttbk2</i>	-0.115721534	0.214021308	-0.540700991	0.588713695	0.973852939
<i>AV039307</i>	0.358529659	1.032156017	0.347359947	0.72832092	0.988585656
<i>Ubr1</i>	-0.021117686	0.162229667	-0.130171545	0.896430707	0.994092519
<i>Tmem62</i>	-0.160907627	0.162742173	-0.988727281	0.322796591	0.91640698
<i>Ccndbp1</i>	0.12571252	0.117641792	1.068604258	0.285248029	0.905916508
<i>Epb4.2</i>	-1.115739412	0.748562464	-1.490509431	0.136090339	0.832457116
<i>Lcmt2</i>	0.121186293	0.20815671	0.582187782	0.560440202	0.968926429
<i>Adal</i>	0.189960918	0.252472161	0.752403422	0.451808489	0.949134998
<i>Zscan29</i>	-0.162479138	0.206405327	-0.78718481	0.431173688	0.945321484
<i>Tubgcp4</i>	-0.380506916	0.320225218	-1.188247815	0.234735791	0.89581803
<i>Trp53bp1</i>	-0.23409984	0.241500638	-0.969354955	0.332368119	0.917115058
<i>Map1a</i>	0.357453968	0.714495016	0.50028896	0.616871627	0.974001549
<i>Ppip5k1</i>	-0.126071744	0.176750783	-0.713274038	0.475676199	0.957156188
<i>Ckmt1</i>	-0.105821802	0.210956702	-0.501628065	0.615929174	0.974001549
<i>Catsper2</i>	-0.264620163	0.573176275	-0.461673267	0.644315645	0.97889195
<i>Pdia3</i>	-0.157993399	0.087791444	-1.7996446	0.071916774	0.744227652
<i>Ell3</i>	0.434672658	0.533825027	0.814260547	0.415495706	0.943415794
<i>Serf2</i>	0.500745656	0.190997424	2.62174036	0.008748205	0.475600561
<i>Serinc4</i>	-0.165914333	0.965105935	-0.171913079	0.863505864	0.992886758
<i>Hypk</i>	0.272451155	0.128899956	2.113663681	0.034544003	0.674795441
<i>Mfap1b</i>	-0.025847743	0.169625414	-0.152381308	0.878886199	0.992886758
<i>Mfap1a</i>	0.119738862	0.142522065	0.840142629	0.400828421	0.937313897
<i>Wdr76</i>	-0.166680123	0.41033736	-0.406202649	0.684593707	0.985105247
<i>Frmd5</i>	0.042273336	0.543317129	0.077806006	0.937982369	0.994688009
<i>Casc4</i>	0.152893035	0.157587621	0.970209674	0.33194199	0.917115058
<i>Ctdspl2</i>	-0.127107032	0.125441399	-1.013278178	0.310927308	0.914819219
<i>Spg11</i>	-0.02458257	0.206642525	-0.118961817	0.905305607	0.994688009
<i>B2m</i>	-0.040529102	0.116698386	-0.347297876	0.728367546	0.988585656
<i>Trim69</i>	0.939759337	1.581171918	0.594343554	0.552282353	0.968926429
<i>Sord</i>	0.085274783	0.096223974	0.886211401	0.375503621	0.928883222
<i>Duoxa2</i>	-0.055604458	1.53403143	-0.036247275	0.971085191	0.996733101
<i>Duoxa1</i>	-5.867489894	4.917086709	-1.19328583	0.23275745	0.89581803
<i>Shf</i>	0.12639768	0.488229398	0.25888994	0.79572016	0.990988839
<i>Slc28a2</i>	0.026605852	0.463640244	0.05738469	0.954238758	0.996070133
<i>Bambi-ps1</i>	0.313662191	0.323714225	0.968947816	0.332571226	0.917115058
<i>Gm14085</i>	0.440516735	0.841773117	0.523320032	0.600751563	0.974001549
<i>Gatm</i>	-0.593259649	0.319089456	-1.859226741	0.062995006	0.727650961
<i>Spata5l1</i>	0.355621472	0.360816029	0.985603309	0.324327813	0.91640698
<i>AA467197</i>	-1.7545279	0.932763089	-1.881000567	0.059971842	0.725221283
<i>Slc30a4</i>	-0.115876069	0.161152006	-0.719048258	0.472111186	0.955003345
<i>Bloc1s6</i>	-0.089183434	0.14098313	-0.632582311	0.527006442	0.965637248
<i>Sqrdl</i>	0.035265307	0.103503322	0.340716664	0.733316892	0.988585656
<i>Sema6d</i>	0.161924018	0.239397292	0.676381993	0.498798147	0.960700483
<i>Slc24a5</i>	-0.448090272	0.720504977	-0.621911418	0.534000117	0.96674935
<i>Myef2</i>	-0.055919248	0.218315768	-0.256139299	0.797843278	0.990988839
<i>Dut</i>	0.260945413	0.161074931	1.620024991	0.105226909	0.793982106
<i>Fbn1</i>	0.482428563	0.231480135	2.084103517	0.037150752	0.678479117

<i>Cep152</i>	0.281739832	0.36456594	0.772808979	0.439635439	0.947849924
<i>Shc4</i>	0.208282674	0.885789624	0.235137857	0.814101736	0.992048071
<i>Eid1</i>	0.104058848	0.120384022	0.864390853	0.387373216	0.932858077
<i>Secisbp2l</i>	-0.052402706	0.115706202	-0.452894533	0.650624688	0.979004493
<i>Cops2</i>	-0.15402463	0.123287839	-1.249309194	0.211552006	0.884755882
<i>Galk2</i>	-0.07627796	0.107284522	-0.710987553	0.477091949	0.95716557
<i>Fgf7</i>	0.171560361	0.186965244	0.917605633	0.358825368	0.925199968
<i>Dtwd1</i>	0.041274147	0.193838745	0.212930323	0.83138131	0.992886758
<i>Atp8b4</i>	0.008285971	0.341547657	0.024260072	0.980645162	0.997296835
<i>Slc27a2</i>	-0.023154061	0.404777557	-0.057201939	0.954384333	0.996070133
<i>Hdc</i>	-0.087967513	0.113013783	-0.778378618	0.43634584	0.946762848
<i>Gabpb1</i>	-0.011577643	0.12607964	-0.091828011	0.926834689	0.994688009
<i>Usp8</i>	-0.05654776	0.129528523	-0.436566086	0.662426062	0.980647283
<i>Trpm7</i>	-0.141807148	0.113750235	-1.246653666	0.212524515	0.884945675
<i>Sppl2a</i>	-0.172741376	0.108249584	-1.595769422	0.110540283	0.800111791
<i>Ap4e1</i>	0.016300195	0.213173132	0.076464586	0.939049488	0.994688009
<i>Blvra</i>	0.224314657	0.139096168	1.612658787	0.106818659	0.794908043
<i>Ncaph</i>	0.184289898	0.26518585	0.694946196	0.48708902	0.958288569
<i>Itpril1</i>	-0.093432698	0.224774016	-0.415673927	0.677648623	0.983670411
<i>1810024B03Rik</i>	0.930475278	0.592097522	1.571489906	0.116068897	0.811920148
<i>Snrnp200</i>	0.303751695	0.199245459	1.524510002	0.12738136	0.824450458
<i>Ciao1</i>	0.03933703	0.111927009	0.351452522	0.725248885	0.988585656
<i>Tmem127</i>	-0.207263767	0.140166463	-1.478697277	0.13922124	0.836190654
<i>Stard7</i>	-0.105927537	0.122089688	-0.867620671	0.385602026	0.931855682
<i>Dusp2</i>	-0.031420008	0.413536048	-0.075978886	0.939435896	0.994688009
<i>Fahd2a</i>	0.327892333	0.200819252	1.6327734	0.102516663	0.789151138
<i>Kcnip3</i>	0.206730194	0.437196777	0.472853884	0.636317428	0.977284137
<i>Prom2</i>	-0.3518355	1.010811535	-0.348072304	0.727785883	0.988585656
<i>Zfp661</i>	-0.398638079	0.449828326	-0.88620048	0.375509505	0.928883222
<i>Mrps5</i>	0.111134253	0.151879476	0.731726602	0.464335456	0.953083512
<i>Mal</i>	-0.174765744	0.135418668	-1.290558726	0.196856736	0.879755417
<i>Mall</i>	-0.078383255	0.222658347	-0.352033759	0.724812945	0.988585656
<i>Nphp1</i>	0.018226727	0.115463213	0.157857442	0.874569134	0.992886758
<i>1500011K16Rik</i>	0.395271036	0.25835385	1.529959922	0.12602665	0.822401003
<i>Bub1</i>	-0.055779045	0.345551931	-0.161420152	0.871762496	0.992886758
<i>Acox1</i>	0.051210877	0.158182522	0.32374548	0.746130736	0.988585656
<i>Bcl2l11</i>	-0.039764652	0.236038405	-0.168466873	0.866216003	0.992886758
<i>Gm14005</i>	0.527081164	0.205581204	2.563858722	0.010351567	0.499527467
<i>Anapc1</i>	0.188586587	0.168883344	1.11666777	0.264136403	0.897514059
<i>Mertk</i>	-0.161489605	0.22995565	-0.702264133	0.482514457	0.957463006
<i>Tmem87b</i>	0.037635364	0.164314829	0.22904423	0.818834539	0.992734473
<i>Fbln7</i>	-1.340911797	1.17077158	-1.145323153	0.252075318	0.896939594
<i>Zc3h8</i>	-0.160329081	0.228883357	-0.700483787	0.483625227	0.957710647
<i>Zc3h6</i>	-0.061492627	0.273784264	-0.224602488	0.822288529	0.992886758
<i>Ttl</i>	-0.003492312	0.119423909	-0.029242986	0.976670798	0.997262526
<i>Polr1b</i>	0.101300031	0.252697232	0.400875109	0.688512077	0.98538669
<i>Chchd5</i>	0.434243764	0.175825116	2.469748204	0.013520819	0.540715407
<i>Al847159</i>	1.822858108	2.067185743	0.881806637	0.377881382	0.928883222
<i>Slc20a1</i>	-0.091097907	0.164945111	-0.552292255	0.580748136	0.971613657
<i>Ckap2l</i>	0.964570014	0.406594787	2.372312791	0.017677119	0.579835303
<i>Gm14023</i>	2.533174506	1.001810636	2.528596138	0.011451972	0.514178739
<i>Il1a</i>	-0.204276349	0.402378245	-0.50767245	0.611683072	0.974001549
<i>Il1b</i>	0.316229073	0.397920469	0.794704211	0.426785582	0.944290206
<i>Il1bos</i>	1.421247458	0.657218468	2.162519051	0.03057819	0.657949462
<i>Sirpa</i>	-0.008453567	0.141770685	-0.059628456	0.952451554	0.996023481
<i>4932416H05Rik</i>	0.12774969	0.334014141	0.38246791	0.702114327	0.988482081
<i>Stk35</i>	0.076912235	0.292973734	0.26252263	0.792918541	0.990988839
<i>Tgm3</i>	1.549214445	1.766365586	0.877063308	0.380452253	0.929775696
<i>Snrpb</i>	-0.038942824	0.106166022	-0.366810616	0.713760289	0.988585656
<i>Nop56</i>	0.182149546	0.112090018	1.625029139	0.10415635	0.79155232
<i>Idh3b</i>	0.207620049	0.099298025	2.090877939	0.036539007	0.677009445
<i>Ebf4</i>	0.151829861	0.786959186	0.192932319	0.847011974	0.992886758

<i>Cpxm1</i>	-0.181519429	0.239240563	-0.758731823	0.448012997	0.948476747
<i>Pced1a</i>	0.353908719	0.188403456	1.878461927	0.060318001	0.725221283
<i>Vps16</i>	-0.036839215	0.143511018	-0.256699555	0.797410715	0.990988839
<i>Ptpa</i>	-0.073687979	0.12229283	-0.602553553	0.546805727	0.967902958
<i>4930473A02Rik</i>	0.475578638	1.360314579	0.349609307	0.726631925	0.988585656
<i>Mrps26</i>	0.238089424	0.134027688	1.776419686	0.075663769	0.752876039
<i>Ubox5</i>	-0.290386294	0.34081425	-0.852036831	0.39419365	0.933796635
<i>Fastkd5</i>	-0.000101548	0.192266811	-0.000528162	0.999578588	0.999950896
<i>Lzts3</i>	-0.537665663	0.301092608	-1.785715253	0.074145374	0.750704981
<i>Ddrgk1</i>	0.140229483	0.117969219	1.18869553	0.2345595	0.89581803
<i>Itpa</i>	0.159822124	0.134371133	1.189408176	0.234279085	0.89581803
<i>Slc4a11</i>	0.489352721	1.078246177	0.453841369	0.649943006	0.979004493
<i>4930402H24Rik</i>	-0.016392733	0.233991054	-0.070057092	0.944148218	0.99486515
<i>Gm14057</i>	0.838964395	0.825045476	1.016870487	0.309215045	0.9139204
<i>A730017L22Rik</i>	-0.384148379	0.768415919	-0.499922463	0.617129675	0.974001549
<i>Atrn</i>	0.000502904	0.172590101	0.002913865	0.997675075	0.99957296
<i>Gfra4</i>	0.61479067	0.698893686	0.879662648	0.37904209	0.929137643
<i>Adam33</i>	0.08692529	0.428478926	0.202869463	0.839237063	0.992886758
<i>Siglec1</i>	0.134077008	0.527062458	0.254385427	0.799197808	0.990988839
<i>Hspa12b</i>	0.289678095	0.147543314	1.963342753	0.049606361	0.707153766
<i>1700037H04Rik</i>	-0.306259883	0.200712202	-1.525865788	0.127043293	0.824450458
<i>Spef1</i>	0.017968557	0.139945218	0.128397075	0.897834746	0.994101834
<i>Cenpb</i>	0.062290925	0.094994391	0.655732659	0.511996151	0.963452765
<i>Cdc25b</i>	-0.173861749	0.185446806	-0.937528946	0.348486541	0.921552698
<i>Ap5s1</i>	0.080239586	0.264660351	0.303179472	0.761753092	0.989285682
<i>Mavs</i>	-0.252984404	0.279257756	-0.905917199	0.36497968	0.926556975
<i>Pank2</i>	0.107856947	0.123789884	0.871290476	0.38359557	0.931591679
<i>Rnf24</i>	0.108671056	0.55246509	0.196702122	0.844060649	0.992886758
<i>Smox</i>	0.14240445	0.210113298	0.677750775	0.497929727	0.960700483
<i>Adra1d</i>	1.226791115	0.83703198	1.465644258	0.142745227	0.840741274
<i>5330413P13Rik</i>	0.047155143	0.266808026	0.176738099	0.859714113	0.992886758
<i>Prnp</i>	-0.261036679	0.122351545	-2.133497203	0.032883961	0.665167506
<i>Rassf2</i>	-0.283592778	0.186225058	-1.522849726	0.127796306	0.826021492
<i>Slc23a2</i>	-0.328372557	0.195043038	-1.683590249	0.092260884	0.774469646
<i>Tmem230</i>	-0.056494792	0.124997601	-0.451967014	0.651292746	0.979004493
<i>Pcna</i>	0.120997539	0.15488052	0.781231491	0.434666355	0.946762848
<i>Cds2</i>	-0.333594054	0.155968551	-2.138854606	0.032447445	0.665167506
<i>Gpcpd1</i>	-0.134616306	0.135604026	-0.992716143	0.320848306	0.91640698
<i>1110034G24Rik</i>	0.18191753	0.228085114	0.797586157	0.425110687	0.944290206
<i>Chgb</i>	0.136252515	1.512444302	0.090087625	0.928217583	0.994688009
<i>Trmt6</i>	0.278319375	0.184572676	1.50791212	0.13157702	0.827800491
<i>Mcm8</i>	-0.354422008	0.490819312	-0.722102817	0.470231266	0.95486913
<i>Crls1</i>	0.014079663	0.176329984	0.079848374	0.93635785	0.994688009
<i>Lrrn4</i>	0.076227612	0.238370667	0.319786042	0.749130529	0.988585656
<i>Fermt1</i>	-0.461426777	0.410720555	-1.123456744	0.261243562	0.897248195
<i>Bmp2</i>	0.258151546	0.337672423	0.764502897	0.444567611	0.948476747
<i>Tmx4</i>	-0.114081983	0.153147938	-0.744913609	0.456323948	0.951472839
<i>Plcb1</i>	-0.352169677	0.196744828	-1.789981873	0.073456826	0.748833631
<i>Plcb4</i>	-0.110404254	0.243687186	-0.453057279	0.650507496	0.979004493
<i>Ankef1</i>	-0.726648963	0.490095158	-1.482669134	0.138162339	0.833928471
<i>Snap25</i>	-4.075213818	2.448791921	-1.664173172	0.096077828	0.780429201
<i>Mkks</i>	0.176967997	0.165624708	1.068487904	0.285300484	0.905916508
<i>Slx4ip</i>	0.106540677	0.445679853	0.239052038	0.811065232	0.991706885
<i>Jag1</i>	0.201496437	0.206600007	0.975297336	0.329412791	0.917115058
<i>Btbd3</i>	-0.223788113	0.112254901	-1.99357098	0.046198959	0.698098452
<i>Sptlc3</i>	-0.200852825	0.339060022	-0.592381324	0.553595269	0.968926429
<i>Ism1</i>	-0.046054599	0.143557527	-0.320809363	0.748354864	0.988585656
<i>Tasp1</i>	0.123960219	0.180598194	0.686386815	0.492469217	0.958916246
<i>Esf1</i>	-0.295921665	0.239743095	-1.234328208	0.217080629	0.887633697
<i>Ndufaf5</i>	0.28601274	0.21181967	1.350265253	0.176930914	0.866546104
<i>Macrod2</i>	-0.371251192	0.263154083	-1.410774964	0.158310979	0.855986074
<i>Flrt3</i>	-0.097742338	0.266497933	-0.366765841	0.71379369	0.988585656

<i>Kif16b</i>	0.094268447	0.161202097	0.584784249	0.558692797	0.968926429
<i>Snrbp2</i>	0.103633733	0.104599739	0.990764741	0.32180047	0.91640698
<i>Bfsp1</i>	0.195453501	0.560839584	0.348501616	0.727463501	0.988585656
<i>Dstn</i>	-0.239216638	0.107463213	-2.226032812	0.026011984	0.631530315
<i>Rrbp1</i>	0.215823365	0.189155912	1.140981333	0.253877691	0.897044747
<i>Snx5</i>	-0.084359029	0.081094416	-1.040256945	0.298220542	0.909779403
<i>Snord17</i>	1.166835176	2.080476316	0.560850016	0.574899787	0.971613657
<i>Mgme1</i>	0.341423468	0.234363386	1.456812318	0.145168195	0.842729381
<i>Ovol2</i>	-0.192166809	0.374419107	-0.513239857	0.607783549	0.974001549
<i>Csrp2bp</i>	-0.314348157	0.201657866	-1.558819218	0.119039174	0.814755048
<i>Zfp133-ps</i>	0.404533055	0.551208831	0.733901621	0.463008699	0.953083512
<i>Dzank1</i>	-0.208201537	0.323214325	-0.644159374	0.519472092	0.964665379
<i>Polr3f</i>	-0.293931495	0.168573101	-1.743644116	0.081221166	0.760377276
<i>Rbbp9</i>	0.081951936	0.117506166	0.697426692	0.485535802	0.957710647
<i>Sec23b</i>	-0.223474141	0.139456286	-1.602467325	0.109052307	0.798400564
<i>Gm561</i>	0.126264212	0.201327983	0.627156792	0.530556463	0.966026275
<i>Dtd1</i>	0.125997264	0.137320387	0.917542309	0.358858533	0.925199968
<i>Slc24a3</i>	-0.348722655	0.222341089	-1.568413003	0.116784779	0.812418014
<i>BC039771</i>	0.185683519	0.717418493	0.258821763	0.795772765	0.990988839
<i>Rin2</i>	-0.089438447	0.107592135	-0.83127309	0.405819373	0.939557159
<i>Naa20</i>	0.182317734	0.183200592	0.995180923	0.319648278	0.91640698
<i>Crnk1</i>	-0.218420186	0.169758904	-1.286649364	0.19821653	0.880381196
<i>Cfap61</i>	0.357821499	0.50209145	0.712662004	0.476054934	0.95716557
<i>Ralgapa2</i>	0.243529753	0.239147653	1.018323825	0.30852409	0.9139204
<i>Kiz</i>	-0.010882546	0.131238478	-0.082921915	0.933913629	0.994688009
<i>Xrn2</i>	-0.177031778	0.173234693	-1.021918733	0.306819366	0.9139204
<i>Foxa2</i>	-0.010271265	0.213028202	-0.048215516	0.961544484	0.996474415
<i>Sstr4</i>	1.897451769	0.913933794	2.076137004	0.037881282	0.679118604
<i>Thbd</i>	-0.126028609	0.124594261	-1.011512154	0.311771367	0.914819219
<i>Cd93</i>	-0.355977677	0.177314165	-2.007609924	0.044684759	0.689870152
<i>Nxt1</i>	0.056840837	0.152687247	0.372269707	0.709692051	0.988585656
<i>Gzf1</i>	-0.10938659	0.115819516	-0.944457326	0.344935999	0.92132235
<i>Napb</i>	0.056397049	0.371916269	0.151639102	0.879471591	0.992886758
<i>Cst8</i>	0.554585312	0.268435331	2.065992244	0.038829212	0.679118604
<i>Cst13</i>	1.535573757	1.121761175	1.36889544	0.171031961	0.86244803
<i>Cst9</i>	-0.095231408	0.930137623	-0.102384213	0.918451714	0.994688009
<i>9230104L09Rik</i>	0.25604654	0.202724267	1.263028562	0.206578915	0.883765092
<i>Cst3</i>	0.134308627	0.099745331	1.346515426	0.178136349	0.867377413
<i>Syndig1</i>	-1.316706689	2.417577148	-0.544638954	0.586001858	0.972904784
<i>Zfp120</i>	-0.010865108	0.160253283	-0.067799596	0.945945166	0.995065399
<i>Gm14139</i>	0.363879741	1.66254024	0.218869734	0.826751523	0.992886758
<i>Zfp937</i>	0.025214014	0.216266222	0.116587851	0.907186666	0.994688009
<i>3300002I08Rik</i>	0.097706061	0.556852694	0.175461234	0.860717229	0.992886758
<i>Zfp442</i>	0.017256982	0.296691379	0.058164758	0.953617392	0.996070133
<i>Zfp345</i>	-0.208739938	1.414866578	-0.147533302	0.882711096	0.992886758
<i>Cst7</i>	0.877149626	0.428306082	2.04795043	0.040564857	0.679118604
<i>Apmay</i>	-0.110746493	0.185608605	-0.596666805	0.550729859	0.968926429
<i>Acss1</i>	0.107653005	0.17358043	0.620190912	0.535132104	0.96674935
<i>E130215H24Rik</i>	0.261737098	0.609725641	0.429270282	0.667726541	0.981863224
<i>Entpd6</i>	-0.478005274	0.27115618	-1.762841157	0.077927284	0.754202
<i>Pygb</i>	-0.091680874	0.208603159	-0.439498972	0.660300026	0.979924124
<i>Abhd12</i>	-0.024351025	0.093830515	-0.259521385	0.795232984	0.990988839
<i>Gins1</i>	0.342146312	0.30956977	1.105231664	0.26905922	0.89804647
<i>Ninl</i>	-0.200040226	0.41572435	-0.481184772	0.630385183	0.977034429
<i>Nanp</i>	-0.120514904	0.778261066	-0.154851513	0.876938379	0.992886758
<i>Nsfl1c</i>	0.276790945	0.108443771	2.552391358	0.010698627	0.502706181
<i>Fkbp1a</i>	0.069191676	0.081080136	0.853373951	0.393451962	0.933734231
<i>Sdcbp2</i>	-0.185816079	0.243995998	-0.761553796	0.44632636	0.948476747
<i>Snph</i>	1.037429632	1.998094463	0.519209503	0.603614653	0.974001549
<i>Tmem74b</i>	-0.239396155	1.350772717	-0.177229042	0.859328484	0.992886758
<i>Psmf1</i>	-0.374200715	0.193168229	-1.937175261	0.052723923	0.707153766
<i>Rspo4</i>	0.264799645	1.081321365	0.244885242	0.806545289	0.99099448

<i>Angpt4</i>	-0.246502614	1.32885385	-0.185500169	0.852836747	0.992886758
<i>Fam110a</i>	0.049698286	0.18909698	0.262819036	0.792690063	0.990988839
<i>Slc52a3</i>	-0.066476746	0.247556345	-0.268531779	0.788290017	0.990988839
<i>Srxn1</i>	0.239636026	0.224308158	1.068333974	0.285369888	0.905916508
<i>Tcf15</i>	-0.838747082	1.129272503	-0.742732228	0.457643814	0.952204734
<i>Csnk2a1</i>	-0.001496539	0.117850692	-0.012698598	0.989868257	0.998417328
<i>Tbc1d20</i>	-0.221256279	0.206337535	-1.07230262	0.283584131	0.905916508
<i>Rbck1</i>	-0.085367292	0.162301456	-0.525979827	0.598902224	0.974001549
<i>Trib3</i>	-0.082706937	0.237115218	-0.348804843	0.727235827	0.988585656
<i>Sox12</i>	-0.481370223	0.349846345	-1.375947553	0.168837871	0.861597949
<i>Zcchc3</i>	0.084454395	0.387207985	0.218111191	0.827342478	0.992886758
<i>6820408C15Rik</i>	-0.053930915	0.184220224	-0.29275241	0.769711407	0.989990452
<i>Defb25</i>	0.960165951	0.701683028	1.368375623	0.17119453	0.862444803
<i>Rem1</i>	0.163224052	0.267863379	0.609355607	0.542288756	0.967491297
<i>H13</i>	0.043315964	0.13341647	0.324667292	0.745432892	0.988585656
<i>Mcts2</i>	-0.203616746	0.290251403	-0.701518559	0.482979456	0.957463006
<i>Id1</i>	0.093633639	0.251357304	0.372512109	0.709511598	0.988585656
<i>Cox4i2</i>	0.256554563	0.118153099	2.171373957	0.029902916	0.65030913
<i>Bcl2l1</i>	-0.2402314	0.255859887	-0.938917792	0.347772953	0.921552698
<i>Tpx2</i>	-0.663810852	0.48979219	-1.355290807	0.175324923	0.864596675
<i>Mylk2</i>	-0.347233187	1.940343139	-0.178954526	0.857973408	0.992886758
<i>Foxs1</i>	0.493188064	0.455548098	1.082625668	0.278974609	0.90176568
<i>Ttll9</i>	-0.274564753	0.233231429	-1.177220214	0.239107623	0.896609492
<i>Pdrg1</i>	0.20970542	0.122546325	1.711233857	0.087037951	0.765418158
<i>Ccm2l</i>	0.215000888	0.214927932	1.000339446	0.317146264	0.91640698
<i>Hck</i>	0.184740053	0.144135564	1.281710413	0.199944251	0.880888611
<i>Tm9sf4</i>	-0.250994955	0.214750569	-1.168774342	0.24249456	0.896939594
<i>Tspyl3</i>	-0.156447839	0.310340554	-0.504116646	0.61417941	0.974001549
<i>Plagl2</i>	-0.116339027	0.356326447	-0.326495627	0.744049397	0.988585656
<i>Pofut1</i>	-0.138230567	0.208599612	-0.662659753	0.507548491	0.963011338
<i>Kif3b</i>	-0.289936322	0.17354923	-1.670628684	0.094795043	0.777748075
<i>2500004C02Rik</i>	0.487202808	0.195183213	2.496130687	0.012555633	0.525888996
<i>Asxl1</i>	-0.228148389	0.278361262	-0.819612569	0.412437006	0.942589446
<i>Nol4l</i>	-0.03226424	0.362464948	-0.089013408	0.929071255	0.994688009
<i>Commd7</i>	0.282709086	0.146174385	1.934053541	0.053106545	0.707153766
<i>Dnmt3b</i>	0.079410021	0.611320614	0.129899138	0.896646226	0.994101834
<i>Mapre1</i>	-0.023264248	0.086010263	-0.270482233	0.786789284	0.990988839
<i>Bpifa2</i>	-0.321348163	0.7959753	-0.403716249	0.686421389	0.98538669
<i>Bpifa3</i>	-0.192076821	1.735714432	-0.110661534	0.91188475	0.994688009
<i>Bpifa1</i>	-0.317200738	0.497064268	-0.638148341	0.523377121	0.965637248
<i>Bpifb1</i>	-0.263439101	0.34707166	-0.759033742	0.447832372	0.948476747
<i>Bpifb5</i>	-0.52507702	0.419643948	-1.251244113	0.210845428	0.884374639
<i>Cdk5rap1</i>	0.795572751	0.517801172	1.536444479	0.124429405	0.821164769
<i>Snta1</i>	-0.07089233	0.194081465	-0.365270995	0.714909128	0.988585656
<i>Cbfa2t2</i>	-0.286980855	0.178424964	-1.608412009	0.107744973	0.796929372
<i>Necab3</i>	-0.006325483	0.513776002	-0.012311752	0.990176891	0.998417328
<i>1700003F12Rik</i>	0.073843469	1.632404378	0.045236015	0.963919188	0.996474415
<i>E2f1</i>	0.215130825	0.33365647	0.644767432	0.51907791	0.96446859
<i>Pxmp4</i>	-0.051904348	0.124940012	-0.415434153	0.677824109	0.983670411
<i>Zfp341</i>	1.13444121	0.531183452	2.135686278	0.032704994	0.665167506
<i>Chmp4b</i>	0.054733653	0.115714769	0.473004898	0.636209685	0.977284137
<i>Raly</i>	0.178133708	0.103892984	1.714588425	0.086420712	0.765418158
<i>Eif2s2</i>	0.126169096	0.144051548	0.875860745	0.381105742	0.930523346
<i>Ahcy</i>	-0.016184141	0.154684415	-0.104626836	0.91667192	0.994688009
<i>Itch</i>	-0.190444939	0.156889102	-1.213882526	0.224792587	0.892989918
<i>Dynlrb1</i>	0.116577714	0.102931908	1.13257119	0.257394373	0.897248195
<i>Map1lc3a</i>	0.100973356	0.134971554	0.748108419	0.454394764	0.951019525
<i>Pigu</i>	0.009196933	0.150395782	0.061151534	0.951238528	0.995951741
<i>Trp53inp2</i>	-0.281674693	0.141270015	-1.993874588	0.046165762	0.698098452
<i>Ncoa6</i>	-0.100672851	0.288486647	-0.348968843	0.7271127	0.988585656
<i>Ggt7</i>	-0.875926243	0.421305444	-2.079076486	0.037610321	0.679118604
<i>Acss2</i>	-0.09708948	0.206443323	-0.470296051	0.638143518	0.977779844

Gss	0.115684183	0.157253256	0.735655246	0.461940532	0.953083512
Trpc4ap	-0.276042081	0.186470579	-1.48035193	0.138779351	0.834874897
Edem2	-0.054056668	0.142381472	-0.379660829	0.704197201	0.988585656
Procr	-0.145108388	0.301891874	-0.480663443	0.630755717	0.977034429
BC029722	0.078606925	0.165192423	0.475850672	0.634180767	0.977034429
Eif6	0.157412281	0.111504938	1.411706815	0.158036306	0.855986074
Uqcc1	0.085382022	0.095137885	0.897455539	0.369475888	0.928436166
Gdf5	0.822131352	0.939748004	0.874842349	0.381659691	0.930635634
Cep250	0.457832425	0.399128546	1.147080131	0.251348505	0.896939594
6430550D23Rik	-0.543644538	0.932684483	-0.582881508	0.55997307	0.968926429
Ergic3	0.263880084	0.128301668	2.056715923	0.03971356	0.679118604
Fer114	0.004103734	1.256742047	0.003265375	0.997394612	0.99957296
Spag4	-0.840379683	0.974162819	-0.862668608	0.388319697	0.933269543
Cpne1	-0.199540926	0.132601559	-1.50481584	0.13237143	0.827800491
Rbm12	0.004494177	0.243873722	0.018428295	0.98529718	0.998148029
Nfs1	0.067033034	0.121700484	0.550803352	0.581768486	0.971915898
Romo1	0.308082968	0.189885587	1.622466307	0.104703542	0.793021779
Rbm39	-0.021997386	0.091801685	-0.239618548	0.810625985	0.991438232
Phf20	-0.010653725	0.180075346	-0.059162598	0.9528226	0.996070133
Scand1	0.147498099	0.124343842	1.186211523	0.235538777	0.896002526
Cnbd2	0.225450353	0.363856927	0.619612646	0.535512839	0.96674935
2900097C17Rik	0.023060466	0.1118239	0.20622126	0.836618082	0.992886758
Epb4.111	0.130658011	0.231448782	0.564522353	0.572398692	0.971613657
Aar2	-0.219127917	0.169115921	-1.29572613	0.195069856	0.879588734
Dlgap4	-0.025726379	0.141633397	-0.181640627	0.855864763	0.992886758
4930405A21Rik	-0.510785556	0.723589192	-0.705905453	0.480246936	0.957463006
Myi9	0.051327297	0.17839047	0.287724436	0.773557683	0.990730604
Tgif2	-0.361913267	0.34261086	-1.056339158	0.290813292	0.907334416
5430405H02Rik	-0.117285959	0.388384277	-0.301984314	0.762664021	0.989285682
1110008F13Rik	0.036478582	0.142046167	0.256807928	0.79732705	0.990988839
Sla2	0.393079521	0.41101017	0.956374197	0.338883216	0.919246575
Ndr3	-0.26976957	0.150425166	-1.793380573	0.072912092	0.748701713
Dsn1	0.076805037	0.473532781	0.162195819	0.871151652	0.992886758
Soga1	-0.003841534	0.248773688	-0.015441881	0.987679652	0.998148029
Samhd1	0.005233137	0.196913856	0.026575767	0.978798102	0.997262526
Rbl1	-0.168475394	0.157945115	-1.066670497	0.286120654	0.905916508
Mroh8	-1.474527632	2.374818682	-0.620901142	0.53466467	0.96674935
Rpn2	-0.147205486	0.116660757	-1.261825228	0.207011682	0.883765092
Manbal	0.139494016	0.108992206	1.279853131	0.200596794	0.880888611
Src	-0.060449282	0.228099904	-0.265012309	0.790999979	0.990988839
Blcap	-0.106662181	0.12080808	-0.882906019	0.377287051	0.928883222
Nnat	0.04674444	0.203733756	0.229438855	0.81852784	0.992734473
Ctnnbl1	0.204315178	0.151327036	1.350156483	0.176965794	0.866546104
Tti1	-0.195887908	0.299076305	-0.654976356	0.512482977	0.963720538
Rprd1b	-0.390162527	0.177302206	-2.200550885	0.027767834	0.637644759
Tgm2	-0.232744076	0.148588469	-1.566367013	0.117262721	0.812881672
D630003M21Rik	-0.493479448	1.467668586	-0.33623357	0.73669474	0.988585656
Lbp	-0.360791981	0.165649552	-2.178043812	0.029402775	0.64858361
Snhg17	0.139267858	0.21989551	0.633336526	0.526513906	0.965637248
Snhg11	0.030592457	0.243357542	0.12570992	0.899961549	0.994508803
Ralgapb	-0.218604647	0.153996686	-1.419541237	0.155741283	0.855293621
Adig	0.065598949	0.37715216	0.173932317	0.861918655	0.992886758
Arhgap40	0.126807377	1.385819937	0.091503502	0.927092524	0.994688009
Actr5	0.302185594	0.310883272	0.972022686	0.331039262	0.917115058
Ppp1r16b	0.394239683	0.133088022	2.96224768	0.00305402	0.346777009
Fam83d	0.724956279	0.786270149	0.922019334	0.356518491	0.924354588
Dhx35	-0.258126558	0.224324638	-1.150683049	0.249862653	0.896939594
Gm826	0.775236619	0.87880347	0.882150157	0.377695611	0.928883222
Ma1b	-0.118779956	0.479545176	-0.247692942	0.804371993	0.990988839
Top1	-0.202393689	0.133871592	-1.511849414	0.130572175	0.827800491
Plcg1	0.14221656	0.19730738	0.720786824	0.471040683	0.95486913
Zhx3	-0.113587129	0.325197133	-0.349286993	0.726873862	0.988585656

<i>Lpin3</i>	0.237201033	0.296035151	0.801259687	0.422981324	0.943509323
<i>Chd6</i>	-0.233286273	0.180170225	-1.294810351	0.19538566	0.879588734
<i>Ptprt</i>	-0.100735211	1.631685521	-0.061736903	0.950772352	0.99573416
<i>Srsf6</i>	0.019828245	0.107147415	0.18505575	0.853185308	0.992886758
<i>Sgk2</i>	-0.364654241	1.624940934	-0.224410767	0.822437693	0.992886758
<i>Ift52</i>	0.028103096	0.106456004	0.263987894	0.791789247	0.990988839
<i>Mybl2</i>	0.83240247	0.908992297	0.91574205	0.359802204	0.92584564
<i>Gtsf1l</i>	0.209643296	0.440684527	0.475721936	0.634272491	0.977034429
<i>Tox2</i>	0.019031969	0.654892422	0.029061215	0.976815769	0.997262526
<i>Jph2</i>	-0.035749273	0.210146913	-0.170115621	0.864919209	0.992886758
<i>Oser1</i>	0.161851202	0.13841235	1.169340752	0.242266371	0.896939594
<i>Fitm2</i>	-0.445583733	0.234763347	-1.898012352	0.057694455	0.72285319
<i>Ttpal</i>	-0.201489971	0.166153756	-1.21267178	0.225255333	0.893255444
<i>Serinc3</i>	-0.310944085	0.12821146	-2.425244086	0.015298097	0.557315333
<i>Pkig</i>	0.206605782	0.177682111	1.162783244	0.244917457	0.896939594
<i>Ada</i>	0.109263265	0.328128731	0.332989022	0.73914257	0.988585656
<i>Wisp2</i>	0.223841307	0.19481175	1.149013377	0.250550465	0.896939594
<i>Ywhab</i>	-0.131386936	0.07871368	-1.669175369	0.09508263	0.778239075
<i>Pabpc1l</i>	-0.97136662	0.763385892	-1.272445077	0.203215027	0.882809131
<i>Tomm34</i>	0.017058727	0.229976458	0.07417597	0.940870366	0.994688009
<i>Stk4</i>	-0.18936401	0.211954864	-0.893416676	0.371634076	0.928840865
<i>Wfdc12</i>	-0.13532047	0.886336906	-0.152673852	0.878655482	0.992886758
<i>Slpi</i>	-0.227896	0.318406331	-0.715739537	0.474152193	0.955974667
<i>Matn4</i>	-0.130116902	0.195598318	-0.665225057	0.505906556	0.96224682
<i>Rbpjl</i>	0.15281721	0.19440263	0.786086124	0.431817033	0.9459793
<i>Sdc4</i>	-0.029202002	0.076273924	-0.382856944	0.701825837	0.988482081
<i>Sys1</i>	0.132332785	0.129940544	1.018410275	0.308483021	0.9139204
<i>Trp53tg5</i>	0.891752566	0.772168746	1.15486747	0.248144703	0.896939594
<i>Dbndd2</i>	0.109754062	0.159071579	0.689966513	0.490215247	0.958560421
<i>Pigt</i>	-0.254430799	0.297247393	-0.85595637	0.392021913	0.933734231
<i>Wfdc2</i>	0.032491631	0.18370619	0.176867373	0.859612567	0.992886758
<i>Spint3</i>	-0.844263999	1.526424605	-0.55309905	0.580195587	0.971613657
<i>Wfdc6a</i>	0.078078983	0.665090166	0.117396086	0.906546185	0.994688009
<i>Wfdc8</i>	1.29702929	0.7198358	1.801840489	0.071570505	0.744227652
<i>Wfdc6b</i>	0.0428627	0.519616052	0.082489176	0.934257725	0.994688009
<i>Wfdc16</i>	-0.410715658	0.535337474	-0.76720887	0.44295734	0.948476747
<i>Wfdc10</i>	-0.063330835	0.393426631	-0.160972416	0.872115126	0.992886758
<i>Wfdc13</i>	-0.827174759	0.488126029	-1.694592604	0.090152731	0.769347579
<i>Wfdc3</i>	0.079213108	0.296505516	0.267155596	0.789349363	0.990988839
<i>Dnttip1</i>	0.196392853	0.16220793	1.210747543	0.225992175	0.893814924
<i>Ube2c</i>	-0.244289299	0.332286322	-0.735177112	0.462231636	0.953083512
<i>Tnnc2</i>	2.266397992	1.872094263	1.210621728	0.226040413	0.893814924
<i>Snx21</i>	-0.239923867	0.172692975	-1.389308786	0.164738873	0.859982992
<i>Acot8</i>	0.133866237	0.171628368	0.779977335	0.435404216	0.946762848
<i>Zswim3</i>	-0.456016554	0.42332043	-1.077237293	0.281374268	0.904508305
<i>Zswim1</i>	0.040497679	0.422495096	0.095853607	0.923636841	0.994688009
<i>Spata25</i>	-2.642405673	4.045435079	-0.653182074	0.513638906	0.964352198
<i>Neurl2</i>	-0.322388603	0.814435601	-0.395842964	0.692220879	0.986599035
<i>Ctsa</i>	-0.074814673	0.121273062	-0.616910895	0.5372935	0.96674935
<i>Pltp</i>	-0.46328912	0.195610295	-2.368429122	0.017863803	0.581000616
<i>Pcif1</i>	0.158385108	0.14786005	1.071182564	0.28408735	0.905916508
<i>Zfp335</i>	-0.04017882	0.202304669	-0.198605499	0.842571352	0.992886758
<i>Mmp9</i>	0.417946422	0.346266625	1.207007524	0.227429247	0.894410876
<i>Slc12a5</i>	0.30104216	0.619532075	0.485918601	0.627024879	0.97671122
<i>Ncoa5</i>	-0.073406925	0.130774417	-0.56132481	0.574576131	0.971613657
<i>Cd40</i>	0.358331846	0.15582705	2.299548415	0.021473817	0.60763088
<i>Cdh22</i>	0.299199493	0.944601544	0.316746775	0.751435754	0.988585656
<i>Slc35c2</i>	-0.047237008	0.218921394	-0.215771549	0.829165827	0.992886758
<i>Elmo2</i>	-0.169968772	0.181240902	-0.937805817	0.348344211	0.921552698
<i>Zfp663</i>	3.457736403	1.355597149	2.550710885	0.010750346	0.502706181
<i>Zfp334</i>	0.166985607	0.426826984	0.391225515	0.69563055	0.98715859
<i>Ocstamp</i>	-4.305872253	2.030843361	-2.120238485	0.033985938	0.671818913

<i>Slc13a3</i>	-0.30882153	0.743491183	-0.415366769	0.67787343	0.983670411
<i>Trp53rka</i>	0.221107949	0.144713946	1.527896624	0.126538207	0.823315433
<i>Slc2a10</i>	-0.419534578	0.446326228	-0.939972942	0.34723144	0.921552698
<i>Eya2</i>	0.037804334	0.146325581	0.258357654	0.796130895	0.990988839
<i>Zmynd8</i>	0.108126507	0.240193811	0.450163584	0.652592492	0.979004493
<i>Ncoa3</i>	-0.230223529	0.274854529	-0.837619561	0.402244403	0.937834293
<i>Sulf2</i>	0.171784596	0.194932744	0.881250591	0.378182203	0.928883222
<i>Gm11468</i>	1.118083701	2.009334722	0.556444722	0.577906873	0.971613657
<i>5031425F14Rik</i>	0.750787559	0.743886501	1.00927703	0.312841793	0.914819219
<i>Prex1</i>	-0.075992542	0.221680947	-0.342801413	0.731747863	0.988585656
<i>Trp53rkb</i>	0.195091579	0.33502103	0.582326364	0.56034687	0.968926429
<i>Arfgef2</i>	-0.374485993	0.20207186	-1.853231775	0.063849145	0.730529076
<i>Cse1l</i>	-0.193041213	0.142790801	-1.351916317	0.176402087	0.865862073
<i>Stau1</i>	-0.215109758	0.13769787	-1.562186534	0.118244052	0.814755048
<i>Ddx27</i>	-0.093309537	0.194504328	-0.479729874	0.631419482	0.977034429
<i>Znfx1</i>	-0.024357209	0.184711754	-0.131866048	0.895090244	0.993604681
<i>1500012F01Rik</i>	0.585031018	0.305937836	1.912254549	0.055843553	0.715507996
<i>Kcnb1</i>	-0.016892452	0.478929106	-0.035271299	0.971863409	0.996733101
<i>Ptgis</i>	-0.013635165	0.162697358	-0.083806924	0.933209943	0.994688009
<i>B4galt5</i>	-0.123556333	0.188008009	-0.657186537	0.511060981	0.963452765
<i>Slc9a8</i>	-0.029357272	0.192043484	-0.152867834	0.878502502	0.992886758
<i>Spata2</i>	-0.10250212	0.258496758	-0.396531548	0.691712939	0.986454135
<i>Rnf114</i>	-0.020332967	0.106868498	-0.190261559	0.849104175	0.992886758
<i>Snai1</i>	-0.342674189	0.270811895	-1.265358705	0.205742771	0.883765092
<i>Ube2v1</i>	0.068381073	0.167049651	0.409345801	0.682285908	0.984738223
<i>Tmem189</i>	-0.095948701	0.164276747	-0.584067455	0.55917493	0.968926429
<i>Cebpb</i>	-0.191046309	0.187820959	-1.01717247	0.30907139	0.9139204
<i>A530013C23Rik</i>	0.093131541	0.481574815	0.193389559	0.846653892	0.992886758
<i>Ptpn1</i>	-0.00845022	0.162067144	-0.052140239	0.95841695	0.996226826
<i>Fam65c</i>	1.048137305	0.715748772	1.464392739	0.143086671	0.840741274
<i>Pard6b</i>	-0.212593833	0.14351696	-1.481315049	0.13852264	0.83486864
<i>E130018N17Rik</i>	4.712374923	2.083418194	2.261847831	0.023706807	0.622011301
<i>Adnp</i>	-1.153567926	0.728266899	-1.583990604	0.113195857	0.805644622
<i>Dpm1</i>	0.045962135	0.459496258	0.100027224	0.920322712	0.994688009
<i>Mocs3</i>	-0.11895714	0.172535142	-0.689466153	0.490529966	0.958803155
<i>Nfatc2</i>	-0.252926147	0.759477918	-0.333026334	0.739114405	0.988585656
<i>Atp9a</i>	0.002859637	0.175608302	0.016284182	0.987007677	0.998148029
<i>Zfp64</i>	0.276623152	0.258804616	1.068849373	0.285137547	0.905916508
<i>Tshz2</i>	-0.010653377	0.326926992	-0.03258641	0.974004407	0.997262526
<i>A630075F10Rik</i>	0.964757441	1.700644308	0.567289372	0.570517597	0.971613657
<i>Zfp217</i>	-0.185148736	0.20203438	-0.916421925	0.35944564	0.925244994
<i>Bcas1</i>	0.116425655	0.190622528	0.610765452	0.541354868	0.967217841
<i>Pfdn4</i>	0.064309173	0.173937836	0.369725034	0.711587377	0.988585656
<i>Fam210b</i>	0.093266414	0.141927276	0.657142285	0.511089432	0.963452765
<i>Aurka</i>	-0.262900821	0.454044969	-0.579019345	0.56257612	0.969658675
<i>Cstf1</i>	0.131929851	0.239579873	0.55067168	0.581858762	0.97196726
<i>Cass4</i>	0.609199447	0.583172399	1.04463011	0.296193958	0.90895519
<i>Rtfdc1</i>	-0.030087044	0.093559132	-0.321583189	0.747768481	0.988585656
<i>Bmp7</i>	-0.54667049	0.704170714	-0.776332328	0.43755279	0.94749626
<i>Spo11</i>	-0.88657697	2.109446988	-0.420288813	0.674274482	0.983375962
<i>Rae1</i>	-0.167844262	0.151393428	-1.1086628	0.267575676	0.89804647
<i>Rbm38</i>	0.310322933	0.350418322	0.885578502	0.3758447	0.928883222
<i>Ctcflos</i>	-3.339552916	2.20782331	-1.512599718	0.130381366	0.827800491
<i>Pck1</i>	0.690430325	0.60816241	1.135272936	0.256260978	0.897248195
<i>Zbp1</i>	0.338172001	0.266636567	1.268288161	0.204695063	0.883765092
<i>Pmepa1</i>	-0.328376517	0.218173371	-1.505117305	0.132293921	0.827800491
<i>Ppp4r1l-ps</i>	0.079663027	0.23580301	0.337837194	0.73548588	0.988585656
<i>Rab22a</i>	0.021576906	0.158098356	0.13647774	0.89144362	0.993043931
<i>Vapb</i>	0.192482757	0.093955163	2.048666092	0.040494777	0.679118604
<i>Stx16</i>	-0.084646498	0.136991397	-0.617896447	0.536643601	0.96674935
<i>Npepl1</i>	0.055487302	0.10744225	0.51643838	0.605548266	0.974001549
<i>Gnas</i>	-0.170211824	0.116680155	-1.458789832	0.144622962	0.841977044

<i>Nelfcd</i>	-0.055401477	0.190466151	-0.290873084	0.771148388	0.989990452
<i>Ctsz</i>	-0.076891676	0.19288582	-0.398638304	0.690159734	0.986002801
<i>Tubb1</i>	0.050087969	0.476434833	0.105130787	0.91627203	0.994688009
<i>Atp5e</i>	0.425514134	0.324775449	1.310179496	0.19013512	0.876945711
<i>Slmo2</i>	-0.005168922	0.126212687	-0.040954057	0.967332522	0.996474415
<i>Zfp831</i>	0.55118461	0.801054287	0.688073978	0.491406197	0.958916246
<i>Edn3</i>	0.028743181	0.19076569	0.150672699	0.880233911	0.992886758
<i>Gm14393</i>	-0.322520865	0.941796294	-0.342452893	0.732010089	0.988585656
<i>0610010B08Rik</i>	0.055423737	1.855543757	0.02986927	0.976171314	0.997262526
<i>Gm14440</i>	-0.568385362	0.814494165	-0.69783847	0.485278218	0.957710647
<i>Gm14295</i>	0.284747191	0.2998248	0.949711936	0.342258643	0.919850248
<i>Gm14420</i>	-0.398120122	0.199325319	-1.997338446	0.04578843	0.696869274
<i>Gm14403</i>	-0.207196795	0.200496281	-1.033419644	0.301407557	0.911518274
<i>Gm14322</i>	-0.03077055	0.216196595	-0.142326708	0.886821951	0.992886758
<i>Gm14325</i>	0.192286803	0.14013007	1.372202292	0.170000472	0.861730117
<i>Gm14327</i>	-0.462802701	1.306342988	-0.354273499	0.723133927	0.988585656
<i>C330013J21Rik</i>	0.590459465	0.772285735	0.764560886	0.444533068	0.948476747
<i>Gm14326</i>	0.329150636	0.198553596	1.657742006	0.097369551	0.78359791
<i>Etohi1</i>	-0.10988829	0.201919771	-0.544217584	0.586291753	0.972904784
<i>Zfp931</i>	0.575650056	0.236612192	2.432884174	0.014979092	0.554936045
<i>Phactr3</i>	0.368271407	1.228816918	0.299695912	0.764409117	0.989417128
<i>Sycp2</i>	0.239232128	1.168803607	0.204681203	0.837821208	0.992886758
<i>Ppp1r3d</i>	-0.313813661	0.320030453	-0.980574375	0.326802676	0.916882624
<i>Fam217b</i>	0.983106786	0.546906707	1.797576761	0.072244104	0.74633396
<i>Cdh26</i>	-0.310189432	0.36483773	-0.850212046	0.395207206	0.933933717
<i>Cdh4</i>	0.677932949	0.744763168	0.910266483	0.36268199	0.926455466
<i>Taf4a</i>	0.132806512	0.204790865	0.648498222	0.516662761	0.964352198
<i>4921531C22Rik</i>	0.54232068	0.303114362	1.789161938	0.07358874	0.748833631
<i>Lsm14b</i>	-0.091705738	0.130473099	-0.702870849	0.48213624	0.957463006
<i>Psma7</i>	0.283202573	0.242078691	1.169878159	0.242050004	0.896939594
<i>Ss18l1</i>	-0.106115105	0.294753866	-0.360012597	0.718837714	0.988585656
<i>Mtg2</i>	0.173733019	0.171692386	1.011885403	0.311592849	0.914819219
<i>Osbpl2</i>	0.146812919	0.106834923	1.374203442	0.169378532	0.861597949
<i>Adrm1</i>	-0.045916191	0.149408393	-0.307320022	0.758599797	0.989266039
<i>Lama5</i>	0.270060936	0.156325516	1.727555057	0.084068026	0.76099108
<i>Rps21</i>	0.50028805	0.28991553	1.725633842	0.084413307	0.76099108
<i>Cables2</i>	-0.495360727	0.278730781	-1.777201374	0.075535114	0.752876039
<i>Rbbp8nl</i>	-0.897400772	1.000399833	-0.897042105	0.36969645	0.928436166
<i>Gata5</i>	-0.119323929	0.284966151	-0.418730186	0.675413333	0.983549699
<i>Slco4a1</i>	0.286528747	0.61593203	0.4651954	0.641791533	0.97813956
<i>Mrgbp</i>	0.353834887	0.197968697	1.787327456	0.073884579	0.750661804
<i>Ogfr</i>	-0.07147298	0.127068158	-0.562477501	0.573790728	0.971613657
<i>Col9a3</i>	-0.464330027	1.242980436	-0.373561814	0.708730348	0.988585656
<i>Dido1</i>	0.075605069	0.175394339	0.431057635	0.666426464	0.981863224
<i>Gid8</i>	-0.021949968	0.10922502	-0.200960984	0.840729082	0.992886758
<i>Slc17a9</i>	-0.541403556	0.434701666	-1.245460043	0.212962694	0.884945675
<i>Ythdf1</i>	-0.229587549	0.120777328	-1.900915942	0.057313024	0.721735927
<i>Nkain4</i>	0.170054372	0.210278938	0.808708537	0.418682817	0.943415794
<i>Arfgap1</i>	0.002239126	0.189447107	0.011819266	0.99056981	0.998564713
<i>Col20a1</i>	-0.293339949	0.615851517	-0.476316029	0.633849247	0.977034429
<i>Eef1a2</i>	0.467417927	0.435630351	1.072969149	0.283284959	0.905916508
<i>Pdpdf</i>	0.115926961	0.126792963	0.914301219	0.36055859	0.925913281
<i>Ptk6</i>	0.372880414	1.774614487	0.210119109	0.833574712	0.992886758
<i>Srms</i>	-0.449348165	0.381029921	-1.179298895	0.238279178	0.896609492
<i>BC051628</i>	1.072234326	0.906088917	1.183365459	0.236664341	0.896358698
<i>Helz2</i>	0.160143973	0.176259182	0.908570954	0.363576644	0.926455466
<i>Gmeb2</i>	-0.152995159	0.145442129	-1.051931513	0.292830972	0.907334416
<i>Stmn3</i>	-0.175155514	1.080560253	-0.162096943	0.871229513	0.992886758
<i>Rtel1</i>	0.154293022	0.274698015	0.561682333	0.574332474	0.971613657
<i>Arfrp1</i>	0.145607837	0.132467568	1.099196124	0.271682529	0.89804647
<i>Zgpat</i>	-0.046314719	0.243465919	-0.190230811	0.849128268	0.992886758
<i>Lime1</i>	0.009423423	0.20097673	0.046888128	0.96260239	0.996474415

<i>Slc2a4rg-ps</i>	0.113702114	0.322659288	0.352390643	0.724545318	0.988585656
<i>Zbtb46</i>	0.594880746	0.168159963	3.537588471	0.000403799	0.139568962
<i>Abhd16b</i>	-3.938421712	2.116621694	-1.860711209	0.06278497	0.727650961
<i>Tpd52l2</i>	0.074298546	0.122404055	0.606994155	0.543854791	0.967491297
<i>Dnajc5</i>	-0.206375287	0.18970134	-1.087895778	0.27664112	0.900604936
<i>Uckl1</i>	0.233894195	0.135037866	1.732063769	0.083262209	0.76099108
<i>Uckl1os</i>	-0.134002365	0.215855104	-0.62079776	0.534732697	0.96674935
<i>Znf512b</i>	-0.067610221	0.200239022	-0.337647581	0.735628781	0.988585656
<i>Samd10</i>	0.091690615	0.230242473	0.398235016	0.690456957	0.986010574
<i>Prpf6</i>	-0.108766647	0.188109932	-0.578207892	0.563123771	0.969658675
<i>Sox18</i>	-0.187753682	0.19104738	-0.982759784	0.325725679	0.916443764
<i>Tcea2</i>	-0.239718151	0.286814866	-0.835794025	0.403270788	0.937834293
<i>Rgs19</i>	-0.120456784	0.166189906	-0.72481408	0.468566097	0.953927686
<i>Pcmt2</i>	-0.021269575	0.139442503	-0.152532939	0.878766613	0.992886758
<i>Polr3k</i>	0.005813796	0.135918756	0.042774052	0.965881649	0.996474415
<i>Zfhx4</i>	-0.124197783	0.921998325	-0.134704998	0.892845121	0.993300147
<i>Pex2</i>	0.221401116	0.121716874	1.818984575	0.068913783	0.743426713
<i>Pkia</i>	0.080248867	0.157306613	0.510142994	0.609951286	0.974001549
<i>Zc2hc1a</i>	-0.023410609	0.126416461	-0.185186395	0.85308284	0.992886758
<i>Il7</i>	0.068608522	0.228176077	0.300682363	0.763656719	0.989331656
<i>Stmn2</i>	0.275810589	0.152556714	1.807921665	0.070618693	0.744227652
<i>Hey1</i>	0.063548089	0.130910578	0.485431277	0.62737045	0.97683362
<i>Mrps28</i>	0.283024014	0.170381289	1.661121448	0.096689058	0.782127914
<i>Tpd52</i>	0.067403324	0.11123923	0.605931238	0.544560415	0.967491297
<i>Zbtb10</i>	0.236787203	0.232204655	1.019734955	0.307854179	0.9139204
<i>C030034L19Rik</i>	0.035321569	1.022916761	0.034530248	0.972454323	0.996790728
<i>Zfp704</i>	0.092101837	0.236706334	0.389097475	0.697204041	0.987548136
<i>Pag1</i>	0.248840574	0.309686842	0.803523238	0.421672371	0.943415794
<i>Fabp5</i>	-0.148416226	0.1980893	-0.749238987	0.453713174	0.950351284
<i>Gm9833</i>	-0.560924467	0.594617524	-0.943336589	0.345508767	0.921434283
<i>Fabp4</i>	0.008827069	0.39004675	0.022630798	0.981944777	0.997390438
<i>Fabp12</i>	0.371144891	0.267157353	1.389237042	0.164760681	0.859982992
<i>Impa1</i>	-0.092985254	0.144511414	-0.643445745	0.519934909	0.964665379
<i>Slc10a5</i>	-0.378940231	0.410080215	-0.924063676	0.355453164	0.924354588
<i>Zfand1</i>	0.374574677	0.170682462	2.194570394	0.028194429	0.641905969
<i>Chmp4c</i>	-0.205249718	0.214666012	-0.956135145	0.339003961	0.919246575
<i>Snx16</i>	0.086297866	0.174736448	0.493874443	0.621394855	0.97514112
<i>Raly1</i>	-0.297981127	0.882045176	-0.337829779	0.735491467	0.988585656
<i>Lrrcc1</i>	-0.201859492	0.15763674	-1.280535824	0.200356754	0.880888611
<i>E2f5</i>	0.165128024	0.153154876	1.07817673	0.280954894	0.904228378
<i>1810022K09Rik</i>	0.290137322	0.190725988	1.521225947	0.128203146	0.826336015
<i>Car13</i>	-0.207151764	0.260861354	-0.794106757	0.427133284	0.944314584
<i>Car3</i>	-0.498585524	0.424039836	-1.175798785	0.239675292	0.896939594
<i>Car2</i>	-0.192685927	0.109287	-1.763118463	0.077880512	0.754202
<i>A930001A20Rik</i>	0.227343026	0.284477285	0.799160561	0.424197317	0.94406679
<i>Gm9733</i>	1.101923232	0.550985406	1.999913645	0.045509589	0.69515685
<i>Sirpb1a</i>	0.726722461	0.375874229	1.933419223	0.053184575	0.707153766
<i>Sirpb1b</i>	0.366740681	0.377330265	0.971935505	0.331082635	0.917115058
<i>LOC100038947</i>	0.157447566	0.230765204	0.682284693	0.49505895	0.959272191
<i>Gm5150</i>	0.087074017	0.258612113	0.336697365	0.73634505	0.988585656
<i>Ythdf3</i>	-0.203195314	0.11755549	-1.72850552	0.083897632	0.76099108
<i>Bhlhe22</i>	0.848054062	0.679067057	1.248851719	0.211719313	0.884755882
<i>Cyp7b1</i>	-0.381858087	0.361145782	-1.057351644	0.290351132	0.907334416
<i>Armc1</i>	0.113929328	0.107828757	1.056576473	0.290704923	0.907334416
<i>Mtfr1</i>	-0.100262192	0.12336991	-0.812695675	0.416392561	0.943415794
<i>Pde7a</i>	-0.226053139	0.154847827	-1.459840566	0.144333897	0.841934045
<i>Dnajc5b</i>	-0.027858843	0.69137944	-0.040294578	0.967858276	0.996474415
<i>Trim55</i>	-1.075524372	0.805853251	-1.334640483	0.181994042	0.868546072
<i>4632415L05Rik</i>	-0.233052206	0.15741526	-1.4804931	0.138741701	0.834874897
<i>Cp</i>	-0.343844261	0.140684517	-2.444080327	0.014522193	0.554936045
<i>Hps3</i>	0.151365715	0.187392627	0.807746374	0.419236602	0.943415794
<i>Hltf</i>	-0.157468631	0.154550036	-1.018884467	0.308257819	0.9139204

<i>Gyg</i>	-0.016540962	0.170813192	-0.096836558	0.922856192	0.994688009
<i>Cpa3</i>	0.513659053	0.245500406	2.092294109	0.036412214	0.677009445
<i>Mir7007</i>	1.105314887	1.226305035	0.90133764	0.367408827	0.928436166
<i>Cpb1</i>	0.4778108	0.39862545	1.198645997	0.230665625	0.895404344
<i>Agtr1b</i>	0.342477376	0.745838622	0.459184287	0.646101834	0.979004493
<i>Tbl1xr1</i>	0.091925475	0.171491882	0.536033974	0.591935071	0.974001549
<i>Ect2</i>	-0.222294482	0.36251063	-0.613208177	0.539738699	0.966900344
<i>Nceh1</i>	-0.335750178	0.133953174	-2.506474231	0.012194195	0.525888996
<i>Tnfsf10</i>	0.247950133	0.258881476	0.957774718	0.33817637	0.919246575
<i>Fndc3b</i>	0.105133628	0.159480561	0.659225344	0.509751074	0.963452765
<i>Tmem212</i>	-0.219640447	0.13602217	-1.614740057	0.106366999	0.794899279
<i>Pld1</i>	-0.070661212	0.235191985	-0.300440561	0.763841129	0.989331656
<i>Tnik</i>	0.311043319	0.472521525	0.658262751	0.510369309	0.963452765
<i>Slc2a2</i>	-1.56234639	1.742695497	-0.896511406	0.369979691	0.928436166
<i>Eif5a2</i>	-0.295063008	0.141472095	-2.085662245	0.037009229	0.678243111
<i>Rpl22l1</i>	0.334974028	0.250287567	1.338356643	0.180780205	0.868087032
<i>Egfm1</i>	0.625354377	0.8208833	0.761806674	0.446175397	0.948476747
<i>Mannr</i>	0.781298274	1.510093621	0.517383997	0.604888128	0.974001549
<i>Mecom</i>	-0.235170034	0.188656551	-1.246551118	0.212562135	0.884945675
<i>Mynn</i>	0.030822675	0.114590281	0.268981577	0.78794386	0.990988839
<i>Lrrc34</i>	-0.234508534	0.247224873	-0.948563677	0.342842573	0.919850248
<i>Lrrc31</i>	-0.52936896	0.696067375	-0.760513967	0.446947424	0.948476747
<i>Sec62</i>	-0.128831933	0.075635571	-1.703324662	0.088507328	0.767814344
<i>Gpr160</i>	-0.570772733	0.322836759	-1.767991768	0.07706228	0.752876039
<i>Phc3</i>	0.041432439	0.17612763	0.235240994	0.81402169	0.992048071
<i>Prkci</i>	0.002020101	0.120468431	0.016768715	0.986621128	0.998148029
<i>Skil</i>	-0.025070654	0.144734439	-0.173218301	0.862479839	0.992886758
<i>Cldn11</i>	-0.176569305	1.505640981	-0.117271851	0.906644631	0.994688009
<i>Slc7a14</i>	0.462662386	2.290149967	0.202022746	0.839898942	0.992886758
<i>Kcnmb2</i>	-0.133602672	0.14251514	-0.93746301	0.348520442	0.921552698
<i>Zmat3</i>	-0.045311069	0.235574238	-0.192343055	0.847473495	0.992886758
<i>4930429B21Rik</i>	4.618742608	1.509140847	3.060511295	0.002209594	0.308737709
<i>Pik3ca</i>	-0.088725533	0.152765881	-0.580794168	0.561379186	0.96944293
<i>Zfp639</i>	-0.109958325	0.135089709	-0.813965225	0.415664873	0.943415794
<i>Mfn1</i>	0.032829188	0.145254925	0.226010842	0.821192987	0.992886758
<i>Gnb4</i>	0.29174069	0.134065518	2.176105341	0.029547385	0.64858361
<i>Actl6a</i>	-0.006966076	0.129386076	-0.053839458	0.957063072	0.996226826
<i>Mrpl47</i>	0.044773113	0.2208005	0.20277632	0.839309867	0.992886758
<i>Ndufb5</i>	0.087297924	0.163727354	0.533190829	0.593901489	0.974001549
<i>Usp13</i>	-0.446979788	0.627043488	-0.712836983	0.475946638	0.95716557
<i>Pex5l</i>	-0.435786703	0.818197996	-0.532617661	0.594298274	0.974001549
<i>Ttc14</i>	-0.005918268	0.150094136	-0.039430376	0.968547262	0.996474415
<i>Ccdc39</i>	-0.233631187	0.221112553	-1.056616569	0.290686616	0.907334416
<i>Fxr1</i>	-0.161055762	0.121447855	-1.326130975	0.184796318	0.871716376
<i>Dnajc19</i>	0.184920421	0.197140943	0.938011246	0.348238631	0.921552698
<i>Sox2ot</i>	1.560569873	0.843215979	1.850735651	0.064207593	0.73299549
<i>Sox2</i>	-0.062225781	0.159109896	-0.391086805	0.695733074	0.98715859
<i>Atp11b</i>	0.012603523	0.124409106	0.10130708	0.919306696	0.994688009
<i>Dcun1d1</i>	0.051253283	0.123047685	0.41653188	0.677020844	0.983670411
<i>Mccc1</i>	-0.108074819	0.164735625	-0.656050072	0.511791907	0.963452765
<i>Mccc1os</i>	-0.824149626	0.733502123	-1.123581787	0.261190486	0.897248195
<i>Acad9</i>	-0.143349229	0.147180305	-0.973970186	0.330071343	0.917115058
<i>D3Ertd254e</i>	-0.289079061	0.34067542	-0.848546869	0.396133482	0.934066368
<i>Anxa5</i>	-0.200969556	0.132865497	-1.51257897	0.130386639	0.827800491
<i>1810062G17Rik</i>	0.337866759	0.366932068	0.92078831	0.357160959	0.924354588
<i>Exosc9</i>	-0.182370803	0.190838433	-0.955629327	0.33925954	0.919246575
<i>Ccna2</i>	0.18468423	0.343492732	0.537665613	0.590807924	0.974001549
<i>Bbs7</i>	-0.06060606	0.201668234	-0.300523583	0.76377781	0.989331656
<i>Trpc3</i>	0.700566022	0.523796504	1.337477468	0.181066832	0.868087032
<i>4932438A13Rik</i>	0.091419092	0.173721106	0.526240561	0.598721075	0.974001549
<i>Il2</i>	0.71268804	1.364393731	0.522347783	0.601428206	0.974001549
<i>Il21</i>	-3.706760205	3.7533965	-0.987574909	0.32336088	0.91640698

<i>Cetn4</i>	0.016710024	0.145735777	0.114659725	0.908714838	0.994688009
<i>Bbs12</i>	0.034496368	0.318202038	0.108410268	0.913670256	0.994688009
<i>Fgf2</i>	-0.477842736	0.759572706	-0.629094137	0.529287428	0.965637248
<i>Nudt6</i>	0.031288313	0.193486745	0.161707787	0.871535972	0.992886758
<i>Spata5</i>	0.038410189	0.323143215	0.118864292	0.905382872	0.994688009
<i>Spry1</i>	-0.493851564	0.239835	-2.059130505	0.039481738	0.679118604
<i>Gm5148</i>	0.443426193	0.209805408	2.113511736	0.034556992	0.674795441
<i>Gm20755</i>	0.110237783	0.241909784	0.455697911	0.648607225	0.979004493
<i>Ankrd50</i>	0.123288167	0.231262639	0.53310888	0.593958212	0.974001549
<i>Fat4</i>	0.141961647	0.450493195	0.315124953	0.752666783	0.988585656
<i>Intu</i>	-0.345333757	0.180070602	-1.917768659	0.055140351	0.712244081
<i>Slc25a31</i>	-0.313552269	1.365363735	-0.229647427	0.81836575	0.992734473
<i>Hspa4l</i>	-0.483005393	0.172027972	-2.807714279	0.004989447	0.401294122
<i>Plk4</i>	0.024100181	0.218248064	0.110425636	0.912071823	0.994688009
<i>Mfsd8</i>	-0.050734956	0.138835113	-0.365433173	0.714788083	0.988585656
<i>Gm2011</i>	0.76704149	0.699026808	1.097299103	0.272510663	0.898460682
<i>3110057O12Rik</i>	0.443956172	0.302474104	1.467749357	0.142172318	0.840741274
<i>Larp1b</i>	0.353096941	0.295322358	1.195632267	0.231840094	0.895404344
<i>Pgrmc2</i>	0.162134024	0.145145659	1.117043562	0.2639757	0.897341506
<i>Platr4</i>	-0.396169851	1.31242392	-0.301861194	0.76275788	0.989285682
<i>Jade1</i>	-0.303217054	0.177184928	-1.711302749	0.087025239	0.765418158
<i>Sclt1</i>	-0.067256987	0.262587634	-0.256131585	0.797849234	0.990988839
<i>D3Ertd751e</i>	-0.15807723	0.194173902	-0.814101319	0.415586911	0.943415794
<i>Pabpc4l</i>	0.147191443	0.733731223	0.200606759	0.841006072	0.992886758
<i>Pcdh18</i>	0.632503831	0.308389557	2.050989783	0.040267942	0.679118604
<i>Slc7a11</i>	0.164967247	0.701922889	0.235021894	0.81419174	0.992048071
<i>Ccrn4l</i>	0.066016068	0.344286562	0.191747443	0.847940041	0.992886758
<i>Elf2</i>	-0.096301376	0.130146419	-0.739946413	0.45933251	0.952683168
<i>4930577N17Rik</i>	-0.248834155	0.748689302	-0.332359704	0.739617662	0.988585656
<i>Mgarp</i>	-0.82763105	1.851287538	-0.447056998	0.654833906	0.979133069
<i>Ndufc1</i>	0.164193854	0.151832334	1.08141559	0.27951229	0.902788755
<i>Naa15</i>	-0.160883994	0.124232521	-1.295023173	0.195312236	0.879588734
<i>Rab33b</i>	0.013733413	0.098587562	0.139301683	0.88921176	0.993043931
<i>Setd7</i>	-0.086906236	0.190788063	-0.455511912	0.648741	0.979004493
<i>5031434O11Rik</i>	0.890985468	0.888121795	1.003224415	0.315752596	0.915957942
<i>Mgst2</i>	0.466812839	0.334810939	1.394258027	0.163239701	0.859982992
<i>Maml3</i>	-0.229896172	0.269087878	-0.854353504	0.39290915	0.933734231
<i>Foxo1</i>	0.121051221	0.21771775	0.556000698	0.578210377	0.971613657
<i>Gm2447</i>	0.820982274	1.999587766	0.410575764	0.681383638	0.984683189
<i>Cog6</i>	-0.154586962	0.144738803	-1.068040902	0.285502062	0.905916508
<i>Lhfp</i>	-0.017838778	0.104828149	-0.170171643	0.864875152	0.992886758
<i>Nhlrc3</i>	0.200423464	0.325103607	0.616491048	0.537570478	0.96674935
<i>Proser1</i>	-0.384770378	0.381641193	-1.008199285	0.313358801	0.915243138
<i>Frem2</i>	0.118719743	0.975668241	0.121680442	0.903152103	0.994688009
<i>Ufm1</i>	0.106498811	0.135619422	0.785276987	0.432291185	0.9459793
<i>Postn</i>	-0.039420592	0.150825373	-0.261365786	0.793810439	0.990988839
<i>Supt20</i>	-0.172802655	0.165166887	-1.04623062	0.295454569	0.908201248
<i>Exosc8</i>	-0.062359411	0.148701859	-0.419358652	0.674954038	0.983549699
<i>Alg5</i>	0.125568365	0.131346775	0.956006453	0.339068974	0.919246575
<i>Smad9</i>	0.178590163	0.320737055	0.556811756	0.577656051	0.971613657
<i>Rfxap</i>	-0.0254773	0.238326923	-0.106900639	0.914867806	0.994688009
<i>Ccna1</i>	-0.134853204	0.58870812	-0.229066322	0.818817369	0.992734473
<i>Spg20</i>	-0.085555476	0.192703023	-0.443975788	0.657060089	0.979614766
<i>Dclk1</i>	-0.003165828	0.470487519	-0.006728825	0.994631215	0.999285699
<i>Nbea</i>	0.169019334	0.25853003	0.653770603	0.513259608	0.964352198
<i>Tm4sf1</i>	-0.001597026	0.151826406	-0.010518765	0.991607394	0.998770784
<i>Wwtr1</i>	-0.086606923	0.101309674	-0.854873177	0.392621361	0.933734231
<i>Commd2</i>	0.225495326	0.253463638	0.889655527	0.373650881	0.928840865
<i>Ankub1</i>	-0.220991656	0.603696621	-0.366064092	0.714317251	0.988585656
<i>Rnf13</i>	0.021415008	0.127932362	0.167393203	0.867060673	0.992886758
<i>Pfn2</i>	0.08898564	0.146202876	0.608644938	0.542759811	0.967491297
<i>Tsc22d2</i>	-0.106184882	0.224871893	-0.472201665	0.636782851	0.977284137

<i>Serp1</i>	0.01605487	0.137157904	0.117053914	0.90681733	0.994688009
<i>Eif2a</i>	0.095597646	0.12294349	0.777573872	0.436820269	0.946762848
<i>Selt</i>	0.2013534	0.165087813	1.219674527	0.222588282	0.892391445
<i>Erich6</i>	-1.000115008	1.07679302	-0.928790389	0.352997726	0.923620814
<i>Gm8234</i>	0.374522352	0.568991829	0.658220967	0.510396154	0.963452765
<i>Siah2</i>	-0.170741751	0.214877393	-0.794600814	0.426845745	0.944290206
<i>4930593A02Rik</i>	-0.516990281	1.905366729	-0.27133374	0.786134359	0.990988839
<i>Med12l</i>	-0.355846706	0.525620898	-0.677002583	0.498404315	0.960700483
<i>Gpr171</i>	-0.144915206	0.22772899	-0.636349402	0.524548712	0.965637248
<i>P2ry14</i>	0.029054177	0.192109513	0.151237576	0.87978831	0.992886758
<i>P2ry13</i>	-0.316764483	0.349460803	-0.906437804	0.364704171	0.926556975
<i>P2ry12</i>	0.008662839	0.336889648	0.025714175	0.979485318	0.997262526
<i>Igsf10</i>	0.536752537	0.473849177	1.132749749	0.257319359	0.897248195
<i>Aadac</i>	-1.194903749	0.868088348	-1.37647712	0.168673966	0.861597949
<i>Sucnr1</i>	-1.233043805	1.722469028	-0.715858331	0.47407883	0.955974667
<i>Mbnl1</i>	0.061094353	0.135617536	0.450490069	0.652357113	0.979004493
<i>P2ry1</i>	-0.121508288	0.324573367	-0.374363088	0.708134201	0.988585656
<i>Rap2b</i>	0.283024475	0.145112492	1.950379814	0.051130866	0.707153766
<i>Arhgef26</i>	0.042770551	0.122589328	0.348892938	0.727169687	0.988585656
<i>Dhx36</i>	-0.237878282	0.128280837	-1.854355553	0.063688309	0.729199878
<i>Mme</i>	-0.268722662	0.136870458	-1.963335738	0.049607175	0.707153766
<i>Plch1</i>	-0.344891463	0.513765159	-0.671301775	0.502028304	0.961378071
<i>E130311K13Rik</i>	0.256355619	0.200032203	1.281571748	0.199992916	0.880888611
<i>Slc33a1</i>	0.057303556	0.127181193	0.450566276	0.652302177	0.979004493
<i>Gmps</i>	-0.133153146	0.17693546	-0.752552068	0.45171913	0.949134998
<i>Kcnab1</i>	0.072648196	0.648118637	0.112090892	0.910751339	0.994688009
<i>A730090N16Rik</i>	2.507052166	1.986507238	1.262040288	0.20693429	0.883765092
<i>Ssr3</i>	0.086982527	0.135510916	0.641885757	0.520947363	0.964784335
<i>4931440P22Rik</i>	0.075849164	0.755977779	0.100332531	0.920080332	0.994688009
<i>Tiparp</i>	-0.35807174	0.175824697	-2.036526989	0.041697466	0.679118604
<i>Mir8120</i>	-0.708339688	1.933885183	-0.366278047	0.714157609	0.988585656
<i>Lekr1</i>	0.030127767	0.233455299	0.129051547	0.897316862	0.994101834
<i>Ccnl1</i>	-0.063660737	0.119277297	-0.53372049	0.593534931	0.974001549
<i>Veph1</i>	-0.528209983	0.892094977	-0.592100614	0.553783216	0.968926429
<i>Ptx3</i>	0.307484397	0.916939583	0.335337685	0.737370369	0.988585656
<i>Shox2</i>	-1.654920526	2.100402062	-0.787906542	0.430751374	0.945321484
<i>Rsrc1</i>	0.084847953	0.1400548	0.605819669	0.544634507	0.967491297
<i>Mlf1</i>	-0.013608167	0.160085791	-0.085005465	0.932257046	0.994688009
<i>Gfm1</i>	0.001530728	0.162934391	0.009394753	0.992504182	0.99886678
<i>Lxn</i>	0.03417966	0.180638855	0.189215435	0.849923971	0.992886758
<i>Rarres1</i>	-0.28235255	0.441605907	-0.639376751	0.52257787	0.965637248
<i>Mfsd1</i>	-0.209839774	0.107417882	-1.953490143	0.050761544	0.707153766
<i>Schip1</i>	-0.37728989	0.748401823	-0.504127433	0.614171831	0.974001549
<i>Il12a</i>	-0.190890702	0.451942341	-0.422378442	0.672748811	0.983233856
<i>1110032F04Rik</i>	0.151425863	0.68173548	0.222118208	0.824221864	0.992886758
<i>Ift80</i>	-0.128092337	0.185233196	-0.691519334	0.489239235	0.958560421
<i>Smc4</i>	-0.231982957	0.133702621	-1.735066637	0.082729003	0.76099108
<i>Trim59</i>	0.116842995	0.246046805	0.474881173	0.634871671	0.977034429
<i>Kpna4</i>	0.087347559	0.136274569	0.640967422	0.52154385	0.965009795
<i>Ppm1l</i>	-0.482823285	0.330823702	-1.459457956	0.144439104	0.841934045
<i>B3galnt1</i>	0.185535069	0.211546351	0.877042164	0.380463737	0.929775696
<i>Nmd3</i>	0.091331412	0.130709646	0.698735057	0.484717621	0.957710647
<i>Sptssb</i>	0.328643914	0.322201212	1.019995898	0.307730406	0.9139204
<i>Gm6634</i>	0.635825382	0.387604051	1.640399216	0.100922188	0.788783372
<i>Bche</i>	-0.359891408	0.275362594	-1.306972757	0.191221964	0.878116834
<i>Zbbx</i>	0.633224132	0.603467977	1.04930859	0.294036114	0.907334416
<i>Pdcd10</i>	0.293487209	0.239364071	1.226112204	0.220156454	0.889044644
<i>Serpini1</i>	0.246048709	0.366553786	0.671248584	0.502062183	0.961378071
<i>Golim4</i>	-0.071752771	0.168124826	-0.426782721	0.669537593	0.981863224
<i>Rapgef2</i>	0.052706606	0.233566272	0.225660176	0.821465734	0.992886758
<i>Fnip2</i>	-0.01710437	0.222313363	-0.076938108	0.938672782	0.994688009
<i>Ppid</i>	-0.042222094	0.108623684	-0.388700628	0.697497618	0.987548136

<i>Etfhdh</i>	0.114313174	0.173130844	0.660270416	0.509080312	0.963452765
<i>4930579G24Rik</i>	0.170574352	0.296567899	0.575161212	0.565182273	0.969738975
<i>Rxfp1</i>	1.328679872	1.985666749	0.669135378	0.503409124	0.961729397
<i>Tmem144</i>	-0.325815173	0.476884957	-0.683215455	0.494470708	0.958968423
<i>Fam198b</i>	0.052659839	0.140101899	0.375868135	0.707014931	0.988585656
<i>Glrh</i>	-0.081736095	0.603153503	-0.135514582	0.892205036	0.993251849
<i>Pdgfc</i>	-0.191999867	0.305731502	-0.628001584	0.530002903	0.965888564
<i>Ctso</i>	-0.102724238	0.106049768	-0.968641804	0.332723938	0.917115058
<i>Tdo2</i>	-0.348140907	0.551333132	-0.631452904	0.527744434	0.965637248
<i>Gucy1b3</i>	-0.134493819	0.196151958	-0.685661363	0.492926676	0.958916246
<i>Gucy1a3</i>	0.277742751	0.125479739	2.213446997	0.026866844	0.633894445
<i>Map9</i>	-0.492556364	0.34635047	-1.422132798	0.154987703	0.854973821
<i>Rbm46</i>	-0.387002511	0.405894004	-0.953457079	0.340358533	0.919850248
<i>Rbm46os</i>	-3.433732691	2.478166902	-1.385593798	0.165870973	0.860011234
<i>Lrat</i>	-0.885262077	0.332394101	-2.663290576	0.007738056	0.45506991
<i>Fgg</i>	-1.272765098	0.793912488	-1.603155407	0.108900348	0.798400564
<i>Fga</i>	-1.17078929	1.01767432	-1.150455767	0.249956203	0.896939594
<i>Plrg1</i>	-0.135596753	0.138656533	-0.977932666	0.328107627	0.917115058
<i>Sfrp2</i>	-0.02092932	0.283378458	-0.073856427	0.941124627	0.994688009
<i>Tlr2</i>	0.084228719	0.160017051	0.526373401	0.598628793	0.974001549
<i>D930015E06Rik</i>	0.3287879	0.336218423	0.977899715	0.328123926	0.917115058
<i>Mnd1</i>	0.229789328	0.347060167	0.66210228	0.507905675	0.963106419
<i>Trim2</i>	-0.167317852	0.205417846	-0.814524419	0.415344589	0.943415794
<i>Fhdc1</i>	-0.072464595	0.210667944	-0.343975423	0.730864769	0.988585656
<i>Arfp1</i>	0.032477144	0.117545602	0.276293998	0.782322265	0.990988839
<i>Tigd4</i>	2.12228946	1.825237116	1.162747262	0.24493206	0.896939594
<i>Tmem154</i>	-0.28867055	0.158040194	-1.826564137	0.06776533	0.742385562
<i>Fbxw7</i>	-0.07669155	0.191894294	-0.399655187	0.689410503	0.985586538
<i>Gatb</i>	0.144068138	0.168472893	0.855141358	0.392472896	0.933734231
<i>Fam160a1</i>	-0.112287799	0.262342636	-0.428019633	0.668636827	0.981863224
<i>Glt28d2</i>	-0.087308513	0.213030616	-0.409840211	0.681923167	0.984683806
<i>Sh3d19</i>	-0.048448796	0.160779598	-0.301336718	0.763157744	0.989285682
<i>Rps3a1</i>	0.230361109	0.152463626	1.510925033	0.130807552	0.827800491
<i>Rnu73b</i>	2.377526551	2.450247176	0.970321107	0.33188646	0.917115058
<i>Lrba</i>	-0.046873776	0.155018662	-0.302375053	0.76236617	0.989285682
<i>Dclk2</i>	-0.879649869	0.634082548	-1.387279735	0.16535648	0.860011234
<i>Cd1d2</i>	0.587650377	1.063664214	0.552477341	0.580621354	0.971613657
<i>Cd1d1</i>	0.011858409	0.152998558	0.077506673	0.938220483	0.994688009
<i>Kirrel</i>	-0.268426495	0.320648436	-0.837136454	0.402515872	0.937834293
<i>Fcrls</i>	0.094514841	0.298632535	0.31649211	0.751629013	0.988585656
<i>Cd5l</i>	0.074729818	0.83725483	0.089255762	0.928878651	0.994688009
<i>Fcrl1</i>	0.380458413	0.407962784	0.932581176	0.351036256	0.922414914
<i>Fcrl5</i>	-0.459285769	0.914593945	-0.502174513	0.615544769	0.974001549
<i>Etv3</i>	0.005539518	0.221555921	0.0250028	0.98005273	0.997296835
<i>Arhgef11</i>	-0.383346164	0.287142066	-1.335040073	0.181863231	0.868546072
<i>Lrrc71</i>	-0.093353367	0.211633696	-0.441108239	0.659134639	0.979924124
<i>Pear1</i>	0.412776346	0.283365683	1.456691373	0.145201592	0.842729381
<i>Ntrk1</i>	-0.307297214	0.577997598	-0.531658289	0.594962686	0.974001549
<i>Insrr</i>	-3.845775943	2.225178232	-1.728300182	0.083934421	0.76099108
<i>Sh2d2a</i>	0.715567074	0.679160887	1.053604658	0.292063956	0.907334416
<i>Prcc</i>	-0.026557737	0.13826418	-0.192079659	0.847679808	0.992886758
<i>Hdgf</i>	-0.064936657	0.133528063	-0.486314677	0.626744075	0.976601842
<i>Mrpl24</i>	0.443791196	0.141099689	3.145231563	0.001659554	0.284736028
<i>Rrnad1</i>	-0.091913699	0.270871005	-0.339326459	0.734363812	0.988585656
<i>Isg20l2</i>	-0.318739914	0.138993777	-2.293195574	0.021836748	0.614067614
<i>Nes</i>	0.190132695	0.226338363	0.84003742	0.400887406	0.937317582
<i>Bcan</i>	0.175284321	0.779241735	0.224942163	0.822024269	0.992886758
<i>Gpatch4</i>	-0.138120005	0.247453131	-0.558166325	0.576730814	0.971613657
<i>Apoa1bp</i>	0.252758285	0.14474363	1.746248068	0.080767856	0.758307521
<i>Iqgap3</i>	-0.161904837	0.970595179	-0.166809851	0.867519667	0.992886758
<i>Mef2d</i>	0.229407094	0.408108976	0.562122146	0.574032801	0.971613657
<i>1700113A16Rik</i>	0.280063059	0.253904063	1.10302709	0.270015401	0.89804647

<i>Rhbg</i>	0.070480636	0.255509073	0.275843966	0.782667914	0.990988839
<i>Tsacc</i>	0.202014963	0.331986791	0.608503014	0.542853908	0.967491297
<i>Cct3</i>	-0.095925517	0.1151674	-0.832922483	0.404888449	0.938874266
<i>GImp</i>	-0.036337966	0.165329634	-0.219791003	0.826033927	0.992886758
<i>Tmem79</i>	0.230844746	0.351633537	0.656492405	0.511507353	0.963452765
<i>Smg5</i>	-0.150831172	0.138346609	-1.090241195	0.275606911	0.900302631
<i>Paqr6</i>	0.228290781	0.298256512	0.76541759	0.444022922	0.948476747
<i>Pmf1</i>	-0.003865461	0.225685351	-0.017127655	0.986334777	0.998148029
<i>Slc25a44</i>	-0.128220355	0.312432789	-0.4103934	0.681517387	0.984683806
<i>Sema4a</i>	-0.494492367	0.240967856	-2.052109253	0.040159046	0.679118604
<i>Lmna</i>	-0.006959762	0.15013965	-0.046355256	0.963027099	0.996474415
<i>Mex3a</i>	-0.807312538	0.936406869	-0.862138633	0.388611234	0.933269543
<i>Rab25</i>	0.10867469	0.135651668	0.801130507	0.423056097	0.943509323
<i>Lamtor2</i>	0.332001215	0.118997641	2.789981479	0.005271106	0.406593461
<i>Ubqln4</i>	0.055847674	0.140133107	0.398533047	0.690237303	0.986002801
<i>Ssr2</i>	0.008587701	0.094052488	0.091307533	0.927248233	0.994688009
<i>Arhgef2</i>	-0.091170918	0.144113097	-0.632634507	0.526972348	0.965637248
<i>Rxfp4</i>	-1.187110836	1.506579627	-0.787950941	0.430725402	0.945321484
<i>2810403A07Rik</i>	-0.175584222	0.147448948	-1.190813666	0.233726743	0.89581803
<i>Rit1</i>	0.264507827	0.143595092	1.842039465	0.065469377	0.736169783
<i>Syt11</i>	-0.067921089	0.301347267	-0.225391422	0.821674784	0.992886758
<i>5830417110Rik</i>	-0.004408436	0.323626692	-0.013621979	0.989131569	0.998182772
<i>1500004A13Rik</i>	-0.025631914	0.95449914	-0.026853784	0.978576355	0.997262526
<i>Gon4l</i>	-0.441916887	0.309050188	-1.429919492	0.152740127	0.853744627
<i>Msto1</i>	0.417456345	0.265141401	1.574466845	0.115379561	0.81007959
<i>Dap3</i>	0.089320795	0.126348721	0.706938656	0.4796046	0.957463006
<i>Ash1l</i>	-0.079776572	0.191495997	-0.41659655	0.676973533	0.983670411
<i>Rusc1</i>	-0.282320663	0.199246506	-1.416941603	0.156500002	0.855455553
<i>Fdps</i>	0.054441272	0.163869916	0.332222492	0.739721261	0.988585656
<i>Pklr</i>	-0.312407221	0.714851488	-0.43702395	0.662093979	0.980647283
<i>Clk2</i>	-0.019740722	0.286925777	-0.068800796	0.945148185	0.99486515
<i>Fam189b</i>	-0.159718554	0.256931002	-0.621639869	0.534178699	0.96674935
<i>Gba</i>	-0.235973479	0.143141591	-1.648531907	0.099243569	0.788491361
<i>Mtx1</i>	-0.045319441	0.163138416	-0.277797484	0.781167822	0.990988839
<i>Thbs3</i>	-0.156454591	0.215766936	-0.725109201	0.46838504	0.953888306
<i>Muc1</i>	-0.238157233	0.175254435	-1.358922718	0.174171079	0.863528862
<i>Trim46</i>	0.471617603	0.518586785	0.909428503	0.363123982	0.926455466
<i>Krtcap2</i>	-0.002088303	0.128614061	-0.016236974	0.987045338	0.998148029
<i>Dpm3</i>	0.386120641	0.205500971	1.878923688	0.060254914	0.725221283
<i>Slc50a1</i>	0.047793882	0.102513755	0.466219215	0.641058597	0.977921835
<i>Efna1</i>	-0.077017813	0.130899614	-0.588373113	0.556281881	0.968926429
<i>Efna3</i>	0.321296646	0.466892797	0.688159353	0.491352437	0.958916246
<i>Efna4</i>	0.077997143	0.354854094	0.2198006	0.826026452	0.992886758
<i>Adam15</i>	-0.021205699	0.160981301	-0.131727718	0.895199661	0.993604681
<i>Dcst1</i>	-0.235183636	0.688124887	-0.34177464	0.732520496	0.988585656
<i>Zbtb7b</i>	-0.026802409	0.192833237	-0.138992685	0.88945593	0.993043931
<i>Gm15417</i>	0.351864521	0.297251624	1.183726153	0.236521483	0.896358698
<i>Lenep</i>	-0.588295189	1.037883279	-0.566822108	0.570835048	0.971613657
<i>Flad1</i>	0.07428635	0.239626497	0.310008914	0.756554177	0.989266039
<i>Cks1b</i>	-0.312804151	0.241547162	-1.295002386	0.195319406	0.879588734
<i>Shc1</i>	-0.073988923	0.119143837	-0.621005038	0.534596309	0.96674935
<i>Pygo2</i>	-0.276402974	0.180042018	-1.535213707	0.124731342	0.821164769
<i>Pbxip1</i>	-0.139767513	0.146012655	-0.957228762	0.338451803	0.919246575
<i>Pmvk</i>	-0.174145973	0.196009091	-0.888458651	0.374294088	0.928883222
<i>Kcnn3</i>	-0.82987173	0.476561345	-1.741374411	0.081617971	0.76099108
<i>Adar</i>	-0.25997008	0.226807353	-1.146215394	0.25170604	0.896939594
<i>Chrn2</i>	-0.470122551	1.385872594	-0.339224942	0.734440281	0.988585656
<i>4632404H12Rik</i>	0.449818341	0.395763102	1.136584839	0.255711881	0.897044747
<i>Ube2q1</i>	0.091379705	0.092859456	0.984064622	0.32508374	0.91640698
<i>She</i>	-0.054003738	0.168967311	-0.319610568	0.749263562	0.988585656
<i>Il6ra</i>	-0.348217362	0.251069257	-1.386937478	0.165460828	0.860011234
<i>Atp8b2</i>	-0.123658567	0.190916577	-0.647709955	0.517172564	0.964352198

<i>Hax1</i>	0.177363675	0.154064487	1.151230105	0.249637583	0.896939594
<i>Gm19710</i>	-0.630219815	1.650046554	-0.381940627	0.702505405	0.988482081
<i>Ubap2l</i>	-0.228053537	0.19049483	-1.197163919	0.23124267	0.895404344
<i>4933434E20Rik</i>	0.243488782	0.151696258	1.60510737	0.108470178	0.798150849
<i>1700094D03Rik</i>	0.104313753	0.165025467	0.632107	0.527316961	0.965637248
<i>Tpm3</i>	0.088016379	0.087702051	1.003584047	0.315579147	0.91586731
<i>Nup210l</i>	0.024699759	0.561440391	0.043993556	0.964909541	0.996474415
<i>Rps27</i>	0.541505485	0.603207187	0.897710599	0.369339857	0.928436166
<i>Rab13</i>	0.330204395	0.18660547	1.769532235	0.076805096	0.752876039
<i>Jtb</i>	0.141876184	0.158957743	0.892540254	0.372103427	0.928840865
<i>Creb3l4</i>	-0.429130865	0.3739022	-1.147708853	0.251088775	0.896939594
<i>Slc39a1</i>	0.097618446	0.083201643	1.173275459	0.24068536	0.896939594
<i>Crtc2</i>	0.044432025	0.192444396	0.230882407	0.817406159	0.992678823
<i>Dennd4b</i>	-0.05569327	0.294987086	-0.188799012	0.850250346	0.992886758
<i>Gatad2b</i>	-0.272668814	0.409766771	-0.665424416	0.505779073	0.96224682
<i>Slc27a3</i>	0.265263592	0.17889649	1.482776955	0.138133681	0.833928471
<i>Ints3</i>	-0.007876558	0.123760002	-0.063643809	0.949253848	0.995624732
<i>Npr1</i>	-0.198446937	0.171524227	-1.156961555	0.247288068	0.896939594
<i>Ilf2</i>	0.00959456	0.108736058	0.088237155	0.929688187	0.994688009
<i>Snapin</i>	0.015615476	0.107887342	0.144738721	0.884917166	0.992886758
<i>Chtop</i>	0.083621627	0.099784508	0.838022147	0.402018265	0.937834293
<i>S100a1</i>	0.202981383	0.250856258	0.809154153	0.418426482	0.943415794
<i>S100a13</i>	0.184423657	0.151151577	1.220123935	0.222417896	0.892391445
<i>S100a14</i>	0.030025462	0.305060538	0.098424601	0.921595141	0.994688009
<i>S100a16</i>	0.198198878	0.16667187	1.18915614	0.23437823	0.89581803
<i>S100a2</i>	0.997711915	1.360937692	0.73310624	0.463493634	0.953083512
<i>S100a3</i>	0.44767848	0.551665341	0.811503728	0.417076453	0.943415794
<i>S100a4</i>	0.255396649	0.2194625	1.163737082	0.244530577	0.896939594
<i>S100a6</i>	0.095833935	0.17665012	0.542507046	0.587469255	0.973455044
<i>S100a7a</i>	0.190678597	0.629390831	0.30295738	0.761922342	0.989285682
<i>S100a8</i>	0.721365765	0.458880068	1.572013723	0.115947369	0.811920148
<i>S100a9</i>	0.688950726	0.47461883	1.451587427	0.146616357	0.843780493
<i>Lor</i>	1.037686639	1.419660498	0.730939996	0.464815805	0.953083512
<i>Sprr1a</i>	-0.694826553	0.761033325	-0.913004108	0.361240381	0.92633449
<i>Ivl</i>	0.731344112	1.133740353	0.64507196	0.518880554	0.96446859
<i>Rptn</i>	1.012567456	0.703050374	1.440248799	0.149797022	0.848779008
<i>Tchh</i>	0.06423473	0.388622093	0.165288416	0.868716976	0.992886758
<i>S100a11</i>	-0.210150182	0.093679436	-2.24329043	0.024878092	0.627796923
<i>S100a10</i>	0.271125687	0.14329965	1.892019188	0.058488424	0.72285319
<i>Them4</i>	0.149439613	0.213376001	0.700358113	0.483703688	0.957710647
<i>C2cd4d</i>	1.668833279	2.034981565	0.820072923	0.412174537	0.942121471
<i>Rorc</i>	-0.254744385	0.176887102	-1.440152406	0.149824285	0.848779008
<i>Tdrkh</i>	0.234165834	0.317895716	0.736612109	0.461358269	0.953083512
<i>Oaz3</i>	-0.182756853	1.436093248	-0.12725974	0.898734824	0.994364545
<i>Mrpl9</i>	0.240511343	0.113302759	2.122731564	0.033776352	0.671818913
<i>Riiad1</i>	0.188498305	0.194586071	0.968714276	0.332687768	0.917115058
<i>Celf3</i>	0.12934598	1.496898519	0.086409318	0.93114104	0.994688009
<i>Snx27</i>	-0.329876457	0.174695463	-1.88829436	0.058986444	0.72285319
<i>Tuft1</i>	-0.022760325	0.13968799	-0.16293688	0.870568133	0.992886758
<i>BC021767</i>	-0.574218338	1.173070993	-0.489500074	0.624487702	0.975987226
<i>Selenbp2</i>	-0.907271024	0.457884486	-1.981440848	0.047541857	0.700850692
<i>Cgn</i>	-0.231317216	0.247748326	-0.933678219	0.350469904	0.922338606
<i>Pogz</i>	0.270721807	0.254683967	1.062971532	0.287794862	0.907334416
<i>Psmb4</i>	0.317949943	0.159009935	1.999560232	0.045547772	0.69515685
<i>Selenbp1</i>	-0.181785402	0.155581126	-1.168428375	0.242634015	0.896939594
<i>Rfx5</i>	-0.041816794	0.280091933	-0.149296676	0.881319538	0.992886758
<i>Pi4kb</i>	-0.154952052	0.103183924	-1.501707301	0.133172717	0.827800491
<i>Zfp687</i>	0.036264334	0.297243085	0.12200228	0.902897213	0.994688009
<i>Psmd4</i>	0.076382965	0.117719962	0.648853122	0.516433317	0.964352198
<i>Pip5k1a</i>	-0.170743113	0.133008581	-1.283699981	0.199246951	0.880831248
<i>Vps72</i>	0.12806568	0.115687167	1.106999879	0.268293981	0.89804647
<i>Tmod4</i>	0.5953537	0.415511114	1.432822566	0.151908551	0.852599143

<i>Scnm1</i>	0.455979147	0.164830821	2.766346384	0.005668829	0.420704384
<i>Lysmd1</i>	0.21566632	0.376880855	0.572240051	0.567159357	0.970862413
<i>Tnfaip8l2</i>	0.078937432	0.19125027	0.412744159	0.679794068	0.983903958
<i>Sema6c</i>	-0.580241796	0.799463337	-0.725789124	0.467968055	0.953657709
<i>Gabpb2</i>	-0.116257511	0.14422724	-0.8060718	0.420201451	0.943415794
<i>Mllt11</i>	-0.074311104	0.214414792	-0.346576388	0.728909588	0.988585656
<i>Cdc42se1</i>	-0.051725488	0.08622148	-0.599914177	0.548563434	0.968887406
<i>Gm128</i>	0.658422676	1.470339068	0.447803293	0.654295167	0.979133069
<i>Bnpl</i>	0.332074398	0.202983474	1.635967657	0.101846357	0.788783372
<i>Prune</i>	-0.004096586	0.264616989	-0.01548119	0.987648291	0.998148029
<i>Fam63a</i>	0.033252556	0.133637109	0.248827264	0.803494401	0.990988839
<i>Anxa9</i>	-0.182501641	0.279515593	-0.652921144	0.513807117	0.964352198
<i>Cers2</i>	-0.278988877	0.090982568	-3.066399252	0.002166538	0.308737709
<i>Setdb1</i>	0.119186934	0.233068158	0.511382316	0.609083375	0.974001549
<i>4930558C23Rik</i>	-0.821185603	1.210959946	-0.678127799	0.497690666	0.960700483
<i>Arnt</i>	-0.03816212	0.138571783	-0.27539604	0.783011986	0.990988839
<i>Ctsk</i>	-0.495082425	0.416139963	-1.189701707	0.234163654	0.89581803
<i>Ctss</i>	-0.210252611	0.174829381	-1.202616006	0.229124951	0.895404344
<i>Golph3l</i>	-0.267870613	0.120323639	-2.226250922	0.025997379	0.631530315
<i>Ensa</i>	-0.018977904	0.077267333	-0.245613553	0.805981397	0.99099448
<i>Mcl1</i>	-0.061217738	0.111592093	-0.548584911	0.583290343	0.972174584
<i>Adamts14</i>	-0.087306848	0.244362085	-0.357284757	0.72087864	0.988585656
<i>Ecm1</i>	-0.10429843	0.174972474	-0.596084785	0.551118588	0.968926429
<i>Tars2</i>	0.067905391	0.122600325	0.553876111	0.579663635	0.971613657
<i>Rprd2</i>	0.433375159	0.216030188	2.006086106	0.044847062	0.69077168
<i>Prpf3</i>	-0.092224166	0.155243205	-0.594062499	0.552470312	0.968926429
<i>Mrps21</i>	0.284343892	0.187476443	1.516691308	0.12934464	0.827800491
<i>C920021L13Rik</i>	-0.310466742	0.453438366	-0.684694472	0.493536738	0.958916246
<i>Ciart</i>	-0.634938231	0.46649987	-1.3610684	0.173492075	0.863528862
<i>BC028528</i>	0.118554603	0.227003657	0.522258561	0.601490317	0.974001549
<i>Aph1a</i>	-0.058740164	0.155207673	-0.378461725	0.705087622	0.988585656
<i>Car14</i>	0.142630086	0.315671538	0.45183068	0.651390966	0.979004493
<i>Anp32e</i>	0.060313022	0.138376443	0.435861923	0.662936913	0.980876591
<i>Gm9054</i>	0.886112967	1.210981481	0.731731228	0.464332632	0.953083512
<i>Plekho1</i>	0.270880008	0.147868669	1.831895889	0.066966933	0.739762596
<i>Vps45</i>	-0.016906768	0.138246889	-0.122294024	0.902666164	0.994688009
<i>Otud7b</i>	-0.206178633	0.149168949	-1.382181977	0.166915832	0.860403806
<i>Mttnr11</i>	0.017884404	0.233782733	0.076500105	0.93902123	0.994688009
<i>Sf3b4</i>	-0.236704277	0.30615827	-0.773143503	0.439437458	0.947849924
<i>Sv2a</i>	1.170843993	1.622747433	0.721519547	0.470589919	0.95486913
<i>Bola1</i>	0.032394535	0.180935805	0.179038833	0.85790721	0.992886758
<i>Hist2h2ac</i>	2.896533792	2.262422651	1.2802797	0.200446785	0.880888611
<i>Hist2h2be</i>	-0.267937018	0.228680049	-1.171667662	0.241330511	0.896939594
<i>Hist2h4</i>	-0.455587928	1.587108198	-0.287055368	0.774069926	0.990730604
<i>Fcgr1</i>	0.110741504	0.224193838	0.49395427	0.621338476	0.97514112
<i>Hfe2</i>	-0.225037919	0.46783343	-0.48102146	0.630501247	0.977034429
<i>Gm15441</i>	0.55078559	0.34238522	1.608672215	0.107688034	0.796929372
<i>Txnip</i>	0.069712231	0.164707597	0.423248423	0.67211402	0.983233856
<i>Polr3gl</i>	0.125905437	0.154814797	0.813264878	0.416066209	0.943415794
<i>Ankrd34a</i>	1.202520316	1.797192958	0.669110298	0.503425121	0.961729397
<i>Lix1l</i>	-0.03806226	0.133521863	-0.285063878	0.775595203	0.990861469
<i>6330549D23Rik</i>	0.015498455	0.520929634	0.029751533	0.976265212	0.997262526
<i>Rbm8a</i>	0.177049332	0.121375084	1.458695854	0.144648838	0.841977044
<i>Pex11b</i>	-0.135732598	0.1113477	-1.218997773	0.222845038	0.892391445
<i>Itga10</i>	-0.627659861	0.456347772	-1.375398104	0.169008057	0.861597949
<i>Ankrd35</i>	0.630164057	0.752805944	0.837086984	0.402543676	0.937834293
<i>Pias3</i>	0.034865693	0.187609409	0.185841921	0.852568729	0.992886758
<i>Nudt17</i>	-0.191517178	0.389272116	-0.491987919	0.622727884	0.97546562
<i>Polr3c</i>	0.186308956	0.158820524	1.173078585	0.240764293	0.896939594
<i>Rnf115</i>	0.110393594	0.10540232	1.047354496	0.294936111	0.90737175
<i>Cd160</i>	0.601349843	0.481030549	1.250128178	0.211252728	0.884390587
<i>Pdzk1</i>	-0.068304964	0.372615944	-0.183311972	0.854553241	0.992886758

<i>Gpr89</i>	0.222666408	0.159426717	1.396669344	0.162513027	0.859982992
<i>Gja5</i>	0.178251882	0.159029719	1.120871513	0.262342558	0.897248195
<i>Acp6</i>	-0.130283623	0.201208684	-0.647504968	0.51730518	0.964352198
<i>Bcl9</i>	0.0751087	0.503815362	0.149079814	0.881490654	0.992886758
<i>Chd1l</i>	0.126219709	0.154627809	0.816280786	0.414339561	0.943415794
<i>Fmo5</i>	-0.198420588	0.255718851	-0.775932581	0.437788794	0.94749626
<i>Prkab2</i>	-0.129476712	0.242239981	-0.534497698	0.592997242	0.974001549
<i>Pde4dip</i>	-0.151244065	0.159826993	-0.946298628	0.343996293	0.920669678
<i>Sec22b</i>	0.067402183	0.092417709	0.72932108	0.46580528	0.953083512
<i>Notch2</i>	0.225431451	0.208205656	1.082734521	0.278926277	0.90176568
<i>Hmgcs2</i>	0.361576414	0.255152611	1.417098624	0.156454095	0.855455553
<i>Phgdh</i>	0.060214935	0.223864087	0.26897988	0.787945166	0.990988839
<i>Zfp697</i>	-0.148552583	0.267213421	-0.555932343	0.578257107	0.971613657
<i>Hsd3b2</i>	1.082476655	1.301435034	0.831756197	0.405546573	0.939557159
<i>Wars2</i>	-0.127075043	0.197586894	-0.643134983	0.520136517	0.964665379
<i>Tbx15</i>	-0.16981332	1.976128081	-0.085932345	0.931520199	0.994688009
<i>Spag17</i>	-0.067185451	0.377342509	-0.178048987	0.858684504	0.992886758
<i>Wdr3</i>	-0.315747231	0.210466918	-1.50022262	0.133556746	0.827800491
<i>Gdap2</i>	-0.30112569	0.195672731	-1.53892517	0.123822566	0.820382953
<i>Fam46c</i>	-0.312663112	0.221968414	-1.408592807	0.158955607	0.855986074
<i>Man1a2</i>	-0.121423943	0.113225661	-1.07240657	0.283537458	0.905916508
<i>Vtcn1</i>	-0.160659627	0.217457348	-0.738809832	0.460022481	0.953083512
<i>Trim45</i>	0.126123545	0.350688509	0.359645502	0.719112252	0.988585656
<i>Ttf2</i>	0.107905384	0.330345864	0.326643664	0.743937414	0.988585656
<i>Cd101</i>	0.611495842	0.371870163	1.644379955	0.100097743	0.788783372
<i>Ptgrn</i>	0.035552117	0.15474465	0.229746983	0.818288384	0.992734473
<i>Cd2</i>	0.203047033	0.179609706	1.130490312	0.258269678	0.897248195
<i>Igsf3</i>	0.237695067	0.402267005	0.590888798	0.554594932	0.968926429
<i>Atp1a1</i>	0.053527227	0.135033988	0.39639818	0.691811308	0.986464472
<i>Mab21l3</i>	0.487015581	1.108155466	0.439483083	0.660311537	0.979924124
<i>Slc22a15</i>	-0.202206401	0.251976638	-0.802480748	0.42227492	0.943415794
<i>Casq2</i>	0.393103919	0.318686618	1.233512475	0.217384625	0.887633697
<i>Vangl1</i>	-0.248931365	0.325186799	-0.765502678	0.443972272	0.948476747
<i>Ngf</i>	-0.151238024	0.825589606	-0.183187898	0.85465059	0.992886758
<i>Tspan2os</i>	0.086364744	0.799599186	0.108010045	0.913987724	0.994688009
<i>Tspan2</i>	-0.137666641	0.093928458	-1.465654219	0.142742512	0.840741274
<i>Tshb</i>	-0.41880959	0.783131397	-0.534788404	0.592796183	0.974001549
<i>Sycp1</i>	4.008627915	1.835867985	2.18350554	0.028998601	0.64858361
<i>Nr1h5</i>	0.62637584	1.79285362	0.349373665	0.726808801	0.988585656
<i>Sike1</i>	0.252894151	0.15040312	1.681442181	0.092677058	0.775044718
<i>Csde1</i>	0.133985304	0.091991388	1.456498331	0.145254911	0.842729381
<i>Nras</i>	0.012645777	0.099270478	0.127387085	0.898634037	0.994364545
<i>Ampd1</i>	0.423292498	0.35227457	1.201598224	0.22951923	0.895404344
<i>Dennd2c</i>	0.1034761	0.287613771	0.359774497	0.719015776	0.988585656
<i>Bcas2</i>	0.289840791	0.139781595	2.073526136	0.038123341	0.679118604
<i>Trim33</i>	-0.088808609	0.165369448	-0.537031541	0.591245827	0.974001549
<i>Syt6</i>	0.990964173	0.608847213	1.627607308	0.103608178	0.79155232
<i>Olfml3</i>	-0.069877546	0.167016779	-0.41838638	0.675664643	0.983549699
<i>Hipk1</i>	0.011298092	0.130561503	0.086534633	0.931041426	0.994688009
<i>Dclre1b</i>	0.046970474	0.205021745	0.229099964	0.818791221	0.992734473
<i>Ap4b1</i>	0.026170999	0.145125221	0.180333916	0.856890431	0.992886758
<i>Bcl2l15</i>	-1.174560905	1.695451365	-0.692771807	0.488452768	0.958481967
<i>Ptpn22</i>	0.074911332	0.381349716	0.196437361	0.844267856	0.992886758
<i>Rsb1</i>	-0.54406212	0.249337508	-2.182030789	0.02910726	0.64858361
<i>Phf10s</i>	-1.024484649	1.233039669	-0.830861062	0.406052123	0.939557159
<i>Phf1</i>	-0.15510062	0.138973547	-1.116044195	0.264403217	0.89768067
<i>Magi3</i>	-0.074730851	0.152388966	-0.49039542	0.623854117	0.975903684
<i>Lrig2</i>	-0.127580464	0.230109124	-0.554434616	0.579281441	0.971613657
<i>Slc16a1</i>	-0.055199526	0.174939327	-0.315535257	0.752355286	0.988585656
<i>Ppm1j</i>	0.243489383	0.28286462	0.860798296	0.389349144	0.933734231
<i>Rhoc</i>	0.165194523	0.11200621	1.474869317	0.140247681	0.837748392
<i>Mov10</i>	-0.173296203	0.357372095	-0.484918116	0.627734432	0.976968316

<i>Capza1</i>	0.048288942	0.108072061	0.446821696	0.655003805	0.979133069
<i>St7l</i>	-0.048983855	0.178790544	-0.27397341	0.784105056	0.990988839
<i>Wnt2b</i>	-0.224374465	0.505330171	-0.444015571	0.657031326	0.979614766
<i>Ctnnbp2nl</i>	-0.308062264	0.123743969	-2.489513354	0.012791811	0.531429778
<i>Kcnd3os</i>	0.783219863	1.57305848	0.497896215	0.618557196	0.974471036
<i>Kcnd3</i>	-0.901924034	1.095294668	-0.823453323	0.410250251	0.940983181
<i>Ddx20</i>	-0.009316354	0.208810211	-0.044616369	0.964413095	0.996474415
<i>Fam212b</i>	0.063789812	0.164574202	0.38760517	0.698308242	0.987736745
<i>Rap1a</i>	0.245753569	0.157146056	1.56385451	0.11785174	0.814289188
<i>Gm5547</i>	0.537520634	0.378356138	1.42067375	0.155411627	0.855261441
<i>Tmigd3</i>	-0.443193821	0.435367358	-1.017976686	0.308689036	0.9139204
<i>Adora3</i>	-1.448229553	1.789934006	-0.809096619	0.418459573	0.943415794
<i>I830077J02Rik</i>	0.182554059	0.558276408	0.326995833	0.743671037	0.988585656
<i>Atp5f1</i>	0.11044913	0.152349466	0.72497222	0.468469073	0.953927686
<i>Wdr77</i>	0.021297676	0.167461115	0.127179828	0.898798071	0.994364545
<i>Ovgp1</i>	-0.075013237	0.619197651	-0.121145869	0.903575499	0.994688009
<i>Pifo</i>	-0.042366295	0.184282493	-0.229898643	0.818170531	0.992734473
<i>Chia1</i>	-0.425573556	0.409293268	-1.039776583	0.298443711	0.909779403
<i>Chil3</i>	-1.091160786	0.578946563	-1.88473489	0.059465639	0.724178089
<i>Chil4</i>	-1.392844657	1.69300054	-0.822707745	0.41067421	0.941195652
<i>2010016I18Rik</i>	-0.824352055	2.440670382	-0.337756405	0.735546765	0.988585656
<i>Dennd2d</i>	-0.202491162	0.151338611	-1.338000662	0.180896221	0.868087032
<i>Cept1</i>	0.040167544	0.104834357	0.383152485	0.701606706	0.988482081
<i>Dram2</i>	0.14858114	0.13621669	1.090770453	0.275373901	0.900302631
<i>Lrif1</i>	-0.071690142	0.159563663	-0.449288645	0.653223448	0.979004493
<i>Cd53</i>	0.099701333	0.122258808	0.815494064	0.414789561	0.943415794
<i>Kcna3</i>	-0.333479204	0.549048006	-0.607377133	0.54360066	0.967491297
<i>AI504432</i>	-0.174219352	0.216508122	-0.804678135	0.42100544	0.943415794
<i>Kcna2</i>	0.097873775	0.533352635	0.183506688	0.854400472	0.992886758
<i>Lamtor5</i>	0.382492957	0.188537035	2.028741765	0.0424846	0.68118841
<i>Slc16a4</i>	0.099537656	0.408416825	0.243715856	0.807450892	0.99099448
<i>Rbm15</i>	-0.044164055	0.22339601	-0.197694017	0.843284471	0.992886758
<i>Kcnc4</i>	2.407289552	1.77099203	1.359288755	0.174055106	0.863528862
<i>Slc6a17</i>	-0.308962853	1.081228507	-0.285751671	0.775068326	0.990861469
<i>Strip1</i>	-0.08898471	0.193785053	-0.459192845	0.646095688	0.979004493
<i>Ahcyl1</i>	0.042702395	0.130795011	0.326483361	0.744058676	0.988585656
<i>Csf1</i>	0.103451631	0.182636489	0.566434628	0.571098361	0.971613657
<i>4933431E20Rik</i>	0.344383383	0.691459128	0.498053129	0.618446595	0.974471036
<i>Gstm5</i>	-0.002545406	0.232390591	-0.010953139	0.991260834	0.998770784
<i>Gstm7</i>	-0.12487334	0.260096035	-0.480104741	0.631152917	0.977034429
<i>Gstm6</i>	0.52845878	0.268026217	1.971668241	0.048647491	0.707153766
<i>Gstm3</i>	0.4042775	0.9767809	0.413887598	0.678956427	0.983903958
<i>Gstm2</i>	0.048923414	0.115857991	0.422270517	0.672827576	0.983233856
<i>Gstm1</i>	-0.127123815	0.201999132	-0.629328519	0.529134004	0.965637248
<i>Gstm4</i>	-0.17623635	0.169526866	-1.039577702	0.298536141	0.909779403
<i>Ampd2</i>	-0.350425311	0.30294622	-1.156724489	0.247384941	0.896939594
<i>Gnat2</i>	1.916636142	1.15519013	1.65915211	0.097085145	0.782676152
<i>Gnai3</i>	-0.090608025	0.079485186	-1.139936001	0.254312965	0.897044747
<i>Gpr61</i>	-1.970681709	1.753373574	-1.123937157	0.261039687	0.897248195
<i>Amigo1</i>	0.497946416	0.295139822	1.687154286	0.091573689	0.772516176
<i>Cyb561d1</i>	0.181329578	0.254478438	0.712553801	0.476121908	0.95716557
<i>Atxn7l2</i>	-0.289222135	0.563761258	-0.513022367	0.607935675	0.974001549
<i>Psma5</i>	0.257581505	0.160089567	1.608983715	0.107619903	0.796929372
<i>Sort1</i>	-0.245284066	0.138158499	-1.775381662	0.07583489	0.752876039
<i>Mybphl</i>	-0.202284504	0.402899979	-0.502071271	0.615617388	0.974001549
<i>Psrc1</i>	-0.516057319	0.386124836	-1.336503823	0.181384652	0.86821085
<i>Celsr2</i>	0.039252248	0.631027587	0.062203695	0.95040062	0.99573416
<i>Sars</i>	0.168394893	0.102390194	1.644638863	0.100044307	0.788783372
<i>5330417C22Rik</i>	-0.413010896	0.348120117	-1.186403417	0.235463023	0.896002526
<i>1700013F07Rik</i>	-0.101350511	0.201042133	-0.504125724	0.614173031	0.974001549
<i>Scarna2</i>	5.016651296	1.603908256	3.127766989	0.001761398	0.284736028
<i>Tmem167b</i>	-0.193413577	0.126844629	-1.524807	0.127307244	0.824450458

<i>Taf13</i>	0.083379645	0.143311173	0.581808405	0.560695742	0.968926429
<i>Wdr47</i>	-0.114986567	0.201225189	-0.571432274	0.567706657	0.971054423
<i>Clcc1</i>	0.009884965	0.115526634	0.085564384	0.931812712	0.994688009
<i>Gpsm2</i>	0.153049905	0.29526463	0.518348253	0.604215312	0.974001549
<i>Stxbp3</i>	-0.261844368	0.113924841	-2.298395731	0.021539276	0.608428657
<i>Fndc7</i>	-0.004783805	0.29886459	-0.016006598	0.987229128	0.998148029
<i>Prpf38b</i>	-0.258360476	0.148926087	-1.734823501	0.082772072	0.76099108
<i>Henmt1</i>	-0.892780625	1.47590783	-0.604902696	0.545243652	0.967491297
<i>Fam102b</i>	-0.297958603	0.126908774	-2.34781721	0.018883786	0.590246276
<i>Slc25a24</i>	0.010999551	0.143371284	0.07672074	0.938845705	0.994688009
<i>Vav3</i>	-0.010523913	0.218573666	-0.048148127	0.961598191	0.996474415
<i>Prmt6</i>	0.002599954	0.227603419	0.011423176	0.990885822	0.998770784
<i>Amy1</i>	-0.422427095	0.396006283	-1.066718162	0.286099123	0.905916508
<i>Rnpc3</i>	0.148016231	0.164311323	0.90082794	0.36767981	0.928436166
<i>S1pr1</i>	-0.350270465	0.142742877	-2.453856005	0.014133356	0.54993854
<i>A930005H10Rik</i>	0.310996444	0.247348376	1.257321552	0.208637223	0.884258007
<i>Dph5</i>	0.178517728	0.197938396	0.901885289	0.367117807	0.928284409
<i>Slc30a7</i>	-0.19371326	0.197093378	-0.982850169	0.325681186	0.916443764
<i>Extl2</i>	0.034351177	0.22755043	0.150960723	0.880006699	0.992886758
<i>Vcam1</i>	0.178299098	0.128124924	1.391603539	0.164042487	0.859982992
<i>Gpr88</i>	0.706521812	0.476104492	1.483963759	0.137818535	0.833085238
<i>Cdc14a</i>	-0.293056874	0.138841353	-2.1107319	0.034795362	0.674795441
<i>Rtca</i>	-0.026122023	0.143589542	-0.181921488	0.855644341	0.992886758
<i>Dbt</i>	-0.028418193	0.154918588	-0.183439529	0.854453162	0.992886758
<i>Lrrc39</i>	-0.103388153	0.602212773	-0.171680438	0.863688765	0.992886758
<i>Trmt13</i>	-0.093610485	0.348729525	-0.268432922	0.788366101	0.990988839
<i>Sass6</i>	-0.211163835	0.384405405	-0.549325875	0.582781833	0.972086107
<i>Hiat1</i>	-0.081322997	0.106396252	-0.764340808	0.444664173	0.948476747
<i>Slc35a3</i>	0.031029003	0.154271838	0.201131997	0.840595363	0.992886758
<i>Agl</i>	-0.110717141	0.251420122	-0.440367065	0.659671274	0.979924124
<i>Frrs1</i>	-0.438275438	0.294088964	-1.490281828	0.136150149	0.832457116
<i>Palmd</i>	-0.023064631	0.154325631	-0.149454313	0.881195157	0.992886758
<i>Lppr4</i>	-0.897389482	1.212293632	-0.740241026	0.459153758	0.952683168
<i>Lppr5</i>	1.729895138	1.667830459	1.037212823	0.299636684	0.910105802
<i>Snx7</i>	0.009486483	0.138687453	0.068401881	0.945465725	0.995012175
<i>Dpyd</i>	0.067922272	0.274692063	0.247266963	0.804701625	0.990988839
<i>Ptbp2</i>	0.130724118	0.161292109	0.810480559	0.417664034	0.943415794
<i>6530403H02Rik</i>	-2.305250913	2.234124141	-1.031836535	0.302148701	0.911518274
<i>Rwdd3</i>	0.134168985	0.255261365	0.52561415	0.599156323	0.974001549
<i>Tmem56</i>	-0.393216816	0.18707838	-2.101882729	0.03556355	0.674795441
<i>Alg14</i>	-0.232806875	0.113219185	-2.056249339	0.039758489	0.679118604
<i>Cnn3</i>	-0.225592437	0.139347849	-1.61891582	0.105465376	0.793982106
<i>Slc44a3</i>	-0.36315327	0.168690983	-2.152772267	0.031336581	0.661395937
<i>A730020M07Rik</i>	0.192140624	1.831212798	0.104925339	0.916435052	0.994688009
<i>F3</i>	-0.459447459	0.176602031	-2.601597827	0.00927906	0.478229167
<i>Abcd3</i>	-0.000664969	0.120485735	-0.005519068	0.995596443	0.999285699
<i>Arhgap29</i>	-0.115158188	0.15994839	-0.719970907	0.471542908	0.95486913
<i>Abca4</i>	-0.191771678	0.307374232	-0.623902911	0.532691348	0.96674935
<i>Gclm</i>	-0.07451856	0.170523941	-0.436997644	0.662113057	0.980647283
<i>Dnttip2</i>	0.003738237	0.108052495	0.034596486	0.972401503	0.996790728
<i>Mir760</i>	-0.181059284	0.954680949	-0.189654234	0.849580086	0.992886758
<i>Bcar3</i>	-0.32417583	0.189820422	-1.707802702	0.087672957	0.766704005
<i>Fnbp1l</i>	-0.100391101	0.128571182	-0.780821167	0.434907683	0.946762848
<i>Pde5a</i>	-0.043931786	0.15403628	-0.285204146	0.775487745	0.990861469
<i>4933405D12Rik</i>	1.158114154	1.244646973	0.930476013	0.352124678	0.923082865
<i>Fabp2</i>	0.125352057	1.330375648	0.094223055	0.924931971	0.994688009
<i>1810037I17Rik</i>	0.462170496	0.252514982	1.830269604	0.067209634	0.741440336
<i>Usp53</i>	-0.480925288	0.254634201	-1.888690858	0.058933264	0.72285319
<i>Myoz2</i>	0.295976115	0.296622639	0.997820382	0.318366465	0.91640698
<i>Synpo2</i>	-0.14305154	0.303408445	-0.471481734	0.637296761	0.977284137
<i>Sec24d</i>	-0.156682919	0.190761963	-0.821353042	0.411445203	0.941762685
<i>Mettl14</i>	0.077766663	0.207648538	0.374511008	0.708024169	0.988585656

<i>Prss12</i>	-0.146245002	0.247344893	-0.591259437	0.554346604	0.968926429
<i>Snhg8</i>	0.409560422	0.216197778	1.894378493	0.058174789	0.72285319
<i>Tram1l1</i>	0.38255671	0.934397945	0.409415188	0.682234996	0.984738223
<i>Ndst4</i>	1.110990163	1.302832215	0.852749994	0.39379796	0.933796635
<i>Ugt8a</i>	-0.859116754	0.451813545	-1.901485165	0.057238494	0.721735927
<i>Arsj</i>	-0.003130691	0.317902293	-0.009847965	0.992142587	0.998800761
<i>Camk2d</i>	-0.033135229	0.15367499	-0.215618879	0.829284839	0.992886758
<i>Ank2</i>	0.775444017	0.899989912	0.861614121	0.388899898	0.933485538
<i>Larp7</i>	-0.539177004	0.256555767	-2.101597675	0.035588534	0.674795441
<i>Zgrf1</i>	0.662648409	0.572073356	1.15832769	0.246730335	0.896939594
<i>Alpk1</i>	-0.195824361	0.340143745	-0.575710604	0.564810807	0.969658675
<i>Tifa</i>	0.067255504	0.165053612	0.407476715	0.683657893	0.984831694
<i>Ap1ar</i>	0.008029307	0.145619676	0.05513889	0.956027814	0.99614946
<i>5730508B09Rik</i>	0.246284386	0.131625173	1.871103982	0.06133067	0.72551838
<i>9830132P13Rik</i>	-0.623976621	1.888346022	-0.330435531	0.741070898	0.988585656
<i>Pitx2</i>	1.069562997	1.288133644	0.830319899	0.406357941	0.939557159
<i>Enpep</i>	-0.162157353	0.138488566	-1.170907878	0.241635808	0.896939594
<i>Elovl6</i>	-0.587715003	0.323530388	-1.816568165	0.069283262	0.743426713
<i>Egf</i>	1.437744845	0.766568055	1.875560605	0.06071564	0.725221283
<i>6330410L21Rik</i>	-0.644112607	1.945186116	-0.331131608	0.740545077	0.988585656
<i>Gar1</i>	-0.432732765	0.269633631	-1.604891658	0.10851765	0.798150849
<i>Cfi</i>	-0.103208199	0.523369248	-0.197199585	0.843671355	0.992886758
<i>Pla2g12a</i>	0.312307476	0.208234407	1.499788053	0.133669313	0.827800491
<i>Casp6</i>	-0.034770641	0.107548888	-0.323300797	0.74646745	0.988585656
<i>Ccdc109b</i>	0.349635019	0.160141434	2.18328892	0.02901454	0.64858361
<i>Sec24b</i>	-0.103417978	0.198806673	-0.520193698	0.602928577	0.974001549
<i>Col25a1</i>	-2.252109282	2.293996849	-0.981740355	0.326227779	0.916800143
<i>Ostc</i>	0.174715369	0.153592316	1.137526752	0.255318148	0.897044747
<i>Rpl34</i>	0.467600357	0.726936178	0.643248158	0.52006309	0.964665379
<i>Lef1</i>	0.573564251	0.515973812	1.111615041	0.266303703	0.89768067
<i>Hadh</i>	0.270432467	0.145113013	1.863599004	0.062378038	0.727399211
<i>Cyp2u1</i>	-0.168501102	0.874191375	-0.192750817	0.847154123	0.992886758
<i>Sgms2</i>	-0.084865297	0.305510343	-0.277782076	0.781179651	0.990988839
<i>Papss1</i>	-0.310960972	0.174052726	-1.786590642	0.074003675	0.750704981
<i>Dkk2</i>	0.223317033	0.744608836	0.299911876	0.764244376	0.989384061
<i>Aimp1</i>	0.276721749	0.157785733	1.753781818	0.0794679	0.75659671
<i>Tbck</i>	0.187695883	0.2345789	0.800139668	0.42362988	0.94351935
<i>Gm29811</i>	-0.82803642	0.992093518	-0.834635451	0.403922996	0.937834293
<i>Npnt</i>	0.093925627	0.114278123	0.821903829	0.411131634	0.941701842
<i>Gstcd</i>	-0.111844628	0.180811169	-0.618571454	0.536198712	0.96674935
<i>Ints12</i>	0.182995386	0.134471538	1.360848457	0.173561585	0.863528862
<i>Arhgef38</i>	-0.429357944	0.335725747	-1.278894895	0.20093407	0.881109608
<i>Ppa2</i>	-0.088451831	0.110402135	-0.801178628	0.423028242	0.943509323
<i>Tet2</i>	0.099634525	0.318950146	0.312382753	0.754749656	0.98902053
<i>Cxxc4</i>	0.316656299	0.383820491	0.825011447	0.409365092	0.940886864
<i>Cenpe</i>	-0.696301165	1.269988375	-0.548273652	0.583504016	0.972174584
<i>Bdh2</i>	-0.130858504	0.484321612	-0.270189273	0.787014645	0.990988839
<i>Slc9b2</i>	1.142958608	0.830157673	1.376797019	0.168575013	0.861597949
<i>Cisd2</i>	0.221836111	0.18294668	1.212572493	0.225293311	0.893255444
<i>4930539J05Rik</i>	-0.209728513	0.354281413	-0.59198283	0.553862086	0.968926429
<i>Ube2d3</i>	0.01577833	0.139937516	0.112752677	0.910226637	0.994688009
<i>Manba</i>	-0.087239166	0.162885666	-0.535585284	0.592245201	0.974001549
<i>Nfkb1</i>	-0.171515595	0.163120141	-1.051467919	0.293043736	0.907334416
<i>Slc39a8</i>	0.071533284	0.103294755	0.692516132	0.488613259	0.95849918
<i>Bank1</i>	0.024182891	0.390904202	0.061863984	0.950671149	0.99573416
<i>Ppp3ca</i>	0.073076184	0.103783216	0.704123337	0.481355968	0.957463006
<i>Emcn</i>	-0.065113123	0.114486424	-0.568740997	0.569531922	0.97144955
<i>Ddit4l</i>	-0.028122006	0.262233556	-0.107240303	0.914598343	0.994688009
<i>H2afz</i>	0.392382746	0.150806072	2.601902829	0.009270812	0.478229167
<i>Dnajb14</i>	-0.233440533	0.213095908	-1.095471682	0.273310045	0.89897004
<i>Lamtor3</i>	0.044325621	0.151909918	0.291788853	0.770448069	0.989990452
<i>Dapp1</i>	0.125097774	0.208420318	0.600218708	0.548360487	0.968738549

<i>Mttp</i>	-0.272358951	0.328628574	-0.828774403	0.407232075	0.939557159
<i>Trmt10a</i>	-0.160103069	0.221713165	-0.722118005	0.470221929	0.95486913
<i>Adh7</i>	-0.023491667	0.16655734	-0.141042518	0.887836353	0.992886758
<i>Adh1</i>	-0.104295105	0.125344757	-0.832065952	0.405371719	0.939557159
<i>Adh5</i>	0.039802344	0.118391979	0.336191223	0.736726671	0.988585656
<i>Metap1</i>	0.167070409	0.153295948	1.08985535	0.275776868	0.900302631
<i>Eif4e</i>	0.158656686	0.127985741	1.239643458	0.215107299	0.887555439
<i>Tspan5</i>	-0.142940027	0.151351261	-0.944425743	0.344952131	0.92132235
<i>Rap1gds1</i>	-0.029965091	0.176904276	-0.169385904	0.86549311	0.992886758
<i>Unc5c</i>	0.787205919	0.484581908	1.624505384	0.104267992	0.79155232
<i>Bmpr1b</i>	0.049397845	0.299100964	0.165154416	0.868822443	0.992886758
<i>Pdlim5</i>	-0.270482766	0.126429365	-2.139398283	0.032403426	0.665167506
<i>Gbp5</i>	0.138186513	0.342568961	0.403383051	0.686666453	0.98538669
<i>Gbp7</i>	0.142932778	0.164811756	0.867248681	0.385805768	0.931950108
<i>Gbp3</i>	0.325470087	0.131383275	2.477256613	0.013239667	0.539384266
<i>Gbp2b</i>	0.504517651	0.7307017	0.690456381	0.489907231	0.958560421
<i>Gbp2</i>	0.146942128	0.157553437	0.932649462	0.351000986	0.922414914
<i>Ccbl2</i>	-0.050796035	0.259441372	-0.195790034	0.844774511	0.992886758
<i>Gtf2b</i>	0.035835257	0.115291778	0.310822314	0.755935705	0.989266039
<i>Pkn2</i>	-0.01390403	0.108106253	-0.128614488	0.897662702	0.994101834
<i>A830019L24Rik</i>	-0.507380926	1.146441114	-0.44257042	0.658076484	0.979614766
<i>Lmo4</i>	0.066523114	0.110736139	0.600735355	0.548016267	0.968738549
<i>Hs2st1</i>	-0.249947628	0.094571827	-2.642939625	0.008218969	0.46696668
<i>Sep-15</i>	0.259663115	0.260755707	0.995809903	0.319342518	0.91640698
<i>Sh3glb1</i>	-0.042465814	0.083550372	-0.508266006	0.611266806	0.974001549
<i>Clca3a1</i>	-0.126801163	0.310777628	-0.408012519	0.683264484	0.984738223
<i>Clca1</i>	-1.071478383	1.01234902	-1.05840808	0.289869438	0.907334416
<i>Clca2</i>	1.671437604	1.902457425	0.878567679	0.379635727	0.929185635
<i>Odf2l</i>	-0.094899882	0.161664124	-0.587018812	0.557191072	0.968926429
<i>Znhit6</i>	-0.02437887	0.235843728	-0.103368746	0.917670316	0.994688009
<i>Cyr61</i>	0.416016347	0.516295012	0.805772547	0.42037401	0.943415794
<i>Ddah1</i>	-0.158622159	0.243665173	-0.650984123	0.515056736	0.964352198
<i>Bcl10</i>	0.063252657	0.093580612	0.675916252	0.499093819	0.960700483
<i>2410004B18Rik</i>	0.203168207	0.162311964	1.251714304	0.210673986	0.884340413
<i>Syde2</i>	-0.162185786	0.236402354	-0.686058254	0.492676375	0.958916246
<i>Wdr63</i>	-0.466413291	0.232761082	-2.00382851	0.045088434	0.693181597
<i>Mcoln3</i>	-0.026301694	0.409216841	-0.064273243	0.948752658	0.99560893
<i>Mcoln2</i>	0.323704863	0.568477054	0.569424677	0.569067974	0.97144955
<i>Lpar3</i>	-0.208384873	0.208212929	-1.000825808	0.31691103	0.91640698
<i>Ssx2ip</i>	-0.056914351	0.200836828	-0.283386029	0.776880937	0.990861469
<i>Ctbs</i>	-0.175177788	0.127630838	-1.372534962	0.169896963	0.861730117
<i>Spata1</i>	-0.173532489	0.300394772	-0.577681454	0.563479202	0.969658675
<i>Gng5</i>	-0.08123388	0.13602132	-0.597214321	0.550364299	0.968926429
<i>Rpf1</i>	0.115451812	0.148463629	0.77764374	0.436779068	0.946762848
<i>Uox</i>	0.210454238	0.314176922	0.669858997	0.50294768	0.961729397
<i>4930503B20Rik</i>	0.361678855	1.225185858	0.295203256	0.767838614	0.989990452
<i>Prkacb</i>	-0.156441728	0.118071923	-1.324969763	0.18518118	0.871716376
<i>Ttll7</i>	-0.072943416	0.148889134	-0.489917662	0.624192165	0.975969024
<i>Adgrl2</i>	0.191332479	0.188228037	1.016492985	0.309394686	0.9139204
<i>Gm1653</i>	1.785507324	1.394809313	1.280108548	0.200506963	0.880888611
<i>Adgrl4</i>	-0.09803182	0.106116475	-0.923813389	0.355583483	0.924354588
<i>Ifi44</i>	0.081012196	0.249765821	0.324352609	0.745671094	0.988585656
<i>Ptgr</i>	0.036031735	0.1812281	0.198819805	0.842403703	0.992886758
<i>Gipc2</i>	-0.049548229	0.12167668	-0.407212207	0.683852136	0.985024599
<i>Dnajb4</i>	-0.110860402	0.139074557	-0.797129287	0.425375949	0.944290206
<i>Fubp1</i>	-0.123259403	0.108026396	-1.141011893	0.253864974	0.897044747
<i>Nexn</i>	0.084134298	0.230647881	0.364773775	0.715280283	0.988585656
<i>Fam73a</i>	-0.127926136	0.194322109	-0.658320025	0.510332513	0.963452765
<i>Usp33</i>	-0.106971214	0.117357286	-0.911500407	0.362031771	0.926455466
<i>Zzz3</i>	-0.074682932	0.136991953	-0.545162915	0.585641475	0.972904784
<i>Ak5</i>	-1.040163153	0.607933197	-1.710982651	0.087084316	0.765418158
<i>Pigk</i>	-0.016800115	0.123104974	-0.13646983	0.891449873	0.993043931

<i>St6galnac5</i>	-0.601511187	0.859478853	-0.699855715	0.484017416	0.957710647
<i>St6galnac3</i>	-0.040943967	0.147590088	-0.27741678	0.781460099	0.990988839
<i>Rabggtb</i>	0.128069888	0.130168675	0.98387641	0.325176284	0.91640698
<i>Acadm</i>	0.020103275	0.089375103	0.22493149	0.822032572	0.992886758
<i>Slc44a5</i>	1.334645808	1.847770089	0.722300797	0.470109563	0.95486913
<i>Tyw3</i>	0.447580688	0.46846945	0.95541062	0.339370085	0.919246575
<i>Cryz</i>	0.203762922	0.179680099	1.134031668	0.256781264	0.897248195
<i>Erich3</i>	-0.221876563	0.786254433	-0.282194355	0.777794486	0.990988839
<i>Tnni3k</i>	0.301034589	0.897064682	0.33557735	0.737189607	0.988585656
<i>Fpgt</i>	-0.132229785	0.145844431	-0.906649536	0.364592157	0.926556975
<i>Lrriq3</i>	-0.182216931	0.334031431	-0.545508337	0.585403948	0.972904784
<i>4930570G19Rik</i>	1.098778871	1.13228796	0.970405859	0.331844229	0.917115058
<i>Negr1</i>	0.191612258	0.369650051	0.518361239	0.604206253	0.974001549
<i>Zranb2</i>	0.144881061	0.133054907	1.088881758	0.276206032	0.900302631
<i>Mir186</i>	-1.029451068	3.189316771	-0.322781066	0.746861053	0.988585656
<i>Ptger3</i>	-0.01110708	0.599224892	-0.018535746	0.985211462	0.998148029
<i>Cth</i>	-0.333957302	0.249033336	-1.341014446	0.179915763	0.868087032
<i>Ankrd13c</i>	0.000814041	0.117216152	0.006944782	0.994458911	0.999285699
<i>Srsf11</i>	-0.025314144	0.097566403	-0.259455542	0.79528378	0.990988839
<i>Lrrc40</i>	-0.086468355	0.167448652	-0.516387289	0.605583942	0.974001549
<i>Depdc1a</i>	-0.408444012	0.457671295	-0.892439655	0.372157324	0.928840865
<i>Wls</i>	-0.098300753	0.109558444	-0.897244877	0.369588263	0.928436166
<i>Tmem68</i>	0.141209493	0.16659592	0.847616755	0.39665144	0.934469184
<i>Tgs1</i>	0.039160026	0.236222982	0.16577568	0.868333486	0.992886758
<i>Lyn</i>	-0.144414481	0.164590866	-0.877414914	0.380261315	0.929640874
<i>Rps20</i>	0.187713168	0.126212528	1.487278411	0.136941294	0.833085238
<i>Plag1</i>	-0.527037737	1.153437754	-0.456927766	0.647722966	0.979004493
<i>Chchd7</i>	0.402304619	0.144607675	2.782041949	0.005401806	0.412127487
<i>Penk</i>	-0.47988538	0.353344301	-1.358124016	0.174424336	0.863528862
<i>Impad1</i>	-0.258843942	0.157869695	-1.639605001	0.101087323	0.788783372
<i>Fam110b</i>	0.100640477	0.369872099	0.272095348	0.785548707	0.990988839
<i>Ubxn2b</i>	0.034088415	0.169622796	0.200966002	0.840725158	0.992886758
<i>Sdcbp</i>	-0.118275712	0.085088484	-1.390031963	0.164519172	0.859982992
<i>Nsmaf</i>	-0.004944863	0.121629438	-0.040655152	0.967570816	0.996474415
<i>Tox</i>	0.107652052	1.038307308	0.103680338	0.917423031	0.994688009
<i>Car8</i>	-0.048545854	0.165721717	-0.292935981	0.769571085	0.989990452
<i>Rab2a</i>	0.029661361	0.091329682	0.324772412	0.745353325	0.988585656
<i>Chd7</i>	0.418041247	0.376991664	1.108887242	0.267478828	0.89804647
<i>Clvs1</i>	-0.902357635	1.478417853	-0.610353584	0.541627609	0.96731065
<i>Asph</i>	-0.211522054	0.135481453	-1.561262079	0.118461927	0.814755048
<i>4930412C18Rik</i>	0.432874376	0.2580421	1.677533923	0.093438122	0.775558829
<i>Gdf6</i>	1.043299518	1.795350166	0.581111996	0.561164975	0.969333531
<i>2610301B20Rik</i>	-0.337147753	0.142086323	-2.37283749	0.017652029	0.579835303
<i>Plekhhf2</i>	-0.023129075	0.122283635	-0.18914285	0.849980858	0.992886758
<i>Ndufaf6</i>	0.299598428	0.245399223	1.220861353	0.222138519	0.892391445
<i>Trp53inp1</i>	-0.348976852	0.183729217	-1.899408582	0.057510776	0.721735927
<i>Ccne2</i>	0.303473418	0.395481723	0.76735131	0.442872669	0.948476747
<i>Ints8</i>	-0.134828013	0.137605601	-0.97981486	0.327177515	0.916882624
<i>Dpy19l4</i>	-0.019307213	0.203865315	-0.094705725	0.92454857	0.994688009
<i>Esrp1</i>	-0.416901884	0.304364556	-1.369745179	0.17076646	0.86244803
<i>1110037F02Rik</i>	-0.297572801	0.163640539	-1.818454051	0.068994764	0.743426713
<i>Rad54b</i>	-0.106975495	0.924527663	-0.115708268	0.907883753	0.994688009
<i>Fsbp</i>	2.705083584	2.352709238	1.149773861	0.250237024	0.896939594
<i>Gem</i>	0.052296794	0.160820798	0.325186759	0.74503973	0.988585656
<i>Cdh17</i>	-0.141957968	1.370559949	-0.103576621	0.917505342	0.994688009
<i>Pdp1</i>	-0.21952865	0.135519236	-1.619907675	0.105252111	0.793982106
<i>1700123M08Rik</i>	0.027656284	0.47560228	0.058150025	0.953629128	0.996070133
<i>Tmem67</i>	-0.096849924	0.203072949	-0.476921837	0.633417782	0.977034429
<i>Rbm12b2</i>	-0.090327561	0.249543512	-0.361971186	0.717373563	0.988585656
<i>Rbm12b1</i>	-0.110280534	0.264207321	-0.417401506	0.676384753	0.983549699
<i>Fam92a</i>	0.146421286	0.180229885	0.812414023	0.416554102	0.943415794
<i>Triqk</i>	0.123678861	0.200533679	0.616748579	0.537400573	0.96674935

<i>Runx1t1</i>	0.818812609	0.522909118	1.565879388	0.117376856	0.812881672
<i>Otud6b</i>	-0.115600185	0.103358985	-1.118433826	0.263381754	0.897248195
<i>Tmem55a</i>	-0.14692948	0.138412864	-1.061530522	0.288448869	0.907334416
<i>Gm11837</i>	-0.133364703	0.485895571	-0.274471946	0.78372196	0.990988839
<i>Tmem64</i>	-0.198820724	0.14868967	-1.33715223	0.181172951	0.868087032
<i>Decr1</i>	0.091125618	0.101871345	0.894516692	0.371045503	0.928788832
<i>Nbn</i>	-0.044428825	0.146107676	-0.304082757	0.761064843	0.989266039
<i>Osgin2</i>	0.02839786	0.163224739	0.173980122	0.861881084	0.992886758
<i>Ripk2</i>	-0.267096164	0.23162122	-1.153159302	0.248845005	0.896939594
<i>A530072M11Rik</i>	0.312566678	0.498263565	0.62731193	0.530454785	0.966026275
<i>Mmp16</i>	1.83325878	1.109717633	1.652004731	0.098533587	0.786907305
<i>Cpne3</i>	-0.272295089	0.147650493	-1.844186795	0.065155922	0.734162002
<i>Rmdn1</i>	0.331801581	0.217339333	1.526652245	0.126847508	0.824450458
<i>Wwp1</i>	-0.174034039	0.111635195	-1.558953159	0.119007467	0.814755048
<i>Slc7a13</i>	-0.869703451	1.513964684	-0.574454253	0.565660449	0.970061308
<i>Atp6v0d2</i>	-0.126620949	0.220680363	-0.573775335	0.566119841	0.970328402
<i>Ttpa</i>	-0.24277245	0.229331199	-1.058610649	0.289777135	0.907334416
<i>Ggh</i>	0.161057912	0.265047226	0.607657413	0.543414714	0.967491297
<i>Ccnc</i>	0.041534818	0.114977917	0.361241694	0.717918776	0.988585656
<i>Tstd3</i>	0.448035643	0.213776647	2.095811915	0.036098879	0.675901831
<i>Usp45</i>	-0.285964487	0.161106983	-1.774997463	0.075898306	0.752876039
<i>Pnlsr</i>	-0.027395969	0.159298841	-0.171978457	0.863454465	0.992886758
<i>Coq3</i>	0.265499132	0.215640629	1.231211079	0.218243929	0.888436964
<i>Faxc</i>	0.08833937	0.531804351	0.166112537	0.868068389	0.992886758
<i>Fbxl4</i>	-0.128973556	0.140584844	-0.917407256	0.358929272	0.925199968
<i>Mms22l</i>	0.051634601	0.481404346	0.107258278	0.914584083	0.994688009
<i>Klhl32</i>	-0.409125288	0.581873975	-0.703116663	0.481983049	0.957463006
<i>Ndufaf4</i>	-0.083625367	0.170591541	-0.490208171	0.623986599	0.97593919
<i>Fhl5</i>	3.141001587	2.151748728	1.459743671	0.144360535	0.841934045
<i>Ufl1</i>	-0.028560382	0.128724744	-0.22187173	0.824413738	0.992886758
<i>Fut9</i>	-1.111653495	0.779910962	-1.425359495	0.15405331	0.854159937
<i>Manea</i>	-0.122536402	0.141668145	-0.864953807	0.387064143	0.932858077
<i>Epha7</i>	-0.025813516	0.341102552	-0.075676701	0.939676313	0.994688009
<i>Map3k7</i>	-0.463849275	0.12393247	-3.742758259	0.000182011	0.082547186
<i>Bach2</i>	0.309511939	0.483198991	0.640547568	0.521816675	0.965211168
<i>Casp8ap2</i>	-0.110534678	0.20155415	-0.548411818	0.583409164	0.972174584
<i>Mdn1</i>	-0.214158988	0.311251067	-0.688058646	0.491415851	0.958916246
<i>Lym2</i>	0.37203392	0.156001625	2.384807972	0.017088038	0.573539012
<i>Ankrd6</i>	0.3460086	0.470583781	0.735275234	0.462171888	0.953083512
<i>Rragd</i>	-0.217093924	0.195426587	-1.110872004	0.266623447	0.89768067
<i>4933421O10Rik</i>	0.204180443	0.174420449	1.170622161	0.241750686	0.896939594
<i>Ube2j1</i>	-0.333062296	0.115899481	-2.873716883	0.004056724	0.378480793
<i>Pm20d2</i>	-0.491173772	0.313158885	-1.568449102	0.116776359	0.812418014
<i>Srsf12</i>	1.103451623	2.027521074	0.544236821	0.586278517	0.972904784
<i>Pnrc1</i>	0.282097916	0.155716182	1.811615926	0.070045562	0.744227652
<i>Rngtt</i>	0.077510448	0.150302157	0.515697508	0.606065696	0.974001549
<i>Cnr1</i>	-0.146245802	0.528654486	-0.276637777	0.782058254	0.990988839
<i>Spaca1</i>	-0.03020089	0.638377382	-0.047308835	0.962267087	0.996474415
<i>Akirin2</i>	-0.015646274	0.131682461	-0.118818209	0.905419382	0.994688009
<i>Orc3</i>	-0.078220746	0.135019301	-0.579330106	0.562366455	0.969658675
<i>Rars2</i>	-0.007345045	0.134833264	-0.054475025	0.956556706	0.996217474
<i>Slc35a1</i>	0.11751126	0.113633919	1.034121336	0.301079443	0.911162941
<i>1700003M02Rik</i>	-0.225080142	0.167497042	-1.34378577	0.179017672	0.867377413
<i>Smim8</i>	0.217303528	0.196781026	1.104291062	0.269466899	0.89804647
<i>Zfp292</i>	-0.054411553	0.242493911	-0.224383173	0.822459163	0.992886758
<i>Mob3b</i>	-0.453916414	0.263853402	-1.720335652	0.085371446	0.761635307
<i>3110043O21Rik</i>	-0.073790418	0.137094765	-0.538243876	0.590408693	0.974001549
<i>Aco1</i>	-0.060078538	0.160050664	-0.375372001	0.707383825	0.988585656
<i>Ddx58</i>	-0.050021165	0.286226758	-0.174760618	0.861267734	0.992886758
<i>Topors</i>	-0.135398072	0.142355628	-0.951125525	0.341540659	0.919850248
<i>Toporsos</i>	-0.529369506	1.010724353	-0.523752598	0.600450627	0.974001549
<i>Ndufb6</i>	0.430504893	0.193912489	2.22009884	0.026412059	0.632301593

<i>Tmem215</i>	0.293843341	1.037830788	0.283132226	0.777075479	0.990861469
<i>Aptx</i>	0.199670858	0.136089624	1.467201187	0.142321334	0.840741274
<i>Gm6297</i>	0.189583929	0.560685336	0.338128923	0.735266036	0.988585656
<i>Dnaja1</i>	-0.313521498	0.189818974	-1.651686821	0.098598411	0.786907305
<i>Smu1</i>	-0.11897414	0.122053022	-0.974774225	0.329672265	0.917115058
<i>B4galt1</i>	-0.137735592	0.12553511	-1.097187803	0.272559304	0.898460682
<i>Spink4</i>	0.290911933	0.334746098	0.8690525	0.384818416	0.931689378
<i>Bag1</i>	0.138628368	0.119994959	1.155284926	0.247973767	0.896939594
<i>Chmp5</i>	0.177721724	0.100790859	1.763272249	0.077854583	0.754202
<i>Nfx1</i>	0.000607071	0.10547126	0.005755792	0.995407568	0.999285699
<i>Aqp7</i>	0.936753348	1.778542665	0.526697147	0.598403917	0.974001549
<i>Aqp3</i>	-0.796578246	0.770534521	-1.033799557	0.301229879	0.911280384
<i>Nol6</i>	0.245056001	0.353381902	0.693459397	0.488021298	0.958288569
<i>Ube2r2</i>	0.060086549	0.103167959	0.582414825	0.560287298	0.968926429
<i>Ubap2</i>	-0.424964941	0.272665777	-1.558556214	0.119101453	0.814755048
<i>Dcaf12</i>	-0.155718803	0.114128278	-1.364419099	0.1724357	0.86244803
<i>Ubap1</i>	0.14751611	0.113281609	1.302207052	0.192845615	0.879588734
<i>Kif24</i>	-0.655249499	0.823452163	-0.795734747	0.426186226	0.944290206
<i>Nudt2</i>	0.357357972	0.161668245	2.210440106	0.027074633	0.635474249
<i>Al464131</i>	0.260753916	0.292696498	0.890867907	0.373000039	0.928840865
<i>1110017D15Rik</i>	0.13880049	0.165405679	0.839151902	0.401384074	0.937807351
<i>Fam219aos</i>	0.542402141	0.434580184	1.248106013	0.211992236	0.884945675
<i>Fam219a</i>	0.04791073	0.288390716	0.166131318	0.868053608	0.992886758
<i>Dnaic1</i>	-0.273891248	0.266476483	-1.027825216	0.304032053	0.911786415
<i>Enho</i>	-0.00197563	0.183529913	-0.010764621	0.991411241	0.998770784
<i>Cntfr</i>	0.213203928	0.668186454	0.319078495	0.749666991	0.988585656
<i>Rpp25l</i>	-0.087387774	0.231641686	-0.377254092	0.705984785	0.988585656
<i>Dctn3</i>	0.012130527	0.168426419	0.07202271	0.942583834	0.994688009
<i>Sigmar1</i>	0.08449833	0.16321778	0.517702976	0.604665522	0.974001549
<i>Galt</i>	0.04199853	0.152787427	0.27488211	0.783406812	0.990988839
<i>Il11ra1</i>	0.076742409	0.132986177	0.577070573	0.563891782	0.969658675
<i>Ccl27a</i>	0.44905684	0.252735129	1.776788382	0.075603064	0.752876039
<i>Fam205c</i>	-0.673361848	1.353098687	-0.497644299	0.618734774	0.974471036
<i>Phf24</i>	-0.528590924	0.383792659	-1.377282529	0.168424915	0.861597949
<i>Dnajb5</i>	-0.43232791	0.297144973	-1.454939336	0.145686057	0.842832198
<i>Vcp</i>	-0.14344302	0.148364667	-0.966827364	0.333630343	0.917554801
<i>Fancg</i>	-0.124735867	0.35507055	-0.351298825	0.725364176	0.988585656
<i>Pigo</i>	-0.072282661	0.332181513	-0.217599891	0.82774087	0.992886758
<i>Stoml2</i>	0.066095535	0.112375968	0.588164316	0.556422007	0.968926429
<i>Fam214b</i>	-0.097814766	0.150982313	-0.647855791	0.517078227	0.964352198
<i>Unc13b</i>	0.176143595	0.22849683	0.770879821	0.440778169	0.948068187
<i>Atp8b5</i>	0.565881544	0.622607413	0.908889827	0.363408284	0.926455466
<i>Rusc2</i>	-0.208140324	0.162064384	-1.284306386	0.199034773	0.880661448
<i>Fam166b</i>	0.009319243	0.196681273	0.047382463	0.962208405	0.996474415
<i>Tesk1</i>	-0.178860145	0.287150907	-0.622878564	0.533364326	0.96674935
<i>Cd72</i>	0.048350416	0.440203563	0.109836495	0.912539047	0.994688009
<i>Sit1</i>	-0.451925195	0.495235962	-0.912545189	0.361481792	0.926371563
<i>Rmrp</i>	3.471569667	1.287497344	2.696370353	0.007009968	0.452031612
<i>Ccdc107</i>	0.272746255	0.203579961	1.33975001	0.180326633	0.868087032
<i>Arhgef39</i>	-0.176068332	0.533147567	-0.33024315	0.741216245	0.988585656
<i>Car9</i>	-0.498336239	0.380359944	-1.310170132	0.190138287	0.876945711
<i>Tpm2</i>	-0.01821746	0.129149059	-0.141057627	0.887824418	0.992886758
<i>Tln1</i>	0.133037768	0.17698988	0.751668782	0.452250269	0.949574349
<i>Creb3</i>	0.123504722	0.131059573	0.942355594	0.346010614	0.921552698
<i>Gba2</i>	-0.030545616	0.222949636	-0.1370068	0.89102542	0.993043931
<i>Rgp1</i>	0.1195818	0.246677134	0.48477051	0.627839144	0.976968316
<i>Npr2</i>	0.004056498	0.147459098	0.02750931	0.978053515	0.997262526
<i>Spag8</i>	-0.247672369	0.205526052	-1.205065568	0.228177991	0.894468681
<i>Hint2</i>	0.491224491	0.151541804	3.241511431	0.001188977	0.248877204
<i>Tmem8b</i>	-0.039557751	0.329537349	-0.120040266	0.904451251	0.994688009
<i>Hrct1</i>	0.209071219	0.231991879	0.901200595	0.367481675	0.928436166
<i>5430416O09Rik</i>	-0.029875549	0.213445303	-0.139968173	0.888685137	0.992886758

A630077J23Rik	0.764710925	1.12472694	0.679908072	0.49656267	0.960362776
Reck	-0.33869929	0.192465295	-1.759794095	0.078442725	0.754732183
Glipr2	0.12476543	0.136361003	0.91496416	0.360210446	0.925913281
CltA	0.175578629	0.119907801	1.464280282	0.143117382	0.840741274
Gne	0.028645943	0.190673337	0.150235704	0.880578658	0.992886758
Gm12504	-0.641573822	0.953795638	-0.67265334	0.501167859	0.96121484
Rnf38	-0.223008121	0.210952079	-1.057150618	0.290442853	0.907334416
Melk	0.127026011	0.36856424	0.344650939	0.730356806	0.988585656
Pax5	2.026060376	1.1879853	1.70545913	0.088108829	0.767228183
Zcchc7	-0.014642597	0.147190807	-0.099480376	0.920756868	0.994688009
Grhpr	0.016848427	0.164097505	0.102673268	0.918222291	0.994688009
Zbtb5	-0.376288449	0.250444357	-1.502483241	0.132972353	0.827800491
Polr1e	-0.011192929	0.268736293	-0.041650234	0.966777527	0.996474415
Fbxo10	-0.183285607	0.327213121	-0.560141373	0.575383012	0.971613657
Tomm5	0.493516464	0.306177513	1.611863846	0.106991571	0.79539432
Frmptd1	-0.498255034	0.803636264	-0.620000685	0.535257336	0.96674935
Trmt10b	0.226495615	0.188970377	1.198577357	0.230692327	0.895404344
Exosc3	0.206756027	0.124874951	1.655704566	0.097781662	0.785669881
Dcaf10	-0.312188775	0.113071929	-2.76097505	0.005762908	0.423948802
Slc25a51	-0.178180331	0.092427221	-1.927790627	0.053881174	0.707153766
Shb	0.042721067	0.180292127	0.2369547	0.812691934	0.992000477
Aldh1b1	-0.330295382	0.683630212	-0.483149188	0.628989811	0.977034429
Igfbpl1	-0.816117844	1.584451897	-0.515078965	0.606497841	0.974001549
Stra6l	-0.551285334	1.023514377	-0.53862002	0.59014907	0.974001549
Ccdc180	-0.178991463	0.261020128	-0.685738162	0.492878237	0.958916246
Tdrd7	-0.22042305	0.186523814	-1.181742129	0.237308037	0.896609492
Tmod1	-0.1200057	0.208743978	-0.574894191	0.565362859	0.969914825
Tstd2	-0.274302821	0.183198551	-1.497297983	0.134315739	0.828162039
Ncbp1	0.140863566	0.160011911	0.880331752	0.378679616	0.929137643
Xpa	0.072976584	0.143601273	0.508188974	0.611320823	0.974001549
5830415F09Rik	0.182268993	0.198846714	0.916630652	0.359336217	0.925229839
Anp32b	0.182938667	0.104493246	1.750722401	0.079993739	0.75659671
Nans	0.363763727	0.145436474	2.501186373	0.012377802	0.525888996
Trim14	-0.049844515	0.299832411	-0.166241249	0.867967099	0.992886758
Coro2a	-0.113371311	0.313673861	-0.361430534	0.717777625	0.988585656
Tbc1d2	-0.210368188	0.301380201	-0.698015954	0.485167217	0.957710647
Anks6	0.446791081	0.523112085	0.854102007	0.393048472	0.933734231
Galnt12	-0.14569995	0.33493384	-0.435011136	0.663554345	0.98114941
Col15a1	-0.729289856	0.442145306	-1.649434803	0.09905859	0.787788403
Tgfb1	-0.191499221	0.125908104	-1.520944369	0.128273798	0.826336015
Alg2	-0.431629829	0.174642505	-2.471505031	0.013454566	0.540715407
Sec61b	0.225382225	0.195655588	1.151933493	0.249348404	0.896939594
Nr4a3	-0.350156692	0.398953723	-0.877687491	0.380113335	0.929640874
Stx17	-0.1872534	0.130268088	-1.437446441	0.150591181	0.849879783
Erp44	0.039540408	0.095024426	0.416107836	0.677331096	0.983670411
Invs	-0.222795494	0.197201637	-1.129785217	0.258566739	0.897248195
Tex10	-0.64765898	0.258533553	-2.505125441	0.012240797	0.525888996
Msantd3	0.325261024	0.223629277	1.454465305	0.145817346	0.842832198
Tmeff1	-0.011047553	0.152963188	-0.072223609	0.942423957	0.994688009
Murc	1.549055354	0.752672008	2.058074882	0.039582946	0.679118604
Acnat1	-0.047802487	0.761136054	-0.06280413	0.949922477	0.995727234
Mrpl50	0.181392341	0.14752108	1.229602851	0.218845862	0.888671255
Zfp189	-0.048655383	0.244183461	-0.199257487	0.842061333	0.992886758
Aldob	-0.334749641	2.603788975	-0.128562508	0.897703834	0.994101834
Tmem246	-0.070404269	0.162185979	-0.434095904	0.6642188	0.981154469
Rnf20	-0.236998844	0.137336427	-1.725680856	0.084404844	0.76099108
Ppp3r2	2.315927449	1.698250601	1.363713605	0.17265772	0.86244803
Smc2os	0.447848768	1.102485017	0.406217555	0.684582757	0.985105247
Smc2	-0.029376498	0.240585678	-0.122104103	0.902816573	0.994688009
Nipsnap3b	0.240423785	0.161917204	1.484856335	0.137581885	0.833085238
Abca1	-0.041664209	0.182503188	-0.228293046	0.81941843	0.992886758
4930522O17Rik	0.429526633	0.52301307	0.82125411	0.411501541	0.941762685

<i>Al427809</i>	0.069178966	0.822113899	0.084147666	0.932939027	0.994688009
<i>Slc44a1</i>	-0.226559782	0.182558328	-1.241026819	0.214595842	0.886400046
<i>Fsd1l</i>	-0.402566202	0.182770523	-2.202577287	0.027624556	0.637644759
<i>Fktn</i>	-0.235709576	0.382348035	-0.616479108	0.537578356	0.96674935
<i>Tal2</i>	3.832537457	1.900433637	2.016664714	0.043730515	0.688477147
<i>Tmem38b</i>	0.049257011	0.130575294	0.377230711	0.706002159	0.988585656
<i>Zfp462</i>	0.302521923	0.345871843	0.87466479	0.381756324	0.930635634
<i>Rad23b</i>	-0.120890978	0.129355985	-0.934560372	0.350014909	0.922291372
<i>Klf4</i>	-0.102783291	0.175257171	-0.586471239	0.557558883	0.968926429
<i>Ikbkap</i>	0.032489228	0.219594126	0.147951262	0.882381232	0.992886758
<i>Fam206a</i>	-0.70576496	0.279770638	-2.522655575	0.011647242	0.518291414
<i>Ctnna1</i>	0.031665949	0.156536076	0.202291701	0.839688687	0.992886758
<i>Tmem245</i>	-0.31880644	0.283731098	-1.123621774	0.261173515	0.897248195
<i>Epb4.1l4b</i>	-0.118842706	0.123507764	-0.962228625	0.335934773	0.918908218
<i>Gm12530</i>	-1.154512817	1.203129194	-0.959591723	0.337260736	0.919246575
<i>Ptpn3</i>	-0.11431035	0.247697181	-0.461492335	0.644445419	0.97889195
<i>Palm2</i>	-0.58333211	1.241875125	-0.469718814	0.638555924	0.977795535
<i>D630039A03Rik</i>	-0.233209313	0.204921127	-1.13804426	0.255102002	0.897044747
<i>Txn1</i>	0.097509838	0.151643111	0.643021879	0.520209903	0.964665379
<i>Svep1</i>	0.248665024	0.272211083	0.913500733	0.360979248	0.926101223
<i>Lpar1</i>	-0.165145124	0.204291916	-0.808378164	0.418872918	0.943415794
<i>Al314180</i>	-0.051834864	0.099396868	-0.521493938	0.602022728	0.974001549
<i>Ptgr1</i>	0.183801994	0.169516225	1.084273758	0.278243437	0.901391073
<i>Dnajc25</i>	0.005596363	0.166562297	0.033599217	0.973196747	0.997074754
<i>Gng10</i>	0.299854613	0.263756631	1.136860943	0.255596422	0.897044747
<i>Ugcg</i>	-0.167888349	0.156751517	-1.071047682	0.284147991	0.905916508
<i>Gm12596</i>	-0.279612875	1.821151799	-0.153536281	0.877975381	0.992886758
<i>Susd1</i>	-0.306442864	0.43140361	-0.710339129	0.47749386	0.95716557
<i>Ptbp3</i>	-0.133656488	0.116487191	-1.147392149	0.251219584	0.896939594
<i>Hsd12</i>	0.152878328	0.112854285	1.354652401	0.17552833	0.864596675
<i>E130308A19Rik</i>	0.184738278	0.267144766	0.691528723	0.489233337	0.958560421
<i>Inip</i>	0.209218738	0.161302801	1.297055828	0.194611979	0.879588734
<i>Snx30</i>	-0.11657488	0.256822811	-0.453911706	0.649892378	0.979004493
<i>Mup3</i>	0.641337309	2.526009645	0.253893452	0.799577873	0.990988839
<i>Zfp37</i>	0.121911294	0.165888211	0.734900289	0.462400223	0.953083512
<i>Slc31a2</i>	0.14008474	0.139348197	1.005285632	0.314759332	0.91586731
<i>Fkbp15</i>	0.224673227	0.195102737	1.151563687	0.24950041	0.896939594
<i>Slc31a1</i>	-0.045633767	0.112979734	-0.403911085	0.686278104	0.98538669
<i>Cdc26</i>	0.356922797	0.181005533	1.971888869	0.048622294	0.707153766
<i>Prpf4</i>	-0.188163531	0.220124143	-0.85480642	0.392658324	0.933734231
<i>Wdr31</i>	0.032223401	0.187778066	0.171603648	0.863749139	0.992886758
<i>Bspry</i>	0.07666754	0.120616672	0.635629705	0.525017803	0.965637248
<i>Hdhd3</i>	0.212700144	0.24438854	0.870335998	0.384116812	0.931591679
<i>Alad</i>	0.050698522	0.123196393	0.41152603	0.680686858	0.984226822
<i>Pole3</i>	0.488152424	0.158324386	3.083242167	0.002047585	0.306705625
<i>4933430l17Rik</i>	-2.302918118	1.8720321	-1.230170208	0.218633374	0.888631319
<i>Rgs3</i>	0.039536838	0.204275946	0.193546224	0.846531209	0.992886758
<i>Zfp618</i>	-0.37194705	1.68453092	-0.220801557	0.825246951	0.992886758
<i>Ambp</i>	1.336151179	3.933617431	0.339674918	0.734101352	0.988585656
<i>Col27a1</i>	-0.913856492	0.306643322	-2.98019368	0.002880662	0.345325017
<i>Orm1</i>	-0.3254464	0.644306087	-0.505111479	0.61348054	0.974001549
<i>Orm3</i>	0.602157378	0.575215706	1.04683751	0.295174527	0.907763139
<i>Orm2</i>	0.810979592	2.17878027	0.372217246	0.709731107	0.988585656
<i>Akna</i>	-0.067490453	0.317791906	-0.212373103	0.831815968	0.992886758
<i>Whrn</i>	-0.560882039	0.729271274	-0.769099317	0.441834354	0.948476447
<i>Atp6v1g1</i>	0.081675354	0.177773255	0.459435555	0.64592142	0.979004493
<i>6330416G13Rik</i>	-0.084411823	0.195648344	-0.431446651	0.666143636	0.981863224
<i>Tnfsf15</i>	0.155892188	0.36044592	0.432498134	0.665379408	0.981727712
<i>Tnfsf8</i>	-0.0072165	0.683918616	-0.010551694	0.991581122	0.998770784
<i>Tnc</i>	-0.741584177	0.528970539	-1.401938524	0.160933605	0.857316691
<i>Pappa</i>	0.12833163	0.781382555	0.164236621	0.869544873	0.992886758
<i>Astn2</i>	0.423505533	0.316142849	1.339601809	0.180374835	0.868087032

Trim32	-0.410957803	0.354765725	-1.158392069	0.246704074	0.896939594
Tlr4	-0.270576165	0.140445548	-1.926555655	0.05403503	0.707153766
Brinp1	0.573658179	0.703761974	0.815130967	0.414997348	0.943415794
Cdk5rap2	0.577327933	0.372109495	1.551500137	0.120781875	0.816227511
Megf9	-0.025862204	0.25917628	-0.099786153	0.920514102	0.994688009
Tle1	-0.126747011	0.162665406	-0.779188478	0.435868696	0.946762848
C630043F03Rik	0.087516445	0.221247654	0.395558748	0.692430574	0.986599035
Rasef	-0.075166409	0.135217428	-0.555892908	0.578284067	0.971613657
Gm11240	0.135589013	1.423755973	0.095233324	0.924129502	0.994688009
Z310002L09Rik	0.289009139	0.514160338	0.562099248	0.574048401	0.971613657
Frmd3	-0.636813025	0.977075688	-0.651754038	0.514559856	0.964352198
Kdm4c	-0.286057963	0.14935807	-1.915249457	0.055460698	0.713559351
Tmem261	0.314752867	0.160510786	1.96094527	0.049885408	0.707153766
Ptprd	-0.021166941	0.196969588	-0.107462988	0.914421686	0.994688009
Tyrp1	-4.24376871	1.8936174	-2.241090893	0.025020188	0.627917508
Lurap1l	0.156897798	0.110964203	1.413949669	0.157376681	0.855986074
Mpdz	0.07577626	0.294863078	0.256987957	0.79718807	0.990988839
Nfib	0.4335692	0.148357441	2.922463454	0.003472744	0.368965929
Zdhhc21	-0.335910374	0.153861778	-2.183195716	0.0290214	0.64858361
Frem1	-0.226568973	0.242456745	-0.934471728	0.350060613	0.922291372
Ttc39b	-0.093146838	0.144112142	-0.646349684	0.518052918	0.964452679
Gm11413	2.466979357	2.429890087	1.015263764	0.309980112	0.914536555
Snapc3	-0.252964563	0.241933613	-1.045594947	0.295748083	0.908204914
Psip1	-0.025866245	0.114293265	-0.226314687	0.820956676	0.992886758
Ccdc171	0.111332076	0.460856745	0.241576319	0.809108473	0.991244394
Bnc2	-0.682472468	0.595623247	-1.145812343	0.251872807	0.896939594
Cntln	-0.205429364	0.17287332	-1.188323127	0.23470613	0.89581803
Sh3gl2	-0.401384292	0.361967875	-1.108894793	0.26747557	0.89804647
Adamts1l	-0.196666479	0.303283918	-0.648456667	0.516689629	0.964352198
Rraga	0.004577244	0.096982224	0.04719673	0.962356434	0.996474415
Haus6	-0.072037316	0.342495806	-0.210330505	0.833409728	0.992886758
Plin2	0.072135091	0.152881395	0.471836948	0.637043176	0.977284137
Dennd4c	0.005297659	0.209766014	0.025255088	0.979851497	0.997296835
Rps6	0.182288035	0.130056926	1.401601906	0.161034158	0.857316691
Acer2	-0.152119316	0.151822888	-1.001952462	0.316366553	0.91640698
Mllt3	-0.150036582	0.169591593	-0.884693515	0.376321954	0.928883222
Focad	0.007741407	0.240396695	0.032202637	0.974310453	0.997262526
Hacd4	-0.055026951	0.136336997	-0.40360982	0.686499663	0.98538669
Klhl9	-0.109338906	0.136206599	-0.802743087	0.422123243	0.943415794
Mtap	-0.044784221	0.144515545	-0.30989207	0.756643033	0.989266039
Cdkn2a	0.0038357	0.695976549	0.00551125	0.995602681	0.999285699
Cdkn2b	0.296662756	0.167776185	1.768205397	0.077026572	0.752876039
Tusc1	0.008259419	0.218599187	0.037783392	0.969860386	0.996628386
Caap1	-0.019125211	0.158237173	-0.120864211	0.90379859	0.994688009
Plaa	0.081957551	0.133138307	0.61558204	0.538170408	0.96674935
Gm12657	0.285208107	0.442828688	0.64405969	0.519536729	0.964665379
Ift74	-0.010048232	0.105813344	-0.094961858	0.924345123	0.994688009
Lrrc19	-0.029535775	1.377681784	-0.02143875	0.982895663	0.997497357
Tek	-0.111769094	0.171465009	-0.651847825	0.514499346	0.964352198
Eqtn	-1.521661159	2.457124796	-0.619285256	0.535728456	0.96674935
Mysm1	-0.160254519	0.175247926	-0.914444595	0.360483278	0.925913281
Jun	-0.04213697	0.255187908	-0.165121342	0.868848475	0.992886758
Fggy	0.036954095	0.224948815	0.164277795	0.869512461	0.992886758
9530080O11Rik	-1.079354555	2.251204291	-0.479456511	0.631613899	0.977034429
Hook1	-0.310826008	0.276173883	-1.125472127	0.260389022	0.897248195
Cyp2j6	0.042156929	0.15767016	0.267374179	0.789181078	0.990988839
Cyp2j9	-0.009793748	0.244994041	-0.039975455	0.968112695	0.996474415
Gm12695	-0.644776474	0.407989601	-1.580374774	0.114021065	0.807965062
E130114P18Rik	1.500372418	1.213530845	1.236369413	0.21632128	0.887633697
Nfia	-0.26282889	0.213516697	-1.230952399	0.218340668	0.888436964
Tm2d1	0.19062145	0.17107877	1.114232055	0.265179647	0.89768067
Inadl	0.031027464	0.227686335	0.136272842	0.891605593	0.993043931

<i>Kank4</i>	0.653990016	0.292853932	2.233161123	0.025538321	0.631530315
<i>Kank4os</i>	1.078272418	2.271949945	0.474602189	0.635070546	0.977034429
<i>Usp1</i>	-0.051083817	0.12319454	-0.414659753	0.678390999	0.983786595
<i>Dock7</i>	-0.108551922	0.137496481	-0.78948873	0.429826414	0.945321484
<i>Angptl3</i>	-0.366361235	1.126917813	-0.325100225	0.745105218	0.988585656
<i>Atg4c</i>	-0.111890676	0.182915141	-0.611708114	0.540730893	0.966989525
<i>Alg6</i>	-0.156015363	0.15541783	-1.003844685	0.315453482	0.91586731
<i>Itgb3bp</i>	0.275926515	0.232765052	1.185429308	0.235847749	0.896067726
<i>Efcab7</i>	0.509159856	0.251822747	2.021897789	0.043186912	0.685056403
<i>Pgm2</i>	-0.21180614	0.327159964	-0.647408496	0.517367599	0.964352198
<i>Ror1</i>	0.369338633	0.821693141	0.449484868	0.653081922	0.979004493
<i>Ube2u</i>	0.123775627	0.988680925	0.125192693	0.900371002	0.994688009
<i>Cachd1</i>	-0.237644028	0.272413382	-0.872365469	0.383009032	0.931395363
<i>Raver2</i>	0.113082639	0.224168887	0.504452874	0.613943171	0.974001549
<i>Jak1</i>	-0.040697064	0.131598655	-0.309251369	0.757130321	0.989266039
<i>E130102H24Rik</i>	0.524483676	0.381068929	1.376348572	0.168713742	0.861597949
<i>0610043K17Rik</i>	-0.656738884	1.184881299	-0.554265549	0.579397124	0.971613657
<i>Ak4</i>	-0.439607989	0.462689225	-0.950115033	0.342053805	0.919850248
<i>Dnajc6</i>	-0.429743912	0.478999047	-0.897170704	0.369627835	0.928436166
<i>Leprot</i>	0.076078494	0.103638411	0.734076234	0.462902277	0.953083512
<i>Lepr</i>	-0.111296089	0.161038483	-0.691114865	0.489493359	0.958560421
<i>Pde4b</i>	-0.102702211	0.183837496	-0.558657582	0.576395434	0.971613657
<i>Sgip1</i>	-0.005004193	0.241103933	-0.020755335	0.983440828	0.997678538
<i>Wdr78</i>	-0.113194451	0.179212932	-0.631619882	0.527635292	0.965637248
<i>Mier1</i>	-0.033088288	0.12385318	-0.267157354	0.78934801	0.990988839
<i>Slc35d1</i>	-0.278303082	0.349924968	-0.795322163	0.426426125	0.944290206
<i>Oma1</i>	0.252544027	0.131007624	1.927704818	0.053891853	0.707153766
<i>Dab1</i>	0.089628034	1.505504524	0.059533553	0.952527141	0.996023481
<i>1700024P16Rik</i>	0.290311852	0.891953687	0.325478616	0.744818864	0.988585656
<i>Prkaa2</i>	-0.594011759	0.197746486	-3.003905505	0.002665381	0.329679354
<i>Ppap2b</i>	-0.187266584	0.140715923	-1.330813035	0.183250538	0.869576666
<i>Usp24</i>	-0.163651931	0.139614404	-1.172170821	0.241128481	0.896939594
<i>Dhcr24</i>	-0.252027264	0.200516367	-1.256891237	0.208793022	0.884258007
<i>Ttc22</i>	-0.204956845	0.432710247	-0.473658403	0.635743521	0.977104816
<i>Pars2</i>	0.416955436	0.299127612	1.393904871	0.163346333	0.859982992
<i>Ttc4</i>	0.005315905	0.133937868	0.039689337	0.968340803	0.996474415
<i>Mroh7</i>	-0.189070808	1.825570166	-0.103568086	0.917512115	0.994688009
<i>Acot11</i>	0.032493996	0.480849685	0.067576203	0.946122999	0.995065399
<i>Ssbp3</i>	-0.116359439	0.17709879	-0.657031251	0.511160822	0.963452765
<i>Mrpl37</i>	0.093628302	0.122160841	0.766434655	0.443417719	0.948476747
<i>Cyb5rl</i>	-0.001333398	0.294163532	-0.004532846	0.996383324	0.999379819
<i>Tceanc2</i>	0.133437346	0.124071086	1.07549108	0.282154924	0.90579922
<i>Tmem59</i>	-0.067898765	0.084312824	-0.805319551	0.420635302	0.943415794
<i>Ldlrad1</i>	-0.394522552	0.138326228	-2.85211676	0.004342915	0.385355746
<i>Lrrc42</i>	-0.072889073	0.157701983	-0.462195033	0.643941465	0.97889195
<i>Hspb11</i>	0.143950209	0.209503007	0.687103308	0.49201763	0.958916246
<i>Dio1</i>	-0.088476153	0.352429484	-0.251046401	0.801778235	0.990988839
<i>Yipf1</i>	0.22252973	0.146883727	1.515006016	0.129770881	0.827800491
<i>Ndc1</i>	-0.348769962	0.398077071	-0.876136777	0.380955682	0.930420854
<i>Lrp8</i>	-0.432995848	0.951376989	-0.455125416	0.649019014	0.979004493
<i>Magoh</i>	0.118039646	0.142443225	0.828678555	0.407286324	0.939557159
<i>0610037L13Rik</i>	0.32262036	0.111543884	2.892317781	0.003824109	0.376754331
<i>Cpt2</i>	-0.089394517	0.227236048	-0.393399366	0.694024538	0.986949593
<i>Slc1a7</i>	1.54748085	0.820768295	1.885405249	0.059375146	0.723986563
<i>Podn</i>	-0.048138323	0.320421564	-0.150234341	0.880579733	0.992886758
<i>Scp2</i>	0.008694037	0.100220216	0.086749335	0.930870761	0.994688009
<i>Echdc2</i>	-0.046688886	0.194672632	-0.239832817	0.810459865	0.991438232
<i>Zyg11b</i>	0.158559426	0.172866976	0.917233758	0.359020161	0.925199968
<i>Coa7</i>	0.196628153	0.23876418	0.823524506	0.410209787	0.940983181
<i>Fam159a</i>	0.223481732	0.670448202	0.333331839	0.738883808	0.988585656
<i>Gpx7</i>	0.254989812	0.14457879	1.763673714	0.077786929	0.754202
<i>Zcchc11</i>	-0.245000695	0.173633136	-1.411024995	0.158237244	0.855986074

<i>Prpf38a</i>	0.152890079	0.16162156	0.945975766	0.344160947	0.920669678
<i>Orc1</i>	-0.808314635	0.988454568	-0.81775598	0.413496538	0.94325631
<i>Cc2d1b</i>	0.232872414	0.234191865	0.994365938	0.320044745	0.91640698
<i>Zfyve9</i>	0.190390624	0.326982801	0.582264949	0.560388231	0.968926429
<i>3110021N24Rik</i>	0.269416376	0.971508849	0.27731747	0.781536346	0.990988839
<i>Btf3l4</i>	0.058077645	0.126134824	0.460441007	0.645199706	0.979004493
<i>Txndc12</i>	-0.033830658	0.111226256	-0.304160722	0.761005447	0.989266039
<i>Kti12</i>	-0.065222916	0.170680851	-0.38213376	0.702362151	0.988482081
<i>Rab3b</i>	-0.147975998	0.872255678	-0.169647503	0.865287362	0.992886758
<i>Nrd1</i>	-0.132148243	0.135743276	-0.973515937	0.330296943	0.917115058
<i>Osbpl9</i>	-0.111334823	0.074266203	-1.499131765	0.133839452	0.827800491
<i>Calr4</i>	2.785226664	1.972603509	1.411954633	0.15796332	0.855986074
<i>Eps15</i>	-0.038974178	0.087600441	-0.444908463	0.656385906	0.979614766
<i>Ttc39aos1</i>	0.137468231	1.628100441	0.084434736	0.932710791	0.994688009
<i>Ttc39a</i>	-0.234665182	0.138555674	-1.693652631	0.090331311	0.769347579
<i>Rnf11</i>	0.182927275	0.138076157	1.324828839	0.185227927	0.871716376
<i>Cdkn2c</i>	0.416865711	0.175746716	2.37196871	0.017693589	0.579835303
<i>Faf1</i>	0.060021908	0.108220674	0.554625149	0.579151083	0.971613657
<i>Dmrta2</i>	0.385274472	3.252918125	0.118439646	0.905719314	0.994688009
<i>Agbl4</i>	-0.512535341	0.821876313	-0.623616149	0.532879703	0.96674935
<i>Bend5</i>	0.839344973	0.29185828	2.875864866	0.004029222	0.378480793
<i>Spata6</i>	-0.225662319	0.115156843	-1.959608418	0.050041577	0.707153766
<i>Slc5a9</i>	-2.09544609	1.514535524	-1.38355691	0.16649417	0.860403806
<i>Skint3</i>	-0.089603651	0.35498855	-0.252412792	0.800722014	0.990988839
<i>Trabd2b</i>	-0.411861508	0.270889487	-1.52040418	0.128409425	0.826336015
<i>Gm12830</i>	0.501566338	1.585343965	0.316376982	0.751716386	0.988585656
<i>Foxd2</i>	-1.042696075	1.432553856	-0.727858203	0.466700391	0.953083512
<i>Foxd2os</i>	0.042374523	0.301294088	0.140641735	0.888152976	0.992886758
<i>Cmpk1</i>	0.150116479	0.152806509	0.982395841	0.325904874	0.916632021
<i>Stil</i>	1.264926473	1.068464688	1.183872979	0.236463348	0.896358698
<i>Tal1</i>	-0.000363882	0.146843044	-0.002478035	0.998022816	0.999591134
<i>Pdzk1ip1</i>	0.22555576	0.178219894	1.265603714	0.205654996	0.883765092
<i>Cyp4a12b</i>	0.046193948	0.454722143	0.101587196	0.919084343	0.994688009
<i>Cyp4b1-ps2</i>	-0.155762649	0.590306674	-0.263867335	0.791882147	0.990988839
<i>Cyp4a32</i>	-0.624542324	0.568591779	-1.098401959	0.272029007	0.898163317
<i>Cyp4b1</i>	-0.272083952	0.150504828	-1.807808794	0.070636265	0.744227652
<i>Efcab14</i>	-0.11356931	0.150872237	-0.752751548	0.451599227	0.949134998
<i>Atpaf1</i>	0.397294803	0.126200214	3.148130982	0.00164318	0.284736028
<i>Mob3c</i>	-0.15703855	0.178165774	-0.881418171	0.378091526	0.928883222
<i>Mknk1</i>	-0.201599374	0.180507533	-1.11684743	0.264059565	0.897439742
<i>Faah</i>	-0.205070678	0.178293008	-1.150189119	0.250065987	0.896939594
<i>Nsun4</i>	-0.055143313	0.158568616	-0.347756788	0.728022844	0.988585656
<i>Uqcrh</i>	0.230372839	0.29239425	0.787884301	0.430764385	0.945321484
<i>Lrrc41</i>	-0.466160191	0.161261117	-2.890716628	0.003843645	0.376754331
<i>Rad54l</i>	0.56475152	0.808336048	0.698659328	0.484764958	0.957710647
<i>2510003B16Rik</i>	1.059259314	1.5675623	0.675736661	0.499207856	0.960700483
<i>Lurap1</i>	0.276425631	0.363153539	0.761181157	0.446548871	0.948476747
<i>Pomgnt1</i>	-0.076283423	0.105731074	-0.721485368	0.47061094	0.95486913
<i>Tspan1</i>	-0.097211989	0.144424116	-0.673100808	0.50088316	0.961175273
<i>Pik3r3</i>	-0.149771347	0.180675543	-0.82895197	0.407131586	0.939557159
<i>Mast2</i>	-0.14598638	0.270976256	-0.538742331	0.590064661	0.974001549
<i>Ipp</i>	-0.126064229	0.22341424	-0.564262283	0.572575646	0.971613657
<i>Tmem69</i>	-0.02047139	0.180349775	-0.113509371	0.909626734	0.994688009
<i>Gppp1l1</i>	-0.082812444	0.104675034	-0.791138442	0.428863209	0.945321484
<i>C530005A16Rik</i>	0.106224878	0.908661166	0.116902628	0.906937216	0.994688009
<i>Ccdc17</i>	-0.335658828	0.163006278	-2.059177303	0.039477257	0.679118604
<i>Nasp</i>	-0.027700974	0.195716736	-0.14153605	0.887446483	0.992886758
<i>Akr1a1</i>	0.03241849	0.101211518	0.32030436	0.748737619	0.988585656
<i>AV051173</i>	0.084500853	1.019300744	0.082900805	0.933930414	0.994688009
<i>Prdx1</i>	0.041228278	0.175720336	0.234624401	0.814500269	0.992048071
<i>Mmachc</i>	-0.391730072	0.263944979	-1.484135344	0.137773018	0.833085238
<i>Ccdc163</i>	0.038962573	0.257845411	0.151108266	0.879890312	0.992886758

<i>Tesk2</i>	-0.064861933	0.292937156	-0.221419275	0.824765985	0.992886758
<i>Toe1</i>	-0.055623798	0.154619749	-0.359745752	0.719037274	0.988585656
<i>Mutyh</i>	0.032968752	0.343146333	0.09607782	0.923458767	0.994688009
<i>Hpd1</i>	1.565417672	0.871481995	1.796270813	0.072451457	0.74633396
<i>Zswim5</i>	0.817583022	0.836045622	0.977916756	0.328115497	0.917115058
<i>Urod</i>	-0.11301628	0.132763239	-0.851261844	0.394623915	0.933796635
<i>Hectd3</i>	0.184459014	0.155737279	1.184424281	0.236245153	0.896358698
<i>Eif2b3</i>	-0.063173593	0.208617788	-0.302819783	0.762027206	0.989285682
<i>Ptch2</i>	3.089405863	1.410668502	2.190029663	0.028522086	0.645679684
<i>Btbd19</i>	0.165615427	0.25341681	0.653529761	0.513414809	0.964352198
<i>Tctex1d4</i>	0.038550694	0.18331628	0.210296075	0.833436598	0.992886758
<i>Plk3</i>	-0.159076707	0.338384246	-0.470106717	0.638278776	0.977779844
<i>Rps8</i>	0.301789598	0.185828132	1.624025354	0.104370398	0.79155232
<i>Snord55</i>	1.341680135	0.693515552	1.934607135	0.053038524	0.707153766
<i>Kif2c</i>	-0.399125226	0.86286528	-0.462557986	0.64368123	0.97889195
<i>Gm1661</i>	-0.435710316	0.210238192	-2.072460347	0.038222531	0.679118604
<i>Tmem53</i>	-0.261089945	0.231456211	-1.12803171	0.259306528	0.897248195
<i>Rnf220</i>	0.14719792	0.172952977	0.85108636	0.394721382	0.933796635
<i>Eri3</i>	0.048792562	0.142327425	0.342819118	0.731734542	0.988585656
<i>Dmap1</i>	-0.011445905	0.198824881	-0.057567772	0.954092921	0.996070133
<i>Slc6a9</i>	-0.171336379	0.308342655	-0.555668756	0.57843732	0.971613657
<i>Ccdc24</i>	-0.08337795	0.243905829	-0.341844842	0.732467661	0.988585656
<i>B4galt2</i>	0.068079885	0.221890146	0.306817973	0.758981927	0.989266039
<i>Atp6v0b</i>	0.378899995	0.240798512	1.573514684	0.115599691	0.810389074
<i>Dph2</i>	0.370098042	0.293686665	1.260179932	0.20760446	0.883846885
<i>Ipo13</i>	0.162175115	0.223137386	0.726794904	0.467351605	0.953315756
<i>Artn</i>	-0.294437619	0.715001995	-0.411799717	0.680486229	0.984226822
<i>St3gal3</i>	-0.499468148	0.18102879	-2.759053673	0.005796901	0.424421559
<i>Kdm4a</i>	-0.049656364	0.227967055	-0.217822546	0.827567377	0.992886758
<i>Ptpfr</i>	-0.057698704	0.127847864	-0.451307534	0.651767916	0.979004493
<i>Hyi</i>	0.310404608	0.167063857	1.857999767	0.063169047	0.727848297
<i>Szt2</i>	-0.070129689	0.285381453	-0.245740176	0.80588337	0.99099448
<i>Med8</i>	0.103404159	0.117127289	0.882835754	0.37732502	0.928883222
<i>Elovl1</i>	-0.234046711	0.209105732	-1.11927449	0.263023055	0.897248195
<i>Cdc20</i>	0.350185708	0.324624199	1.078741848	0.280702825	0.903595233
<i>Mpl</i>	-1.205387907	0.791673067	-1.522582942	0.12786308	0.826126043
<i>Tie1</i>	-0.117254607	0.205108705	-0.571670555	0.567545186	0.970955746
<i>2610528J11Rik</i>	0.125522974	0.161256837	0.778404045	0.436330855	0.946762848
<i>Tmem125</i>	0.123588378	0.181986112	0.67910884	0.497068902	0.960475196
<i>Cfap57</i>	-0.54655613	0.341460613	-1.600641798	0.109456279	0.798400564
<i>Ebna1bp2</i>	0.059714531	0.115695154	0.516136837	0.605758841	0.974001549
<i>Olfr1342</i>	3.430188664	1.940134245	1.768016143	0.077058205	0.752876039
<i>Slc2a1</i>	-0.216777383	0.18756072	-1.155771761	0.247774527	0.896939594
<i>Zfp691</i>	0.768321119	0.615192104	1.248912517	0.211697073	0.884755882
<i>Ccdc23</i>	0.330631813	0.158408818	2.087205865	0.03686953	0.678243111
<i>4930538K18Rik</i>	0.716771938	1.176755996	0.609108379	0.542452604	0.967491297
<i>AU022252</i>	0.219590144	0.180738807	1.214958465	0.224381933	0.892989918
<i>P3h1</i>	-0.200956857	0.263989877	-0.761229407	0.446520057	0.948476747
<i>Ybx1</i>	0.176350744	0.106499382	1.65588514	0.097745081	0.785669881
<i>Ppih</i>	0.518262614	0.21466511	2.414284349	0.015766153	0.557315333
<i>Ccdc30</i>	-0.051317509	0.194893104	-0.263311057	0.792310838	0.990988839
<i>Ppcs</i>	0.032110657	0.2044703	0.157043135	0.875210853	0.992886758
<i>Zmynd12</i>	-0.096817062	0.201273826	-0.481021622	0.630501131	0.977034429
<i>Rimk1a</i>	0.473943953	1.693929808	0.279789606	0.779638927	0.990988839
<i>AA415398</i>	0.014164745	0.51579282	0.027462083	0.978091182	0.997262526
<i>Foxj3</i>	-0.02409243	0.230133055	-0.104689132	0.916622486	0.994688009
<i>Guca2a</i>	-3.03344319	4.413217942	-0.687354042	0.491859651	0.958916246
<i>Hivep3</i>	-0.214103505	0.280550236	-0.763155677	0.445370559	0.948476747
<i>Edn2</i>	0.359518538	1.536059604	0.234052466	0.814944248	0.992140387
<i>Foxo6</i>	-0.103533484	0.442944823	-0.23373901	0.815187601	0.992270157
<i>Scmh1</i>	0.326690181	0.229125837	1.425811185	0.153922851	0.854159937
<i>Ctps</i>	-0.419481661	0.205205333	-2.044204476	0.040933351	0.679118604

<i>Cited4</i>	-1.295025764	0.729548855	-1.775104922	0.075880564	0.752876039
<i>Kcnq4</i>	1.000232281	1.066661476	0.937722327	0.348387127	0.921552698
<i>Nfyc</i>	-0.092890744	0.245101566	-0.378988782	0.704696194	0.988585656
<i>Rims3</i>	0.664842487	1.481231951	0.448844279	0.653543994	0.979133069
<i>Exo5</i>	0.270377696	0.139556739	1.937403374	0.052696055	0.707153766
<i>Zfp69</i>	0.613715427	0.499992881	1.22744833	0.219654131	0.888847883
<i>Smcp2</i>	0.207515792	0.192030933	1.080637316	0.279858476	0.903192201
<i>Zmpste24</i>	-0.123873734	0.132709711	-0.93341876	0.350603798	0.922338606
<i>Rlf</i>	-0.113011797	0.156840503	-0.720552372	0.471184966	0.95486913
<i>Ppt1</i>	-0.0700823	0.097071949	-0.721962429	0.470317577	0.95486913
<i>Cap1</i>	-0.02393307	0.150980722	-0.158517394	0.874049116	0.992886758
<i>Mfsd2a</i>	-0.617533876	0.296764381	-2.080889475	0.037444024	0.679118604
<i>Mycl</i>	-0.111744532	0.223032881	-0.501022682	0.61635516	0.974001549
<i>Trit1</i>	0.088553125	0.196714735	0.4501601	0.652595004	0.979004493
<i>Ppie</i>	0.138227677	0.1286777	1.074216255	0.282725769	0.905916508
<i>Hpcal4</i>	0.278363695	0.391412201	0.711177869	0.476974021	0.95716557
<i>Heyl</i>	-0.022153492	0.297864472	-0.074374402	0.940712477	0.994688009
<i>Pabpc4</i>	-0.298217282	0.198430692	-1.502878809	0.132870299	0.827800491
<i>Macf1</i>	0.331496333	0.131460163	2.521648582	0.011680633	0.518291414
<i>D830031N03Rik</i>	-0.333524154	0.450660866	-0.740077916	0.459252718	0.952683168
<i>Akirin1</i>	-0.092897173	0.127731595	-0.727284218	0.467051864	0.953239786
<i>Rhbdl2</i>	0.325221656	0.784367185	0.41462935	0.678413259	0.983786595
<i>Mycbp</i>	0.083467537	0.148654317	0.561487472	0.574465268	0.971613657
<i>Rragc</i>	-0.142356322	0.092236478	-1.543384186	0.122737588	0.817788082
<i>Utp11l</i>	0.322105373	0.133344601	2.415586167	0.015709905	0.557315333
<i>Fhl3</i>	-0.776275007	0.453130616	-1.713137402	0.086687265	0.765418158
<i>Sf3a3</i>	-0.179412426	0.16365759	-1.096267066	0.272961918	0.898826892
<i>Mir697</i>	-1.63415947	2.248058907	-0.726920218	0.467274831	0.953292036
<i>Inpp5b</i>	-0.310453688	0.12426137	-2.498392612	0.012475794	0.525888996
<i>Mtf1</i>	0.053038266	0.168226196	0.315279469	0.752549472	0.988585656
<i>1110065P20Rik</i>	0.460005894	0.215167272	2.13789899	0.032524942	0.665167506
<i>Yrdc</i>	0.105125528	0.143750237	0.731306818	0.464591767	0.953083512
<i>Maneal</i>	-0.479934199	1.35610722	-0.353905791	0.723409487	0.988585656
<i>Cdca8</i>	0.227766451	0.616467211	0.369470504	0.711777055	0.988585656
<i>9930104L06Rik</i>	0.199290641	0.247969653	0.80368964	0.421576239	0.943415794
<i>Rspo1</i>	0.221615963	0.22819121	0.971185365	0.33145598	0.917115058
<i>Gnl2</i>	-0.048555098	0.146285724	-0.331919595	0.739949974	0.988585656
<i>Dnali1</i>	-0.276562239	0.185643602	-1.489748289	0.136290432	0.832457116
<i>Snip1</i>	-0.062632938	0.140072955	-0.447145121	0.654770282	0.979133069
<i>Meaf6</i>	-0.08325869	0.18916488	-0.440138202	0.659837015	0.979924124
<i>Zc3h12a</i>	0.138445316	0.281800672	0.491288097	0.623222697	0.975636499
<i>Csf3r</i>	0.23487263	0.369661816	0.635371628	0.525186068	0.965637248
<i>Mrps15</i>	0.138489622	0.157849293	0.877353448	0.38029469	0.929640874
<i>Oscp1</i>	-0.179467753	0.185222107	-0.968932686	0.332578776	0.917115058
<i>Lsm10</i>	-0.006367286	0.155078983	-0.041058344	0.967249383	0.996474415
<i>Stk40</i>	-0.130279204	0.221293893	-0.588715767	0.556051959	0.968926429
<i>Eva1b</i>	0.149669357	0.17637767	0.848573161	0.396118847	0.934066368
<i>Sh3d21</i>	-0.036261956	0.273415748	-0.132625705	0.894489403	0.993556555
<i>Thrap3</i>	0.116293836	0.140286045	0.828976512	0.407117698	0.939557159
<i>Map7d1</i>	-0.060498641	0.16712386	-0.361998823	0.71735291	0.988585656
<i>Trappc3</i>	0.326591495	0.137566806	2.374057416	0.017593814	0.579835303
<i>Col8a2</i>	-0.459043054	0.186637023	-2.459549804	0.013911139	0.545277966
<i>Adprhl2</i>	0.122451155	0.148698731	0.823484869	0.410232318	0.940983181
<i>Tekt2</i>	-0.298866892	0.17170328	-1.740600945	0.081753552	0.76099108
<i>Ago3</i>	-0.296923904	0.378875428	-0.783697969	0.433217355	0.946239431
<i>Ago1</i>	-0.212094803	0.196027898	-1.08196234	0.279269262	0.90218228
<i>Ago4</i>	-0.003827365	0.266980059	-0.014335771	0.988562102	0.998182772
<i>Clspn</i>	-0.676933311	1.158517121	-0.584310149	0.559011665	0.968926429
<i>5730409E04Rik</i>	0.147957158	0.152083891	0.972865415	0.330620196	0.917115058
<i>Psmb2</i>	0.037768324	0.128794936	0.293243861	0.769335761	0.989990452
<i>Ncdn</i>	-0.488721997	0.37168961	-1.314865911	0.188554971	0.874832912
<i>AU040320</i>	0.056173781	0.210113516	0.267349678	0.789199941	0.990988839

Zmym4	-0.080521039	0.19399316	-0.415071538	0.678089535	0.983670411
Sfpq	-0.232817805	0.163690754	-1.422302721	0.154938389	0.854973821
Zmym1	0.022329475	0.266322671	0.083843688	0.933180713	0.994688009
Zmym6	0.138275111	0.356353737	0.388027672	0.697995556	0.987622276
Gm12942	0.212339908	0.169383935	1.253601223	0.209986986	0.884258007
Smim12	0.264809159	0.165102554	1.603907098	0.108734532	0.798250317
Gja4	0.072206596	0.147477968	0.489609372	0.624410343	0.975987226
Gjb3	0.682105485	0.547614199	1.245594956	0.212913135	0.884945675
Gjb4	-1.645237922	2.841805617	-0.578941048	0.562628952	0.969658675
Gjb5	0.787072484	0.687969393	1.144051599	0.252602239	0.897044747
Zscan20	-0.737736552	0.578271836	-1.275760821	0.202040081	0.881300669
Tlr12	-1.138848048	1.058821223	-1.075581055	0.282114664	0.90579922
Phc2	-0.276456851	0.114957849	-2.404854074	0.016178925	0.56192007
A3galt2	2.154727782	1.860585459	1.158091273	0.246826791	0.896939594
Zfp362	-0.374776408	0.315277003	-1.188721044	0.234549457	0.89581803
Trim62	-0.214974586	0.618754985	-0.347430875	0.728267642	0.988585656
Azin2	-0.008739847	0.149269693	-0.058550715	0.953309967	0.996070133
Ak2	0.152101601	0.123267894	1.233910925	0.217236098	0.887633697
Rnf19b	0.045128544	0.103573681	0.435714391	0.663043963	0.980876591
Tmem54	0.240036622	0.362488526	0.662190952	0.507848852	0.963106419
Fndc5	-0.05915864	0.356829547	-0.165789634	0.868322504	0.992886758
S100pbb	-0.076688236	0.307445674	-0.249436704	0.803022997	0.990988839
Yars	-0.219489084	0.17862829	-1.228747608	0.21916645	0.888847883
C77080	-0.441322848	0.261254131	-1.689247345	0.091172039	0.771949327
Sync	0.158867441	0.629582025	0.252337955	0.800779853	0.990988839
Rbbp4	0.104816394	0.126607118	0.827887056	0.407734466	0.939557159
Zbtb8os	0.154090505	0.148953811	1.034485142	0.300909419	0.911154542
Zbtb8a	0.322933665	0.218802001	1.475917332	0.139966086	0.83738596
Zbtb8b	0.089102316	1.570535954	0.0567337	0.954757329	0.996070133
Bsdcl	0.031500896	0.146931345	0.214391937	0.830241429	0.992886758
Fam229a	0.163337392	0.787100079	0.207517946	0.835605379	0.992886758
Marcks1	-0.189185251	0.241778231	-0.782474294	0.433935887	0.946679964
Hdac1	0.080781456	0.127899845	0.631599332	0.527648723	0.965637248
Lck	0.66177354	0.208434103	3.174977266	0.001498482	0.279554507
Fam167b	0.329341768	0.798913318	0.412237174	0.680165592	0.984207811
Eif3i	0.129582641	0.165955543	0.780827438	0.434903994	0.946762848
Tmem234	0.436085139	0.102366797	4.260025259	2.04E-05	0.016686504
Dcdc2b	-0.06751181	0.127145873	-0.530979173	0.595433212	0.974001549
lqcc	0.247442195	0.175220529	1.412175825	0.157898197	0.855986074
Ccdc28b	-0.086957993	0.15568587	-0.558547754	0.576470405	0.971613657
Txlna	-0.274690827	0.158433382	-1.733793866	0.082954664	0.76099108
Kpna6	-0.14014307	0.186218309	-0.752574067	0.451705906	0.949134998
Tmem39b	-0.55916377	0.444133778	-1.258998521	0.208030866	0.884258007
Khdrbs1	0.057604471	0.105397548	0.546544703	0.584691568	0.972619381
Ptp4a2	-0.025809494	0.079211534	-0.325829998	0.744552981	0.988585656
E330017L17Rik	-0.043125005	0.567011018	-0.076056731	0.939373964	0.994688009
1700003M07Rik	-0.30857367	1.787830978	-0.172596668	0.862968471	0.992886758
Adgrb2	-0.028554956	1.261351293	-0.022638385	0.981938725	0.997390438
Col16a1	-0.238798517	0.326239447	-0.731973154	0.464184954	0.953083512
Pef1	-0.054443684	0.09309995	-0.584787472	0.558690629	0.968926429
Tinagl1	-0.259795715	0.183008855	-1.419580025	0.155729984	0.855293621
Serinc2	-0.021718734	0.270661716	-0.080243096	0.936043915	0.994688009
Fabp3	0.360401527	0.221886394	1.6242615	0.10432001	0.79155232
Zcchc17	0.115366911	0.13473594	0.856244526	0.391862538	0.933734231
Snrnp40	0.076318657	0.165601281	0.460857893	0.644900563	0.979004493
Nkain1	-0.154652115	0.351578846	-0.439878898	0.66002482	0.979924124
Pum1	-0.292053295	0.182427379	-1.600929073	0.109392629	0.798400564
Sdc3	0.016506971	0.186624686	0.088450092	0.92951895	0.994688009
Laptm5	0.091496408	0.242398045	0.377463475	0.705829203	0.988585656
Ptpu	-0.297000729	0.229630423	-1.293385803	0.195877658	0.879601031
Mecr	0.157997572	0.153905929	1.026585348	0.304615756	0.912429485
Srsf4	-0.27146966	0.266278178	-1.01949646	0.307967333	0.9139204

Gm12992	1.46491093	1.445025029	1.013761631	0.310696508	0.914819219
Tmem200b	-0.447530226	0.264213715	-1.693819059	0.090299671	0.769347579
Epb4.1	-0.076701082	0.193618926	-0.396144546	0.691998398	0.986464472
Oprd1	-2.643301493	2.09547314	-1.261434205	0.207152451	0.883765092
Ythdf2	0.033996872	0.124177234	0.273777011	0.784255991	0.990988839
Rps15a-ps4	0.726631137	0.738489105	0.983942935	0.325143572	0.91640698
Gmeb1	-0.357013004	0.261422627	-1.365654564	0.172047412	0.86244803
Taf12	0.104205357	0.113130578	0.92110691	0.356994613	0.924354588
Rab42	0.755610335	0.745396135	1.013703049	0.310724469	0.914819219
Snhg12	0.53450615	0.18029812	2.964568624	0.003031076	0.346777009
Snora16a	0.255638698	0.94572452	0.270309898	0.786921851	0.990988839
Snord99	0.252909379	0.718518732	0.351987175	0.724847881	0.988585656
Trnau1ap	0.259232203	0.169462577	1.529731275	0.126083259	0.822401003
Rcc1	-0.151177104	0.204944452	-0.737649162	0.460727673	0.953083512
Snhg3	0.355194477	0.209455413	1.695799942	0.089923774	0.769347579
Phactr4	-0.434981307	0.270776167	-1.606423906	0.108180802	0.797772336
Med18	0.071561675	0.28186579	0.253885634	0.799583914	0.990988839
Sesn2	-0.648878965	0.33274716	-1.950066127	0.051168238	0.707153766
Atpi1	0.254481623	0.190004806	1.339343085	0.180459009	0.868087032
Dnajc8	0.259311879	0.106678631	2.430776207	0.015066517	0.555113898
Ptafr	-0.059775081	0.573809309	-0.10417238	0.917032552	0.994688009
Eya3	-0.051526311	0.319143669	-0.161451774	0.871737592	0.992886758
Xkr8	0.5224635	0.313435106	1.666895285	0.095535229	0.778345149
Smpdl3b	0.249578644	0.444551717	0.561416444	0.574513676	0.971613657
Rpa2	0.091402133	0.178913735	0.510872643	0.609440238	0.974001549
Themis2	0.198590411	0.306333023	0.64828274	0.516802095	0.964352198
Ppp1r8	0.206665193	0.11929415	1.732400063	0.083202357	0.76099108
Stx12	-0.073389751	0.071507446	-1.0263232	0.304739265	0.912429485
Fam76a	0.035768757	0.101647065	0.351891682	0.724919498	0.988585656
Fgr	0.333882627	0.257869491	1.294773668	0.195398318	0.879588734
Ahdc1	0.319018167	0.457698831	0.697004549	0.485799947	0.957710647
Wasf2	-0.023962654	0.25315678	-0.094655391	0.924588552	0.994688009
Cd164l2	-0.818553095	0.494205342	-1.656301593	0.097660758	0.785471525
Map3k6	-0.327351136	0.436612081	-0.749752812	0.453403594	0.950146765
Sytl1	0.427332128	0.26514592	1.611686606	0.107030154	0.79539432
Tmem222	0.015466506	0.142561218	0.10849028	0.913606791	0.994688009
Wdtdc1	-0.109226116	0.25066288	-0.435749066	0.663018802	0.980876591
Slc9a1	0.08218944	0.286942166	0.286432076	0.77454721	0.99084133
Fam46b	-0.297814269	0.295361574	-1.008304043	0.313308523	0.915243138
Trnp1	0.076889339	0.214024109	0.359255503	0.719403959	0.988585656
Kdf1	-0.34820364	0.203972837	-1.707107895	0.087802	0.7667678
Nudc	-0.08002634	0.180619699	-0.443065405	0.657718427	0.979614766
Gpatch3	-0.19616314	0.324495268	-0.604517722	0.54549949	0.967491297
Gpn2	0.180310462	0.185855469	0.970164955	0.331964276	0.917115058
Sfn	-0.224641196	0.203731659	-1.102632735	0.270186688	0.89804647
Zdhhc18	-0.141959823	0.218676934	-0.649176028	0.516224604	0.964352198
Pigv	0.197014395	0.18569054	1.0609824	0.2886979	0.907334416
Arid1a	0.050465986	0.238598612	0.211509971	0.832489352	0.992886758
Rps6ka1	-0.172089115	0.198243125	-0.868071035	0.385355446	0.931689378
Hmgn2	0.267162711	0.136405434	1.958592872	0.050160485	0.707153766
Dhdds	0.032938319	0.15887051	0.207328086	0.835753641	0.992886758
Aim1l	-0.018938291	0.431147866	-0.043925281	0.964963964	0.996474415
Cd52	0.024961081	0.186920688	0.133538353	0.893767635	0.993422442
Ubxn11	-0.135273284	0.162565998	-0.832113019	0.405345154	0.939557159
Sh3bgrl3	-0.03408943	0.129752092	-0.262727404	0.792760693	0.990988839
Cep85	-0.023624045	0.238366163	-0.099108217	0.921052348	0.994688009
Catsper4	0.192358308	1.481370439	0.129851591	0.896683845	0.994101834
Cnksr1	-0.06151113	0.275811591	-0.223018653	0.823520989	0.992886758
Zfp593	-0.445634216	0.354269161	-1.257897285	0.208428906	0.884258007
Grrp1	0.132023808	0.215858243	0.611622732	0.540787394	0.966989525
Pdik1l	-0.064711417	0.141909166	-0.456005905	0.648385732	0.979004493
Trim63	0.457778657	0.904554577	0.506081854	0.612799189	0.974001549

<i>Slc30a2</i>	0.558620431	0.936041988	0.596789928	0.550647643	0.968926429
<i>Extl1</i>	0.623932637	0.543166963	1.148694009	0.250682177	0.896939594
<i>Pafah2</i>	-0.053852163	0.202948718	-0.265348622	0.790740911	0.990988839
<i>Stmn1</i>	-0.018160064	0.136422354	-0.133116486	0.894101257	0.993422442
<i>Paqr7</i>	-0.19269015	0.135231298	-1.424893145	0.154188091	0.854159937
<i>Aunip</i>	0.251434544	1.229745634	0.204460611	0.83799357	0.992886758
<i>Mtfr1l</i>	-0.122704372	0.11367204	-1.079459577	0.280382904	0.903192609
<i>Sepn1</i>	-0.315131468	0.168736553	-1.867594559	0.061818605	0.725730283
<i>Man1c1</i>	0.083723333	0.331478191	0.25257569	0.800596117	0.990988839
<i>Ldlrap1</i>	-0.009745505	0.212361859	-0.045891031	0.963397103	0.996474415
<i>Tmem57</i>	-0.19471584	0.188043122	-1.035485041	0.300442449	0.910285132
<i>Rhd</i>	-2.511720691	1.447971073	-1.734648391	0.082803103	0.76099108
<i>Tmem50a</i>	0.091641799	0.113104665	0.810238898	0.417802886	0.943415794
<i>Rsrp1</i>	-0.119723248	0.121734827	-0.983475732	0.325373354	0.91640698
<i>Syf2</i>	0.064432274	0.093029087	0.692603534	0.488558392	0.95849918
<i>Runx3</i>	-0.67944502	0.695574134	-0.976811797	0.328662335	0.917115058
<i>Clic4</i>	-0.235987823	0.12405438	-1.902293359	0.057132813	0.721735927
<i>Srrm1</i>	-0.018278494	0.171999771	-0.106270455	0.915367773	0.994688009
<i>Ncmap</i>	-0.39740597	0.357151509	-1.112709761	0.265833102	0.89768067
<i>Rcan3</i>	-0.196410117	0.190725916	-1.029802982	0.303102501	0.911623139
<i>Nipal3</i>	0.183743657	0.168676507	1.089325714	0.276010277	0.900302631
<i>Stpg1</i>	-0.158285167	0.618307197	-0.255997613	0.79795268	0.990988839
<i>Grhl3</i>	0.27016175	1.120665274	0.241072653	0.809498808	0.991295569
<i>Ifnlr1</i>	-0.407139986	0.209612745	-1.942343656	0.052095511	0.707153766
<i>Il22ra1</i>	-0.15064191	0.386755327	-0.389501835	0.696904953	0.987518602
<i>Myom3</i>	-0.122586664	0.456829444	-0.268342301	0.788435848	0.990988839
<i>Srsf10</i>	0.00975846	0.127463919	0.076558607	0.938974689	0.994688009
<i>Pnrc2</i>	0.161097614	0.120777313	1.333840025	0.182256291	0.868546072
<i>Cnr2</i>	0.157655181	0.26748503	0.589398148	0.555594219	0.968926429
<i>Fuca1</i>	-0.034001325	0.111439209	-0.305110971	0.760281636	0.989266039
<i>Hmgcl</i>	0.260102681	0.165543539	1.571204066	0.116135256	0.811920148
<i>Gale</i>	-0.022283726	0.151011462	-0.147563145	0.882687543	0.992886758
<i>Lypla2</i>	-0.002359121	0.178246678	-0.013235146	0.98944019	0.998182772
<i>Pithd1</i>	0.066430019	0.103823396	0.639836697	0.522278772	0.965494283
<i>Tceb3</i>	-0.183962148	0.107410663	-1.712699117	0.086767908	0.765418158
<i>Rpl11</i>	0.460701598	0.245475066	1.876775532	0.060548865	0.725221283
<i>Id3</i>	0.115192314	0.097844691	1.177297549	0.239076765	0.896609492
<i>E2f2</i>	-0.155408992	0.17000912	-0.914121504	0.360653004	0.925913281
<i>Asap3</i>	0.022989158	0.318930109	0.072082118	0.942536557	0.994688009
<i>Tcea3</i>	-0.142434283	0.114536286	-1.243573435	0.213656598	0.884945675
<i>Zfp46</i>	0.050516963	0.275859218	0.183125884	0.854699246	0.992886758
<i>Hnrnp1</i>	0.143030902	0.146659529	0.975258152	0.329432223	0.917115058
<i>Luzp1</i>	-0.120880879	0.209374314	-0.577343403	0.563707499	0.969658675
<i>Kdm1a</i>	-0.074260625	0.120083742	-0.618406983	0.536307096	0.96674935
<i>Ephb2</i>	-0.540907027	0.593937806	-0.910713245	0.362446484	0.926455466
<i>C1qb</i>	-0.210982932	0.185136461	-1.139607678	0.254449785	0.897044747
<i>C1qc</i>	-0.102540818	0.173961365	-0.589445923	0.555562178	0.968926429
<i>C1qa</i>	-0.057670361	0.16891737	-0.341411667	0.732793693	0.988585656
<i>Zbtb40</i>	0.012114209	0.364437416	0.03324085	0.973482523	0.997148871
<i>Wnt4</i>	-0.382985937	0.193467494	-1.979588037	0.047749838	0.701952043
<i>Cdc42</i>	0.103703618	0.089554004	1.158000908	0.246863666	0.896939594
<i>Hspg2</i>	0.193719837	0.172550148	1.122687163	0.261570382	0.897248195
<i>Usp48</i>	-0.034301708	0.193093649	-0.177642859	0.859003463	0.992886758
<i>Rap1gap</i>	-0.350526897	0.222665369	-1.574231765	0.115433878	0.81007959
<i>Alpl</i>	-0.885844147	0.604952735	-1.4643196	0.143106644	0.840741274
<i>Ece1</i>	-0.230249972	0.183808951	-1.252659196	0.210329762	0.884340413
<i>Eif4g3</i>	-0.039014616	0.131165669	-0.29744533	0.766126541	0.989884648
<i>Hp1bp3</i>	-0.129411374	0.13028976	-0.993258207	0.320584139	0.91640698
<i>Sh2d5</i>	1.327972321	0.826013453	1.607688489	0.107903421	0.796929372
<i>Kif17</i>	-0.002174694	0.944859695	-0.002301605	0.998163586	0.999591134
<i>Ddost</i>	-0.023359392	0.110368291	-0.211649486	0.832380499	0.992886758
<i>Pink1</i>	0.027295712	0.098867398	0.276084054	0.782483508	0.990988839

<i>Cda</i>	0.225002572	0.395744824	0.568554681	0.569658387	0.97144955
<i>Mul1</i>	-0.048868646	0.15190718	-0.321700698	0.747679449	0.988585656
<i>Camk2n1</i>	0.017110455	0.098048083	0.174510859	0.861463997	0.992886758
<i>Ubxn10</i>	-0.242130958	0.179641061	-1.347859761	0.177703492	0.866855369
<i>Pla2g2c</i>	0.517123643	0.558918668	0.925221633	0.354850633	0.924354588
<i>Pla2g2d</i>	-1.066921829	0.606563859	-1.758960433	0.078584229	0.754732183
<i>Pla2g5</i>	0.28563745	0.604023081	0.472891614	0.636290508	0.977284137
<i>Pla2g2e</i>	0.179701425	2.224237576	0.08079237	0.935607076	0.994688009
<i>Otud3</i>	0.049318307	0.376511667	0.13098746	0.895785227	0.993781709
<i>Rnf186</i>	-0.128192529	0.152139978	-0.842595948	0.399454458	0.936273856
<i>Tmco4</i>	-0.035528023	0.258642579	-0.137363394	0.890743564	0.993043931
<i>Nbl1</i>	-0.159954955	0.125742961	-1.2720788	0.203345123	0.882809131
<i>Minos1</i>	0.380619416	0.195076471	1.95112929	0.051041668	0.707153766
<i>Capzb</i>	0.13562942	0.085075637	1.594221629	0.110886404	0.800111791
<i>Pqlc2</i>	-0.404154309	0.315022137	-1.282939393	0.19951331	0.880888611
<i>Akr7a5</i>	-0.057448169	0.173322282	-0.331452879	0.740302428	0.988585656
<i>Mrto4</i>	0.29097189	0.153743001	1.89258626	0.058412912	0.72285319
<i>Emc1</i>	0.238890095	0.201416263	1.186051666	0.235601896	0.896002526
<i>Ubr4</i>	-0.05040799	0.276763646	-0.182133711	0.855477793	0.992886758
<i>Iffo2</i>	0.048550499	0.182345056	0.266256185	0.790041915	0.990988839
<i>Aldh4a1</i>	-0.30608462	0.161405825	-1.896366633	0.057911581	0.72285319
<i>Klhdc7a</i>	-0.321714236	0.195557016	-1.64511733	0.099945617	0.788783372
<i>Arhgef10l</i>	-0.112913205	0.274486048	-0.411362274	0.680806913	0.984285351
<i>Rcc2</i>	0.041201008	0.20595021	0.200053248	0.841438937	0.992886758
<i>Padi4</i>	0.294435432	0.417192887	0.70575372	0.480341307	0.957463006
<i>Padi3</i>	1.101570394	1.633927608	0.674185557	0.500193351	0.9611436
<i>Padi1</i>	-1.307241963	0.997111251	-1.311029198	0.189847899	0.876349068
<i>Padi2</i>	0.573122812	0.780295182	0.734494874	0.462647183	0.953083512
<i>Gm13031</i>	3.53814332	2.464786379	1.435476661	0.151151314	0.850827708
<i>Sdhb</i>	0.136358963	0.118758444	1.148204355	0.250884212	0.896939594
<i>Atp13a2</i>	-0.18748222	0.241023139	-0.777859839	0.436651646	0.946762848
<i>Mfap2</i>	0.14814686	0.179813828	0.823890253	0.410001919	0.940983181
<i>Crocc</i>	1.094479643	0.454784242	2.406590956	0.016102194	0.560555474
<i>Necap2</i>	-0.035545729	0.122226512	-0.290818482	0.771190149	0.989990452
<i>Szrd1</i>	0.194389987	0.092786276	2.095029527	0.036168368	0.676427194
<i>Fbxo42</i>	-0.442354736	0.314167438	-1.408022226	0.159124489	0.856303734
<i>Rsg1</i>	0.14597542	0.872066371	0.167390264	0.867062985	0.992886758
<i>Arhgef19</i>	0.035030005	0.28140737	0.124481477	0.900934066	0.994688009
<i>Epha2</i>	-0.368777395	0.259706705	-1.419976415	0.155614547	0.855261441
<i>Fam131c</i>	-0.153254933	0.619854564	-0.247243372	0.804719881	0.990988839
<i>Hspb7</i>	-0.103908554	0.351843056	-0.29532643	0.767744528	0.989990452
<i>Zbtb17</i>	0.151868796	0.138573611	1.09594313	0.273103663	0.898826892
<i>Spen</i>	0.298318502	0.356371987	0.837098631	0.40253713	0.937834293
<i>B330016D10Rik</i>	0.260475794	0.256084213	1.017148974	0.309082565	0.9139204
<i>Fblim1</i>	-0.234288235	0.21694634	-1.079936331	0.280170533	0.903192609
<i>Tmem82</i>	0.153044181	0.713322003	0.214551325	0.830117147	0.992886758
<i>AI507597</i>	2.08895092	1.534621176	1.361216014	0.173445435	0.863528862
<i>Slc25a34</i>	0.982959757	0.466174538	2.108565948	0.034982065	0.674795441
<i>Plekhn2</i>	0.105719688	0.200574774	0.527083671	0.598135486	0.974001549
<i>Ddi2</i>	-0.142861513	0.359054596	-0.397882423	0.690716857	0.986039532
<i>Agmat</i>	0.098625899	0.692118484	0.142498576	0.886686204	0.992886758
<i>Dnajc16</i>	-0.38018121	0.321280189	-1.183332253	0.236677495	0.896358698
<i>Casp9</i>	0.373649407	0.293248591	1.274172897	0.202602148	0.88210274
<i>Cela2a</i>	-2.16742168	2.152954027	-1.006719908	0.314069392	0.91586731
<i>Efh2</i>	-0.021197075	0.116363112	-0.182163188	0.855454662	0.992886758
<i>Fhad1</i>	-0.28037259	0.242007572	-1.158528172	0.246648562	0.896939594
<i>4930455G09Rik</i>	-0.060086668	0.607991097	-0.098828203	0.921274675	0.994688009
<i>Tmem51</i>	-0.068079164	0.167009641	-0.407636133	0.683540833	0.984769452
<i>Tmem51os1</i>	-0.376997337	1.100550709	-0.342553355	0.731934498	0.988585656
<i>Kazn</i>	0.14753922	0.242943942	0.607297383	0.543653574	0.967491297
<i>Prdm2</i>	-0.335599373	0.173391708	-1.935498395	0.052929165	0.707153766
<i>Pdpn</i>	-0.018022375	0.111630792	-0.161446267	0.871741929	0.992886758

<i>Pramef8</i>	-0.370638319	0.219867062	-1.68573826	0.091846224	0.772516176
<i>Pramef12</i>	0.826927544	0.724138226	1.141947094	0.253476011	0.897044747
<i>Dhrs3</i>	-0.182201589	0.124289649	-1.46594338	0.142663713	0.840741274
<i>Vps13d</i>	-0.049974282	0.203807036	-0.24520391	0.806298549	0.99099448
<i>Tnfrsf1b</i>	-0.145867344	0.198953283	-0.733173845	0.463452406	0.953083512
<i>Tnfrsf8</i>	-0.453810842	2.011163982	-0.225645868	0.821476863	0.992886758
<i>Smarca5-ps</i>	0.12622442	1.605288878	0.078630346	0.93732665	0.994688009
<i>Gm13212</i>	-0.901235534	0.538678799	-1.673048088	0.09431783	0.777748075
<i>Gm13242</i>	0.543277357	1.616609511	0.336059731	0.736825824	0.988585656
<i>Gm13251</i>	-0.36286283	0.283909207	-1.278094618	0.201216066	0.881187967
<i>Zfp600</i>	-1.555188698	1.748565773	-0.889408178	0.373783752	0.928840865
<i>Gm13139</i>	0.05627236	1.103964533	0.050972978	0.959347053	0.996367077
<i>Znf41-ps</i>	0.40776918	0.512089418	0.796285113	0.425866336	0.944290206
<i>Gm13152</i>	0.661749879	0.387233313	1.708917743	0.087466187	0.766704005
<i>Gm13154</i>	1.417122008	1.122466417	1.262507266	0.206766313	0.883765092
<i>2610305D13Rik</i>	-0.254220195	0.271965037	-0.934753224	0.349915491	0.922206653
<i>Gm13157</i>	0.233360998	0.131555674	1.773857348	0.076086749	0.752876039
<i>Rps19-ps3</i>	0.32369814	0.434504814	0.744981712	0.456282776	0.951472839
<i>Zfp933</i>	0.083505949	0.166358585	0.50196357	0.615693147	0.974001549
<i>Miip</i>	0.218259209	0.17220231	1.267458079	0.204991544	0.883765092
<i>Fv1</i>	-0.012550118	0.422456656	-0.029707469	0.976300355	0.997262526
<i>Mfn2</i>	0.077268287	0.173757292	0.444690903	0.656543145	0.979614766
<i>Plod1</i>	-0.023972935	0.206886539	-0.115874794	0.907751772	0.994688009
<i>2510039O18Rik</i>	0.169035806	0.190766377	0.886088042	0.375570086	0.928883222
<i>Nppb</i>	1.222740944	0.74039146	1.651478994	0.098640807	0.786907305
<i>Nppa</i>	0.481532137	0.551936587	0.872441053	0.382967813	0.931395363
<i>Clcn6</i>	-0.02790437	0.567669613	-0.049156004	0.960794972	0.996474415
<i>Mthfr</i>	-0.106646955	0.240920716	-0.442664113	0.658008703	0.979614766
<i>Agtrap</i>	-0.010045803	0.123357896	-0.081436236	0.935095032	0.994688009
<i>Draxin</i>	0.25926507	0.986705348	0.26275835	0.792736839	0.990988839
<i>Mad2l2</i>	0.267032321	0.205790861	1.29759077	0.194427996	0.879588734
<i>Fbxo6</i>	0.065490536	0.153085933	0.427802441	0.668794959	0.981863224
<i>Fbxo44</i>	-0.019799519	0.238818215	-0.082906236	0.933926096	0.994688009
<i>Fbxo2</i>	-0.058145134	0.350824887	-0.165738338	0.868362874	0.992886758
<i>Ubiad1</i>	-0.478547701	0.25319515	-1.890035025	0.058753276	0.72285319
<i>Mtor</i>	0.47284744	0.160967162	2.937539774	0.003308277	0.357710224
<i>Angptl7</i>	-0.080696619	0.435642175	-0.185236011	0.853043925	0.992886758
<i>Exosc10</i>	-0.003500379	0.158821211	-0.022039748	0.982416249	0.997390438
<i>Srm</i>	0.013860389	0.244019906	0.05680024	0.954704323	0.996070133
<i>Tardbp</i>	0.000489527	0.101249362	0.004834867	0.99614235	0.999379819
<i>Casz1</i>	-0.038748495	0.216293016	-0.179148158	0.857821369	0.992886758
<i>Pex14</i>	-0.177736294	0.150985353	-1.17717574	0.23912537	0.896609492
<i>Dffa</i>	0.093423831	0.175202881	0.533232277	0.593872801	0.974001549
<i>Apitd1</i>	0.2133235	0.398075654	0.535886828	0.592036768	0.974001549
<i>Pgd</i>	-0.049429947	0.189412092	-0.260965105	0.794119417	0.990988839
<i>Kif1b</i>	0.112148323	0.158530766	0.707423081	0.479303597	0.957463006
<i>Ube4b</i>	0.086072998	0.260069813	0.330961126	0.740673849	0.988585656
<i>Rbp7</i>	0.174765803	0.569242403	0.307014731	0.75883216	0.989266039
<i>Nmnat1</i>	0.447222058	0.252167761	1.77351005	0.076144228	0.752876039
<i>Lzic</i>	0.070757543	0.152306417	0.464573613	0.642236832	0.978415289
<i>Ctnnbip1</i>	0.200956486	0.164693563	1.220184219	0.222395048	0.892391445
<i>Clstn1</i>	-0.13887079	0.145811893	-0.952396868	0.340895747	0.919850248
<i>Pik3cd</i>	-0.074654724	0.190728353	-0.391419121	0.695487461	0.98715859
<i>Tmem201</i>	0.620510846	0.364233965	1.703605117	0.088454885	0.767814344
<i>Slc25a33</i>	-0.159305311	0.214726904	-0.7418973	0.458149562	0.952235842
<i>Spsb1</i>	-0.688878317	0.325190779	-2.118382078	0.034142722	0.673246654
<i>H6pd</i>	-0.301200066	0.155225867	-1.940398673	0.052331258	0.707153766
<i>Gpr157</i>	-0.420093846	0.369553228	-1.136761401	0.255638043	0.897044747
<i>Slc2a5</i>	0.605611069	1.622649621	0.373223561	0.708982062	0.988585656
<i>Car6</i>	-4.835114834	2.221229616	-2.176773981	0.029497435	0.64858361
<i>Rere</i>	-0.285161508	0.253105027	-1.126652881	0.259889272	0.897248195
<i>Errfi1</i>	-0.373805647	0.203815163	-1.834042383	0.066647703	0.738254074

<i>Park7</i>	0.157569697	0.091164762	1.728405743	0.083915507	0.76099108
<i>Tnfrsf9</i>	-0.557184279	0.652394908	-0.854059823	0.393071844	0.933734231
<i>Per3</i>	-0.540245808	0.263414404	-2.050934952	0.040273282	0.679118604
<i>Vamp3</i>	0.131633802	0.138892791	0.947736753	0.343263485	0.920191602
<i>Camta1</i>	0.21682726	0.204688372	1.059304235	0.289461247	0.907334416
<i>Dnajc11</i>	-0.144802394	0.210804773	-0.686902827	0.492143966	0.958916246
<i>Thap3</i>	0.232979773	0.154157337	1.511311615	0.130709076	0.827800491
<i>Phf13</i>	-0.418064771	0.210414846	-1.986859669	0.04693795	0.698868643
<i>Klhl21</i>	-0.07990369	0.223665797	-0.357245904	0.720907724	0.988585656
<i>Zbtb48</i>	0.124853997	0.171898982	0.72632191	0.467641451	0.953657709
<i>Tas1r1</i>	1.391715351	1.074048057	1.295766369	0.195055988	0.879588734
<i>Nol9</i>	-0.217597432	0.195932263	-1.11057479	0.266751419	0.89768067
<i>Plekhg5</i>	-0.038059991	0.252806686	-0.150549781	0.880330878	0.992886758
<i>Tnfrsf25</i>	-0.156529262	0.359531527	-0.43537006	0.663293839	0.980889931
<i>Espn</i>	-0.362658997	0.318181133	-1.139787874	0.254374687	0.897044747
<i>Hes2</i>	0.638803321	0.510268012	1.251897643	0.210607164	0.884340413
<i>Acot7</i>	0.066909754	0.123529991	0.541647848	0.588061123	0.973455044
<i>Gpr153</i>	0.105430886	0.233196666	0.452111462	0.651188687	0.979004493
<i>lcmt</i>	-0.114664246	0.19655824	-0.583360155	0.559650875	0.968926429
<i>Rpl22</i>	0.332154899	0.189776134	1.750245889	0.080075894	0.75659671
<i>Chd5</i>	0.796214187	0.967722933	0.822770816	0.410638336	0.941195652
<i>Kcnab2</i>	0.585199696	0.358716691	1.631370134	0.102812243	0.7899367
<i>Nphp4</i>	0.307809351	0.60530353	0.508520661	0.611088254	0.974001549
<i>Ajap1</i>	0.510094985	1.920018207	0.265671952	0.790491866	0.990988839
<i>A430005L14Rik</i>	0.338199741	0.192700042	1.755057947	0.079249397	0.75659671
<i>Dffb</i>	0.08304071	0.227383975	0.365200361	0.714961849	0.988585656
<i>Cep104</i>	-0.116100499	0.20586216	-0.563972025	0.572773171	0.971613657
<i>Lrrc47</i>	-0.157687371	0.44667894	-0.353021727	0.724072152	0.988585656
<i>Smim1</i>	0.243082422	0.211583639	1.148871543	0.250608953	0.896939594
<i>Ccdc27</i>	0.25909875	0.637969725	0.406130166	0.684646962	0.985105247
<i>Trp73</i>	0.077771568	0.322137038	0.241423862	0.80922662	0.991295569
<i>Wdr8</i>	0.015661018	0.179370008	0.087311241	0.930424119	0.994688009
<i>Tprgl</i>	-0.01448841	0.089654979	-0.161601843	0.871619406	0.992886758
<i>Megf6</i>	-0.082391827	0.167102561	-0.493061423	0.621969187	0.97514112
<i>Arhgef16</i>	-0.109758867	0.209730757	-0.523332238	0.60074307	0.974001549
<i>Prdm16</i>	-0.062200073	0.20467122	-0.30390239	0.761202257	0.989266039
<i>5930403L14Rik</i>	-0.023305939	0.440600018	-0.05289591	0.957814843	0.996226826
<i>Ttc34</i>	0.705689188	0.664139749	1.06256129	0.28798095	0.907334416
<i>Fam213b</i>	0.425455042	0.204493668	2.080529172	0.037477023	0.679118604
<i>Tnfrsf14</i>	-0.108425912	0.380132387	-0.285231977	0.775466423	0.990861469
<i>Pank4</i>	0.153109262	0.144824548	1.057205176	0.290417958	0.907334416
<i>Plch2</i>	0.099904191	0.790499451	0.1263811	0.899430262	0.99447264
<i>Pex10</i>	0.291402255	0.143294879	2.033584575	0.041993498	0.679118604
<i>Rer1</i>	0.12967175	0.13089984	0.9906181	0.321872096	0.91640698
<i>Morn1</i>	-0.023454384	0.243652243	-0.09626172	0.923312713	0.994688009
<i>Ski</i>	-0.068534575	0.235384763	-0.291159775	0.770929125	0.989990452
<i>Faap20</i>	-0.058948095	0.162313315	-0.363174736	0.716474359	0.988585656
<i>Prkcz</i>	-0.102565329	0.151261795	-0.678064998	0.497730482	0.960700483
<i>Gabrd</i>	-0.398879535	0.875139928	-0.455789437	0.648541401	0.979004493
<i>5830444B04Rik</i>	0.253473498	0.506107724	0.500829144	0.616491373	0.974001549
<i>Cfap74</i>	-0.310832397	0.326277826	-0.952661729	0.34076149	0.919850248
<i>Tmem52</i>	-0.394813352	0.940018014	-0.420006155	0.674480958	0.983412269
<i>Gnb1</i>	0.062031022	0.09033825	0.686652913	0.492301476	0.958916246
<i>Nadk</i>	-0.061195249	0.087622966	-0.698392804	0.484931575	0.957710647
<i>Slc35e2</i>	-0.22015247	0.273761116	-0.804177282	0.421294597	0.943415794
<i>Gm16023</i>	0.522376998	0.459919414	1.135801149	0.256039796	0.897248195
<i>Cdk11b</i>	-0.122449772	0.173086458	-0.707448597	0.479287746	0.957463006
<i>Mmp23</i>	-0.055347343	0.250995641	-0.220511172	0.825473072	0.992886758
<i>Mib2</i>	0.107949442	0.161658591	0.667761865	0.504285613	0.96186221
<i>B930041F14Rik</i>	0.443083161	0.403233816	1.098824411	0.271844663	0.89804647
<i>Ssu72</i>	0.066466666	0.149049248	0.445937616	0.65564231	0.979294848
<i>Tmem240</i>	0.98659936	0.579899815	1.701327256	0.088881553	0.767814344

<i>Atad3a</i>	0.049765832	0.203813702	0.244173141	0.807096728	0.99099448
<i>Atad3aos</i>	0.629780746	0.445736001	1.412900785	0.157684898	0.855986074
<i>Vwa1</i>	0.005632905	0.245316682	0.022961768	0.98168077	0.997390438
<i>Tmem88b</i>	0.553945697	0.625065368	0.886220427	0.375498758	0.928883222
<i>Mrpl20</i>	0.201068335	0.154808455	1.298820114	0.19400567	0.879588734
<i>Ccnl2</i>	0.044256188	0.125376384	0.352986637	0.724098458	0.988585656
<i>Aurkaip1</i>	0.058367044	0.142971063	0.40824376	0.683094724	0.984738223
<i>Mxra8</i>	-0.301168386	0.174073353	-1.73012343	0.083608225	0.76099108
<i>Dvl1</i>	0.006858243	0.132637102	0.05170682	0.958762303	0.996226826
<i>Tas1r3</i>	0.190098726	1.13506865	0.167477735	0.866994165	0.992886758
<i>Cptp</i>	0.035589368	0.234715432	0.151627728	0.879480563	0.992886758
<i>Cpsf3l</i>	0.180790208	0.116659614	1.54972404	0.121207766	0.816233249
<i>Pusl1</i>	0.212224914	0.203227503	1.044272608	0.296359282	0.909005508
<i>Acap3</i>	-0.298352332	0.231183251	-1.290544753	0.196861584	0.879755417
<i>Ube2j2</i>	0.323527167	0.404208756	0.800396235	0.423481261	0.94351935
<i>Fam132a</i>	0.330535212	0.188657373	1.752039722	0.079766978	0.75659671
<i>B3galt6</i>	-0.318271151	0.200395802	-1.588212665	0.112238258	0.801274176
<i>Sdf4</i>	0.126569	0.092635025	1.366319053	0.171838843	0.86244803
<i>Tnfrsf4</i>	0.003127635	0.396500763	0.007888093	0.993706278	0.999270171
<i>Gm10560</i>	0.438339934	0.470570506	0.931507453	0.351591131	0.923082865
<i>Tnfrsf18</i>	0.099736046	0.257688676	0.387040858	0.69872596	0.987770663
<i>Ttll10</i>	-0.272373863	0.480729392	-0.566584586	0.57099645	0.971613657
<i>9430015G10Rik</i>	-0.016207378	0.223684028	-0.072456572	0.942238565	0.994688009
<i>Agrn</i>	-0.000935377	0.116677061	-0.008016801	0.993603587	0.999270171
<i>Isg15</i>	0.300564683	0.208632268	1.44064332	0.149685475	0.848779008
<i>AW011738</i>	0.569683551	0.38244737	1.489573717	0.136336357	0.832457116
<i>Perm1</i>	-0.15226994	0.658792719	-0.231134825	0.817210061	0.992678823
<i>Plekhn1</i>	1.695402621	1.106927409	1.531629452	0.1256139	0.822401003
<i>Klhl17</i>	-0.036334349	0.18481217	-0.196601496	0.8441394	0.992886758
<i>Cdk6</i>	-0.666513354	0.36358707	-1.833160224	0.066778747	0.738254074
<i>Fam133b</i>	0.127376603	0.145954234	0.872716052	0.382817866	0.931207882
<i>1700109H08Rik</i>	0.159558777	1.615137651	0.098789584	0.921305339	0.994688009
<i>Rbm48</i>	-0.135510998	0.254591359	-0.532268649	0.594539943	0.974001549
<i>Pex1</i>	0.246740939	0.263606917	0.936018452	0.349263688	0.921585102
<i>Gatad1</i>	0.001668642	0.093503134	0.017845835	0.98576184	0.998148029
<i>Ankib1</i>	-0.18526455	0.122019166	-1.518323366	0.1289329	0.827295367
<i>Krit1</i>	-0.407549464	0.130211752	-3.129897719	0.001748672	0.284736028
<i>Mterf1a</i>	0.041103757	0.279320639	0.147156174	0.883008752	0.992886758
<i>Akap9</i>	0.289960168	0.191122564	1.517142518	0.129230705	0.827800491
<i>Cyp51</i>	-0.128267722	0.137836043	-0.930581866	0.352069899	0.923082865
<i>Mterf1b</i>	0.30982662	0.378444767	0.818683852	0.412966812	0.942708418
<i>Fzd1</i>	0.144464835	0.228054875	0.633465233	0.526429878	0.965637248
<i>Cdk14</i>	-0.041721219	0.107272543	-0.388927284	0.697329938	0.987548136
<i>Cldn12</i>	-0.137106146	0.10912077	-1.256462409	0.208948367	0.884258007
<i>Gtpbp10</i>	-0.18306798	0.163230115	-1.121533119	0.262061002	0.897248195
<i>Cfap69</i>	-0.17336378	0.155724423	-1.113272898	0.265591242	0.89768067
<i>Steap2</i>	-0.162000163	0.215689237	-0.751081348	0.4526037	0.949827842
<i>Steap1</i>	-0.385071352	0.341174315	-1.128664541	0.259039373	0.897248195
<i>Steap4</i>	-0.010517758	0.229253058	-0.045878377	0.963407189	0.996474415
<i>Sri</i>	0.341108394	0.076872839	4.437307106	9.11E-06	0.008748514
<i>Adam22</i>	-0.122868468	0.277161721	-0.443309658	0.657541771	0.979614766
<i>Dbf4</i>	-0.038175524	0.229250699	-0.166523041	0.867745352	0.992886758
<i>Slc25a40</i>	-0.006327853	0.167859135	-0.037697401	0.969928948	0.996628386
<i>Rundc3b</i>	-0.181428897	0.417890833	-0.43415381	0.664176752	0.981154469
<i>Abcb1a</i>	0.420403952	0.246877245	1.702886598	0.088589293	0.767814344
<i>Abcb1b</i>	0.262639229	0.215069109	1.221185272	0.222015879	0.892161767
<i>Abcb4</i>	0.460017849	1.103273822	0.416957096	0.67670979	0.983549699
<i>Crot</i>	-0.001047769	0.131728589	-0.007953997	0.993653695	0.999270171
<i>Tmem243</i>	0.023675688	0.160282301	0.147712429	0.882569722	0.992886758
<i>Dmtf1</i>	-0.009786342	0.13692451	-0.071472533	0.943021684	0.994819052
<i>9330182L06Rik</i>	-0.201670331	0.265060535	-0.760846316	0.446748867	0.948476747
<i>Sema3d</i>	-0.140451988	0.2093914	-0.670762927	0.502371568	0.961573341

<i>Sema3a</i>	0.260611845	0.139149749	1.87288764	0.061083902	0.725221283
<i>Sema3e</i>	-0.000299773	0.122637546	-0.00244438	0.998049669	0.999591134
<i>Pclo</i>	-0.829051245	0.572769969	-1.447441887	0.147773201	0.846989858
<i>Speer4e</i>	-0.396688592	0.451085276	-0.87940931	0.379179386	0.929137643
<i>4930572O03Rik</i>	0.159701707	0.645330478	0.247472749	0.804542379	0.990988839
<i>Speer4c</i>	-0.208740719	0.646801123	-0.322727825	0.746901377	0.988585656
<i>Cacna2d1</i>	-0.223515379	0.210987618	-1.059376755	0.289428231	0.907334416
<i>Hgf</i>	-0.547494768	0.30527909	-1.793423744	0.072905194	0.748701713
<i>Speer4f1</i>	0.534044028	0.689821716	0.774176885	0.438826196	0.947838535
<i>Sema3c</i>	0.188112438	0.118440919	1.58823859	0.112232398	0.801274176
<i>Cd36</i>	-0.058191885	0.154864704	-0.375759505	0.707095696	0.988585656
<i>Gnat3</i>	0.349643946	2.548080714	0.137218552	0.890858047	0.993043931
<i>Gnai1</i>	0.067346006	0.143706044	0.468637253	0.639328945	0.977843986
<i>4921504A21Rik</i>	0.151328485	0.616646452	0.245405588	0.806142403	0.99099448
<i>Magi2</i>	-0.365768613	0.355760287	-1.02813222	0.303887636	0.911786415
<i>Phtf2</i>	0.098976108	0.303742648	0.325855157	0.744533945	0.988585656
<i>Tmem60</i>	-0.122352537	0.208554217	-0.586670165	0.557425249	0.968926429
<i>Rsbn1l</i>	0.076927545	0.154144733	0.499060487	0.617736773	0.974153
<i>A630072M18Rik</i>	-0.262914244	0.276529765	-0.950762909	0.341724745	0.919850248
<i>Ptpn12</i>	-0.039327405	0.11670037	-0.336994692	0.736120901	0.988585656
<i>Gsap</i>	0.024352765	0.142347353	0.171079858	0.864160973	0.992886758
<i>Ccdc146</i>	-0.109762684	0.207772377	-0.528283335	0.597302696	0.974001549
<i>Fgl2</i>	-0.050519886	0.138951996	-0.363577982	0.716173171	0.988585656
<i>Fam185a</i>	0.059998166	0.406256891	0.147685289	0.882591142	0.992886758
<i>Fbxl13</i>	0.225716956	0.371282172	0.607939118	0.543227854	0.967491297
<i>Lrrc17</i>	-0.000652595	0.295745204	-0.002206612	0.99823938	0.999591134
<i>Armc10</i>	0.022219079	0.135065225	0.164506289	0.869332596	0.992886758
<i>Napepld</i>	-0.077073287	0.263301537	-0.292718713	0.769737165	0.989990452
<i>Pmpcb</i>	0.131143266	0.113485784	1.155592024	0.247848072	0.896939594
<i>Dnajc2</i>	-0.231760253	0.148395676	-1.56177228	0.118341644	0.814755048
<i>Psmc2</i>	-0.081810127	0.096182125	-0.85057517	0.395005387	0.933933717
<i>Reln</i>	0.324576559	0.644592705	0.503537438	0.614586465	0.974001549
<i>Orc5</i>	-0.005152946	0.165176971	-0.031196517	0.975112817	0.997262526
<i>Gm15421</i>	0.281092562	0.32863857	0.855324322	0.392371627	0.933734231
<i>6030443J06Rik</i>	-0.36966417	0.984794305	-0.375371961	0.707383854	0.988585656
<i>Lhfp13</i>	-0.824794867	1.061497878	-0.777010378	0.437152648	0.94702277
<i>5031425E22Rik</i>	0.343865676	0.123947515	2.774284543	0.005532327	0.416706681
<i>Kmt2e</i>	-0.121422471	0.242209986	-0.501310756	0.616152436	0.974001549
<i>Srpk2</i>	-0.12112027	0.141742753	-0.854507673	0.39282376	0.933734231
<i>AI506816</i>	-1.061038681	1.233184794	-0.860405258	0.389565688	0.933734231
<i>Pus7</i>	-0.151913769	0.190791439	-0.796229484	0.425898663	0.944290206
<i>Rint1</i>	0.092356958	0.157635519	0.585889261	0.557949935	0.968926429
<i>Tomm7</i>	0.472126003	0.172206987	2.741619327	0.006113715	0.427133716
<i>2700038G22Rik</i>	-1.737545133	0.7428379	-2.339063655	0.019332139	0.592187315
<i>Fam126a</i>	-0.069040472	0.13281442	-0.519826629	0.603184418	0.974001549
<i>Kilhl7</i>	-0.110762894	0.13105912	-0.845136863	0.398034429	0.935327115
<i>Nupl2</i>	-0.855274031	0.446252201	-1.916571007	0.055292454	0.713080491
<i>Kcnh2</i>	0.105267535	0.429537991	0.245071535	0.806401043	0.99099448
<i>Nos3</i>	0.116921287	0.359367755	0.325352748	0.744914114	0.988585656
<i>Atg9b</i>	0.809058249	0.691991081	1.169174389	0.242333378	0.896939594
<i>Abcb8</i>	-0.38233699	0.257759515	-1.483308929	0.137992351	0.833827207
<i>Cdk5</i>	0.283301275	0.13769885	2.057397537	0.039648002	0.679118604
<i>Slc4a2</i>	-0.0305182	0.163960862	-0.186131005	0.852342028	0.992886758
<i>Fastk</i>	-0.044872211	0.165695651	-0.270811035	0.786536372	0.990988839
<i>Tmub1</i>	0.254847275	0.163644857	1.557319177	0.119394725	0.81558552
<i>Agap3</i>	-0.035855067	0.190038999	-0.188672153	0.850349778	0.992886758
<i>Asb10</i>	1.638044312	1.04046053	1.574345461	0.115407605	0.81007959
<i>Abcf2</i>	-0.138090876	0.125286687	-1.102199119	0.270375115	0.89804647
<i>Chpf2</i>	-0.139527444	0.22087261	-0.631710034	0.52757637	0.965637248
<i>Smarcd3</i>	0.046117141	0.195641869	0.235722248	0.813648205	0.992048071
<i>Nub1</i>	-0.002681271	0.141425148	-0.018958942	0.984873859	0.998148029
<i>Wdr86</i>	-0.213008038	0.529911639	-0.401968975	0.687706859	0.98538669

<i>Crygn</i>	0.945227588	0.526620655	1.794892735	0.072670792	0.74763454
<i>Rheb</i>	0.1204438	0.114038879	1.056164365	0.290893128	0.907334416
<i>Prkag2</i>	-0.086999946	0.138552535	-0.627920274	0.530056169	0.965888564
<i>2900005J15Rik</i>	-0.635886898	1.11331839	-0.571163563	0.567888775	0.971085047
<i>Galnt11</i>	-0.165440532	0.154935353	-1.067803622	0.285609104	0.905916508
<i>Kmt2c</i>	0.251663146	0.208333918	1.207979708	0.227055068	0.89398447
<i>4831440E17Rik</i>	0.535371501	0.339149038	1.578572959	0.114434041	0.809025248
<i>1700096K18Rik</i>	-0.106090527	0.364327014	-0.291195885	0.770901509	0.989990452
<i>Xrcc2</i>	-0.38386956	0.310307501	-1.237061815	0.216064135	0.887633697
<i>Actr3b</i>	0.711905853	0.415647293	1.71276432	0.086755907	0.765418158
<i>Dpp6</i>	0.117591887	0.829164883	0.141819666	0.88722245	0.992886758
<i>Paxip1</i>	-0.114634681	0.165121923	-0.694242645	0.487530053	0.958288569
<i>Insig1</i>	0.050429462	0.120963189	0.416899244	0.676752106	0.983549699
<i>Rbm33</i>	0.170688027	0.168232232	1.014597647	0.310297661	0.914704835
<i>Shh</i>	0.194263229	0.235403495	0.825235112	0.409238123	0.940809748
<i>9530036O11Rik</i>	-0.184394778	0.260590957	-0.707602367	0.479192223	0.957463006
<i>Rnf32</i>	-0.208388518	0.195707663	-1.064794882	0.286968762	0.906605838
<i>Lmbr1</i>	0.130173455	0.183267607	0.710291668	0.477523285	0.95716557
<i>Nom1</i>	-0.196627805	0.198684067	-0.989650596	0.32234493	0.91640698
<i>Ube3c</i>	-0.154360251	0.133498899	-1.156266103	0.247572329	0.896939594
<i>Gm5129</i>	0.354467582	1.933223584	0.18335571	0.854518925	0.992886758
<i>Dnajb6</i>	0.130686085	0.112246596	1.164276597	0.244311938	0.896939594
<i>Il6</i>	-0.21241968	0.918104796	-0.231367575	0.817029253	0.992678823
<i>Tyms</i>	0.200572593	0.207087738	0.968539204	0.33277515	0.917115058
<i>Gm4961</i>	1.302860796	1.679120314	0.775918667	0.43779701	0.94749626
<i>Hadha</i>	0.008439283	0.145784701	0.057888677	0.953837302	0.996070133
<i>Hadhb</i>	-0.297650683	0.131615779	-2.261512139	0.023727562	0.622011301
<i>Adgrf3</i>	0.513816345	1.690400089	0.30396138	0.761157314	0.989266039
<i>Ept1</i>	-0.159591409	0.180373782	-0.884781631	0.376274418	0.928883222
<i>Drc1</i>	-0.177411957	0.183777458	-0.965362996	0.334363029	0.918030088
<i>Otof</i>	1.302483568	1.717141952	0.758518285	0.448140771	0.948476747
<i>1700001C02Rik</i>	-0.109413334	0.200491149	-0.545726507	0.585253949	0.972904784
<i>Cib4</i>	1.832160209	0.793150307	2.309978567	0.020889341	0.604325792
<i>Gm9899</i>	-0.226721062	1.039358569	-0.218135559	0.827323493	0.992886758
<i>Kcnk3</i>	-0.105972101	0.28581995	-0.370765235	0.710812397	0.988585656
<i>Slc35f6</i>	-0.25697438	0.230712839	-1.113827826	0.265353057	0.89768067
<i>Cenpa</i>	0.339722877	0.207329671	1.638563723	0.101304153	0.788783372
<i>Dpysl5</i>	-0.304973322	0.637628236	-0.478293314	0.632441455	0.977034429
<i>Mapre3</i>	-0.544641208	0.201637974	-2.701084515	0.006911377	0.447859934
<i>Tmem214</i>	-0.203054846	0.169697287	-1.196570965	0.231473823	0.895404344
<i>Agbl5</i>	-0.262809039	0.325913405	-0.806376892	0.420025567	0.943415794
<i>Ost4</i>	0.052486805	0.157376352	0.333511384	0.738748298	0.988585656
<i>Emilin1</i>	0.100472641	0.242436728	0.4144283	0.678560467	0.983853811
<i>Khk</i>	0.408733709	0.207020701	1.974361538	0.048340648	0.706387941
<i>Cgref1</i>	0.44296373	0.418280394	1.059011459	0.289594561	0.907334416
<i>Preb</i>	-0.005123165	0.132730857	-0.038598149	0.969210778	0.996600044
<i>Tcf23</i>	0.848490526	0.426560832	1.989143077	0.046685413	0.698868643
<i>Slc5a6</i>	-0.155873241	0.252378717	-0.617616426	0.536828214	0.96674935
<i>Atraid</i>	-0.071430471	0.130087812	-0.54909426	0.582940764	0.972174584
<i>Cad</i>	-0.080060828	0.302383544	-0.264765823	0.791189867	0.990988839
<i>Trim54</i>	0.382828098	0.670102949	0.571297438	0.567798038	0.971054423
<i>Mpv17</i>	0.073873926	0.109289731	0.675945717	0.49907511	0.960700483
<i>Gtf3c2</i>	-0.199604825	0.164614043	-1.212562561	0.22529711	0.893255444
<i>Eif2b4</i>	0.188920518	0.150586456	1.254565135	0.209636667	0.884258007
<i>Snx17</i>	0.061553215	0.12704151	0.484512619	0.628022111	0.976968316
<i>Zfp513</i>	0.239118796	0.168741725	1.417069759	0.156462533	0.855455553
<i>Ppm1g</i>	-0.039191357	0.18878591	-0.207596831	0.835543779	0.992886758
<i>Nrbp1</i>	0.037557172	0.084564329	0.44412547	0.656951873	0.979614766
<i>Krtcap3</i>	0.099852937	0.177611462	0.562198726	0.573980629	0.971613657
<i>Ift172</i>	0.141810193	0.138000085	1.027609463	0.304133571	0.911786415
<i>Fndc4</i>	0.238281453	0.219061486	1.087737777	0.276710886	0.900604936
<i>Zfp512</i>	-0.071614826	0.195189021	-0.366899869	0.713693709	0.988585656

<i>Gpn1</i>	-0.00190052	0.125007991	-0.01520319	0.987870076	0.998148029
<i>Supt7l</i>	-0.212493072	0.28379031	-0.748767889	0.453997117	0.950796682
<i>Slc4a1ap</i>	-0.120611993	0.229047776	-0.526580068	0.598485237	0.974001549
<i>Al839979</i>	1.080204667	0.363520125	2.971512699	0.002963366	0.345591998
<i>Mrpl33</i>	0.240373864	0.245520029	0.979039735	0.327560347	0.917115058
<i>Rbks</i>	0.18641038	0.213087482	0.87480681	0.381679031	0.930635634
<i>Bre</i>	-0.233116259	0.194633396	-1.197719729	0.231026146	0.895404344
<i>Fosl2</i>	-0.134955117	0.282187935	-0.478245524	0.632475464	0.977034429
<i>Plb1</i>	-0.074252863	0.18810812	-0.394735021	0.693038454	0.986599035
<i>Ppp1cb</i>	0.074727813	0.118843137	0.628793679	0.529484139	0.965637248
<i>Yes1</i>	-0.119683311	0.117951436	-1.014682956	0.310256981	0.914704835
<i>Pisd</i>	-0.156913303	0.13839289	-1.133824889	0.256868009	0.897248195
<i>Prr14l</i>	-0.117536252	0.258208452	-0.455199089	0.648966016	0.979004493
<i>Depdc5</i>	-0.244658378	0.25109907	-0.974349995	0.329882789	0.917115058
<i>Ywhah</i>	0.050344746	0.091299731	0.551422717	0.581343932	0.971885891
<i>Slc5a1</i>	0.218519928	0.459589168	0.475467967	0.63445346	0.977034429
<i>Spon2</i>	0.232910306	0.334328034	0.696652037	0.486020582	0.957710647
<i>Ctbp1</i>	-0.044752416	0.126465315	-0.353871065	0.723435513	0.988585656
<i>Maea</i>	-0.03067663	0.104853921	-0.292565402	0.769854362	0.989990452
<i>Uvssa</i>	0.004618277	0.297760063	0.015510063	0.987625256	0.998148029
<i>Fam53a</i>	0.242357965	0.107097416	2.262967428	0.023637697	0.622011301
<i>Slbp</i>	-0.134612578	0.160032259	-0.84115902	0.400258855	0.936803788
<i>Tmem129</i>	-0.041359655	0.147855579	-0.279730095	0.779684587	0.990988839
<i>Tacc3</i>	-0.019997231	0.224181802	-0.089200956	0.928922206	0.994688009
<i>Fgfr3</i>	-0.19665273	0.173036729	-1.1364797	0.255755857	0.897044747
<i>Letm1</i>	-0.001890973	0.182197754	-0.010378686	0.991719156	0.998770784
<i>Whsc1</i>	-0.100050612	0.176049578	-0.568309296	0.569824968	0.97144955
<i>Nelfa</i>	-0.377352932	0.207552003	-1.818112698	0.06904691	0.743426713
<i>Gm1673</i>	-0.133194086	0.19985953	-0.666438503	0.505130859	0.962138588
<i>Nat8l</i>	-0.276047235	0.71797162	-0.384482099	0.700621161	0.988482081
<i>Poln</i>	0.390616889	0.377185296	1.035610065	0.300384094	0.910285132
<i>Haus3</i>	-0.069558854	0.259385658	-0.268167695	0.78857024	0.990988839
<i>Mxd4</i>	0.091990905	0.129496148	0.710375609	0.477471244	0.95716557
<i>Zfyve28</i>	-0.537029389	0.445524213	-1.205387661	0.228053683	0.894410876
<i>Rnf4</i>	-0.035077687	0.083042397	-0.422406964	0.672727995	0.983233856
<i>Fam193a</i>	-0.427825612	0.312499731	-1.369043135	0.170985792	0.86244803
<i>Tnip2</i>	-0.069192943	0.173783619	-0.398155728	0.690515398	0.986010574
<i>Sh3bp2</i>	0.280424289	0.167005255	1.679134521	0.09312583	0.775558829
<i>Add1</i>	-0.109598779	0.137852015	-0.795046621	0.426586383	0.944290206
<i>Mir7036b</i>	0.101362861	1.767867811	0.057336222	0.954277367	0.996070133
<i>Mfsd10</i>	-0.112327381	0.227931985	-0.492810963	0.622146164	0.97514112
<i>Nop14</i>	-0.242873087	0.200365485	-1.212150319	0.225454845	0.89336109
<i>Grk4</i>	0.405647629	0.262108284	1.547633764	0.121710497	0.816233249
<i>Htt</i>	-0.042689939	0.231791659	-0.184173749	0.853877153	0.992886758
<i>Msantd1</i>	0.956975851	0.755213718	1.267158989	0.205098447	0.883765092
<i>Rgs12</i>	0.059261088	0.161340121	0.367305339	0.713391272	0.988585656
<i>Hgfac</i>	-0.148269145	0.554503548	-0.267390795	0.789168286	0.990988839
<i>Dok7</i>	0.074762519	1.117384161	0.066908519	0.946654531	0.995172786
<i>Lrpap1</i>	-8.28E-05	0.099372835	-0.000833547	0.999334926	0.999886097
<i>Adra2c</i>	1.106696479	1.448333557	0.764117129	0.444797446	0.948476747
<i>Cpz</i>	-0.17773879	0.49573539	-0.358535609	0.719942524	0.988585656
<i>Trmt44</i>	-0.171406014	0.229798615	-0.745896637	0.455729857	0.95142233
<i>Acox3</i>	-0.148637329	0.202559029	-0.733797598	0.463072105	0.953083512
<i>Htra3</i>	-0.236249562	0.24814717	-0.952054229	0.34106948	0.919850248
<i>Sh3tc1</i>	-0.041728267	0.263314075	-0.158473365	0.874083807	0.992886758
<i>Abliim2</i>	-0.030451012	0.584448655	-0.052102116	0.958447327	0.996226826
<i>Afap1</i>	-0.396020911	0.383476532	-1.032712246	0.301738581	0.911518274
<i>Sorcs2</i>	-0.095358096	0.313737604	-0.303942194	0.761171931	0.989266039
<i>Psap1l</i>	-1.052174974	0.77541535	-1.356917907	0.174807296	0.864111192
<i>2210406O10Rik</i>	-1.122438566	2.267065737	-0.495106316	0.620525076	0.975013118
<i>Grpel1</i>	0.271234074	0.164700808	1.646829046	0.099593189	0.788783372
<i>Tada2b</i>	-0.215738377	0.201716592	-1.069512306	0.284838887	0.905916508

<i>Ccdc96</i>	0.021520184	0.349300279	0.061609409	0.950873884	0.99573416
<i>Tbc1d14</i>	0.101015353	0.136100221	0.742212997	0.457958295	0.952235842
<i>D5Ertd579e</i>	-0.302829023	0.184052767	-1.64533806	0.099900115	0.788783372
<i>Bloc1s4</i>	0.064131927	0.118942624	0.53918372	0.589760092	0.974001549
<i>Mrfap1</i>	0.042428961	0.11546251	0.367469588	0.713268773	0.988585656
<i>Man2b2</i>	-0.183741259	0.196371471	-0.935682041	0.34943692	0.921585102
<i>Ppp2r2c</i>	-0.308975622	0.359088821	-0.860443444	0.389544646	0.933734231
<i>Wfs1</i>	-0.395645198	0.386461643	-1.023763173	0.305947149	0.91333012
<i>Jakmip1</i>	0.143565591	1.048525013	0.136921475	0.891092864	0.993043931
<i>Crmp1</i>	3.64533413	1.651618875	2.207127919	0.027305124	0.636714037
<i>Evc</i>	0.047619538	0.329961208	0.144318595	0.885248895	0.992886758
<i>Evc2</i>	0.124467284	0.283707746	0.438716552	0.660866932	0.979924124
<i>Cytl1</i>	0.072387221	0.140042798	0.51689356	0.605230464	0.974001549
<i>Msx1</i>	-0.227353808	0.565559904	-0.401997749	0.687685683	0.98538669
<i>Stx18</i>	0.22627745	0.147563398	1.533425313	0.125171096	0.822296879
<i>Nsg1</i>	-0.035767951	0.119579139	-0.299115308	0.764852066	0.9895982
<i>Zbtb49</i>	-0.169030965	0.358118291	-0.471997577	0.636928518	0.977284137
<i>Lyar</i>	0.318427991	0.197227245	1.614523347	0.106413957	0.794899279
<i>Tmem128</i>	0.030197732	0.151629259	0.199155049	0.842141461	0.992886758
<i>Slc2a9</i>	0.42029672	0.319148846	1.316930094	0.187862058	0.874351146
<i>Wdr1</i>	-0.112512218	0.116632538	-0.964672642	0.334708802	0.918030088
<i>Zfp518b</i>	-0.16590707	0.515588378	-0.321782021	0.747617835	0.988585656
<i>Clnk</i>	-0.449138684	1.329286363	-0.337879554	0.735453956	0.988585656
<i>Hs3st1</i>	0.063644186	0.248008774	0.256620705	0.79747159	0.990988839
<i>Rab28</i>	0.187488865	0.11419016	1.641900362	0.100610655	0.788783372
<i>Bod1l</i>	-0.0388613	0.215001932	-0.180748607	0.856564904	0.992886758
<i>Gm7854</i>	2.683365274	2.210334426	1.214008723	0.224744393	0.892989918
<i>Cpeb2</i>	0.325946354	0.262138478	1.243412858	0.213715735	0.884945675
<i>C1qtnf7</i>	0.35311161	0.128435403	2.749332356	0.00597168	0.427133716
<i>Cc2d2a</i>	-0.308375051	0.25298839	-1.218929655	0.222870893	0.892391445
<i>Fbxl5</i>	0.052763965	0.138563621	0.380792338	0.703357345	0.988585656
<i>Bst1</i>	-0.023962464	0.161921146	-0.147988479	0.882351861	0.992886758
<i>Cd38</i>	-0.511247335	0.179438644	-2.849148456	0.004383642	0.385355746
<i>Fgfbp1</i>	-0.032698251	0.151227005	-0.216219659	0.828816531	0.992886758
<i>Prom1</i>	-0.572656034	0.158247157	-3.618744522	0.000296036	0.112404069
<i>Tapt1</i>	-0.379509586	0.110896439	-3.422198123	0.00062117	0.177927156
<i>Ldb2</i>	0.057022077	0.175045443	0.325755852	0.744609083	0.988585656
<i>D5Ertd615e</i>	-0.547061305	1.694610776	-0.322824163	0.746828413	0.988585656
<i>Qdpr</i>	0.25639947	0.132765016	1.931227651	0.053454906	0.707153766
<i>Lap3</i>	-0.052722552	0.116969029	-0.450739417	0.65217737	0.979004493
<i>Med28</i>	0.300421514	0.176767675	1.699527439	0.089219849	0.768297719
<i>1600023N17Rik</i>	0.009425079	1.824807502	0.005164972	0.995878967	0.99930649
<i>Ncapg</i>	-0.09692322	0.960113864	-0.100949714	0.919590379	0.994688009
<i>Lcorl</i>	-0.315471713	0.247582509	-1.274208402	0.202589568	0.88210274
<i>Gm3414</i>	-0.935398891	0.483191897	-1.935874538	0.052883069	0.707153766
<i>Slit2</i>	0.113805521	0.238006359	0.478161681	0.632535134	0.977034429
<i>Pacrgl</i>	0.186823837	0.170320911	1.096893132	0.272688111	0.898703835
<i>Kcnip4</i>	-0.499812709	0.371883371	-1.344003922	0.178947119	0.867377413
<i>5730480H06Rik</i>	-0.361599598	0.586586412	-0.61644728	0.537599357	0.96674935
<i>Adgra2</i>	-0.093116067	0.185873497	-0.500964733	0.616395943	0.974001549
<i>Ppargc1a</i>	0.045035254	0.394507473	0.114155642	0.909114414	0.994688009
<i>Dhx15</i>	-0.155414341	0.099849793	-1.556481352	0.119593674	0.81558552
<i>9230114K14Rik</i>	-0.040169029	0.383517249	-0.104738519	0.916583297	0.994688009
<i>C130083M11Rik</i>	-0.062373015	0.376348809	-0.16573193	0.868367917	0.992886758
<i>Sod3</i>	-0.193595276	0.212704995	-0.910158581	0.362738884	0.926455466
<i>Ccdc149</i>	-0.50203398	0.227848696	-2.203365605	0.02756899	0.637644759
<i>Lgi2</i>	-0.26354186	0.490171828	-0.537651993	0.590817328	0.974001549
<i>8030423F21Rik</i>	-0.934385993	1.065880354	-0.876633094	0.380685958	0.930179532
<i>Sepsecs</i>	-0.250970589	0.228690709	-1.097423635	0.272456246	0.898460682
<i>Pi4k2b</i>	-0.123282039	0.147454255	-0.836069724	0.40311568	0.937834293
<i>Zcchc4</i>	0.192078468	0.25449844	0.75473338	0.450408974	0.949134998
<i>Anapc4</i>	0.039113672	0.125266845	0.312242813	0.754855997	0.989048541

5033403H07Rik	0.30744856	0.455671561	0.67471527	0.499856681	0.961017744
Slc34a2	-0.135698776	0.177566205	-0.764215104	0.444739067	0.948476747
Sel1l3	-0.251076425	0.477585926	-0.525719899	0.599082836	0.974001549
Smim20	0.308604923	0.195623448	1.577545667	0.114670023	0.809432539
Rbpj	-0.118309715	0.138260638	-0.855700631	0.392163391	0.933734231
Cckar	0.123951569	0.137743057	0.899875255	0.36818664	0.928436166
Tbc1d19	-0.282308616	0.170021976	-1.66042427	0.096829131	0.782250977
Stim2	-0.129778429	0.111237477	-1.166679005	0.243340025	0.896939594
Gm10440	0.259176308	1.112055363	0.233060616	0.815714337	0.992524109
Pcdh7	-0.143345581	0.27643848	-0.518544238	0.604078603	0.974001549
Arap2	-0.214823575	0.167193919	-1.284876723	0.198835366	0.880661448
Dthd1	0.014486536	1.503185296	0.009637226	0.992310725	0.998827474
Nwd2	-1.892089826	0.990665599	-1.909917765	0.056143802	0.716140516
0610040J01Rik	0.00138842	0.140258863	0.009898982	0.992101884	0.998800761
Rell1	-0.261529953	0.118066621	-2.215104917	0.026752864	0.633489138
Pgm1	-0.190061106	0.165412503	-1.149012937	0.250550646	0.896939594
Tbc1d1	-0.256528121	0.216079131	-1.187195261	0.23515061	0.896002526
Gm3716	0.182476299	0.602972604	0.302627843	0.762173493	0.989285682
Klf3	-0.347922838	0.232319882	-1.497602507	0.134236555	0.827986488
Tlr1	0.530017616	0.42862714	1.236547028	0.216255296	0.887633697
Tlr6	0.093295814	0.567495166	0.164399311	0.869416806	0.992886758
Fam114a1	-0.08465677	0.119926996	-0.705902532	0.480248753	0.957463006
Klhl5	-0.204561341	0.087303653	-2.34310174	0.019124167	0.590246276
Wdr19	-0.118066707	0.195810331	-0.602964643	0.546532211	0.967812517
Rfc1	-0.076377111	0.182764349	-0.417899397	0.676020673	0.983549699
Klb	0.807410672	2.331654529	0.346282291	0.729130576	0.988585656
Rpl9	0.297583737	0.312796968	0.95136388	0.341419689	0.919850248
Lias	0.090864094	0.15347624	0.592040137	0.553823711	0.968926429
Ugdh	-0.069342917	0.122787221	-0.564740505	0.57225028	0.971613657
Smim14	0.056864552	0.097913843	0.580761112	0.561401468	0.96944293
Ube2k	0.119274178	0.102479753	1.163880413	0.244472478	0.896939594
Pds5a	-0.454527694	0.221587489	-2.051233557	0.040244207	0.679118604
N4bp2	-0.458801555	0.413274094	-1.110162872	0.266928849	0.89768067
Rhoh	0.112314001	0.24671815	0.455232017	0.648942329	0.979004493
9130230L23Rik	-0.105884107	0.301765701	-0.350881848	0.72567699	0.988585656
Rbm47	0.199286758	0.206894457	0.963229083	0.335432573	0.918739745
Nsun7	0.23352921	0.658102661	0.35485225	0.722700282	0.988585656
Apbb2	0.327776815	0.25210927	1.300137894	0.193553712	0.879588734
Uchl1	-0.268492035	0.227398499	-1.180711553	0.23771733	0.896609492
Limch1	-0.021984215	0.165375189	-0.132935387	0.89424448	0.993422442
Tmem33	-0.272085566	0.126378463	-2.152942517	0.031323196	0.661395937
Slc30a9	-0.068453126	0.093034577	-0.735781553	0.461863649	0.953083512
Bend4	0.446415937	0.858507884	0.519990491	0.603070202	0.974001549
Shisa3	-0.093828206	0.726282833	-0.129189624	0.897207606	0.994101834
Atp8a1	0.059105036	0.106821572	0.553306187	0.580053765	0.971613657
Kctd8	-0.080294552	0.302938467	-0.265052348	0.790969136	0.990988839
Yipf7	-0.752239084	1.12295475	-0.669874796	0.502937608	0.961729397
Guf1	0.249861641	0.139735548	1.78810363	0.07375929	0.749855497
Gnpda2	0.029221102	0.108471869	0.269388759	0.787630536	0.990988839
Gabra4	-0.322150104	0.64829386	-0.496919875	0.619245555	0.974471036
Gabrb1	-0.253495137	2.210567908	-0.114674214	0.908703354	0.994688009
Commd8	0.16014119	0.129955213	1.232279846	0.217844566	0.887633697
Atp10d	-0.674569699	0.238959741	-2.822942877	0.004758505	0.391906015
Corin	-0.186521319	0.93185957	-0.20016033	0.841355192	0.992886758
Nfxl1	-0.142345795	0.18170458	-0.783391342	0.433397339	0.946252789
Cnga1	0.601682064	0.937538341	0.641767955	0.521023859	0.964784335
Nipal1	-0.257241577	0.319158145	-0.806000351	0.420242647	0.943415794
Txk	0.945680943	0.388136158	2.436467006	0.014831522	0.554936045
Tec	-0.046191588	0.231522209	-0.199512555	0.841861823	0.992886758
Slain2	-0.130348974	0.109493567	-1.190471524	0.233861116	0.89581803
Fryl	-0.027128925	0.280108861	-0.096851363	0.922844434	0.994688009
Ociad1	2.48E-05	0.114589536	0.000216685	0.99982711	0.999957126

<i>Ociad2</i>	0.103837242	0.204069821	0.508831937	0.610870031	0.974001549
<i>Dcun1d4</i>	-0.095274082	0.168116778	-0.566713703	0.570908709	0.971613657
<i>Sgcb</i>	-0.024097377	0.115807347	-0.208081592	0.83516526	0.992886758
<i>Spata18</i>	-0.420613936	0.265741533	-1.582793366	0.113468569	0.806530837
<i>Usp46</i>	-0.254911639	0.120243537	-2.119961242	0.034009314	0.671818913
<i>Dancr</i>	0.397037586	0.337441377	1.176612037	0.239350391	0.896918485
<i>Rasl11b</i>	-0.233264189	0.164437238	-1.418560611	0.156027156	0.855455553
<i>Scfd2</i>	0.138917121	0.213197116	0.651590057	0.514665664	0.964352198
<i>Fip1l1</i>	-0.108033472	0.18266019	-0.591445084	0.55422224	0.968926429
<i>Ln timer</i>	-0.016555015	0.191607377	-0.086400718	0.931147876	0.994688009
<i>Gm6116</i>	0.728943085	0.579438501	1.258016311	0.208385857	0.884258007
<i>Chic2</i>	0.291471939	0.161480862	1.804993699	0.071075668	0.744227652
<i>Pdgfra</i>	0.098003958	0.116640665	0.840221193	0.400784378	0.937313897
<i>Kit</i>	-0.024777541	0.188670244	-0.131327232	0.89551645	0.993618558
<i>Kdr</i>	0.112911945	0.189155802	0.596925622	0.55055704	0.968926429
<i>Srd5a3</i>	-0.273628894	0.160821999	-1.701439451	0.088860499	0.767814344
<i>Tmem165</i>	-0.18415822	0.087672979	-2.100512863	0.03568375	0.674795441
<i>Clock</i>	-0.123561572	0.153823367	-0.80326919	0.421819162	0.943415794
<i>Exoc1</i>	-0.068182479	0.20274097	-0.336303405	0.736642083	0.988585656
<i>Cep135</i>	-0.295199627	0.25793048	-1.144492993	0.252419242	0.897013805
<i>C530008M17Rik</i>	0.206012352	0.515149719	0.399907724	0.689224483	0.98547461
<i>Aasdh</i>	-0.229448889	0.288063658	-0.796521472	0.425729	0.944290206
<i>Ppat</i>	-0.190643853	0.179484661	-1.062173515	0.288156921	0.907334416
<i>Paics</i>	0.021535815	0.082193214	0.262014517	0.79331025	0.990988839
<i>Srp72</i>	-0.023546818	0.112152633	-0.209953326	0.833704102	0.992886758
<i>Thegl</i>	0.236680788	0.428682794	0.552111706	0.580871823	0.971613657
<i>Hopx</i>	0.200788935	0.121562254	1.651737518	0.098588071	0.786907305
<i>Spink2</i>	0.151335416	0.288602923	0.524372429	0.600019529	0.974001549
<i>Rest</i>	-0.339266428	0.44536979	-0.761763451	0.446201198	0.948476747
<i>Noa1</i>	-0.241977174	0.213682067	-1.132416854	0.257459223	0.897248195
<i>Polr2b</i>	-0.169517519	0.223307765	-0.759120575	0.447780432	0.948476747
<i>Igfbp7</i>	-0.211016104	0.14904693	-1.415769548	0.156842988	0.855906801
<i>Adgrl3</i>	0.022837624	0.304536509	0.074991416	0.940221542	0.994688009
<i>Tecrl</i>	-0.800113735	0.387990129	-2.062201264	0.039188578	0.679118604
<i>Cenpc1</i>	0.146532817	0.17475358	0.838511105	0.401743714	0.937834293
<i>Stap1</i>	0.503206845	0.32413595	1.552456136	0.12055312	0.815945653
<i>Uba6</i>	-0.134035832	0.262649538	-0.510321977	0.609825908	0.974001549
<i>Ythdc1</i>	-0.129817158	0.138849643	-0.934947727	0.349815239	0.922206653
<i>Ugt2b34</i>	-0.640258021	1.044180671	-0.613167854	0.539765358	0.966900344
<i>Sult1b1</i>	2.052098569	1.336317158	1.535637372	0.124627343	0.821164769
<i>Sult1d1</i>	0.011318162	0.281193864	0.040250388	0.967893506	0.996474415
<i>Sult1e1</i>	0.840434266	1.363685346	0.616296324	0.537698965	0.96674935
<i>Jchain</i>	0.115459088	0.489971129	0.235644675	0.813708404	0.992048071
<i>Utp3</i>	0.192472849	0.134417038	1.431908129	0.152170116	0.852974739
<i>Rufy3</i>	-0.180612481	0.244585133	-0.738444231	0.460244545	0.953083512
<i>Grsf1</i>	-0.034450791	0.105573684	-0.326319869	0.744182357	0.988585656
<i>Mob1b</i>	-0.350766742	0.214806126	-1.632945709	0.102480415	0.789151138
<i>Dck</i>	0.18382119	0.202883824	0.906041625	0.364913821	0.926556975
<i>Slc4a4</i>	0.230228596	0.27789896	0.828461523	0.407409177	0.939557159
<i>Gc</i>	0.231566212	1.109440276	0.208723459	0.834664126	0.992886758
<i>Adamts3</i>	-0.050901209	0.755246622	-0.067396804	0.946265813	0.995065399
<i>Cox18</i>	-0.030518661	0.355831169	-0.085767252	0.93165144	0.994688009
<i>Ankrd17</i>	-0.014294187	0.220161912	-0.064925794	0.948233083	0.99560893
<i>Gm9958</i>	-0.10792699	0.309650692	-0.348544319	0.727431436	0.988585656
<i>Alb</i>	0.932975395	1.356611908	0.68772461	0.491626219	0.958916246
<i>Afp</i>	0.348101353	0.396022853	0.878993093	0.379405021	0.929137643
<i>Rassf6</i>	0.212803574	0.361761031	0.588243497	0.556368866	0.968926429
<i>Cxcl5</i>	1.250720804	0.585809948	2.135028276	0.0327587	0.665167506
<i>Ppbbp</i>	0.528552758	0.472006112	1.119800663	0.262798716	0.897248195
<i>Pf4</i>	0.045733811	0.304922587	0.149984991	0.880776457	0.992886758
<i>Cxcl3</i>	-0.99722426	0.987350453	-1.010000306	0.312495144	0.914819219
<i>Cxcl15</i>	0.134813213	0.156826665	0.859631957	0.389991953	0.933734231

<i>Cxcl1</i>	0.586366332	0.510312268	1.149034365	0.250541811	0.896939594
<i>Cxcl2</i>	1.018743625	0.804699528	1.265992573	0.205515741	0.883765092
<i>Mthfd2l</i>	0.557167426	0.229396274	2.428842525	0.01514711	0.555734718
<i>Epgn</i>	-2.536111797	1.625625259	-1.560083902	0.118740055	0.814755048
<i>Ereg</i>	0.426468678	0.655680382	0.650421592	0.515419934	0.964352198
<i>Areg</i>	0.042414027	0.240954512	0.176025039	0.860274272	0.992886758
<i>Btc</i>	-0.135250648	0.208905535	-0.647424914	0.517356976	0.964352198
<i>Parm1</i>	-0.407043419	0.494132626	-0.823753377	0.410079704	0.940983181
<i>Rchy1</i>	0.184903101	0.120432954	1.53531982	0.124705288	0.821164769
<i>Thap6</i>	-0.067171761	0.255229083	-0.263182236	0.792410122	0.990988839
<i>Gm1045</i>	0.82391106	1.20081905	0.686124242	0.492634765	0.958916246
<i>Cdkl2</i>	-0.144214579	0.126845352	-1.136932309	0.255566584	0.897044747
<i>G3bp2</i>	-0.19756868	0.089922697	-2.197094674	0.028013685	0.640939708
<i>Uso1</i>	-0.20413548	0.103023632	-1.981443245	0.047541588	0.700850692
<i>Ppef2</i>	-0.063703864	0.396093418	-0.160830402	0.872226979	0.992886758
<i>Naaa</i>	-0.288530244	0.101334364	-2.847308958	0.004409055	0.385355746
<i>Sdad1</i>	-0.113653299	0.247386216	-0.459416458	0.645935132	0.979004493
<i>Cxcl9</i>	0.560669241	0.504167842	1.11206863	0.266108643	0.89768067
<i>Art3</i>	-0.136494328	0.254078611	-0.53721298	0.591120506	0.974001549
<i>Cxcl10</i>	0.732751842	0.413768631	1.770921689	0.076573725	0.752876039
<i>Nup54</i>	0.105555143	0.150219438	0.702673001	0.482259557	0.957463006
<i>Scarb2</i>	-0.229972118	0.111262736	-2.066928479	0.038740894	0.679118604
<i>Fam47e</i>	-0.32229789	0.151994895	-2.120452076	0.033967939	0.671818913
<i>Stbd1</i>	-0.385898743	0.181215338	-2.129503753	0.033212605	0.668634028
<i>Ccdc158</i>	-1.146139018	0.437120735	-2.622019329	0.008741047	0.475600561
<i>Shroom3</i>	0.051349706	0.193450131	0.265441567	0.790669318	0.990988839
<i>Sowahb</i>	1.155693233	0.458489437	2.520653996	0.011713697	0.518291414
<i>Sep-11</i>	-0.133389399	0.206729567	-0.645236196	0.518774133	0.96446859
<i>Ccni</i>	-0.159167703	0.099507154	-1.599560406	0.109696138	0.798844267
<i>2010109A12Rik</i>	0.743150632	0.878844445	0.845599738	0.397776072	0.935327115
<i>Ccng2</i>	0.285128341	0.148074192	1.92557756	0.054157143	0.707153766
<i>Cxcl13</i>	0.114684099	0.434419409	0.263993958	0.791784575	0.990988839
<i>Cnot6l</i>	-0.225204674	0.114163665	-1.97264754	0.048535733	0.706907143
<i>Mrpl1</i>	0.01068937	0.14759535	0.07242349	0.942264891	0.994688009
<i>Fras1</i>	0.017002247	0.499730265	0.034022849	0.97285893	0.996916322
<i>Anxa3</i>	-0.056234829	0.103088465	-0.545500695	0.585409203	0.972904784
<i>Gm8013</i>	-1.434694263	1.048606878	-1.36819078	0.171252367	0.862444803
<i>Bmp2k</i>	-0.301105074	0.184270449	-1.634038857	0.102250692	0.788963633
<i>Paqr3</i>	0.0116241	0.430107417	0.027026039	0.978438966	0.997262526
<i>Antxr2</i>	-0.130731116	0.150100632	-0.870956465	0.383777924	0.931591679
<i>Prdm8</i>	0.125208701	1.014832642	0.12337867	0.901807247	0.994688009
<i>1700007G11Rik</i>	0.096419644	0.156123436	0.617585971	0.536848295	0.96674935
<i>Mir703</i>	-0.136179261	0.317236964	-0.429266689	0.667729156	0.981863224
<i>Bmp3</i>	-0.009457542	0.259560198	-0.036436797	0.970934074	0.996733101
<i>Prkg2</i>	0.329880721	0.220107822	1.498723301	0.133945429	0.827800491
<i>Rasgef1b</i>	-0.172688351	0.199762037	-0.864470318	0.387329579	0.932858077
<i>Hnnpd</i>	0.05359637	0.174143822	0.307770721	0.758256802	0.989266039
<i>Hnnpdl</i>	0.145303781	0.096229159	1.509976638	0.131049385	0.827800491
<i>Enoph1</i>	0.294035222	0.136720163	2.150635403	0.031504989	0.661395937
<i>Tmem150c</i>	0.293946001	0.343109545	0.856711814	0.391604173	0.933734231
<i>Sec31a</i>	-0.279063791	0.202613006	-1.377324175	0.168412044	0.861597949
<i>5430416N02Rik</i>	0.631368327	0.295416798	2.137212006	0.032580752	0.665167506
<i>Lin54</i>	-0.072209063	0.218751317	-0.330096587	0.741326982	0.988585656
<i>Cops4</i>	0.054060229	0.150046674	0.360289421	0.71863071	0.988585656
<i>Plac8</i>	0.807678048	0.302107883	2.673475582	0.007506974	0.453949504
<i>Coq2</i>	0.08644367	0.178467626	0.48436611	0.628126066	0.976968316
<i>Hpse</i>	0.001127929	0.189102289	0.005964653	0.995240924	0.999285699
<i>Helq</i>	-0.290606293	0.226638276	-1.282247191	0.199755946	0.880888611
<i>Mrps18c</i>	0.24916767	0.192556538	1.293997452	0.195666301	0.879601031
<i>Fam175a</i>	0.366699334	0.251889142	1.455796511	0.14544888	0.842832198
<i>Agpat9</i>	-0.250616925	0.233561845	-1.073021687	0.283261386	0.905916508
<i>Cds1</i>	-0.231525828	0.161379305	-1.434668645	0.151381543	0.851397333

<i>Wdfy3</i>	-0.006770188	0.198463389	-0.034113034	0.972787015	0.996905197
<i>Arhgap24</i>	0.192792183	0.335942548	0.573884387	0.566046039	0.970328402
<i>Mapk10</i>	0.699651032	0.585027902	1.19592763	0.231724802	0.895404344
<i>Ptpn13</i>	0.108057651	0.161216859	0.670262726	0.502690324	0.961729397
<i>Slc10a6</i>	-0.280579279	0.185129488	-1.51558394	0.12962459	0.827800491
<i>1700016H13Rik</i>	0.082980415	0.490877998	0.169044885	0.865761336	0.992886758
<i>Aff1</i>	-0.17522858	0.186234775	-0.940901509	0.346755335	0.921552698
<i>Klhl8</i>	0.081517751	0.160326557	0.508448213	0.611139048	0.974001549
<i>Hsd17b11</i>	-0.127082815	0.111610328	-1.138629526	0.254857708	0.897044747
<i>Nudt9</i>	0.139691155	0.098853909	1.413107052	0.15762425	0.855986074
<i>Sparcl1</i>	-0.297892555	0.146498761	-2.033413478	0.042010767	0.679118604
<i>Spp1</i>	-0.355833672	0.325998273	-1.091520114	0.275044086	0.900302631
<i>Pkd2</i>	-0.051675414	0.146998592	-0.3515368	0.725185669	0.988585656
<i>BC005561</i>	-0.426902666	0.335356989	-1.272979777	0.203025218	0.882297774
<i>D930016D06Rik</i>	0.205271093	0.275947564	0.74387717	0.456950788	0.951742083
<i>Zfp951</i>	0.047225131	0.352200863	0.134085789	0.893334737	0.99335805
<i>Abcg3</i>	-0.179472681	0.246601043	-0.727785572	0.466744858	0.953083512
<i>Gbp8</i>	0.492470921	0.237699522	2.071821253	0.038282114	0.679118604
<i>Gbp9</i>	-0.214022778	0.212888856	-1.005326358	0.314739727	0.91586731
<i>Gbp4</i>	0.380466004	0.182117992	2.089118158	0.036697088	0.677009445
<i>Gbp10</i>	0.778588934	0.397540959	1.958512492	0.050169907	0.707153766
<i>Gbp6</i>	0.07597944	0.234184256	0.32444299	0.745602677	0.988585656
<i>Gbp11</i>	0.642729533	0.815698311	0.78795006	0.430725918	0.945321484
<i>Lrrc8b</i>	-0.057959602	0.301979432	-0.191932283	0.847795249	0.992886758
<i>Lrrc8c</i>	-0.285796494	0.206805629	-1.381957036	0.166984893	0.860403806
<i>Lrrc8d</i>	-0.049686376	0.21089673	-0.235595762	0.813746363	0.992048071
<i>Zfp326</i>	-0.068654857	0.161454585	-0.425227052	0.670671165	0.982434419
<i>Zfp644</i>	-0.078707195	0.168546252	-0.466976834	0.640516453	0.977921835
<i>Cdc7</i>	-0.396219519	0.401951313	-0.985740077	0.324260678	0.91640698
<i>Tgfb3</i>	-0.021903923	0.17772737	-0.12324451	0.901913481	0.994688009
<i>Brd1</i>	-0.130940466	0.269652829	-0.485589069	0.627258548	0.976752533
<i>Ephx4</i>	-0.291170431	0.320061463	-0.909732861	0.36296341	0.926455466
<i>Lpcat2b</i>	-0.08814087	1.475724935	-0.059727168	0.952372934	0.996023481
<i>Btbd8</i>	0.369816755	1.051978341	0.351544077	0.725180211	0.988585656
<i>A830010M20Rik</i>	0.138114254	0.423230291	0.326333574	0.744171989	0.988585656
<i>1700028K03Rik</i>	-3.105971222	2.186816001	-1.420316671	0.15551551	0.855261441
<i>Glnn</i>	-0.085671094	0.231143209	-0.370640756	0.710905122	0.988585656
<i>Rpap2</i>	-0.020949086	0.161348954	-0.129837136	0.896695281	0.994101834
<i>Gfi1</i>	-0.199223487	0.814192066	-0.244688564	0.806697584	0.99099448
<i>Evi5</i>	-0.200177726	0.138144907	-1.449041662	0.147325948	0.846074835
<i>Ube2d2b</i>	0.084448214	1.54524575	0.054650345	0.956417029	0.996173928
<i>Rpl5</i>	0.295297344	0.266948357	1.106196524	0.268641467	0.89804647
<i>Fam69a</i>	0.185258069	0.132863115	1.39435289	0.163211067	0.859982992
<i>Mtf2</i>	-0.11492197	0.150295285	-0.764641223	0.444485215	0.948476747
<i>Tmed5</i>	0.001401963	0.126306196	0.011099716	0.99114389	0.998770784
<i>Ccdc18</i>	3.480876836	1.011297152	3.441992127	0.000577447	0.168356751
<i>Dr1</i>	0.092404259	0.111883192	0.825899383	0.408861171	0.940605373
<i>Pigg</i>	-0.098897585	0.182009491	-0.54336499	0.586878525	0.973183596
<i>Atp5k</i>	0.334071236	0.214237786	1.559347873	0.118914067	0.814755048
<i>Mfsd7a</i>	0.21657991	0.343175807	0.631104832	0.527971982	0.965637248
<i>Pcgf3</i>	-0.164228251	0.160444425	-1.023583402	0.306032088	0.91333012
<i>Gak</i>	-0.075888767	0.174154787	-0.435754702	0.663014712	0.980876591
<i>Tmem175</i>	0.037946133	0.217228794	0.174682796	0.861328886	0.992886758
<i>Dgkq</i>	-0.049198173	0.267115309	-0.184183279	0.853869677	0.992886758
<i>Idua</i>	0.275812921	0.253441919	1.088268752	0.276476481	0.900604936
<i>Slc26a1</i>	-1.294511696	1.664648617	-0.777648618	0.436776191	0.946762848
<i>Fgfr1</i>	0.035801791	0.142659833	0.250959152	0.801845691	0.990988839
<i>Vmn2r8</i>	0.274460941	1.111590895	0.246908231	0.804979246	0.99099448
<i>Crlf2</i>	-0.024367967	0.185482463	-0.131376122	0.895477777	0.993618558
<i>Gm10416</i>	0.410920425	0.358603814	1.145889725	0.251840783	0.896939594
<i>Gm15446</i>	0.078135663	0.415358315	0.188116286	0.850785495	0.992886758
<i>Zfp932</i>	0.181634146	0.172407285	1.053517815	0.292103734	0.907334416

<i>Plcxd1</i>	-0.176204568	0.812613372	-0.216836905	0.82833545	0.992886758
<i>Gtpbp6</i>	0.327810087	0.241102672	1.359628597	0.173947484	0.863528862
<i>Zfp605</i>	-0.095344944	0.300877005	-0.316890098	0.751326995	0.988585656
<i>Chfr</i>	0.035735516	0.138991299	0.257106137	0.79709684	0.990988839
<i>Gm15787</i>	1.941772401	1.3566241	1.431326777	0.152336583	0.852974739
<i>Golga3</i>	-0.275488658	0.286688769	-0.960932857	0.336585929	0.919242242
<i>Ankle2</i>	0.007521392	0.142466977	0.052793932	0.957896096	0.996226826
<i>Pgam5</i>	-0.031933232	0.114301868	-0.279376288	0.779956067	0.990988839
<i>Pxmp2</i>	0.097557282	0.17474993	0.558267931	0.57666144	0.971613657
<i>Pole</i>	0.922904035	0.950753908	0.970707591	0.331693911	0.917115058
<i>P2rx2</i>	1.100571422	0.913888769	1.204272838	0.228484141	0.894809445
<i>Lrcol1</i>	0.241333268	0.825542906	0.292332799	0.770032184	0.989990452
<i>Fbrs1</i>	-0.182390981	0.30146394	-0.605017571	0.545167322	0.967491297
<i>Gm29766</i>	-1.085794214	0.567351404	-1.913794884	0.055646369	0.714821616
<i>Galnt9</i>	1.646217937	0.598739574	2.749472405	0.005969129	0.427133716
<i>Noc4l</i>	-0.178358704	0.34426508	-0.518085377	0.604398702	0.974001549
<i>Ddx51</i>	-0.133697125	0.175301945	-0.76266766	0.445661622	0.948476747
<i>Ep400</i>	-0.176718881	0.239707987	-0.737225668	0.460985127	0.953083512
<i>Pus1</i>	0.20999597	0.234799975	0.894361128	0.371128703	0.928788832
<i>Ulk1</i>	0.081608483	0.221985426	0.367629913	0.713149207	0.988585656
<i>Hscb</i>	0.462275644	0.239708133	1.928493785	0.053793737	0.707153766
<i>Chek2</i>	0.027301254	0.169796778	0.160787824	0.872260515	0.992886758
<i>Ttc28</i>	-0.237521729	0.292002406	-0.813423875	0.415975075	0.943415794
<i>Pitpnb</i>	0.067540921	0.112479509	0.600473111	0.548190976	0.968738549
<i>Mn1</i>	-0.24438722	0.704634321	-0.346828437	0.728720212	0.988585656
<i>E130006D01Rik</i>	-0.632365303	1.652668157	-0.382632957	0.701991931	0.988482081
<i>Cryba4</i>	-0.151360554	0.66745188	-0.226773732	0.820599691	0.992886758
<i>Crybb1</i>	1.123541296	1.129392582	0.994819085	0.319824262	0.91640698
<i>Tpst2</i>	0.061274044	0.165069276	0.371201992	0.710487089	0.988585656
<i>Tfip11</i>	-0.047142598	0.254021185	-0.1855853	0.852769982	0.992886758
<i>Srrd</i>	0.236700138	0.256435472	0.923039764	0.355986483	0.924354588
<i>Hps4</i>	-0.066891171	0.296889892	-0.225306326	0.821740978	0.992886758
<i>Myo18b</i>	-0.36750994	1.540923761	-0.238499755	0.811493505	0.991784898
<i>Adrbk2</i>	-0.242006867	0.225566313	-1.07288568	0.283322412	0.905916508
<i>Crybb3</i>	0.453688224	0.865104065	0.524431965	0.599978129	0.974001549
<i>2900026A02Rik</i>	0.076600575	0.316163645	0.242281413	0.808562115	0.991020605
<i>Sgsm1</i>	-0.30502114	0.446151061	-0.68367234	0.494182094	0.958916246
<i>Wscd2</i>	0.347042404	1.156777948	0.300007797	0.764171208	0.989384061
<i>Cmklr1</i>	0.018987068	0.186123456	0.102013302	0.918746117	0.994688009
<i>Ficd</i>	-0.439954896	0.339746447	-1.294950692	0.19533724	0.879588734
<i>Sart3</i>	0.080619906	0.219776632	0.366826561	0.713748394	0.988585656
<i>Iscu</i>	0.084559856	0.094105741	0.898562141	0.368885932	0.928436166
<i>Tmem119</i>	-0.169916982	0.157409717	-1.079456755	0.280384162	0.903192609
<i>Selplg</i>	-0.031490674	0.27960527	-0.112625467	0.910327494	0.994688009
<i>Coro1c</i>	-0.010465837	0.150879384	-0.069365586	0.944698621	0.99486515
<i>Ssh1</i>	-0.309158628	0.329468737	-0.938354976	0.348062016	0.921552698
<i>Dao</i>	-0.853249299	2.196895387	-0.38838868	0.69772842	0.987577127
<i>Svop</i>	-3.905174454	3.602771611	-1.083936168	0.278393102	0.9014923
<i>Usp30</i>	-0.143101644	0.232016947	-0.616772378	0.537384873	0.96674935
<i>Alkbh2</i>	0.307728932	0.264005496	1.165615627	0.243769887	0.896939594
<i>Ung</i>	1.165859175	0.456829261	2.552067641	0.010708573	0.502706181
<i>Acacb</i>	-0.043209627	0.26473861	-0.163216187	0.870348222	0.992886758
<i>Foxn4</i>	2.714914314	1.610717804	1.685530704	0.091886226	0.772516176
<i>Myo1h</i>	-0.10953591	0.368515816	-0.297235302	0.766286872	0.989884648
<i>Kctd10</i>	-0.264245914	0.163461943	-1.616559239	0.105973456	0.79419908
<i>Ube3b</i>	-0.071364744	0.199535637	-0.357654124	0.720602169	0.988585656
<i>Mmab</i>	-0.207978009	0.27668632	-0.751674346	0.452246921	0.949574349
<i>Mvk</i>	-0.06887962	0.135038608	-0.510073531	0.609999948	0.974001549
<i>Fam222a</i>	0.375342697	0.464532419	0.808001081	0.41908996	0.943415794
<i>Trpv4</i>	0.791464644	0.343545318	2.303814382	0.021233065	0.60743619
<i>Gltf</i>	-0.086921778	0.150725328	-0.576689924	0.56414894	0.969658675
<i>Tchp</i>	-0.177483182	0.313222103	-0.566636837	0.570960942	0.971613657

<i>Git2</i>	-0.108213858	0.175655791	-0.616056311	0.537857356	0.96674935
<i>4930515G01Rik</i>	1.494248653	0.791070153	1.888895249	0.058905866	0.72285319
<i>Ankrd13a</i>	-0.213030897	0.164839891	-1.292350391	0.196235829	0.879755417
<i>1500011B03Rik</i>	0.388375106	0.259230287	1.498185688	0.134085013	0.827800491
<i>2610524H06Rik</i>	0.519435489	0.27320385	1.901274409	0.057266079	0.721735927
<i>Oasl2</i>	0.070036603	0.275343856	0.254360507	0.799217059	0.990988839
<i>Oasl1</i>	0.506077685	0.646388443	0.782931208	0.43366751	0.946589497
<i>2210016L21Rik</i>	0.216522704	0.121243892	1.785844228	0.074124483	0.750704981
<i>Hnf1a</i>	-0.408057162	1.12063278	-0.364131025	0.71576017	0.988585656
<i>Sppl3</i>	0.046623156	0.152294439	0.306138272	0.759499369	0.989266039
<i>Rpl37rt</i>	0.319913021	0.207417539	1.54236244	0.122985543	0.817788082
<i>Acads</i>	-0.037473281	0.129045724	-0.29038762	0.771519714	0.990143246
<i>Unc119b</i>	-0.075108914	0.116355039	-0.64551492	0.518593553	0.96446859
<i>Mlec</i>	-0.087026197	0.139649521	-0.623175765	0.533169026	0.96674935
<i>Cabp1</i>	-0.159045525	1.336611019	-0.118991631	0.905281986	0.994688009
<i>Pop5</i>	0.287284012	0.20395373	1.408574445	0.15896104	0.855986074
<i>Rnf10</i>	-0.136723532	0.160465708	-0.852042055	0.394190751	0.933796635
<i>Coq5</i>	-0.102394035	0.191238995	-0.535424456	0.592356383	0.974001549
<i>Dynll1</i>	0.028910422	0.118719498	0.243518735	0.807603574	0.99099448
<i>Srsf9</i>	0.01681188	0.125114827	0.134371602	0.893108736	0.99333638
<i>Gatc</i>	0.092224737	0.206557285	0.446485036	0.65524692	0.979133069
<i>Triap1</i>	0.282889377	0.179641218	1.574746486	0.115314973	0.81007959
<i>Cox6a1</i>	0.185952563	0.125694827	1.479397101	0.139034214	0.835484585
<i>Pla2g1b</i>	-0.170944745	0.258540455	-0.661191475	0.508489527	0.963324595
<i>Sirt4</i>	0.331345359	0.203786914	1.62594031	0.103962354	0.79155232
<i>Pxn</i>	0.034072473	0.164003865	0.207754083	0.835420986	0.992886758
<i>Rplp0</i>	0.195200801	0.172096608	1.134251296	0.256689153	0.897248195
<i>Gcn1l1</i>	0.319732403	0.243103991	1.315208368	0.188439884	0.874826736
<i>1110006O24Rik</i>	0.095391701	0.694896988	0.137274593	0.890813752	0.993043931
<i>Rab35</i>	-0.130921512	0.173076249	-0.756438346	0.449386425	0.948476747
<i>Ccdc64</i>	0.008657887	0.324825438	0.026653968	0.978735728	0.997262526
<i>Cit</i>	-0.200072	1.168504308	-0.171220593	0.864050316	0.992886758
<i>Prkab1</i>	0.065855212	0.122152324	0.539123692	0.589801509	0.974001549
<i>Ccdc60</i>	0.190856983	0.307897881	0.619871051	0.535342687	0.96674935
<i>Hspb8</i>	-0.025874247	0.15754415	-0.164234897	0.869546231	0.992886758
<i>Srrm4</i>	-0.073353754	2.451685053	-0.029919729	0.976131071	0.997262526
<i>Suds3</i>	0.051954471	0.1141556	0.455119778	0.64902307	0.979004493
<i>Taok3</i>	-0.28824882	0.222303831	-1.296643509	0.194753875	0.879588734
<i>Pebp1</i>	0.127103587	0.127029716	1.000581529	0.317029164	0.91640698
<i>Vsig10</i>	0.169015184	0.192162227	0.879544264	0.379106244	0.929137643
<i>Wsb2</i>	-0.100933982	0.11087546	-0.91033653	0.362645059	0.926455466
<i>Rfc5</i>	-0.25933923	0.182767768	-1.418954951	0.15591215	0.855455553
<i>Fbxo21</i>	-0.135049215	0.289332731	-0.466760932	0.64067093	0.977921835
<i>Tesc</i>	0.269115201	0.348012105	0.773292646	0.439349207	0.947849924
<i>Fbxw8</i>	-0.190851454	0.171622477	-1.112042296	0.266119965	0.89768067
<i>Rnft2</i>	0.180027067	1.071910361	0.167949741	0.866622818	0.992886758
<i>2410131K14Rik</i>	-0.117342921	0.227378036	-0.516069726	0.605805711	0.974001549
<i>Med13l</i>	-0.174014498	0.321337787	-0.54153139	0.588141368	0.973455044
<i>AW549542</i>	0.249201907	0.481524376	0.517527085	0.604788266	0.974001549
<i>Tbx3</i>	0.411588117	0.134794144	3.053456952	0.002262212	0.313009588
<i>Tbx3os2</i>	-0.209233694	1.487504247	-0.140660905	0.888137831	0.992886758
<i>Tbx5</i>	-0.458382157	0.247816489	-1.84968385	0.06435913	0.73299549
<i>Rbm19</i>	-0.490661689	0.336876746	-1.456502104	0.145253868	0.842729381
<i>Sdsl</i>	-0.604267824	0.569055201	-1.0618791	0.288290574	0.907334416
<i>Sds</i>	0.033985125	1.418318823	0.023961555	0.980883275	0.99731481
<i>Plbd2</i>	-0.071973339	0.280237443	-0.256829845	0.79731013	0.990988839
<i>Slc8b1</i>	-0.004093196	0.287615771	-0.014231471	0.988645312	0.998182772
<i>Tpcn1</i>	0.140756122	0.230417805	0.610873464	0.541283354	0.967217841
<i>lqcd</i>	-0.318198881	0.370400703	-0.859066622	0.390303761	0.933734231
<i>Rita1</i>	0.596773716	0.21393815	2.789468431	0.005279464	0.406593461
<i>Ddx54</i>	-0.118757524	0.256098524	-0.463718113	0.642849718	0.978681333
<i>Ccdc42b</i>	-0.509998787	0.700152953	-0.728410535	0.466362316	0.953083512

<i>Dtx1</i>	0.74205411	0.561301818	1.322023349	0.186160376	0.872305715
<i>Oas2</i>	-0.043554034	0.503879485	-0.086437403	0.931118715	0.994688009
<i>Oas3</i>	-1.159538465	1.336116397	-0.867842403	0.385480613	0.931854008
<i>Oas1c</i>	0.087058913	0.230535241	0.3776382	0.705699383	0.988585656
<i>Oas1b</i>	-0.056015437	0.310954938	-0.180140047	0.857042624	0.992886758
<i>Oas1g</i>	0.483242649	0.461167195	1.047868656	0.294699125	0.907334416
<i>Oas1a</i>	0.415931708	0.219608125	1.893972307	0.058228686	0.72285319
<i>Ptpn11</i>	0.010609907	0.142601304	0.074402595	0.940690044	0.994688009
<i>Rpl6</i>	0.06663173	0.132151421	0.504207441	0.614115612	0.974001549
<i>Gm15800</i>	0.201621123	0.326609585	0.617315388	0.537026719	0.96674935
<i>Trafd1</i>	-0.024880521	0.103270739	-0.240925178	0.809613108	0.991295569
<i>Naa25</i>	-0.414447658	0.215007032	-1.927600485	0.053904839	0.707153766
<i>Erp29</i>	0.15821586	0.122472755	1.291845363	0.196410702	0.879755417
<i>Tmem116</i>	-0.092878619	0.20407559	-0.455118709	0.649023839	0.979004493
<i>Adam1a</i>	-0.095026932	0.503711763	-0.188653391	0.850364484	0.992886758
<i>Mapkapk5</i>	-0.026818151	0.122491786	-0.21893836	0.826698064	0.992886758
<i>Aldh2</i>	-0.067015461	0.152268678	-0.440113242	0.659855092	0.979924124
<i>Acad12</i>	0.007899533	0.230935114	0.034206722	0.972712306	0.996905197
<i>Acad10</i>	0.235968813	0.298565203	0.790342647	0.429327687	0.945321484
<i>Brap</i>	0.021414	0.103521731	0.206855115	0.836123012	0.992886758
<i>Atxn2</i>	-0.234306114	0.262264426	-0.893396477	0.371644889	0.928840865
<i>Sh2b3</i>	0.107434055	0.231018841	0.465044559	0.641899547	0.97813956
<i>Fam109a</i>	0.097764546	0.106250907	0.920129053	0.357505324	0.924354588
<i>Cux2</i>	-0.07793151	0.836008579	-0.093218553	0.925729935	0.994688009
<i>Myl2</i>	1.521260258	1.680312128	0.905343854	0.36528325	0.926556975
<i>Ccdc63</i>	1.192277293	2.195300398	0.543104394	0.587057927	0.973286675
<i>Ppp1cc</i>	0.062644507	0.128814443	0.486315864	0.626743233	0.976601842
<i>Hvcn1</i>	-0.172260877	0.282823128	-0.609076344	0.542473837	0.967491297
<i>Tctn1</i>	-0.07990786	0.282176322	-0.283184145	0.777035682	0.990861469
<i>Pptc7</i>	-0.044074616	0.138874844	-0.317369328	0.750963378	0.988585656
<i>Rad9b</i>	0.332218064	0.633150142	0.524706609	0.599787162	0.974001549
<i>Vps29</i>	0.219756785	0.188425583	1.166278915	0.243501695	0.896939594
<i>Fam216a</i>	0.147429685	0.145071451	1.016255674	0.309507651	0.9139204
<i>Gpn3</i>	0.237513363	0.154956476	1.532774683	0.12533138	0.822401003
<i>Arpc3</i>	0.168440203	0.13545327	1.243529992	0.213672596	0.884945675
<i>Anapc7</i>	-0.067203483	0.155188995	-0.43304284	0.664983647	0.981727712
<i>Atp2a2</i>	-0.349866948	0.186242973	-1.878551135	0.060305809	0.725221283
<i>Ift81</i>	-0.134244499	0.131796756	-1.018572105	0.308406153	0.9139204
<i>P2rx7</i>	0.014249419	0.251902949	0.0565671	0.954890043	0.996070133
<i>P2rx4</i>	-0.033057174	0.093184553	-0.354749504	0.722777261	0.988585656
<i>Camkk2</i>	0.230986137	0.174025936	1.327308686	0.184406592	0.871716376
<i>Anapc5</i>	9.84E-05	0.115637419	0.000850876	0.999321099	0.999886097
<i>Rnf34</i>	0.109159064	0.138274399	0.789437992	0.429856058	0.945321484
<i>Kdm2b</i>	0.09572871	0.231399018	0.413695404	0.679097194	0.983903958
<i>A930024E05Rik</i>	0.399402855	0.464251015	0.8603166	0.389614545	0.933734231
<i>Orai1</i>	-0.154603796	0.221173396	-0.699016245	0.484541879	0.957710647
<i>Morn3</i>	-0.119135222	0.249002016	-0.478450834	0.63232936	0.977034429
<i>Tmem120b</i>	0.265836186	0.227382491	1.169114581	0.24235747	0.896939594
<i>Rhof</i>	-0.171943831	0.388496529	-0.442587817	0.658063898	0.979614766
<i>Setd1b</i>	0.059205207	0.408230682	0.145028802	0.884688132	0.992886758
<i>Psmd9</i>	0.292371015	0.084663789	3.453318343	0.000553735	0.164378785
<i>Bcl7a</i>	-0.108959394	0.225285506	-0.483650264	0.628634096	0.977034429
<i>Mlxip</i>	-0.293268533	0.240613612	-1.218836004	0.222906443	0.892391445
<i>Lrrc43</i>	-0.222137986	0.348095475	-0.638152466	0.523374436	0.965637248
<i>B3gnt4</i>	-0.158916444	0.438582488	-0.362341062	0.717097177	0.988585656
<i>Diablo</i>	-0.083722875	0.12227963	-0.684683747	0.493543507	0.958916246
<i>Vps33a</i>	0.050129419	0.151865529	0.330090833	0.741331329	0.988585656
<i>Clip1</i>	-0.214212396	0.161911749	-1.323019467	0.185828904	0.872305715
<i>Zcchc8</i>	-0.173335303	0.141376527	-1.226054336	0.220178228	0.889044644
<i>Rsrc2</i>	-0.214895667	0.134901112	-1.592986629	0.111163191	0.800468873
<i>Kntc1</i>	1.06617004	0.466307345	2.286410564	0.022230251	0.618422027
<i>Hcar2</i>	0.038492873	0.257342316	0.149578481	0.881097187	0.992886758

<i>Hcar1</i>	0.250320853	1.115445954	0.224413251	0.822435761	0.992886758
<i>Denr</i>	0.183743872	0.10496997	1.750442269	0.080042028	0.75659671
<i>Ccdc62</i>	-0.094201412	0.349222426	-0.269746171	0.787355537	0.990988839
<i>Hip1r</i>	0.062499574	0.130564732	0.478686494	0.632161675	0.977034429
<i>Vps37b</i>	0.006611043	0.216043735	0.030600485	0.975588156	0.997262526
<i>Abcb9</i>	-0.286794765	0.508614091	-0.56387499	0.572839212	0.971613657
<i>Ogfod2</i>	0.01640709	0.14995901	0.109410502	0.912876905	0.994688009
<i>Arl6ip4</i>	0.104055921	0.094105243	1.105739889	0.268839119	0.89804647
<i>Pitpnm2</i>	0.060637819	0.238511764	0.254234079	0.799314724	0.990988839
<i>Mphosph9</i>	-0.273910078	0.327937681	-0.835250394	0.403576741	0.937834293
<i>2810006K23Rik</i>	0.383162087	0.203760758	1.880450831	0.060046661	0.725221283
<i>Cdk2ap1</i>	-0.25328495	0.135653323	-1.867148887	0.061880799	0.725730283
<i>Sbno1</i>	-0.10880144	0.157419884	-0.691154361	0.489468541	0.958560421
<i>Setd8</i>	0.150044908	0.147115485	1.019912402	0.307770007	0.9139204
<i>Rilpl2</i>	0.093573773	0.145848359	0.641582626	0.521144217	0.964784335
<i>Snrnp35</i>	0.04316607	0.258253119	0.167146365	0.867254885	0.992886758
<i>Rilpl1</i>	-0.076361766	0.166869747	-0.457613002	0.647230501	0.979004493
<i>Tmed2</i>	0.124285484	0.17092933	0.727116195	0.467154779	0.953239786
<i>Ddx55</i>	-0.080190347	0.20430234	-0.392508215	0.694682743	0.987013595
<i>Eif2b1</i>	-0.013463176	0.154548233	-0.087113104	0.930581609	0.994688009
<i>Gtf2h3</i>	0.032288993	0.148009379	0.218155046	0.827308309	0.992886758
<i>Tctn2</i>	0.189485008	0.179912963	1.053203752	0.292247619	0.907334416
<i>Atp6v0a2</i>	-0.138384507	0.140454544	-0.985261869	0.324495458	0.91640698
<i>Dnah10</i>	-0.058152022	0.260941426	-0.222854697	0.823648596	0.992886758
<i>Ccdc92</i>	0.158980201	0.304047367	0.522879715	0.601057962	0.974001549
<i>Zfp664</i>	-0.112733944	0.123598972	-0.912094516	0.361718965	0.926455466
<i>Fam101a</i>	0.241956449	0.338907297	0.713931068	0.475269805	0.956761005
<i>Ncor2</i>	0.394225257	0.207517834	1.899717483	0.057470205	0.721735927
<i>Scarb1</i>	-0.25329768	0.168874639	-1.499915448	0.133636306	0.827800491
<i>Ubc</i>	-0.173062707	0.198592529	-0.871446211	0.383510563	0.931591679
<i>Dhx37</i>	-0.179076415	0.346037547	-0.517505734	0.604803167	0.974001549
<i>Bri3bp</i>	0.237818995	0.186142416	1.277618503	0.201383973	0.881220006
<i>Aacs</i>	-0.188219173	0.176496763	-1.066417133	0.28623512	0.905916508
<i>Tmem132c</i>	0.020592541	0.220772158	0.093275083	0.925685026	0.994688009
<i>Slc15a4</i>	-0.005501345	0.153911221	-0.035743623	0.971486787	0.996733101
<i>Glt1d1</i>	-0.758082991	1.509362593	-0.502253729	0.615489053	0.974001549
<i>Tmem132d</i>	0.139091754	0.456741531	0.30453056	0.760723714	0.989266039
<i>5930412G12Rik</i>	-0.138763882	0.915805465	-0.151521134	0.879564641	0.992886758
<i>Stx2</i>	0.074257407	0.244321108	0.303933653	0.761178438	0.989266039
<i>Ran</i>	0.146808705	0.185776465	0.790243829	0.429385384	0.945321484
<i>Adgrd1</i>	-0.047395072	0.354293138	-0.133773609	0.893581597	0.993422442
<i>Sfswap</i>	0.108168328	0.197819161	0.546804096	0.584513328	0.97242196
<i>Mmp17</i>	-0.40713633	0.546629137	-0.744812712	0.456384949	0.951472839
<i>Zfp11</i>	-0.166900361	0.418463548	-0.398840858	0.690010469	0.986002801
<i>Mrps17</i>	-0.022832271	0.141974034	-0.160820048	0.872235135	0.992886758
<i>Gbas</i>	-0.017764723	0.080904881	-0.219575415	0.82620184	0.992886758
<i>Psph</i>	0.07931426	0.17699613	0.448112961	0.654071674	0.979133069
<i>Cct6a</i>	-0.064821105	0.112634246	-0.575500853	0.564952614	0.969658675
<i>Sumf2</i>	-0.016588045	0.164132514	-0.101064955	0.919498897	0.994688009
<i>Phkg1</i>	-0.370711206	0.522671884	-0.709261809	0.478162024	0.957438234
<i>Chchd2</i>	0.181903542	0.155945144	1.166458517	0.243429111	0.896939594
<i>Zbed5</i>	0.338964051	0.394857552	0.858446416	0.390646007	0.933734231
<i>Nupr1l</i>	0.329766077	0.324430381	1.01644635	0.309416883	0.9139204
<i>Vkorc1l1</i>	-0.043821473	0.143503219	-0.305369271	0.760084923	0.989266039
<i>Gusb</i>	0.023686651	0.122002988	0.194148123	0.846059902	0.992886758
<i>Asl</i>	0.139012017	0.155702284	0.892806538	0.371960784	0.928840865
<i>Crcp</i>	-0.081423276	0.13721155	-0.593414158	0.552904016	0.968926429
<i>Tpst1</i>	0.078337043	0.144022349	0.543922821	0.586494584	0.972904784
<i>Kctd7</i>	0.587400825	0.336818318	1.743969354	0.081164434	0.760377276
<i>Rabgef1</i>	-0.19645335	0.13076819	-1.502302284	0.133019059	0.827800491
<i>Tmem248</i>	0.088032056	0.139100892	0.632864782	0.526821948	0.965637248
<i>Sbds</i>	0.023949758	0.080747565	0.296600372	0.766771627	0.989884648

<i>Tyw1</i>	-0.069589032	0.276964213	-0.251256404	0.801615879	0.990988839
<i>Wbscr17</i>	0.708723449	0.935230094	0.757806505	0.448566827	0.948476747
<i>Auts2</i>	-0.294427551	0.767954925	-0.383391709	0.70142935	0.988482081
<i>Gatsl2</i>	0.476918356	0.530858541	0.898390662	0.368977313	0.928436166
<i>Wbscr16</i>	0.127317614	0.143177588	0.889228649	0.373880209	0.928840865
<i>Gtf2ird2</i>	-0.248920354	0.347499784	-0.716318011	0.473795008	0.955974667
<i>Ncf1</i>	-0.336922486	0.194393438	-1.733198869	0.083060328	0.76099108
<i>Gtf2i</i>	0.070124034	0.115973299	0.604656718	0.545407112	0.967491297
<i>Gtf2ird1</i>	-0.335460389	0.29557061	-1.134958543	0.256392689	0.897248195
<i>Clip2</i>	-0.274683715	0.252079053	-1.089672908	0.275857254	0.900302631
<i>Syna</i>	0.36026186	1.286430796	0.280047602	0.779440984	0.990988839
<i>Rfc2</i>	0.056634151	0.122769431	0.461304987	0.644579807	0.97889195
<i>Lat2</i>	0.324206341	0.195039679	1.662258375	0.09646098	0.781321691
<i>Eif4h</i>	-0.152067042	0.130538003	-1.16492545	0.244049171	0.896939594
<i>Limk1</i>	-0.347702956	0.271750566	-1.279493033	0.200723492	0.880971088
<i>Eln</i>	0.520536148	0.190378353	2.734219203	0.00625284	0.427133716
<i>Wbscr27</i>	0.152691513	0.300510925	0.508106361	0.611378755	0.974001549
<i>Cldn4</i>	-0.03801979	0.223512801	-0.170101175	0.86493057	0.992886758
<i>Cldn3</i>	-0.280475337	0.112018662	-2.503826878	0.012285813	0.525888996
<i>Wbscr25</i>	-2.14291599	2.166143024	-0.989277239	0.322527517	0.91640698
<i>Abhd11</i>	0.045682256	0.159261552	0.286837942	0.77423641	0.990730604
<i>Abhd11os</i>	0.331993852	0.478514038	0.693801698	0.487806578	0.958288569
<i>Stx1a</i>	-0.140030256	0.392593261	-0.356680232	0.721331206	0.988585656
<i>Wbscr22</i>	0.043491338	0.128478117	0.338511637	0.734977659	0.988585656
<i>Dnajc30</i>	0.260518386	0.208118103	1.251781472	0.210649503	0.884340413
<i>Vps37d</i>	-0.499720813	0.614391512	-0.813358915	0.416012308	0.943415794
<i>Mlxipl</i>	-0.315035127	0.411415087	-0.765735474	0.443833715	0.948476747
<i>Tbl2</i>	-0.218760718	0.29404145	-0.743979184	0.456889069	0.951742083
<i>Bcl7b</i>	0.153779475	0.099024641	1.552941506	0.12043711	0.81558552
<i>Baz1b</i>	-0.058685807	0.144626301	-0.405775484	0.684907574	0.985105247
<i>Nsun5</i>	0.184539791	0.241227611	0.765002771	0.444269895	0.948476747
<i>Pom121</i>	-0.181407062	0.415455629	-0.436646056	0.662368057	0.980647283
<i>Hip1</i>	-0.122377867	0.189799976	-0.644772825	0.519074415	0.96446859
<i>Rhbdd2</i>	-0.246681803	0.186279772	-1.324254375	0.185418578	0.871716376
<i>Por</i>	-0.232998687	0.11768784	-1.979802562	0.047725718	0.701952043
<i>Tmem120a</i>	0.031875385	0.165542819	0.192550695	0.847310862	0.992886758
<i>Styxl1</i>	0.09203878	0.24732304	0.372139936	0.709788663	0.988585656
<i>Mdh2</i>	-0.096644141	0.105016689	-0.920274121	0.357429529	0.924354588
<i>Hspb1</i>	-0.354767601	0.17602411	-2.015448913	0.043857634	0.688477147
<i>Ywhag</i>	-0.231564128	0.159412127	-1.452613002	0.146331234	0.843780493
<i>Ssc4d</i>	0.130887253	0.564767191	0.23175435	0.816728815	0.992678823
<i>Zp3</i>	0.036873674	1.380757984	0.026705385	0.978694718	0.997262526
<i>Dtx2</i>	-0.167373098	0.2040279	-0.820344169	0.412019934	0.942121471
<i>Upk3b</i>	-0.112214088	0.291031163	-0.385574132	0.699812095	0.988393777
<i>Upk3bl</i>	-1.057298086	1.942041366	-0.544426141	0.586148261	0.972904784
<i>Rasa4</i>	-0.133215243	0.30171014	-0.44153386	0.658826554	0.979924124
<i>Polr2j</i>	0.343286919	0.166466798	2.062194523	0.03918922	0.679118604
<i>Lrwd1</i>	0.007874302	0.195646962	0.040247505	0.967895805	0.996474415
<i>Alkbh4</i>	-0.022247511	0.254273978	-0.087494249	0.930278657	0.994688009
<i>Orai2</i>	-0.148505715	0.237556123	-0.625139499	0.531879506	0.966606934
<i>Prkrip1</i>	0.234258736	0.145942568	1.605143299	0.108462272	0.798150849
<i>Sh2b2</i>	-0.255317338	0.622297853	-0.410281567	0.681599412	0.984683806
<i>Cux1</i>	-0.321936546	0.217282647	-1.481648679	0.138433799	0.834856909
<i>Col26a1</i>	-0.075017873	0.697604818	-0.107536346	0.914363493	0.994688009
<i>Ift22</i>	0.235432386	0.135638345	1.735736212	0.082610487	0.76099108
<i>4933404O12Rik</i>	-0.109431247	0.692747734	-0.15796695	0.874482842	0.992886758
<i>Fis1</i>	0.232942109	0.152214313	1.530356146	0.125928598	0.822401003
<i>Cldn15</i>	-0.099789167	0.208262476	-0.479150968	0.631831233	0.977034429
<i>Znhit1</i>	0.188206571	0.169005854	1.113609777	0.26544663	0.89768067
<i>Plod3</i>	-0.204031311	0.237571943	-0.858819054	0.390440354	0.933734231
<i>Ap1s1</i>	0.193748224	0.109311207	1.77244612	0.076320532	0.752876039
<i>Serpine1</i>	0.089133597	0.340098656	0.262081591	0.793258539	0.990988839

Trim56	-0.025205268	0.553544647	-0.045534301	0.963681435	0.996474415
Ache	-0.160315957	1.075204866	-0.149102708	0.881472589	0.992886758
Ufsp1	-0.43806279	0.647506489	-0.67653807	0.498699084	0.960700483
Srrt	-0.100748963	0.109762542	-0.917881097	0.358681119	0.925178192
Trip6	0.117060399	0.130656812	0.895937972	0.370285892	0.928436166
Slc12a9	-0.26038476	0.357792123	-0.727754313	0.466763996	0.953083512
Ephb4	0.133350966	0.106099981	1.256842502	0.208810672	0.884258007
Zan	0.008360016	2.098343415	0.003984103	0.996821154	0.999449398
Pop7	0.167256531	0.155927806	1.072653654	0.283426542	0.905916508
Gigyf1	-0.271053796	0.240058786	-1.129114249	0.258849641	0.897248195
Gnb2	0.019627301	0.113529729	0.172882481	0.862743802	0.992886758
Tfr2	0.281178134	0.590686127	0.476019533	0.634060462	0.977034429
Mospd3	-0.049382485	0.272922748	-0.180939426	0.856415122	0.992886758
Pcolce	-0.127587567	0.167390498	-0.762215111	0.445931629	0.948476747
Fbxo24	0.947877505	0.531945899	1.781905844	0.074764587	0.75241101
Gm20605	-1.457405599	1.10821479	-1.315093077	0.188478623	0.874826736
Irs3	-0.611366873	0.559637161	-1.092434376	0.27464222	0.900302631
Agfg2	-0.2596516	0.181159981	-1.433272395	0.151780008	0.852463772
Nyap1	-0.268174243	0.733917219	-0.365401214	0.714811935	0.988585656
Tsc22d4	-0.176185586	0.181246922	-0.972074912	0.331013282	0.917115058
Ppp1r35	0.2601135	0.180390033	1.44195051	0.149316336	0.848779008
Mepce	-0.104185377	0.176752795	-0.589441186	0.555565355	0.968926429
Zcwpw1	0.017537241	0.715600749	0.024507019	0.980448185	0.997296835
Pilra	-0.059309584	0.241410745	-0.245679139	0.805930622	0.99099448
Pilrb1	0.646178742	0.380133354	1.699873836	0.089154659	0.768297719
Pilrb2	-0.192069349	0.405186504	-0.474027015	0.635480643	0.977034429
Cyp3a13	-0.590441603	0.271739804	-2.172819717	0.029793889	0.649459041
Azgp1	-0.003395972	0.202967496	-0.016731607	0.986650732	0.998148029
Zkscan1	-0.086256213	0.160147566	-0.538604581	0.590159726	0.974001549
Zscan21	0.115074887	0.151178297	0.761186555	0.446545647	0.948476747
Zfp113	-0.001928858	0.211708159	-0.009110929	0.992730631	0.998971527
Cops6	0.260514493	0.115246064	2.260506642	0.023789825	0.622011301
Mcm7	0.140028939	0.120405701	1.162975982	0.244839247	0.896939594
Ap4m1	0.003798653	0.225329572	0.016858207	0.986549734	0.998148029
Taf6	-0.033396871	0.136079654	-0.24542149	0.806130091	0.99099448
Cnpy4	0.04819958	0.222535868	0.21659241	0.828526001	0.992886758
Mblac1	0.482638139	0.276179009	1.747555469	0.080541032	0.758011246
Nxpe5	-0.364023633	1.007281007	-0.361392333	0.717806179	0.988585656
Lamtor4	0.322542747	0.136412746	2.364461953	0.018056282	0.58167504
BC037034	0.08578194	0.220980651	0.388187562	0.697877237	0.9876159
6330418K02Rik	-0.093038457	0.826250934	-0.112603149	0.910345188	0.994688009
Gal3st4	-0.219814632	0.875291668	-0.251133011	0.801711275	0.990988839
Gpc2	-0.366840906	0.858921983	-0.42709456	0.669310455	0.981863224
Zfp157	0.304799206	0.199829501	1.525296338	0.127185201	0.824450458
Zfp68	0.135564224	0.141695679	0.956728002	0.33870456	0.919246575
A430033K04Rik	-0.601789377	0.330614775	-1.820213198	0.068726544	0.743426713
Fam20c	-0.180958249	0.377813268	-0.478962133	0.631965568	0.977034429
Pdgfa	-0.136241536	0.142464026	-0.956322382	0.338909386	0.919246575
Prkar1b	-0.35066614	0.18474789	-1.898079273	0.05768564	0.72285319
Dnaaf5	0.237608435	0.323798808	0.733815038	0.463061474	0.953083512
Sun1	-0.071888276	0.127884165	-0.562135867	0.574023453	0.971613657
Get4	0.16266317	0.13350119	1.218439853	0.223056868	0.892391445
Adap1	0.097865605	0.265447395	0.368681731	0.712364967	0.988585656
Cox19	0.0804698	0.178984771	0.449590207	0.653005951	0.979004493
3110082I17Rik	0.552289256	0.159339431	3.466117916	0.000528032	0.159651346
Mir339	-0.425303325	1.242236358	-0.342369084	0.732073151	0.988585656
D830046C22Rik	-0.241007045	0.29865022	-0.80698767	0.419673587	0.943415794
Gpr146	-0.192307681	0.130151553	-1.477567318	0.139523627	0.836535783
C130050O18Rik	0.18498691	0.427468639	0.432749664	0.665196646	0.981727712
Gper1	0.913256079	0.679252735	1.344501143	0.178786387	0.867377413
Zfand2a	-0.036281481	0.1301744	-0.278714407	0.780464006	0.990988839
Micall2	-0.077126425	0.393826943	-0.195838365	0.84473668	0.992886758

<i>Ints1</i>	0.403097371	0.325442418	1.238613497	0.215488667	0.887633697
<i>Mafk</i>	-0.052598529	0.127954964	-0.411070644	0.681020735	0.984420145
<i>Tmem184a</i>	-0.304188283	0.208536449	-1.458681611	0.14465276	0.841977044
<i>Psmg3</i>	0.339590903	0.161463076	2.103210902	0.035447338	0.674795441
<i>Elfn1</i>	-0.460294214	0.327374544	-1.406017121	0.159719041	0.856679626
<i>Mad111</i>	-0.032215291	0.282092612	-0.114201115	0.909078368	0.994688009
<i>Ftsj2</i>	0.249233329	0.14404339	1.730265638	0.083582826	0.76099108
<i>Nudt1</i>	0.210834727	0.209519252	1.006278537	0.314281602	0.91586731
<i>Snx8</i>	0.082875062	0.170632935	0.485692062	0.627185512	0.976752533
<i>Eif3b</i>	-0.028151625	0.118791509	-0.236983475	0.81266961	0.992000477
<i>Chst12</i>	-0.338565807	0.201661148	-1.678884655	0.093174526	0.775558829
<i>Lfng</i>	-0.120576661	0.124329111	-0.969818409	0.332137015	0.917115058
<i>Ttyh3</i>	-0.306730681	0.301244514	-1.018211673	0.308577373	0.9139204
<i>lqce</i>	-0.224728323	0.21543905	-1.043117866	0.296893707	0.909070179
<i>Brat1</i>	-0.435699295	0.273045996	-1.595699268	0.110555952	0.800111791
<i>Amz1</i>	0.25369752	0.18138386	1.398677478	0.161909721	0.858667769
<i>Gna12</i>	-0.27825913	0.221576683	-1.255814129	0.209183368	0.884258007
<i>Card11</i>	0.454772575	0.288057307	1.578757294	0.114391738	0.809025248
<i>Sdk1</i>	1.309153829	1.124397665	1.164315677	0.244296106	0.896939594
<i>Foxk1</i>	0.030112065	0.336786415	0.089409974	0.928756097	0.994688009
<i>Ap5z1</i>	0.148277967	0.240432782	0.616712771	0.537424196	0.96674935
<i>Radil</i>	-0.081048087	0.40325274	-0.200985831	0.840709653	0.992886758
<i>Papolb</i>	2.472334332	1.681919838	1.46994778	0.141575898	0.840741274
<i>Wipi2</i>	0.120325322	0.11441047	1.05169852	0.29293789	0.907334416
<i>Slc29a4</i>	-0.16778567	1.747187459	-0.096031865	0.923495265	0.994688009
<i>Tnrc18</i>	0.187505902	0.284669127	0.658680147	0.510101184	0.963452765
<i>Cngb1</i>	-0.697550745	1.240180469	-0.562459063	0.573803288	0.971613657
<i>Fbxl18</i>	-0.246956872	0.992156976	-0.248909072	0.803431118	0.990988839
<i>Actb</i>	0.089346679	0.1294595	0.690151584	0.490098867	0.958560421
<i>Fscn1</i>	-0.1809322	0.465309739	-0.388842496	0.697392663	0.987548136
<i>Rnf216</i>	-0.106879463	0.193468198	-0.552439439	0.580647316	0.971613657
<i>Rbakdn</i>	0.520269923	1.002447431	0.518999707	0.603760946	0.974001549
<i>Rbak</i>	0.08358598	0.184561344	0.452889962	0.65062798	0.979004493
<i>Zfp12</i>	0.041609151	0.211153212	0.197056678	0.843783184	0.992886758
<i>Zfp316</i>	-0.473997241	0.425614086	-1.113678462	0.265417152	0.89768067
<i>E130309D02Rik</i>	0.039638075	0.223770807	0.177136937	0.859400829	0.992886758
<i>Zdhhc4</i>	-0.048964592	0.14831845	-0.330131497	0.741300605	0.988585656
<i>0610040B10Rik</i>	0.321944586	0.385103332	0.835995327	0.403157532	0.937834293
<i>Kdelr2</i>	-0.13552884	0.099133066	-1.367140615	0.171581235	0.86244803
<i>Daglb</i>	-0.319939709	0.241153545	-1.326705395	0.184606156	0.871716376
<i>Rac1</i>	-0.239252964	0.090940654	-2.630869184	0.008516681	0.474579703
<i>Fam220a</i>	0.461925488	0.1719613	2.6862177	0.007226599	0.452031612
<i>Cyth3</i>	-0.203440248	0.106913665	-1.902846071	0.057060634	0.721735927
<i>Usp42</i>	0.432554997	0.299453433	1.444481677	0.14860353	0.84832848
<i>D130017N08Rik</i>	0.982724127	0.987461791	0.99520218	0.319637942	0.91640698
<i>Eif2ak1</i>	-0.309290735	0.253646813	-1.219375599	0.222701667	0.892391445
<i>Aimp2</i>	0.141543037	0.178165322	0.794447736	0.426934823	0.944290206
<i>Pms2</i>	0.216696741	0.180606546	1.199827723	0.230206255	0.895404344
<i>Ccz1</i>	0.01882688	0.126338206	0.149019684	0.881538101	0.992886758
<i>Ocm</i>	-0.065957372	1.146400913	-0.057534298	0.954119585	0.996070133
<i>Lmtk2</i>	-0.216541541	0.233682849	-0.926647129	0.354109777	0.924354588
<i>Bhlha15</i>	-0.610254758	0.957176716	-0.637557044	0.523762066	0.965637248
<i>Tecpr1</i>	-0.091917106	0.234952378	-0.391215899	0.695637657	0.98715859
<i>Bri3</i>	0.124580004	0.232942181	0.534810844	0.592780664	0.974001549
<i>Baiap2l1</i>	-0.210817866	0.219986692	-0.958321	0.337900918	0.919246575
<i>Gm15708</i>	0.641674103	1.057565593	0.606746387	0.544019233	0.967491297
<i>Nptx2</i>	-0.361621539	1.608426937	-0.224829323	0.822112054	0.992886758
<i>Ttrap</i>	0.303475271	0.206579717	1.469046795	0.141820097	0.840741274
<i>Smurf1</i>	-0.026202834	0.21477564	-0.122000958	0.90289826	0.994688009
<i>1700018F24Rik</i>	0.612870738	2.012604704	0.304516201	0.760734652	0.989266039
<i>Arpc1a</i>	0.075601956	0.13519859	0.559191893	0.576030766	0.971613657
<i>Arpc1b</i>	0.217747405	0.094261065	2.310046111	0.020885601	0.604325792

<i>Pdap1</i>	0.129598215	0.078949914	1.64152446	0.100688594	0.788783372
<i>Bud31</i>	0.244405311	0.16718163	1.461914869	0.14376454	0.841934045
<i>Ptcd1</i>	0.230653247	0.28404412	0.812033168	0.4167726	0.943415794
<i>Cpsf4</i>	0.056781918	0.219932288	0.258179092	0.796268693	0.990988839
<i>Atp5j2</i>	0.269600813	0.192450954	1.400880626	0.161249773	0.857316691
<i>Zkscan14</i>	-0.148739601	0.155849048	-0.95438248	0.339890071	0.919246575
<i>Zkscan5</i>	0.019873181	0.23472589	0.084665485	0.932527336	0.994688009
<i>Zfp655</i>	0.015728102	0.120938163	0.13005078	0.896526251	0.994101834
<i>Zscan25</i>	-0.111402705	0.28450511	-0.391566622	0.695378455	0.98715859
<i>Cyp3a57</i>	0.745302386	1.235644664	0.603168862	0.54639636	0.96778188
<i>1700001J03Rik</i>	0.019591859	1.532198773	0.012786761	0.989797919	0.998417328
<i>Rnf6</i>	-0.30534944	0.180036088	-1.696045736	0.089877219	0.769347579
<i>Cdk8</i>	0.105549908	0.184648498	0.571626139	0.567575283	0.970955746
<i>Wasf3</i>	0.109203764	0.407780741	0.267800201	0.788853116	0.990988839
<i>Usp12</i>	-0.024331931	0.137342468	-0.177162474	0.859380771	0.992886758
<i>Rpl21</i>	0.050834972	0.110138658	0.461554307	0.644400968	0.97889195
<i>Rasl11a</i>	0.158635096	0.167055909	0.949592846	0.342319175	0.919850248
<i>Gtf3a</i>	0.118734774	0.193032156	0.615103599	0.538486306	0.966776546
<i>Mtif3</i>	0.197022974	0.148028331	1.330981531	0.183195088	0.869576666
<i>Ln timer</i>	-0.192033625	0.294522928	-0.652015876	0.514390931	0.964352198
<i>Polr1d</i>	0.200389196	0.172310209	1.16295603	0.244847343	0.896939594
<i>Flt3</i>	0.106411093	0.427995388	0.248626729	0.803649531	0.990988839
<i>D5Ertd605e</i>	1.318482365	1.56841237	0.840647772	0.400545287	0.937054436
<i>Pan3</i>	-0.084864397	0.16975977	-0.499908763	0.617139322	0.974001549
<i>Flt1</i>	0.107932359	0.207454984	0.520268815	0.602876228	0.974001549
<i>Pomp</i>	0.063039547	0.141436038	0.445710639	0.655806278	0.979416887
<i>Slc46a3</i>	-0.483450373	0.217623752	-2.221496364	0.026317361	0.632301593
<i>Mtus2</i>	-0.68580715	0.384349683	-1.78433125	0.074369855	0.751093915
<i>Slc7a1</i>	-0.148109069	0.421849763	-0.351094353	0.725517564	0.988585656
<i>Ubi3</i>	0.074339183	0.124770287	0.595808381	0.551303244	0.968926429
<i>2210417A02Rik</i>	0.17577124	1.790974277	0.098142806	0.921818898	0.994688009
<i>Katnal1</i>	-0.139442259	0.299676235	-0.465309699	0.64170969	0.97813956
<i>5930430L01Rik</i>	0.434295511	0.287120061	1.512592013	0.130383324	0.827800491
<i>Gm15408</i>	0.540183656	0.44729836	1.207658476	0.227178656	0.894038302
<i>Hmgb1</i>	0.124058645	0.073235832	1.693961032	0.090272688	0.769347579
<i>5730422E09Rik</i>	-1.025115992	1.355345121	-0.756350523	0.449439064	0.948476747
<i>Usp11</i>	-0.112407765	0.163578632	-0.687178782	0.491970074	0.958916246
<i>Alox5ap</i>	0.250112768	0.119012896	2.101560216	0.035591818	0.674795441
<i>Medag</i>	-0.124979413	0.162294001	-0.7700803	0.441252261	0.948068187
<i>Tex26</i>	-0.202856779	0.322513083	-0.628987753	0.529357074	0.965637248
<i>Gm15997</i>	2.322288562	0.951862253	2.439731752	0.014698172	0.554936045
<i>Wdr95</i>	-0.561608072	0.426451006	-1.316934571	0.187860557	0.874351146
<i>Hsph1</i>	-0.694116923	0.204752765	-3.39002466	0.000698863	0.19339563
<i>B3glct</i>	-0.3505692	0.253790042	-1.381335522	0.167175821	0.860403806
<i>Rxfp2</i>	0.897982468	0.473843901	1.89510188	0.058078906	0.72285319
<i>Fry</i>	0.465559626	0.284907617	1.634072233	0.102243684	0.788963633
<i>Brca2</i>	0.46988875	0.647681118	0.725493977	0.468149038	0.953657709
<i>N4bp2l1</i>	0.085347223	0.181856321	0.469311279	0.638847154	0.977795535
<i>N4bp2l2</i>	0.067623064	0.103903173	0.650827711	0.51515771	0.964352198
<i>Pds5b</i>	-0.143963222	0.136329148	-1.055997375	0.290969414	0.907334416
<i>Kl</i>	-0.723497375	1.749561523	-0.413530685	0.679217846	0.983903958
<i>Stard13</i>	0.084452844	0.152982164	0.552043725	0.580918396	0.971613657
<i>1700028E10Rik</i>	1.186354998	1.077428057	1.101099039	0.270853555	0.89804647
<i>Gm3704</i>	0.28255978	0.87991252	0.321122582	0.748117498	0.988585656
<i>Rfc3</i>	0.147938731	0.172517924	0.857526727	0.39115385	0.933734231
<i>Samd9l</i>	-0.076765408	0.114885255	-0.668191999	0.504011042	0.96179897
<i>Hepacam2</i>	-0.445969119	0.532791182	-0.83704298	0.40256841	0.937834293
<i>Ccdc132</i>	-0.200731084	0.173268247	-1.158498961	0.246660475	0.896939594
<i>Tfpi2</i>	-0.568170292	0.353424892	-1.607612552	0.107920061	0.796929372
<i>Gng11</i>	0.467714506	0.187410486	2.495668814	0.012571992	0.525888996
<i>Bet1</i>	0.284825901	0.172532661	1.650852079	0.098768783	0.786907305
<i>Col1a2</i>	-0.017102221	0.192528045	-0.088829764	0.929217203	0.994688009

<i>Casd1</i>	-0.274098369	0.139332073	-1.967230975	0.049156589	0.707153766
<i>Sgce</i>	-0.053385531	0.103281075	-0.516895577	0.605229056	0.974001549
<i>Peg10</i>	-0.683022846	0.56922489	-1.199917394	0.230171424	0.895404344
<i>Ppp1r9a</i>	-0.169549943	0.175378856	-0.966763879	0.333662085	0.917554801
<i>Pon1</i>	0.1852836	0.267473672	0.692717151	0.488487074	0.958481967
<i>Pon3</i>	-0.141754323	0.127799502	-1.109193084	0.267346896	0.89804647
<i>Pon2</i>	-0.023789806	0.094211926	-0.252513742	0.800643994	0.990988839
<i>Asb4</i>	0.374493916	1.320777702	0.283540459	0.776762572	0.990861469
<i>Pdk4</i>	0.302244191	0.293233901	1.030727311	0.302668714	0.911518274
<i>Dync1i1</i>	-1.086336285	1.328716967	-0.81758291	0.413595389	0.94325631
<i>1700019G24Rik</i>	0.496595126	1.694704755	0.293027517	0.769501119	0.989990452
<i>Slc25a13</i>	-0.233344778	0.219899093	-1.061144796	0.288624103	0.907334416
<i>Shfm1</i>	0.409635426	0.125241443	3.270765773	0.001072567	0.240510037
<i>Sdhaf3</i>	0.160597694	0.23689347	0.677932124	0.497814731	0.960700483
<i>Asns</i>	-0.017721419	0.243948084	-0.072644223	0.942089235	0.994688009
<i>C1galt1</i>	-0.639283295	0.203246751	-3.145355541	0.001658851	0.284736028
<i>Col28a1</i>	-0.178026909	1.330511445	-0.133803366	0.893558066	0.993422442
<i>Mios</i>	-0.442233592	0.187891524	-2.353664408	0.018589385	0.58705782
<i>Rpa3</i>	0.405820709	0.214272965	1.89394266	0.058232621	0.72285319
<i>Umad1</i>	0.018181454	0.14839934	0.122517084	0.902489517	0.994688009
<i>A430035B10Rik</i>	0.088867193	0.21400452	0.415258489	0.677952686	0.983670411
<i>Glcci1</i>	-0.332018592	0.269419647	-1.232347367	0.217819353	0.887633697
<i>Ica1</i>	-0.268951184	0.179756592	-1.496196498	0.134602457	0.828680121
<i>Nxph1</i>	-1.106380321	0.435393236	-2.541105901	0.011050244	0.5053707
<i>Ndufa4</i>	0.195990004	0.197495668	0.992376215	0.321014037	0.91640698
<i>Phf14</i>	0.020968753	0.150017215	0.139775643	0.888837258	0.992955588
<i>Thsd7a</i>	0.075743895	0.700182433	0.108177372	0.913854994	0.994688009
<i>Tmem106b</i>	-0.242861134	0.092411371	-2.628043847	0.008587745	0.475600561
<i>Tmem168</i>	0.067107951	0.135264442	0.496124109	0.61980685	0.974471036
<i>B630005N14Rik</i>	0.016066081	0.117266785	0.137004533	0.891027212	0.993043931
<i>Gpr85</i>	-0.208139151	0.924001207	-0.225258527	0.821778161	0.992886758
<i>2610001J05Rik</i>	0.124496355	0.095858161	1.298755929	0.194027704	0.879588734
<i>1110019D14Rik</i>	-0.09085943	0.206814084	-0.439329025	0.660423146	0.979924124
<i>Ppp1r3a</i>	-0.801552412	0.414487389	-1.93384029	0.053132767	0.707153766
<i>Foxp2</i>	-0.068752293	0.343168907	-0.200345344	0.841210502	0.992886758
<i>Mdfic</i>	-0.002614624	0.095590378	-0.027352377	0.978178682	0.997262526
<i>Tfec</i>	-0.265055438	0.260785583	-1.016373045	0.309451776	0.9139204
<i>Tes</i>	0.020187133	0.15040383	0.13421954	0.893228975	0.993341156
<i>D830026I12Rik</i>	0.16901247	0.26606495	0.635230118	0.525278343	0.965637248
<i>Cav2</i>	0.041879554	0.152277757	0.275020824	0.78330024	0.990988839
<i>Cav1</i>	-0.239398607	0.146840672	-1.630329003	0.103031981	0.79028905
<i>Met</i>	-0.117324844	0.143951434	-0.815030743	0.415054713	0.943415794
<i>Capza2</i>	0.055753629	0.102867722	0.541993431	0.587823031	0.973455044
<i>St7</i>	-0.030822306	0.122506159	-0.251598013	0.801351795	0.990988839
<i>Wnt2</i>	0.036410963	0.187610856	0.194077059	0.846115544	0.992886758
<i>Asz1</i>	-1.136288706	0.964755884	-1.177799198	0.238876668	0.896609492
<i>Cftr</i>	-0.043782404	0.283501146	-0.154434663	0.877267025	0.992886758
<i>Cttnbp2</i>	-0.177946182	0.468553842	-0.379777447	0.704110625	0.988585656
<i>Lsm8</i>	0.36109389	0.121193516	2.979481932	0.002887363	0.345325017
<i>Kcnd2</i>	0.365999582	1.812169823	0.201967595	0.839942057	0.992886758
<i>Tspan12</i>	0.085415414	0.118205439	0.722601383	0.469924818	0.95486913
<i>Ing3</i>	-0.020897606	0.224103339	-0.093249863	0.925705062	0.994688009
<i>Cped1</i>	-0.198270037	0.1588318	-1.248301894	0.211920521	0.884945675
<i>Wnt16</i>	-0.57072311	1.95511338	-0.29191305	0.770353105	0.989990452
<i>Fam3c</i>	0.215958577	0.147007712	1.469028901	0.14182495	0.840741274
<i>Ptprz1</i>	0.012445224	0.293532469	0.042398119	0.966181328	0.996474415
<i>Aass</i>	-0.172600973	0.206740649	-0.834867133	0.403792522	0.937834293
<i>Cadps2</i>	0.009472307	0.140425109	0.067454507	0.946219877	0.995065399
<i>Iqub</i>	-0.380432365	0.246573716	-1.542874765	0.122861165	0.817788082
<i>Ndufa5</i>	0.416585665	0.175141096	2.378571766	0.017379853	0.579835303
<i>Asb15</i>	0.053858065	1.252511759	0.043000048	0.965701496	0.996474415
<i>Lmod2</i>	0.006617677	0.419909967	0.015759753	0.987426057	0.998148029

Wasl	0.030270524	0.14992156	0.201909078	0.839987805	0.992886758
Gpr37	0.064959095	1.492664444	0.043518887	0.965287909	0.996474415
Pot1a	-0.195527787	0.207967398	-0.940184803	0.347122775	0.921552698
Zfp800	-0.183516277	0.175120635	-1.047942048	0.294665308	0.907334416
Gcc1	-0.216214996	0.216551532	-0.998445933	0.31806317	0.91640698
Arf5	0.029460066	0.141083307	0.208813268	0.834594013	0.992886758
Snd1	-0.109438382	0.166587306	-0.656943102	0.511217503	0.963452765
Lrrc4	-0.825880516	1.048066559	-0.788003881	0.430694436	0.945321484
Lep	-0.29032917	1.941636117	-0.149528105	0.881136934	0.992886758
Rbm28	-0.170953794	0.212939318	-0.80282869	0.422073757	0.943415794
Prrt4	-0.057173327	0.487340054	-0.117317111	0.906608766	0.994688009
Impdh1	0.168790237	0.189478879	0.890812941	0.373029531	0.928840865
Hilpda	0.545228653	0.17337421	3.144808292	0.001661957	0.284736028
Fam71f2	0.403320306	0.8153724	0.494645521	0.620850363	0.97514112
Calu	-0.251420604	0.111590118	-2.253072299	0.024254591	0.624613096
Opn1sw	1.340819669	3.976958515	0.337147009	0.736006081	0.988585656
Ccdc136	-0.275671039	0.653012013	-0.42215309	0.672913279	0.983233856
Flnc	-0.102767626	0.407559843	-0.252153463	0.800922447	0.990988839
Atp6v1f	0.17276619	0.185404446	0.931834127	0.351422255	0.922900298
Gm9047	-0.17945662	2.17583665	-0.082477065	0.934267356	0.994688009
Kcp	-0.445443445	0.83514998	-0.533369401	0.593777895	0.974001549
Irf5	-0.052852874	0.200776036	-0.263242938	0.792363338	0.990988839
Tnp03	-0.062984518	0.172473587	-0.365183557	0.714974391	0.988585656
Tspan33	0.212465348	0.347135224	0.612053555	0.540502325	0.966989525
Smo	0.264700082	0.145076565	1.824554379	0.068068303	0.742385562
Ahcyl2	-0.199445919	0.202044128	-0.987140389	0.32357382	0.91640698
Strip2	-0.153610221	0.540687886	-0.284101465	0.776332624	0.990861469
Smkr-ps	0.007684659	0.190524417	0.040334248	0.96782665	0.996474415
Nrf1	0.046518471	0.150619701	0.308847187	0.757437772	0.989266039
Ube2h	-0.062098789	0.136301669	-0.455598155	0.64867897	0.979004493
Zc3hc1	-0.098649341	0.164200364	-0.60078637	0.547982283	0.968738549
Klhdc10	-0.272842402	0.218170806	-1.250590796	0.21108381	0.884390587
Tmem209	-0.027813911	0.242088507	-0.114891496	0.908531126	0.994688009
Ssmem1	0.987883356	1.54213988	0.640592575	0.521787425	0.965211168
Cpa1	-1.308935086	2.008172174	-0.651804215	0.514527482	0.964352198
Cep41	-0.234391245	0.225025393	-1.041621308	0.297587286	0.909070179
Mest	0.196103719	0.329511748	0.595134227	0.551753751	0.968926429
Copg2	-0.160734433	0.164514375	-0.977023641	0.328557449	0.917115058
Lincpint	-0.368088261	1.094245205	-0.336385537	0.736580154	0.988585656
2210408F21Rik	0.30219211	0.287003766	1.052920365	0.292377492	0.907334416
Mkln1os	0.450820763	0.459275738	0.981590634	0.326301564	0.916800143
Mkln1	-0.248840009	0.148479333	-1.675923532	0.093753172	0.775558829
Podxl	0.169977443	0.124506103	1.365213743	0.17218588	0.86244803
Plxna4	-0.128445714	0.32048178	-0.400789443	0.688575152	0.98538669
Plxna4os1	0.265685629	0.2792872	0.951298979	0.341452625	0.919850248
Chchd3	0.261698916	0.109755079	2.384390035	0.01710746	0.573539012
Exoc4	-0.284718378	0.199613754	-1.42634649	0.153768351	0.854159937
Lrguk	-0.010585519	0.253124354	-0.041819439	0.966642638	0.996474415
Slc35b4	-0.15975379	0.154691636	-1.032724164	0.301733002	0.911518274
Akr1b8	-0.107971393	0.185494473	-0.582073368	0.560517263	0.968926429
Akr1b10	-0.230781393	0.156551291	-1.474158357	0.140438959	0.838065382
Akr1b7	0.005893874	0.270876158	0.021758557	0.982640553	0.997390438
Bpgm	0.253008228	0.14454055	1.75043078	0.080044009	0.75659671
Cald1	-0.169205692	0.116109568	-1.45729327	0.145035444	0.842729381
Agbl3	0.266029821	0.215258983	1.235859319	0.216510861	0.887633697
Tmem140	0.873260343	0.499135856	1.749544402	0.080196961	0.757302357
3110062M04Rik	0.329402531	0.292530317	1.126045785	0.26014614	0.897248195
Wdr91	0.147683733	0.233438564	0.632644971	0.526965513	0.965637248
Stra8	2.026187978	2.504052436	0.809163558	0.418421073	0.943415794
2010107G12Rik	-0.674371515	1.243114447	-0.542485462	0.58748412	0.973455044
Cnot4	-0.24437508	0.257492182	-0.949058252	0.342590986	0.919850248
Nup205	-0.027799959	0.249408375	-0.111463613	0.911248718	0.994688009

1810058I24Rik	-0.156033037	0.140403925	-1.111315346	0.266432636	0.89768067
Slc13a4	1.577409304	1.142206579	1.381019277	0.167273033	0.860403806
Fam180a	-0.024610418	0.334951619	-0.073474544	0.9414285	0.994688009
Mtpn	-0.085596996	0.109041257	-0.784996414	0.432455671	0.9459793
9330158H04Rik	0.862959947	0.476650619	1.810466434	0.070223485	0.744227652
Chrm2	-0.036962271	0.609827792	-0.060610998	0.951669014	0.996023481
Ptn	0.264239565	0.396567249	0.666317166	0.505208396	0.962138588
Creb3l2	-0.171887145	0.375230084	-0.458084658	0.646891621	0.979004493
Trim24	-0.3748546	0.19508131	-1.921530051	0.054664918	0.710600406
Svopl	-1.483336191	0.992517866	-1.494518378	0.135040182	0.829809681
Atp6v0a4	-0.239735812	0.308938867	-0.775997576	0.437750417	0.94749626
Tmem213	-0.588740905	0.446519685	-1.318510527	0.187332803	0.873455432
D630045J12Rik	0.394702862	0.451522311	0.874160263	0.382030983	0.930680372
Zc3hav1l	0.048200727	0.447476154	0.107716862	0.914220294	0.994688009
Zc3hav1	-0.140907738	0.205461015	-0.685812527	0.492831336	0.958916246
Ttc26	-0.4342996	0.192927332	-2.251104576	0.024378915	0.626649273
Ubn2	-0.086120429	0.260892024	-0.330099894	0.741324483	0.988585656
1110001J03Rik	0.438185566	0.298705775	1.466947083	0.142390451	0.840741274
Luc7l2	-0.104914755	0.089287568	-1.175020856	0.239986372	0.896939594
Klrg2	-0.231509647	0.423021586	-0.547276203	0.584188991	0.972333834
Clec2l	-1.962668008	2.359753079	-0.831726008	0.405563617	0.939557159
Hipk2	-0.234495782	0.434980136	-0.539095381	0.589821043	0.974001549
Tbxas1	-0.411560448	0.293422639	-1.402619954	0.160730198	0.857316691
Parp12	0.009104371	0.119158578	0.076405501	0.939096494	0.994688009
4930599N23Rik	0.577839223	0.778925963	0.74184101	0.45818367	0.952235842
Kdm7a	-0.245032007	0.213604818	-1.147127713	0.251328842	0.896939594
Slc37a3	0.032517929	0.126655847	0.256742423	0.79737762	0.990988839
Rab19	0.036491647	0.202455011	0.180245709	0.856959676	0.992886758
Mkrn1	0.227784528	0.100536872	2.265681456	0.023470894	0.622011301
Dennd2a	-0.324634409	0.191007982	-1.699585563	0.089208908	0.768297719
Adck2	0.019542167	0.153578522	0.127245441	0.898746141	0.994364545
Ndufb2	0.629519853	0.272279862	2.312032365	0.0207759	0.604325792
Braf	-0.351558585	0.209125693	-1.681087483	0.092745923	0.775044718
Mrps33	0.315149874	0.174997696	1.800880132	0.071721775	0.744227652
Agk	-0.092500868	0.239299068	-0.386549219	0.699089958	0.987801103
E330009J07Rik	-0.281401511	0.393761631	-0.714649395	0.474825714	0.956387791
Ssbp1	0.234188715	0.146812193	1.595158481	0.110676801	0.800111791
Clec5a	0.031971934	0.339750206	0.094104238	0.925026354	0.994688009
Mgam	2.992621131	1.833618018	1.632085365	0.102661504	0.789323778
Ephb6	-0.187291342	0.353933918	-0.52917037	0.596687269	0.974001549
Trpv6	-0.316529356	0.349028459	-0.906886953	0.364466581	0.926556975
Gstk1	0.045547303	0.156151493	0.291686628	0.770526234	0.989990452
Tmem139	0.235978007	0.248094659	0.951161173	0.341522565	0.919850248
Casp2	-0.320888684	0.190592097	-1.683641085	0.092251054	0.774469646
Fam131b	-0.530437472	0.735580182	-0.721114414	0.470839124	0.95486913
Zyx	-0.20603307	0.217158057	-0.948770093	0.342737556	0.919850248
Epha1	-0.465850546	0.277979178	-1.675846908	0.093768183	0.775558829
2010310C07Rik	0.827360034	1.040825085	0.794907853	0.426667106	0.944290206
Olfra456	-0.220380285	0.740648749	-0.297550337	0.766046384	0.989884648
Tcaf2	0.083788509	0.34086989	0.245807893	0.805830947	0.99099448
Tcaf1	-0.069194141	0.229045955	-0.302097196	0.76257797	0.989285682
Arhgef5	-0.054606949	0.174078625	-0.313691295	0.753755513	0.988585656
Tpk1	-0.074950795	0.219097817	-0.34208828	0.732284458	0.988585656
Cul1	-0.037489186	0.099807757	-0.375613948	0.70720392	0.988585656
Ezh2	0.282382899	0.235411401	1.199529407	0.230322157	0.895404344
Pdia4	-0.247869788	0.126375217	-1.961379718	0.049834744	0.707153766
Zfp786	-0.44111466	0.840426178	-0.524870205	0.599673423	0.974001549
Zfp398	-0.093829369	0.580567155	-0.161616737	0.871607676	0.992886758
Zfp282	0.200572634	0.370598585	0.541212629	0.588361034	0.973455044
Zfp212	0.082423555	0.165558345	0.497852011	0.618588354	0.974471036
Zfp783	0.056392991	0.789487754	0.071429849	0.943055654	0.994819052
Zfp956	0.114820355	0.27455991	0.418197817	0.675802492	0.983549699

Zfp777	-0.45300338	0.301321701	-1.503387833	0.132739062	0.827800491
Zfp746	0.031213338	0.210865876	0.148024605	0.88232335	0.992886758
Krba1	-0.178524589	0.346689815	-0.51494039	0.606594675	0.974001549
Zfp467	-0.226384647	0.17297011	-1.308807909	0.190599427	0.877833971
Sspo	-0.093936439	1.087455698	-0.086381854	0.931162872	0.994688009
Zfp862-ps	-0.194204201	0.272407986	-0.712916695	0.475897308	0.95716557
1700026J14Rik	1.076590296	1.10667744	0.972813086	0.330646208	0.917115058
Atp6v0e2	-0.172895593	0.15095613	-1.145336683	0.252069716	0.896939594
Lrrc61	-0.204732186	0.444041224	-0.461065719	0.644751456	0.978970741
Rarres2	-0.077642114	0.198398221	-0.391344809	0.695542381	0.98715859
Repin1	0.037374804	0.266675125	0.140151071	0.88854063	0.992886758
Zfp775	0.081434578	0.358799253	0.226964179	0.820451596	0.992886758
Al854703	-0.459215909	0.89558223	-0.512756834	0.608121428	0.974001549
Gimap8	0.056972234	0.127367858	0.447304638	0.654655119	0.979133069
Gimap9	0.309138069	0.190712818	1.620961155	0.10502597	0.793869912
Gimap4	0.360989621	0.144194395	2.503492739	0.01229742	0.525888996
Gimap6	0.440350727	0.185693267	2.371387687	0.017721432	0.579835303
Gimap7	0.921063764	0.274048474	3.360951992	0.000776743	0.201299795
Gimap1	0.11323028	0.214710682	0.527362119	0.597942144	0.974001549
Gimap5	0.188453687	0.1531081	1.230853802	0.218377549	0.888436964
Gimap3	0.377539648	0.193460557	1.95150708	0.050996755	0.707153766
Tmem176b	-0.192850597	0.111373932	-1.731559564	0.083352011	0.76099108
Tmem176a	-0.272754055	0.113285789	-2.407663457	0.016054973	0.560105876
Aoc1	-0.101001382	0.200399725	-0.503999604	0.614261655	0.974001549
Gpnmb	-0.503990812	0.316989893	-1.58992707	0.111851245	0.801067615
Malsu1	0.143757038	0.182479548	0.787798083	0.430814822	0.945321484
Igf2bp3	-0.954107131	0.587950022	-1.622769104	0.104638773	0.793021779
Tra2a	-0.080406635	0.124860058	-0.643974032	0.519592273	0.964665379
Ccdc126	0.066171106	0.175043498	0.378026646	0.7054108	0.988585656
Fam221a	-0.059998873	0.187803028	-0.319477665	0.749364326	0.988585656
Stk31	-5.518500159	4.918045246	-1.12209219	0.261823244	0.897248195
Mpp6	-0.352728841	0.241670705	-1.459543228	0.144415652	0.841934045
Dfna5	0.25084731	0.505258819	0.496472898	0.619560804	0.974471036
Osbpl3	-0.130271961	0.172532672	-0.755056764	0.450214924	0.949134998
Cycs	0.319603015	0.154945688	2.062677693	0.039143261	0.679118604
5430402O13Rik	-4.85E-05	0.53684068	-9.03E-05	0.999927936	0.999957126
4921507P07Rik	0.042018016	0.96354349	0.043607805	0.96521703	0.996474415
Nfe2l3	-0.452340888	0.298455696	-1.515604807	0.129619311	0.827800491
Hnrnpa2b1	-0.157546334	0.136927601	-1.150581284	0.249904537	0.896939594
Cbx3	0.040186286	0.108727985	0.369603888	0.711677654	0.988585656
Snx10	0.225680912	0.139887431	1.613303713	0.10667854	0.794908043
Skap2	-0.034728171	0.113529298	-0.305896116	0.759683743	0.989266039
Halr1	0.349707797	2.002486128	0.174636814	0.86136502	0.992886758
Hoxa1	-0.623735703	0.703440251	-0.886693222	0.375244089	0.928883222
Hotairm1	0.779127494	0.234211582	3.326596774	0.000879135	0.220825154
Hoxa2	0.466774883	0.504392247	0.925420416	0.354747263	0.924354588
Hoxaas2	0.170103479	0.393739043	0.432020858	0.665726253	0.981798021
Hoxa3	-0.000903739	0.350723305	-0.002576787	0.997944024	0.999591134
Hoxa4	0.139334559	0.325829928	0.427629715	0.668920728	0.981863224
Hoxa5	-0.384826788	0.244126299	-1.57634302	0.114946772	0.81007959
Hoxa6	-0.656913699	1.57598214	-0.416828137	0.67680412	0.983549699
Mira	0.360834733	0.450170156	0.801551875	0.422812225	0.943509323
Hoxa7	0.507203223	0.475463101	1.066756226	0.28608193	0.905916508
Hibadh	-0.102579119	0.076913828	-1.333688893	0.182305836	0.868546072
Tax1bp1	-0.243335509	0.120565158	-2.018290462	0.043561019	0.687169821
Jazf1	-0.288468632	0.303974684	-0.948989002	0.342626206	0.919850248
9430076C15Rik	-0.393551011	1.662295872	-0.236751482	0.812849593	0.992048071
Creb5	-0.162910733	0.818883194	-0.198942576	0.842307664	0.992886758
Tril	0.393570567	0.205462964	1.915530465	0.055424888	0.713559351
Cpvl	0.621486423	1.573977497	0.394850895	0.692952931	0.986599035
Chn2	0.025964988	0.219390621	0.11835049	0.905789953	0.994688009
9130019P16Rik	1.494291733	2.119829989	0.704911121	0.480865549	0.957463006

<i>Prr15</i>	0.073852976	0.308159848	0.239658011	0.810595389	0.991438232
<i>Wipf3</i>	0.488677163	0.383812948	1.273216981	0.202941057	0.882297774
<i>Scrn1</i>	-0.020520083	0.223650438	-0.091750697	0.926896117	0.994688009
<i>Fkbp14</i>	-0.491097865	0.244493312	-2.008635169	0.044575839	0.689848075
<i>Plekha8</i>	-0.056539574	0.219530898	-0.257547228	0.796756362	0.990988839
<i>Mturn</i>	-0.039114996	0.134553673	-0.290701811	0.771279387	0.989990452
<i>Znrf2</i>	0.020807276	0.138389221	0.150353296	0.880485886	0.992886758
<i>Nod1</i>	-0.03075855	0.10806987	-0.284617256	0.775937389	0.990861469
<i>Ggct</i>	0.119738568	0.182977975	0.654387872	0.512861946	0.964133218
<i>Gars</i>	0.018751044	0.120933333	0.155052737	0.876779742	0.992886758
<i>Crhr2</i>	0.323429221	1.639115821	0.197319321	0.84357766	0.992886758
<i>Inmt</i>	0.046575555	0.137188904	0.339499435	0.734233523	0.988585656
<i>Fam188b</i>	0.127921882	0.20917345	0.611558887	0.540829647	0.966989525
<i>Aqp1</i>	-0.173423871	0.115659084	-1.49944012	0.133759492	0.827800491
<i>Ghrhr</i>	-1.721388341	1.804214094	-0.954093168	0.340036484	0.919320363
<i>6430584L05Rik</i>	0.630396588	0.965381904	0.653002284	0.513754806	0.964352198
<i>Adcyap1r1</i>	0.060696816	0.470793528	0.128924492	0.897417397	0.994101834
<i>Ccdc129</i>	-0.286849706	0.203774303	-1.407683413	0.159224836	0.856502327
<i>Pde1c</i>	-0.631095701	0.798726967	-0.790126948	0.429453633	0.945321484
<i>Lsm5</i>	0.321379161	0.221760531	1.44921713	0.147276955	0.846074835
<i>Avl9</i>	-0.280842438	0.12193888	-2.303141033	0.021270909	0.60743619
<i>Kbtbd2</i>	-0.214224087	0.123157359	-1.739433914	0.081958467	0.76099108
<i>Fkbp9</i>	0.032334369	0.119589724	0.270377485	0.78686986	0.990988839
<i>Nt5c3</i>	0.162129672	0.147481373	1.099323047	0.271627183	0.89804647
<i>Ppm1k</i>	-0.056621888	0.163796996	-0.34568331	0.729580729	0.988585656
<i>Herc6</i>	-0.093401438	0.180566583	-0.517268681	0.604968614	0.974001549
<i>Pyurf</i>	0.062862443	0.182343395	0.344747574	0.730284149	0.988585656
<i>Lancl2</i>	-0.108015888	0.158032383	-0.683504772	0.494287936	0.958916246
<i>Vopp1</i>	0.086452286	0.193765095	0.446170587	0.655474028	0.979133069
<i>Abcg2</i>	-0.111077316	0.187084736	-0.593727304	0.552694518	0.968926429
<i>Herc3</i>	-0.483848262	0.282909978	-1.710255201	0.087218692	0.765601928
<i>Nap1l5</i>	0.169753416	0.570248281	0.297683346	0.765944856	0.989884648
<i>Fam13a</i>	-0.270235015	0.147968527	-1.82630063	0.06780499	0.742385562
<i>Tigd2</i>	0.003542013	0.157462484	0.022494329	0.982053635	0.997390438
<i>Gprin3</i>	-0.640874587	0.489974941	-1.307974212	0.190882056	0.877906723
<i>Snca</i>	0.660692436	0.252335749	2.618306916	0.008836729	0.475600561
<i>Mmrn1</i>	0.21461046	0.177270371	1.210639201	0.226033713	0.893814924
<i>A730020E08Rik</i>	0.142155359	0.323976634	0.438782753	0.660818958	0.979924124
<i>Ccser1</i>	-0.294223666	0.196122674	-1.500202193	0.133562035	0.827800491
<i>Smarcad1</i>	-0.063652684	0.135551907	-0.469581617	0.638653961	0.977795535
<i>Hpgds</i>	-0.192001671	0.741946069	-0.258781169	0.795804088	0.990988839
<i>Tnip3</i>	-0.099687597	0.330500854	-0.301625836	0.76293731	0.989285682
<i>Ndnf</i>	-0.25197079	0.16265812	-1.54908215	0.121361973	0.816233249
<i>Prdm5</i>	0.332576228	0.365497901	0.909926507	0.36286127	0.926455466
<i>Mad2l1</i>	0.218051041	0.185826017	1.173415029	0.240629413	0.896939594
<i>Gng12</i>	-0.036931432	0.115231557	-0.320497552	0.748591186	0.988585656
<i>Gadd45a</i>	0.318550407	0.202215296	1.575303225	0.11518647	0.81007959
<i>E230016M11Rik</i>	1.442520983	1.073925143	1.343223029	0.179199767	0.867377413
<i>Serbp1</i>	0.032568073	0.090319464	0.360587539	0.718407806	0.988585656
<i>Il12rb2</i>	0.176894499	1.22674889	0.144197806	0.885344273	0.992886758
<i>Il23r</i>	-0.545656101	1.11833352	-0.487918936	0.625607261	0.97639266
<i>Tacstd2</i>	-0.052084891	0.190617791	-0.273242548	0.784666775	0.990988839
<i>Rpia</i>	-0.044990948	0.157871089	-0.284985355	0.775655362	0.990861469
<i>Eif2ak3</i>	0.128279906	0.223043674	0.575133577	0.565200961	0.969738975
<i>Thnsl2</i>	0.199079453	0.246385343	0.808000389	0.419090358	0.943415794
<i>Fabp1</i>	0.493870723	0.252907584	1.952771503	0.050846677	0.707153766
<i>Smyd1</i>	-0.243459858	0.285965439	-0.851361126	0.394568779	0.933796635
<i>Mir8112</i>	0.607785103	0.7226557	0.841043809	0.400323393	0.936803788
<i>Krcc1</i>	0.060221546	0.133328838	0.451676821	0.651501819	0.979004493
<i>Cd8b1</i>	-0.499783663	0.419590021	-1.191123807	0.233604985	0.89581803
<i>Cd8a</i>	0.390309574	0.414955785	0.940605214	0.346907209	0.921552698
<i>Rmnd5a</i>	-0.159756356	0.153274433	-1.042289656	0.297277406	0.909070179

<i>Rnf103</i>	-0.321122094	0.183181878	-1.753023265	0.079598014	0.75659671
<i>Chmp3</i>	0.102267638	0.105501104	0.969351349	0.332369917	0.917115058
<i>Kdm3a</i>	-0.092607891	0.14112616	-0.656206413	0.511691323	0.963452765
<i>Reep1</i>	-0.073763604	0.253688227	-0.290764791	0.771231215	0.989990452
<i>Mrpl35</i>	-0.219135285	0.163849282	-1.337419868	0.181085623	0.868087032
<i>Immt</i>	-0.352666874	0.121023267	-2.914041922	0.00356782	0.373408948
<i>Ptcd3</i>	-0.240579106	0.146080558	-1.646893396	0.09957996	0.788783372
<i>Polr1a</i>	0.169208518	0.342151996	0.494541958	0.620923482	0.97514112
<i>St3gal5</i>	0.346988971	0.187412517	1.851471699	0.064101723	0.732905339
<i>Atoh8</i>	-0.14373274	0.261445613	-0.549761529	0.582482948	0.972017845
<i>Sftpb</i>	-0.273328794	0.19517368	-1.400438795	0.161381959	0.857316691
<i>Usp39</i>	-0.027317816	0.145960603	-0.18715883	0.851536103	0.992886758
<i>0610030E20Rik</i>	0.120867404	0.155966063	0.774959645	0.438363506	0.947776577
<i>Tmem150a</i>	-0.062057227	0.296465621	-0.209323518	0.834195694	0.992886758
<i>Rnf181</i>	-0.025502801	0.107742306	-0.236701828	0.812888116	0.992048071
<i>Vamp5</i>	0.473030902	0.169550539	2.789910925	0.005272254	0.406593461
<i>Vamp8</i>	0.415502274	0.190416189	2.18207431	0.029104049	0.64858361
<i>Ggcx</i>	-0.061241058	0.19487517	-0.314257883	0.753325184	0.988585656
<i>Mat2a</i>	-0.042137204	0.130499045	-0.322892815	0.746776418	0.988585656
<i>Particl</i>	0.521610066	0.23556852	2.214260486	0.026810865	0.633489138
<i>Capg</i>	0.01877381	0.16322781	0.115016003	0.908432437	0.994688009
<i>Elmod3</i>	-0.071972323	0.275528343	-0.261215678	0.793926189	0.990988839
<i>Retsat</i>	-0.190427032	0.20425448	-0.93230284	0.35118004	0.92247654
<i>Tgoln1</i>	-0.366861921	0.134903535	-2.719438911	0.006539277	0.432254171
<i>Tcf7l1</i>	-0.265528735	0.340964336	-0.778758089	0.43612223	0.946762848
<i>Gm15401</i>	0.561546601	1.244551302	0.451204061	0.651842483	0.979004493
<i>Kcmf1</i>	0.161458894	0.155395662	1.039018028	0.298796352	0.909933614
<i>Tmsb10</i>	0.424721113	0.159671055	2.65997562	0.007814631	0.45506991
<i>Dnah6</i>	-0.02047856	0.23427117	-0.087413916	0.930342509	0.994688009
<i>Suc1g1</i>	-0.027487678	0.105880038	-0.259611526	0.795163445	0.990988839
<i>Ctnna2</i>	-2.467908498	1.924952468	-1.282062045	0.199820882	0.880888611
<i>Reg1</i>	-1.037791589	1.086279179	-0.955363601	0.339393854	0.919246575
<i>Reg3g</i>	-0.073601605	0.375334603	-0.196095975	0.844535047	0.992886758
<i>Gcfc2</i>	0.499288802	0.493890668	1.010929815	0.312050023	0.914819219
<i>Mrpl19</i>	0.325351112	0.168965713	1.925545169	0.054161191	0.707153766
<i>Eva1a</i>	0.2755843	0.191820108	1.436680979	0.150808662	0.850225493
<i>Tacr1</i>	-0.12260057	0.895792034	-0.13686276	0.891139275	0.993043931
<i>Pole4</i>	0.133906292	0.188107725	0.711859612	0.476551714	0.95716557
<i>Hk2</i>	-0.308946791	0.408154183	-0.75693648	0.449087918	0.948476747
<i>2310069B03Rik</i>	-0.052239644	1.366444724	-0.038230339	0.969504032	0.996628386
<i>Sema4f</i>	-0.229997878	0.358129779	-0.642219363	0.520730763	0.964784335
<i>M1ap</i>	0.577394063	0.510440542	1.131168109	0.257984342	0.897248195
<i>Dok1</i>	0.319726587	0.130313685	2.453515043	0.014146762	0.54993854
<i>Loxl3</i>	1.059546146	0.512888252	2.065842107	0.038843391	0.679118604
<i>Htra2</i>	0.501717186	0.144226743	3.478669611	0.000503909	0.15523263
<i>Aup1</i>	0.001894793	0.096143674	0.019707932	0.984276363	0.998148029
<i>Dqx1</i>	-0.023294298	0.274184942	-0.084958342	0.932294509	0.994688009
<i>Pcgf1</i>	0.365987516	0.16051421	2.28009418	0.022602103	0.620006604
<i>Lbx2</i>	0.356818956	0.379249522	0.940855387	0.346778973	0.921552698
<i>Ccdc142</i>	0.285539935	0.331144893	0.862280957	0.388532929	0.933269543
<i>Mrpl53</i>	0.198746662	0.272920298	0.728222356	0.466477483	0.953083512
<i>Mogs</i>	-0.212411579	0.180611199	-1.176070918	0.239566538	0.896939594
<i>Wbp1</i>	0.103436356	0.136385511	0.758411614	0.448204607	0.948476747
<i>Ino80b</i>	0.325683025	0.145449748	2.23914465	0.025146506	0.629375214
<i>Rtkn</i>	-0.090527039	0.234942483	-0.38531575	0.700003494	0.988482081
<i>Wdr54</i>	-0.068592323	0.19761261	-0.347104989	0.728512445	0.988585656
<i>1700003E16Rik</i>	-0.015095866	0.265915453	-0.05676942	0.954728874	0.996070133
<i>Dctn1</i>	-0.183187483	0.215099612	-0.851640227	0.394413805	0.933796635
<i>Slc4a5</i>	-0.131219444	0.305566585	-0.429429952	0.667610361	0.981863224
<i>Mthfd2</i>	0.191244209	0.352878956	0.541954134	0.587850103	0.973455044
<i>Mob1a</i>	-0.157113694	0.178155911	-0.881888747	0.377836973	0.928883222
<i>Bola3</i>	0.276920845	0.184484546	1.501051717	0.133342186	0.827800491

<i>Tet3</i>	-0.105428751	0.267402248	-0.39427025	0.693381525	0.986698113
<i>B230319C09Rik</i>	1.060708308	0.978915597	1.083554406	0.278562416	0.901682903
<i>Dguok</i>	-0.062175129	0.128854083	-0.48252355	0.629434073	0.977034429
<i>Actg2</i>	-0.258338897	0.286813694	-0.900720232	0.367737089	0.928436166
<i>Stambp</i>	-0.32953473	0.188172259	-1.751239696	0.07990463	0.75659671
<i>Gm21284</i>	-0.044079367	1.213767971	-0.036316139	0.971030281	0.996733101
<i>Cd207</i>	0.056436721	0.345624981	0.163288894	0.870290978	0.992886758
<i>Atp6v1b1</i>	-0.248274959	0.408922382	-0.607144461	0.543755046	0.967491297
<i>Tex261</i>	-0.046971537	0.124582562	-0.37703139	0.706150277	0.988585656
<i>Nagk</i>	0.091873071	0.134137264	0.68491833	0.493395458	0.958916246
<i>Paip2b</i>	0.014248859	0.097135703	0.146690234	0.883376528	0.992886758
<i>Zfp638</i>	-0.22403188	0.116323555	-1.925937357	0.054112196	0.707153766
<i>Dysf</i>	0.252116489	0.337662131	0.746653137	0.455272964	0.951224746
<i>Cyp26b1</i>	-2.187660758	0.833808365	-2.623697303	0.008698105	0.475600561
<i>Exoc6b</i>	-0.381209713	0.246015729	-1.549533902	0.121253428	0.816233249
<i>Npm3-ps1</i>	0.497908714	0.558058973	0.892215229	0.372277581	0.928840865
<i>Spr</i>	0.221305593	0.117886164	1.877282158	0.060479432	0.725221283
<i>Sfxn5</i>	0.384198309	0.43619226	0.880800381	0.378425873	0.929106652
<i>Rab11fip5</i>	-0.075859605	0.263143034	-0.288282779	0.773130288	0.990730604
<i>Smyd5</i>	0.039517507	0.250051966	0.158037177	0.874427504	0.992886758
<i>Pradc1</i>	0.213663635	0.170637462	1.252149631	0.210515346	0.884340413
<i>Cct7</i>	-0.191843489	0.082146865	-2.335372009	0.019523995	0.593178479
<i>Alms1</i>	-0.332968009	0.434675767	-0.766014657	0.443667581	0.948476747
<i>Gm4477</i>	-0.464350587	0.796581583	-0.582929102	0.559941029	0.968926429
<i>Cml3</i>	-0.291290617	0.412597008	-0.705993044	0.480192463	0.957463006
<i>Alms1-ps2</i>	0.744813606	1.983447466	0.375514662	0.707277744	0.988585656
<i>Cml5</i>	-0.279749552	1.498259857	-0.18671631	0.851883068	0.992886758
<i>Nat8</i>	-0.891258659	1.225843714	-0.727057332	0.467190836	0.953239786
<i>Cml2</i>	2.609521454	1.920658552	1.358659743	0.174254434	0.863528862
<i>1700019G17Rik</i>	-0.252164449	0.369567918	-0.682322347	0.495035145	0.959272191
<i>Cml1</i>	0.242966338	0.267846602	0.907110025	0.364348617	0.926556975
<i>Tprkb</i>	0.00897112	0.136899041	0.065530922	0.947751287	0.995503286
<i>Dusp11</i>	-0.198232534	0.102920054	-1.92608268	0.054094051	0.707153766
<i>Tgfa</i>	-0.107053669	0.28259571	-0.378822697	0.704819532	0.988585656
<i>Fam136a</i>	0.098264569	0.195540632	0.502527624	0.615296426	0.974001549
<i>Snrpg</i>	0.453397483	0.272658577	1.662876289	0.096337202	0.781321691
<i>Pcyox1</i>	-0.102456107	0.097241286	-1.053627642	0.292053429	0.907334416
<i>Tia1</i>	0.043272514	0.133129682	0.325040317	0.745150558	0.988585656
<i>C87436</i>	0.033080342	0.215415753	0.153565104	0.877952654	0.992886758
<i>A430078I02Rik</i>	-0.28372423	1.833498603	-0.154744721	0.877022572	0.992886758
<i>2310040G24Rik</i>	-0.122821012	0.311603123	-0.394158476	0.693464041	0.986698113
<i>Pcbp1</i>	-0.168737773	0.114959578	-1.467800901	0.142158313	0.840741274
<i>1600020E01Rik</i>	0.169545878	0.211259708	0.802547158	0.422236521	0.943415794
<i>Asprv1</i>	0.614170805	0.743010124	0.826598166	0.408464857	0.940123943
<i>Mxd1</i>	-0.140017433	0.200976251	-0.696686463	0.485999033	0.957710647
<i>Snrnp27</i>	0.181206711	0.182040629	0.995419057	0.319532494	0.91640698
<i>Gmcl1</i>	-0.019800637	0.135893138	-0.14570741	0.884152372	0.992886758
<i>Anxa4</i>	-0.112317189	0.120774014	-0.929978109	0.352382419	0.923152465
<i>2610306M01Rik</i>	0.06896229	0.18591822	0.370928091	0.710691092	0.988585656
<i>Aak1</i>	0.209125958	0.217415252	0.961873445	0.336113179	0.918908218
<i>Nfu1</i>	0.191202674	0.138091351	1.384610069	0.166171731	0.860082
<i>Gfpt1</i>	-0.056658718	0.137275088	-0.412738529	0.679798193	0.983903958
<i>D6Ert527e</i>	-1.773551605	2.345292494	-0.756217661	0.449518705	0.948476747
<i>Antxr1</i>	-0.147769681	0.125253094	-1.179768715	0.238092215	0.896609492
<i>Gkn3</i>	-0.150767704	0.378509518	-0.398319453	0.690394723	0.986010574
<i>Arhgap25</i>	-0.273530574	0.207931755	-1.315482447	0.188347813	0.874826736
<i>Prokr1</i>	-0.125155346	1.024875216	-0.122117643	0.902805849	0.994688009
<i>Aplf</i>	0.135787558	0.441237013	0.307742901	0.758277973	0.989266039
<i>1810020O05Rik</i>	0.886507914	0.994339613	0.891554457	0.37263179	0.928840865
<i>Efcc1</i>	-0.564883102	0.503275305	-1.12241371	0.261686578	0.897248195
<i>Gp9</i>	0.678785107	0.508357741	1.335250853	0.181794258	0.868546072
<i>Rab43</i>	0.02905436	0.173714971	0.167253055	0.867170941	0.992886758

<i>Isy1</i>	0.04808747	0.124351576	0.386705755	0.698974055	0.987770663
<i>Cnbp</i>	0.282178237	0.155474088	1.814953477	0.069531059	0.743426713
<i>Copg1</i>	-0.004233269	0.158331733	-0.026736703	0.978669738	0.997262526
<i>Hmces</i>	-0.114818746	0.189770983	-0.605038474	0.545153433	0.967491297
<i>H1fx</i>	-0.403613605	0.315215016	-1.280439018	0.200390779	0.880888611
<i>Gm5577</i>	-0.898884269	1.4592774	-0.615979025	0.537908364	0.96674935
<i>Rab7</i>	-0.00054856	0.074556447	-0.007357643	0.994129503	0.999285699
<i>Rpn1</i>	-0.168715017	0.097559924	-1.729347564	0.083746909	0.76099108
<i>Gata2</i>	0.006153866	0.181976171	0.033816877	0.973023178	0.997013089
<i>Eefsec</i>	-0.276460104	0.324929509	-0.850831014	0.394863231	0.933796635
<i>Ruvbl1</i>	0.10164611	0.148389813	0.684993853	0.4933478	0.958916246
<i>Sec61a1</i>	-0.16130558	0.138766811	-1.162421901	0.245064131	0.896939594
<i>Kbtbd12</i>	-0.561096183	0.980358248	-0.572337902	0.567093076	0.970862413
<i>Mgll</i>	-0.071814741	0.151105165	-0.47526331	0.634599307	0.977034429
<i>Abtb1</i>	0.278550775	0.167076219	1.667207798	0.095473093	0.778239075
<i>Podxl2</i>	-0.034632671	0.468156778	-0.073976653	0.941028963	0.994688009
<i>Mcm2</i>	-0.496702965	0.329234128	-1.508661836	0.131385223	0.827800491
<i>Tpra1</i>	-0.086490458	0.201281052	-0.429699949	0.66741392	0.981863224
<i>4930512J16Rik</i>	0.478735718	0.845501233	0.56621528	0.571247444	0.971613657
<i>Plxna1</i>	-0.128610162	0.23910634	-0.537878509	0.590660926	0.974001549
<i>Chchd6</i>	0.07966714	0.185475286	0.429529679	0.6675378	0.981863224
<i>Txnrd3</i>	0.039622121	0.275236638	0.143956564	0.885534769	0.992886758
<i>Zxdc</i>	-0.039292793	0.253985766	-0.154704703	0.877054122	0.992886758
<i>Ccdc37</i>	0.038210095	0.173113808	0.220722402	0.825308587	0.992886758
<i>Klf15</i>	-0.361904315	0.368824441	-0.981237343	0.326475713	0.916882624
<i>Aldh1l1</i>	-0.402333096	0.283749188	-1.417918053	0.156214691	0.855455553
<i>Slc41a3</i>	-0.126064394	0.358163545	-0.351974387	0.724857471	0.988585656
<i>lqsec1</i>	0.024933105	0.196058232	0.127171935	0.898804317	0.994364545
<i>Nup210</i>	-0.050957159	0.320790814	-0.15884856	0.873788189	0.992886758
<i>Hdac11</i>	0.113724755	0.132820489	0.856229003	0.391871123	0.933734231
<i>Fbln2</i>	0.319426391	0.319662125	0.999262554	0.31766752	0.91640698
<i>Wnt7a</i>	-0.000133637	0.373019273	-0.000358258	0.999714152	0.999957126
<i>1810044D09Rik</i>	0.064070542	0.303150906	0.211348673	0.832615205	0.992886758
<i>Chchd4</i>	0.149149924	0.178482657	0.835654997	0.403349019	0.937834293
<i>Tmem43</i>	-0.16033196	0.131578685	-1.21852533	0.223024405	0.892391445
<i>Xpc</i>	-0.055074665	0.148116493	-0.371833436	0.710016867	0.988585656
<i>Lsm3</i>	0.405532249	0.182958718	2.216523234	0.026655689	0.633489138
<i>Slc6a6</i>	-0.208293727	0.230028006	-0.90551464	0.365192808	0.926556975
<i>Grip2</i>	0.158959454	1.32746307	0.1197468	0.904683726	0.994688009
<i>Ccdc174</i>	0.259695027	0.168808969	1.538395908	0.123951842	0.820382953
<i>Fgd5</i>	0.020985577	0.172053739	0.121971062	0.902921936	0.994688009
<i>Nr2c2</i>	-0.286691145	0.262965175	-1.090224762	0.275614148	0.900302631
<i>Mrps25</i>	0.330264427	0.13981028	2.362232781	0.018165232	0.58167504
<i>Rbsn</i>	-0.097894658	0.210352401	-0.465384077	0.641656435	0.97813956
<i>Prickle2</i>	-0.047828932	0.246198097	-0.194270113	0.845964386	0.992886758
<i>Adamts9</i>	0.028172569	0.468957136	0.060074934	0.952095954	0.996023481
<i>9530026P05Rik</i>	0.233514066	0.269119632	0.867696143	0.385560698	0.931855682
<i>Magi1</i>	0.056353819	0.189323937	0.297658182	0.765964063	0.989884648
<i>Slc25a26</i>	0.263031169	0.20886532	1.259333859	0.207909768	0.884225785
<i>Lrig1</i>	-0.044842258	0.199863833	-0.224364047	0.822474044	0.992886758
<i>Kbtbd8</i>	-0.10169391	0.236032436	-0.430847183	0.666579489	0.981863224
<i>Suc1g2</i>	-0.221463638	0.105979853	-2.089676777	0.036646845	0.677009445
<i>Fam19a1</i>	0.112563238	0.463304936	0.24295713	0.808038608	0.99099448
<i>Fam19a4</i>	2.419174461	2.044025993	1.183534098	0.236597541	0.896358698
<i>Eogt</i>	-0.099605979	0.138457831	-0.719395775	0.471897099	0.954965783
<i>Tmf1</i>	-0.032862101	0.126212104	-0.260372025	0.79457682	0.990988839
<i>Uba3</i>	0.103571656	0.135025807	0.767050821	0.4430513	0.948476747
<i>Arl6ip5</i>	0.250305332	0.130997169	1.91076902	0.056034271	0.715507996
<i>Lmod3</i>	0.30718635	2.068873784	0.148479986	0.88196398	0.992886758
<i>Frmd4b</i>	-0.19473991	0.180366807	-1.079688179	0.28028106	0.903192609
<i>Mitf</i>	-0.099233445	0.229543875	-0.432307091	0.665518234	0.981727712
<i>Foxp1</i>	0.058297518	0.190219527	0.306474939	0.759243058	0.989266039

<i>Eif4e3</i>	0.018788206	0.084244474	0.223020045	0.823519906	0.992886758
<i>Gpr27</i>	0.485089763	0.82088398	0.590935838	0.554563412	0.968926429
<i>Rybp</i>	-0.302245777	0.270273398	-1.118296432	0.26344041	0.897248195
<i>Shq1</i>	-0.461637464	0.270187596	-1.708581263	0.087528542	0.766704005
<i>Gxylt2</i>	0.677876237	1.163081532	0.582827789	0.560009236	0.968926429
<i>Ppp4r2</i>	0.030347273	0.114017668	0.266162899	0.790113755	0.990988839
<i>Pdzrn3</i>	-0.267493586	0.335429085	-0.797466881	0.42517993	0.944290206
<i>Chl1</i>	-2.102620765	1.508346417	-1.393990626	0.163320435	0.859982992
<i>Cntn6</i>	-0.502290079	0.995219263	-0.504702931	0.613767502	0.974001549
<i>Cntn4</i>	0.044047133	0.987846337	0.044589053	0.964434868	0.996474415
<i>Il5ra</i>	0.178031997	0.727935917	0.244570975	0.806788641	0.99099448
<i>Trnt1</i>	0.19792468	0.141792404	1.395876464	0.162751699	0.859982992
<i>Crbn</i>	0.200993579	0.124090045	1.61973975	0.105288194	0.793982106
<i>Setmar</i>	0.111934064	0.237685117	0.470934258	0.637687683	0.977468848
<i>Sumf1</i>	-0.109683167	0.13069063	-0.839258075	0.401324504	0.937802373
<i>Itpr1</i>	0.078768773	0.1500015	0.5251199	0.599499843	0.974001549
<i>Bhlhe40</i>	-0.494575051	0.236710267	-2.089368815	0.036674536	0.677009445
<i>Arl8b</i>	-0.278670942	0.087318748	-3.191421626	0.001415745	0.27193966
<i>Edem1</i>	-0.289588978	0.162893123	-1.777785166	0.075439146	0.752876039
<i>Lmcd1</i>	-0.093895053	0.186601506	-0.503184858	0.614834309	0.974001549
<i>5031434C07Rik</i>	-1.470307021	1.987816321	-0.739659397	0.459506691	0.952865981
<i>Ssu2</i>	1.41309164	1.01333616	1.394494439	0.163168348	0.859982992
<i>Cav3</i>	0.100230774	0.381538942	0.262701294	0.792780819	0.990988839
<i>Rad18</i>	0.34463785	0.422745381	0.815237412	0.414936427	0.943415794
<i>Srgap3</i>	-0.53863624	0.543210434	-0.991579335	0.321402774	0.91640698
<i>Thumpd3</i>	0.055018157	0.147204462	0.373753324	0.708587849	0.988585656
<i>Gt(ROSA)26Sor</i>	0.428138042	0.248910915	1.720045273	0.085424212	0.761635307
<i>Setd5</i>	-0.27191901	0.142736531	-1.905041457	0.056774682	0.721593167
<i>Lhfp14</i>	-0.438362769	0.835002814	-0.524983582	0.599594604	0.974001549
<i>Mtmr14</i>	0.077355138	0.16451622	0.470197637	0.638213822	0.977779844
<i>Brpf1</i>	0.148437485	0.223834571	0.663157099	0.507229944	0.963011338
<i>Ogg1</i>	0.08848214	0.141165489	0.626797252	0.530792145	0.966026275
<i>Camk1</i>	0.186561644	0.104773931	1.780611279	0.074975976	0.75241101
<i>Tada3</i>	-0.213761208	0.202596241	-1.055109448	0.291375272	0.907334416
<i>Arpc4</i>	0.225346804	0.121504333	1.854640064	0.063647643	0.729199878
<i>Till3</i>	-0.283054725	0.253032664	-1.118648956	0.263289929	0.897248195
<i>Rpusd3</i>	0.00838834	0.263673138	0.031813404	0.974620857	0.997262526
<i>Cidec</i>	-0.24614117	0.240429037	-1.023758085	0.305949553	0.91333012
<i>Jagn1</i>	0.24187683	0.162949183	1.484369697	0.137710869	0.833085238
<i>Il17re</i>	-0.05762604	0.215774818	-0.267065641	0.789418621	0.990988839
<i>Il17rc</i>	0.005103315	0.180715692	0.028239467	0.97747116	0.997262526
<i>Creld1</i>	-0.113689906	0.124349836	-0.914274675	0.360572534	0.925913281
<i>Prrt3</i>	-0.701101062	1.159636451	-0.604586947	0.545453481	0.967491297
<i>Emc3</i>	-0.014668207	0.093655321	-0.156619041	0.875545095	0.992886758
<i>Fancd2</i>	0.71186262	0.873389409	0.815057536	0.415039377	0.943415794
<i>Brk1</i>	0.249384231	0.160705204	1.5518118	0.120707262	0.816092513
<i>Vhl</i>	-0.006631815	0.125943391	-0.052657112	0.958005111	0.996226826
<i>Irak2</i>	0.20097293	0.154154645	1.303709857	0.192332527	0.879588734
<i>Tatdn2</i>	-0.109869846	0.124864877	-0.879909936	0.378908102	0.929137643
<i>Ghrl</i>	0.321617838	0.360965599	0.890993044	0.372932902	0.928840865
<i>Sec13</i>	0.091473108	0.139460092	0.655908845	0.511882777	0.963452765
<i>Atp2b2</i>	-0.073272975	0.437237768	-0.167581533	0.866912501	0.992886758
<i>Hrh1</i>	-0.047045486	1.03164036	-0.045602604	0.963626994	0.996474415
<i>Atg7</i>	0.140606741	0.183698015	0.765423298	0.444019524	0.948476747
<i>Vgll4</i>	-0.353973709	0.295192198	-1.199129625	0.230477546	0.895404344
<i>Tamm41</i>	0.5594719	0.306607755	1.824715427	0.068043984	0.742385562
<i>Syn2</i>	-0.27883945	0.320838416	-0.869096207	0.384794511	0.931689378
<i>Timp4</i>	0.061601746	0.371621179	0.165764895	0.868341973	0.992886758
<i>Pparg</i>	0.142165285	0.271336678	0.523944224	0.600317335	0.974001549
<i>Tsen2</i>	0.248140513	0.233183947	1.064140633	0.287264996	0.907190636
<i>Mkrrn2os</i>	-0.474022684	1.09843842	-0.431542338	0.666074075	0.981863224
<i>Mkrrn2</i>	0.031670991	0.191087139	0.165741091	0.868360707	0.992886758

<i>Raf1</i>	0.004869279	0.099625246	0.048875956	0.96101815	0.996474415
<i>Tmem40</i>	0.426174008	0.326139309	1.306723832	0.191306522	0.878116834
<i>Cand2</i>	-0.321720838	1.05306803	-0.305508124	0.759979184	0.989266039
<i>Rpl32</i>	0.404009099	0.19401499	2.082360226	0.037309579	0.679118604
<i>Snora7a</i>	0.778908935	1.570152794	0.496072062	0.619843569	0.974471036
<i>Efcab12</i>	0.047086185	0.39291048	0.119839474	0.904610311	0.994688009
<i>Mbd4</i>	-0.059023169	0.345441098	-0.170863193	0.864331339	0.992886758
<i>Ift122</i>	-0.489488112	0.271145249	-1.805261621	0.071033752	0.744227652
<i>Plxnd1</i>	-0.052053714	0.198132599	-0.262721604	0.792765164	0.990988839
<i>Tmcc1</i>	-0.121189402	0.206649946	-0.586447779	0.557574644	0.968926429
<i>9530062K07Rik</i>	-0.112137169	0.562621993	-0.199311741	0.842018895	0.992886758
<i>Fam21</i>	-0.104578584	0.203289933	-0.514430706	0.606950896	0.974001549
<i>Zfand4</i>	-0.191615742	0.188810021	-1.01486002	0.310172558	0.914704835
<i>Mar-08</i>	-0.02755275	0.102381124	-0.269119434	0.787837776	0.990988839
<i>Alox5</i>	0.063983822	0.247697451	0.258314415	0.796164262	0.990988839
<i>Zfp422</i>	-0.34921267	0.170781297	-2.044794582	0.040875114	0.679118604
<i>Rassf4</i>	-0.259060423	0.223113582	-1.161114531	0.245595326	0.896939594
<i>8430408G22Rik</i>	0.293501513	0.413015208	0.71063125	0.477312773	0.95716557
<i>Cxcl12</i>	0.051188595	0.181683416	0.281746107	0.778138197	0.990988839
<i>Zfp637</i>	-0.05396717	0.143193796	-0.37688204	0.706261269	0.988585656
<i>Zfp239</i>	-0.432197385	0.677807541	-0.637640272	0.523707874	0.965637248
<i>Hnrnpf</i>	-0.014926815	0.103265427	-0.144548038	0.885067726	0.992886758
<i>Fxyd4</i>	-0.279459613	0.819475975	-0.341022338	0.733086766	0.988585656
<i>Rasgef1a</i>	0.128691626	0.16529944	0.778536368	0.436252875	0.946762848
<i>Csgalnact2</i>	-0.040062089	0.114963582	-0.348476349	0.727482473	0.988585656
<i>Ret</i>	-0.04592956	0.248500599	-0.184826759	0.853364919	0.992886758
<i>Bms1</i>	0.096160596	0.181019947	0.531215465	0.595269477	0.974001549
<i>Zfp248</i>	-0.036983017	0.263543645	-0.140329764	0.888399449	0.992886758
<i>Zfp9</i>	-0.015079948	0.22816553	-0.066092141	0.947304468	0.995297476
<i>Ankrd26</i>	0.082079414	0.504358062	0.162740363	0.870722866	0.992886758
<i>Cacna1c</i>	-0.365257756	0.376942097	-0.969002294	0.332544045	0.917115058
<i>Dcp1b</i>	-0.04226116	0.25261728	-0.167293229	0.867139332	0.992886758
<i>Cacna2d4</i>	-0.203689689	0.230126271	-0.885121409	0.376091154	0.928883222
<i>Lrtm2</i>	-0.442187986	0.340569933	-1.298376468	0.194158001	0.879588734
<i>Adipor2</i>	-0.207773255	0.137725244	-1.508606911	0.131399267	0.827800491
<i>Wnt5b</i>	-0.161221301	0.309715862	-0.520545831	0.602683193	0.974001549
<i>Fbxl14</i>	-0.244596938	0.155930901	-1.568623896	0.116735601	0.812418014
<i>Erc1</i>	0.052307421	0.377923778	0.13840733	0.889918505	0.993043931
<i>3110021A11Rik</i>	-0.095525764	1.839623605	-0.051926798	0.958587021	0.996226826
<i>Rad52</i>	0.018362323	0.182498912	0.100616071	0.919855239	0.994688009
<i>Wnk1</i>	-0.01865977	0.117037213	-0.159434506	0.873326554	0.992886758
<i>Ninj2</i>	0.307436424	1.2807888	0.240036783	0.810301741	0.991438232
<i>Ccdc77</i>	0.221597137	0.276298647	0.802020347	0.422541189	0.943509323
<i>Kdm5a</i>	-0.049645307	0.162229407	-0.306019163	0.759590055	0.989266039
<i>Il17ra</i>	-0.080718473	0.243054792	-0.332099905	0.739813822	0.988585656
<i>Cecr6</i>	-0.15556212	0.608432331	-0.255676946	0.798200298	0.990988839
<i>Cecr5</i>	0.26304348	0.189756258	1.386217679	0.165680445	0.860011234
<i>Cecr2</i>	-0.308765638	0.349287323	-0.883987532	0.376702944	0.928883222
<i>Slc25a18</i>	0.591495587	0.528932726	1.11828132	0.263446862	0.897248195
<i>Atp6v1e1</i>	0.070018602	0.111304283	0.629073744	0.529300779	0.965637248
<i>Bcl2l13</i>	-0.020461081	0.160263952	-0.127671138	0.898409232	0.994364545
<i>Bid</i>	-0.006789947	0.219481238	-0.030936344	0.975320306	0.997262526
<i>Mical3</i>	-0.437699971	0.325891821	-1.343083634	0.179244894	0.867377413
<i>Pex26</i>	-0.438885263	0.257027995	-1.707538761	0.08772196	0.766721861
<i>Tuba8</i>	-0.282549916	0.24849323	-1.137052772	0.255516225	0.897044747
<i>Usp18</i>	-0.176684174	0.179156685	-0.986199169	0.324035387	0.91640698
<i>Slc6a13</i>	-0.259140322	1.172702548	-0.220977027	0.825110321	0.992886758
<i>Klrg1</i>	1.114314074	0.302930152	3.67845217	0.000234654	0.095054639
<i>M6pr</i>	0.050410917	0.076851104	0.655955668	0.511852649	0.963452765
<i>Phc1</i>	-0.371441802	0.261117829	-1.42250647	0.154879275	0.854973821
<i>Rimklb</i>	0.337272551	1.011375999	0.333478896	0.738772817	0.988585656
<i>Mfap5</i>	-0.046436419	0.116880902	-0.397296888	0.691148542	0.986191149

<i>Apobec1</i>	0.141163582	0.24210337	0.583071528	0.559845149	0.968926429
<i>Gdf3</i>	-0.766259234	1.444928189	-0.530309561	0.595897318	0.974001549
<i>Dppa3</i>	0.20370499	1.490737829	0.136647093	0.891309751	0.993043931
<i>Nanog</i>	-1.037201549	1.070611819	-0.968793292	0.332648334	0.917115058
<i>Slc2a3</i>	0.210354663	0.302136665	0.696223556	0.486288838	0.957736773
<i>Foxj2</i>	0.166356497	0.278723766	0.596850779	0.550607012	0.968926429
<i>C3ar1</i>	-0.621973531	0.596482822	-1.042735027	0.297071031	0.909070179
<i>Necap1</i>	-0.144667884	0.129826371	-1.114318169	0.265142715	0.89768067
<i>Clec4a1</i>	0.13614329	0.362487789	0.375580348	0.707228903	0.988585656
<i>Clec4a3</i>	0.018253052	0.218880925	0.083392611	0.933539364	0.994688009
<i>Clec4a4</i>	1.559406541	2.2807129	0.68373645	0.494141602	0.958916246
<i>Clec4b1</i>	0.086440184	0.303623754	0.284695065	0.775877772	0.990861469
<i>Clec4a2</i>	-0.412277428	0.251946336	-1.636370009	0.101762172	0.788783372
<i>Clec4n</i>	-0.130227076	0.245888527	-0.529618352	0.596376568	0.974001549
<i>Clec4d</i>	0.464374395	0.337712269	1.375059299	0.169113061	0.861597949
<i>Clec4e</i>	0.136162442	0.333861214	0.407841452	0.683390079	0.984738223
<i>Cd163</i>	-0.139411828	0.434836831	-0.320607222	0.748508064	0.988585656
<i>Pex5</i>	0.097447019	0.226474204	0.430278669	0.666992942	0.981863224
<i>Clstn3</i>	0.281002728	0.550588291	0.510368151	0.609793565	0.974001549
<i>C1rl</i>	0.107666104	0.22444532	0.479698592	0.631441729	0.977034429
<i>C1ra</i>	-0.162790678	0.213566599	-0.762247833	0.445912103	0.948476747
<i>C1s1</i>	-0.188933646	0.137452699	-1.374535729	0.169275426	0.861597949
<i>Lpcat3</i>	-0.220329269	0.203574854	-1.082301008	0.279118798	0.901874653
<i>Emg1</i>	0.454719133	0.181923159	2.499512082	0.012436446	0.525888996
<i>Phb2</i>	0.250748585	0.103490906	2.422904528	0.015396973	0.557315333
<i>Ptpn6</i>	0.337139235	0.158004063	2.133737754	0.032864254	0.665167506
<i>Grcc10</i>	0.245537294	0.13855091	1.772181026	0.076364512	0.752876039
<i>Atn1</i>	0.246859363	0.23780692	1.038066357	0.299239163	0.910105802
<i>Eno2</i>	-0.209930449	0.435683764	-0.481841342	0.629918658	0.977034429
<i>Lrrc23</i>	0.085299767	0.135027405	0.631721888	0.527568623	0.965637248
<i>Spsb2</i>	-0.070631031	0.19409392	-0.363901306	0.71593171	0.988585656
<i>Tpi1</i>	-0.017807441	0.102341821	-0.173999646	0.861865741	0.992886758
<i>Usp5</i>	-0.012350144	0.168658417	-0.073225776	0.941626455	0.994688009
<i>Cdca3</i>	0.036384713	0.362296185	0.100428089	0.920004471	0.994688009
<i>P3h3</i>	-0.106673078	0.178055828	-0.599099052	0.549106834	0.968926429
<i>Gpr162</i>	-0.035101337	0.87949247	-0.039910901	0.968164161	0.996474415
<i>Cd4</i>	0.474656504	0.543397349	0.873498013	0.382391689	0.930775109
<i>Lag3</i>	0.544054934	0.439934685	1.236672063	0.216208854	0.887633697
<i>Ptms</i>	-0.000479527	0.152271667	-0.003149151	0.997487345	0.99957296
<i>Mlf2</i>	0.136177252	0.103304276	1.318215054	0.187431667	0.873560421
<i>Cops7a</i>	-0.102497909	0.107249807	-0.955693183	0.339227267	0.919246575
<i>Pianp</i>	-0.853543968	1.330504876	-0.641518857	0.521185633	0.964784335
<i>Zfp384</i>	-0.301229156	0.189726574	-1.587701451	0.112353865	0.801398667
<i>4930557K07Rik</i>	-0.887731444	1.606221831	-0.552682965	0.58048052	0.971613657
<i>Ing4</i>	0.160032565	0.134139078	1.193034628	0.232855812	0.89581803
<i>Acrbp</i>	0.453233432	0.448290599	1.011025959	0.312004006	0.914819219
<i>Lpar5</i>	-0.885972401	2.203284237	-0.402114437	0.687599808	0.98538669
<i>Chd4</i>	-0.103112071	0.128386976	-0.803134978	0.421896723	0.943415794
<i>Nop2</i>	-0.407071095	0.193619224	-2.102431194	0.035515521	0.674795441
<i>Iffo1</i>	0.312518399	0.281109401	1.111732291	0.266253272	0.89768067
<i>Gapdh</i>	-0.030498244	0.163157978	-0.186924624	0.851719732	0.992886758
<i>Ncapd2</i>	0.352675312	0.420140062	0.839423191	0.401231874	0.937720128
<i>Mrpl51</i>	0.417257429	0.130094834	3.207332812	0.001339719	0.26039992
<i>Mir3098</i>	0.007233367	0.653486293	0.011068889	0.991168485	0.998770784
<i>Vamp1</i>	0.283394314	0.428870025	0.660793008	0.508745067	0.963452765
<i>Tapbpl</i>	0.076481628	0.109240668	0.70012047	0.483852073	0.957710647
<i>E130112N10Rik</i>	-0.123441858	0.859446185	-0.143629537	0.885793015	0.992886758
<i>Cd27</i>	0.059747555	0.330816525	0.180606319	0.856676595	0.992886758
<i>Ltbr</i>	-0.063287018	0.108353664	-0.584078244	0.559167671	0.968926429
<i>Scnn1a</i>	-0.381305467	0.217846751	-1.750338093	0.080059991	0.75659671
<i>Tnfrsf1a</i>	-0.143330648	0.172420377	-0.831286017	0.405812072	0.939557159
<i>Plekkg6</i>	-0.590912589	0.625273404	-0.945046736	0.344635016	0.921227228

<i>Cd9</i>	0.065977277	0.132516375	0.497880182	0.618568496	0.974471036
<i>Vwf</i>	0.475011445	0.202067734	2.350753562	0.018735438	0.589390158
<i>Ano2</i>	1.443912583	1.053090439	1.371119259	0.170337782	0.862090815
<i>Ntf3</i>	-0.333895027	0.367658663	-0.90816581	0.363790625	0.926455466
<i>Gm10415</i>	0.720591493	1.17590222	0.612798821	0.540009371	0.966900344
<i>Kcna5</i>	-0.077563099	1.001273859	-0.077464421	0.938254094	0.994688009
<i>Kcna1</i>	-1.809874611	2.049659782	-0.883012208	0.377229675	0.928883222
<i>Kcna6</i>	1.291369006	0.771873619	1.673031665	0.094321063	0.777748075
<i>Ndufa9</i>	0.145918312	0.108216112	1.34839728	0.177530638	0.866855369
<i>Dyrk4</i>	-1.036256165	1.152227981	-0.89934994	0.368466295	0.928436166
<i>Rad51ap1</i>	-0.225582552	0.401921973	-0.561259565	0.574620602	0.971613657
<i>D6Wsu163e</i>	0.221818858	0.161321108	1.375014467	0.16912696	0.861597949
<i>Tigar</i>	0.003809005	0.192390818	0.01979827	0.984204298	0.998148029
<i>Ccnd2</i>	-0.018361063	0.187612357	-0.097867022	0.922037887	0.994688009
<i>9330179D12Rik</i>	-0.020416514	0.499844333	-0.040845745	0.967418871	0.996474415
<i>Parp11</i>	0.115634204	0.209344967	0.552361996	0.580700363	0.971613657
<i>Cracr2a</i>	-0.485513052	0.839355528	-0.57843552	0.562970119	0.969658675
<i>Prmt8</i>	0.217778908	0.202687274	1.074457729	0.282617581	0.905916508
<i>Tspan11</i>	-0.06793544	0.130549585	-0.520380356	0.602798499	0.974001549
<i>Tspan9</i>	-0.162237379	0.159235915	-1.018849162	0.308274582	0.9139204
<i>9330102E08Rik</i>	-0.362987444	1.591076533	-0.228139525	0.819537774	0.992886758
<i>Tead4</i>	0.039061865	0.271461056	0.143894912	0.885583454	0.992886758
<i>Tulp3</i>	-0.263422866	0.202577477	-1.300356141	0.193478935	0.879588734
<i>Rhno1</i>	-0.347384825	0.285916873	-1.214985398	0.224371661	0.892989918
<i>Foxm1</i>	-0.536373587	0.886573221	-0.604996377	0.545181404	0.967491297
<i>Nrip2</i>	-0.732768645	1.694079543	-0.432546777	0.665344063	0.981727712
<i>Itfg2</i>	0.134784159	0.15729902	0.856865853	0.391519026	0.933734231
<i>Fkbp4</i>	-0.114579081	0.118848413	-0.964077501	0.335007072	0.918190441
<i>Gm10069</i>	-0.247546988	0.76076467	-0.325392329	0.74488416	0.988585656
<i>Pzp</i>	-0.208223151	1.546487158	-0.134642664	0.892894408	0.993300147
<i>BC048546</i>	-0.197646841	0.219952964	-0.898586849	0.368872766	0.928436166
<i>Klrb1a</i>	0.175633104	0.610746235	0.287571325	0.773674897	0.990730604
<i>Klrb1c</i>	0.710515935	0.254589643	2.79082812	0.005257338	0.406593461
<i>Klrb1b</i>	-0.523112848	0.273039808	-1.915884911	0.055379746	0.713559351
<i>BC035044</i>	0.109163679	0.266359951	0.409835181	0.681926857	0.984683806
<i>Clec2i</i>	0.223464219	0.388224062	0.575606308	0.564881316	0.969658675
<i>Clec2g</i>	2.140389095	1.928265458	1.110007487	0.2669958	0.897701901
<i>Gm15987</i>	0.378415287	0.536518444	0.705316456	0.480613322	0.957463006
<i>BC064078</i>	0.312393947	0.19955084	1.565485504	0.117469114	0.813021712
<i>Klrb1f</i>	0.144317114	0.45998178	0.313745284	0.753714505	0.988585656
<i>Clec2e</i>	-2.044211374	1.243663174	-1.643701781	0.100237818	0.788783372
<i>Clec2d</i>	0.631047614	0.195867818	3.221803463	0.001273865	0.25997989
<i>2310001H17Rik</i>	0.505695105	0.260683806	1.939879243	0.052394367	0.707153766
<i>Cd69</i>	0.297403975	0.268395264	1.108082053	0.267826381	0.89804647
<i>Clec12a</i>	0.076144006	0.188144474	0.404710299	0.685690471	0.98538669
<i>Clec12b</i>	0.021667323	0.433377953	0.049996366	0.960125284	0.996474415
<i>Clec1b</i>	0.102817496	0.366047667	0.28088554	0.778798192	0.990988839
<i>Clec9a</i>	-0.033570979	0.206404778	-0.162646328	0.870796908	0.992886758
<i>Clec1a</i>	0.061265472	0.127451597	0.480695997	0.630732577	0.977034429
<i>Clec7a</i>	0.022218809	0.30221755	0.073519255	0.941392922	0.994688009
<i>Olr1</i>	-0.58732525	0.392992414	-1.494495134	0.135046253	0.829809681
<i>1700101I11Rik</i>	-0.260391696	0.993844438	-0.26200448	0.793317988	0.990988839
<i>Gabarapl1</i>	0.26992969	0.093443304	2.88870019	0.003868377	0.376754331
<i>Klre1</i>	1.505119556	0.305550338	4.925929933	8.40E-07	0.001958309
<i>Klrd1</i>	0.877336621	0.217662811	4.030714373	5.56E-05	0.03405023
<i>Klrk1</i>	0.586477658	0.237010231	2.474482459	0.013342937	0.539384266
<i>Klrc3</i>	1.696921999	2.085212734	0.813788431	0.415766164	0.943415794
<i>Klrc2</i>	1.785139598	0.629968975	2.833694467	0.00460133	0.390758702
<i>Klrc1</i>	1.398744849	0.320323385	4.366664804	1.26E-05	0.010840965
<i>Klri1</i>	0.268140761	0.422044115	0.63533823	0.525207845	0.965637248
<i>Klri2</i>	0.774271262	0.329591073	2.349187596	0.018814425	0.590246276
<i>Klra17</i>	0.283111321	0.623630687	0.453972722	0.64984846	0.979004493

<i>Klra5</i>	0.465888347	1.442531062	0.322965903	0.746721065	0.988585656
<i>Klra18</i>	0.955753636	1.273645843	0.750407691	0.4530092	0.950108007
<i>Klra8</i>	2.693538635	0.668583697	4.028723177	5.61E-05	0.03405023
<i>Klra14-ps</i>	1.766753517	0.376923723	4.687297209	2.77E-06	0.003766595
<i>Klra9</i>	1.283395753	0.353358765	3.631990711	0.000281243	0.109329964
<i>Klra7</i>	1.275517482	0.35777893	3.565099498	0.000363718	0.134964244
<i>Klra3</i>	1.474487176	0.481838481	3.060127478	0.002212428	0.308737709
<i>Klra1</i>	0.408021836	0.90154613	0.452580098	0.650851132	0.979004493
<i>Klra2</i>	0.663376016	0.171393292	3.870489949	0.000108617	0.057206035
<i>Magohb</i>	0.221342087	0.207102947	1.068753925	0.285180566	0.905916508
<i>Styk1</i>	-0.193690463	0.589251346	-0.328706017	0.742377906	0.988585656
<i>Ybx3</i>	-0.115825383	0.143407272	-0.80766743	0.419282058	0.943415794
<i>Smim10l1</i>	0.06563311	0.098943871	0.663336789	0.50711488	0.963011338
<i>Etv6</i>	0.064363716	0.224331397	0.286913544	0.774178519	0.990730604
<i>Bcl2l14</i>	0.16715903	0.268015011	0.623692789	0.532829359	0.96674935
<i>Lrp6</i>	-0.020984818	0.172696247	-0.121512876	0.903284817	0.994688009
<i>Mansc1</i>	-0.360339499	0.287514995	-1.25328941	0.210100401	0.884258007
<i>Loh12cr1</i>	-0.337059366	0.280998063	-1.19950779	0.230330557	0.895404344
<i>Dusp16</i>	-0.149936913	0.148275515	-1.011204803	0.311918417	0.914819219
<i>Crebl2</i>	0.005539233	0.136231885	0.040660327	0.96756669	0.996474415
<i>Gpr19</i>	-0.213579529	0.338903599	-0.630207321	0.52855895	0.965637248
<i>2810454H06Rik</i>	0.837734467	0.512280669	1.635303687	0.101985401	0.788783372
<i>Cdkn1b</i>	0.234195706	0.131641314	1.779044121	0.075232529	0.752876039
<i>1190002F15Rik</i>	0.410538196	0.305777749	1.342603241	0.17940048	0.867616008
<i>Apold1</i>	0.169015511	0.451580842	0.374275202	0.70819958	0.988585656
<i>Ddx47</i>	-0.031023455	0.121627657	-0.255069081	0.798669744	0.990988839
<i>Gprc5a</i>	-0.467933214	0.170750509	-2.740449893	0.006135514	0.427133716
<i>Hebp1</i>	0.192072182	0.175231568	1.096104914	0.273032864	0.898826892
<i>8430419L09Rik</i>	-0.172826622	0.336977236	-0.512873284	0.608039962	0.974001549
<i>Gsg1</i>	-0.003066058	0.765818294	-0.004003637	0.996805568	0.999449398
<i>Pbp2</i>	-0.344524645	1.461880489	-0.235672237	0.813687015	0.992048071
<i>Emp1</i>	-0.172429427	0.091772178	-1.878885637	0.06026011	0.725221283
<i>Atf7ip</i>	-0.070081614	0.281147708	-0.249269734	0.803152142	0.990988839
<i>Plbd1</i>	0.01770049	0.178077889	0.099397459	0.9208227	0.994688009
<i>Gucy2c</i>	-0.425119302	1.460135658	-0.291150552	0.770936179	0.989990452
<i>Hist4h4</i>	5.4333779	1.881347254	2.888024998	0.003876691	0.376754331
<i>H2afj</i>	0.593864564	0.180939357	3.282119348	0.0010303	0.240510037
<i>Wbp11</i>	-0.191436673	0.215561076	-0.888085532	0.374494745	0.928883222
<i>BC049715</i>	-0.191129755	1.070349988	-0.178567532	0.858277291	0.992886758
<i>Smco3</i>	0.720583614	2.070337244	0.348051322	0.727801641	0.988585656
<i>Art4</i>	-0.219877335	0.206237605	-1.066136002	0.286362167	0.905916508
<i>Mgp</i>	-0.124275253	0.145381001	-0.85482458	0.392648268	0.933734231
<i>Erp27</i>	0.760867405	1.175151764	0.6474631	0.517332269	0.964352198
<i>Arhgdib</i>	0.297972548	0.115490435	2.580062564	0.009878242	0.490219004
<i>Pde6h</i>	1.894482419	1.791318816	1.057590866	0.290242008	0.907334416
<i>Rerg</i>	0.335092943	0.162027365	2.068125608	0.038628213	0.679118604
<i>Ptpro</i>	0.246794028	0.296013427	0.833725788	0.404435523	0.938127315
<i>Eps8</i>	-0.282115273	0.144927856	-1.94659109	0.051583778	0.707153766
<i>Strap</i>	-0.095711794	0.095940858	-0.99761245	0.318467322	0.91640698
<i>Dera</i>	0.123413578	0.158455779	0.778851859	0.436066985	0.946762848
<i>Mgst1</i>	0.05948616	0.240506817	0.24733669	0.804647666	0.990988839
<i>Lmo3</i>	-0.829209359	2.125076574	-0.390202108	0.696387103	0.987490725
<i>Pik3c2g</i>	0.567838787	0.816882458	0.695129123	0.486974385	0.958288569
<i>Plekha5</i>	-0.16019612	0.328852568	-0.487136593	0.626161536	0.976534277
<i>Aebp2</i>	0.105293383	0.136647707	0.770546288	0.440975909	0.948068187
<i>Pde3a</i>	-0.082601273	0.266304913	-0.310175553	0.756427461	0.989266039
<i>Slco1c1</i>	4.457599921	2.290279295	1.946312806	0.051617176	0.707153766
<i>Slco1a4</i>	-1.387921488	1.78475366	-0.777654373	0.436772797	0.946762848
<i>Slco1a5</i>	-0.50642479	0.316811593	-1.598504604	0.109930722	0.798948974
<i>Pyroxd1</i>	-0.318606828	0.32279033	-0.987039568	0.323623242	0.91640698
<i>Recql</i>	-0.026821707	0.163379187	-0.164168444	0.869598542	0.992886758
<i>Golt1b</i>	-0.029545176	0.124368492	-0.237561581	0.812221152	0.991931689

<i>Spx</i>	-0.181425957	1.154370206	-0.157164448	0.875115246	0.992886758
<i>Ldhb</i>	0.114611534	0.153304136	0.747608885	0.454696104	0.951162497
<i>Kcnj8</i>	0.142447272	0.154971727	0.919182327	0.358000214	0.924354588
<i>Abcc9</i>	0.168342779	0.377273055	0.446209388	0.655446002	0.979133069
<i>Cmas</i>	0.204675988	0.119825952	1.708110678	0.087615808	0.766704005
<i>St8sia1</i>	0.304050965	0.826108022	0.368052309	0.71283423	0.988585656
<i>C2cd5</i>	-0.20238222	0.206151702	-0.981715009	0.326240269	0.916800143
<i>Etnk1</i>	-0.203715448	0.128306631	-1.587723455	0.112348887	0.801398667
<i>Sox5</i>	0.20096549	0.461603773	0.43536362	0.663298513	0.980889931
<i>Lrmp</i>	-0.054926705	0.283165672	-0.193973743	0.846196441	0.992886758
<i>Casc1</i>	0.081096547	0.201117937	0.403228813	0.686779905	0.98538669
<i>Lym5</i>	0.158932476	0.169736482	0.936348358	0.349093858	0.921552698
<i>Kras</i>	0.059671965	0.108757207	0.548671361	0.583231004	0.972174584
<i>Gm15706</i>	-0.157651158	0.321039633	-0.491064473	0.623380848	0.975691835
<i>Ifitd1</i>	0.690070838	0.588834422	1.171926796	0.241226448	0.896939594
<i>Rassf8</i>	-0.317176714	0.260303506	-1.218488056	0.223038561	0.892391445
<i>Bhlhe41</i>	-0.465664266	0.303892632	-1.532331543	0.125440641	0.822401003
<i>Sspn</i>	-0.051502698	0.107838843	-0.477589487	0.632942415	0.977034429
<i>Itpr2</i>	0.315818965	0.209519824	1.507346461	0.131721874	0.827800491
<i>Asun</i>	-0.027593957	0.180285293	-0.153057169	0.878353192	0.992886758
<i>Fgfr1op2</i>	0.153309402	0.112863897	1.358356445	0.174350608	0.863528862
<i>Tm7sf3</i>	0.047759439	0.129652611	0.368364653	0.71260135	0.988585656
<i>Med21</i>	0.22843876	0.250651777	0.911378975	0.362095728	0.926455466
<i>Gm6654</i>	0.675317726	1.350140484	0.500183302	0.616946014	0.974001549
<i>4930479D17Rik</i>	2.849487345	1.459548301	1.952307671	0.050901687	0.707153766
<i>Stk38l</i>	-0.005940368	0.167182753	-0.035532181	0.971655386	0.996733101
<i>Arntl2</i>	0.898482392	0.705768259	1.273055823	0.202998234	0.882297774
<i>Ppfibp1</i>	-0.268250463	0.122831186	-2.18389541	0.028969934	0.64858361
<i>Rep15</i>	1.480346816	1.328360735	1.11441627	0.265100647	0.89768067
<i>Mrps35</i>	0.2846448	0.185525339	1.534263734	0.124964784	0.821707621
<i>Mansc4</i>	0.853084866	1.390145716	0.613665788	0.539436201	0.966900344
<i>Klhl42</i>	0.070999267	0.297270782	0.238837018	0.811231965	0.991762208
<i>Pthlh</i>	-0.078818705	0.51677707	-0.152519741	0.878777021	0.992886758
<i>Ccdc91</i>	0.190250854	0.122473334	1.553406348	0.120326087	0.81558552
<i>Far2</i>	-0.565511412	1.257234926	-0.449805681	0.652850561	0.979004493
<i>Ergic2</i>	0.081874864	0.149461554	0.547798823	0.583830047	0.972333834
<i>4732416N19Rik</i>	0.468476173	1.391696209	0.336622439	0.736401538	0.988585656
<i>Tmtc1</i>	-0.080234251	0.142838705	-0.561712251	0.574312086	0.971613657
<i>Rps4l</i>	-0.050129251	0.15512251	-0.323159103	0.746574751	0.988585656
<i>Ipo8</i>	-0.333612514	0.226162978	-1.47509781	0.140186249	0.837748392
<i>Caprin2</i>	0.322631731	0.401658879	0.803248099	0.42183135	0.943415794
<i>Fam60a</i>	-0.058924594	0.119539918	-0.49292818	0.622063335	0.97514112
<i>Dennd5b</i>	-0.354229632	0.226490078	-1.563996245	0.11781845	0.814289188
<i>Mettl20</i>	-0.217262348	0.160693347	-1.352030757	0.176365476	0.865862073
<i>Amn1</i>	-0.018780467	0.170890859	-0.109897433	0.912490719	0.994688009
<i>2810474O19Rik</i>	-0.176301233	0.16147621	-1.091809335	0.274916915	0.900302631
<i>Bicd1</i>	-0.57791047	0.263178468	-2.195888111	0.028099953	0.641661442
<i>Nlrp12</i>	0.90294313	0.894613673	1.009310675	0.312825662	0.914819219
<i>Myadm</i>	-0.253598945	0.225398326	-1.125114593	0.260540478	0.897248195
<i>Prkcg</i>	0.29044334	1.462121	0.198645215	0.842540282	0.992886758
<i>Cacng7</i>	0.013638219	0.565036659	0.024136874	0.98074343	0.997296835
<i>Oscar</i>	-1.137698155	4.777181361	-0.238152599	0.81176274	0.991816977
<i>Ndufa3</i>	0.265029485	0.17676843	1.49930327	0.133794975	0.827800491
<i>Tfpt</i>	0.485969559	0.194650753	2.496623065	0.012538215	0.525888996
<i>Prpf31</i>	0.092223265	0.143484748	0.642739151	0.520393372	0.964739706
<i>Cnot3</i>	0.166753404	0.1682681462	0.345472981	0.729738819	0.988585656
<i>Leng1</i>	-0.065795079	0.248075078	-0.265222445	0.790838106	0.990988839
<i>Tmc4</i>	-0.242315276	0.201817703	-1.200664122	0.229881517	0.895404344
<i>Mboat7</i>	-0.329853954	0.213267036	-1.54667107	0.121942583	0.816233249
<i>Tsen34</i>	-0.103704466	0.14428586	-0.718743097	0.472299224	0.955003345
<i>Rps9</i>	0.425121744	0.246155497	1.7270455	0.084159492	0.76099108
<i>Pirb</i>	0.015715125	0.209200476	0.075119928	0.940119293	0.994688009

<i>Pira6</i>	-0.259761489	0.360996308	-0.71956827	0.471790854	0.95486913
<i>Pira2</i>	0.394908747	0.68228502	0.578803191	0.562721978	0.969658675
<i>Lilra6</i>	0.043537964	0.308996047	0.140901363	0.887947865	0.992886758
<i>Lair1</i>	0.317312384	0.18124425	1.750744559	0.07998992	0.75659671
<i>Ttyh1</i>	0.014345679	0.655912923	0.021871317	0.982550605	0.997390438
<i>D030047H15Rik</i>	-1.047423553	1.571945736	-0.666322971	0.505204686	0.962138588
<i>Leng8</i>	-0.220915944	0.19315781	-1.143707024	0.252745159	0.897044747
<i>Leng9</i>	-0.052902996	0.301705058	-0.175346731	0.860807195	0.992886758
<i>Cdc42ep5</i>	0.186720629	0.218735426	0.85363689	0.393306212	0.933734231
<i>Lilra5</i>	0.3736597	0.184940676	2.020430057	0.043338798	0.686006913
<i>Ncr1</i>	0.875558464	0.258879254	3.382111354	0.00071931	0.195736186
<i>Gp6</i>	1.92350842	0.596666658	3.223757176	0.001265206	0.25997989
<i>Rdh13</i>	0.270186914	0.178223314	1.516002072	0.129518828	0.827800491
<i>Eps8l1</i>	-0.018110975	0.264634846	-0.068437604	0.945437288	0.995012175
<i>Ppp1r12c</i>	-0.0612895	0.1385614	-0.442327376	0.658252324	0.979697875
<i>Tnnt1</i>	1.081054502	0.478784183	2.257916075	0.023950892	0.622011301
<i>Tnni3</i>	0.243658777	0.23201144	1.050201567	0.293625449	0.907334416
<i>Dnaaf3</i>	-0.363078106	0.254629247	-1.425908887	0.153894644	0.854159937
<i>Syt5</i>	-0.393065781	0.180888765	-2.172969571	0.029782608	0.649459041
<i>Tmem86b</i>	2.473962313	1.082509635	2.28539519	0.022289666	0.618917302
<i>Ppp6r1</i>	0.002675756	0.152531659	0.017542297	0.98600399	0.998148029
<i>Hspbp1</i>	-0.025261905	0.174845016	-0.144481699	0.885120107	0.992886758
<i>Brsk1</i>	-0.478649654	0.59822294	-0.800119191	0.423641743	0.94351935
<i>Tmem150b</i>	-0.897916184	0.624246806	-1.438399325	0.150320784	0.849879783
<i>Suv420h2</i>	-0.169069472	0.271118569	-0.62359975	0.532890475	0.96674935
<i>Cox6b2</i>	0.389454659	0.181888784	2.141169181	0.032260397	0.665167506
<i>Il11</i>	-0.316931183	0.503419634	-0.629556659	0.528984688	0.965637248
<i>Tmem190</i>	-0.673269344	1.289272666	-0.522208654	0.601525061	0.974001549
<i>Tmem238</i>	-0.099973097	0.176350286	-0.56690068	0.570781662	0.971613657
<i>Rpl28</i>	0.166499054	0.110033386	1.513168504	0.130236862	0.827800491
<i>Ube2s</i>	0.138929956	0.121518075	1.143286351	0.25291972	0.897044747
<i>Shisa7</i>	0.587864518	1.146196149	0.512882999	0.608033167	0.974001549
<i>Isoc2b</i>	0.10986764	0.167869511	0.654482397	0.512801065	0.964129777
<i>Isoc2a</i>	0.154295729	0.116988789	1.318893298	0.187204787	0.873455432
<i>Zfp628</i>	-0.165396182	0.433054844	-0.38192895	0.702514066	0.988482081
<i>Nat14</i>	0.327918044	0.313931841	1.044551715	0.296230206	0.90895519
<i>Ssc5d</i>	-0.429948759	0.525097052	-0.818798654	0.412901299	0.942708418
<i>Sbk2</i>	1.254129115	1.290251688	0.972003468	0.331048823	0.917115058
<i>Sbk3</i>	-0.42764453	0.387734877	-1.102930264	0.270057451	0.89804647
<i>Zfp579</i>	0.272791164	0.2593629	1.051774038	0.292903233	0.907334416
<i>Fiz1</i>	-0.073378792	0.223014603	-0.329031332	0.742132006	0.988585656
<i>Zfp524</i>	0.164875835	0.171298962	0.962503408	0.335796792	0.918908218
<i>Zfp865</i>	0.174905857	0.301420102	0.580272703	0.561730732	0.969592734
<i>Zfp784</i>	0.133513416	0.25053215	0.53291929	0.594089452	0.974001549
<i>Zfp580</i>	-0.036587095	0.369492531	-0.099019849	0.921122511	0.994688009
<i>Ccdc106</i>	-0.498323121	0.529343426	-0.941398526	0.346500669	0.921552698
<i>U2af2</i>	0.024521795	0.097973922	0.250288997	0.802363865	0.990988839
<i>Epn1</i>	-0.156873373	0.189571613	-0.827515104	0.407945165	0.939557159
<i>Rasl2-9</i>	0.668815883	0.952636252	0.702068478	0.482636459	0.957463006
<i>Zfp787</i>	0.062764366	0.158820744	0.39518998	0.692702687	0.986599035
<i>Zfp444</i>	0.035939503	0.172881079	0.207885696	0.835318218	0.992886758
<i>Gm6792</i>	-2.099160963	2.060787905	-1.018620576	0.308383132	0.9139204
<i>Zfp667</i>	0.138382312	0.267324545	0.517656588	0.604697893	0.974001549
<i>Zfp583</i>	-0.0634881	0.351165126	-0.180792724	0.856530274	0.992886758
<i>Zfp78</i>	-0.012126297	0.33900309	-0.035770463	0.971465385	0.9967733101
<i>Zfp28</i>	0.104064912	0.246337343	0.42244879	0.672697472	0.983233856
<i>Peg3</i>	0.501167381	0.765243778	0.654912064	0.512524373	0.963720538
<i>Zfp954</i>	-0.13648273	0.154519678	-0.883270864	0.377089942	0.928883222
<i>Zfp773</i>	0.6450686	0.543954044	1.185888048	0.235666514	0.896002526
<i>Zfp418</i>	-0.470236711	0.419977482	-1.119671247	0.262853882	0.897248195
<i>Zfp772</i>	0.269569138	0.20153048	1.337609768	0.181023678	0.868087032
<i>Vmn2r29</i>	0.413061627	0.221919012	1.861316992	0.062699425	0.727650961

<i>Clcn4-2</i>	0.066267133	0.1048633	0.631938275	0.527427212	0.965637248
<i>2810047C21Rik1</i>	1.245143065	0.39629386	3.141969103	0.001678157	0.284736028
<i>Zik1</i>	-0.429641434	0.480890726	-0.893428405	0.371627797	0.928840865
<i>Zfp551</i>	-0.903724588	0.737506275	-1.225378845	0.220432514	0.889301125
<i>Zfp606</i>	0.295371671	0.154791456	1.908191048	0.056366528	0.717582253
<i>Zscan18</i>	0.295758582	0.433133892	0.682834077	0.494711694	0.959168486
<i>Zfp329</i>	0.051363024	0.200665697	0.255963149	0.797979292	0.990988839
<i>Zfp110</i>	-0.065706446	0.100856095	-0.65148711	0.514732095	0.964352198
<i>Zfp128</i>	0.154087809	0.291916256	0.527849362	0.597603894	0.974001549
<i>Zscan22</i>	-0.601841784	0.241970463	-2.487253101	0.012873378	0.532176722
<i>Rps5</i>	0.219603524	0.169771962	1.293520564	0.195831076	0.879601031
<i>Rnf225</i>	0.063549716	0.730384899	0.087008529	0.930664733	0.994688009
<i>Zfp324</i>	-0.177335624	0.227630424	-0.779050626	0.435949893	0.946762848
<i>Zfp446</i>	-0.170507371	0.240727351	-0.70830078	0.478758493	0.957463006
<i>Slc27a5</i>	0.102872216	2.67801419	0.038413619	0.969357903	0.996600044
<i>Zbtb45</i>	-0.461155111	0.327206737	-1.409369243	0.158726014	0.855986074
<i>Trim28</i>	-0.227802948	0.194609928	-1.170561803	0.241774958	0.896939594
<i>Chmp2a</i>	0.281919536	0.148881442	1.893584123	0.058280233	0.72285319
<i>Ube2m</i>	0.07155555	0.154493515	0.463162158	0.643248138	0.978801899
<i>Mzf1</i>	-0.970086214	1.114440314	-0.87046942	0.384043924	0.931591679
<i>6330408A02Rik</i>	0.224821471	0.476298573	0.472017938	0.636913985	0.977284137
<i>Lig1</i>	-0.058198596	0.216368393	-0.268979192	0.787945695	0.990988839
<i>Pla2g4c</i>	0.641772188	0.897809359	0.714820114	0.474720205	0.956387791
<i>Sult2a2</i>	-1.39450034	1.581741194	-0.881623583	0.377980397	0.928883222
<i>Sult2a1</i>	-0.444409818	0.872223298	-0.509513813	0.610392119	0.974001549
<i>Sult2a8</i>	3.117821788	4.943859751	0.630645274	0.528272489	0.965637248
<i>Nlrp5-ps</i>	0.600698723	0.602240712	0.997439581	0.318551187	0.91640698
<i>Sepw1</i>	0.473433845	0.174986085	2.705551397	0.00681911	0.445342404
<i>Gltscr2</i>	0.104125074	0.135811045	0.766690768	0.443265394	0.948476747
<i>Ehd2</i>	0.089482138	0.096716218	0.925203037	0.354860304	0.924354588
<i>Gltscr1</i>	0.154053302	0.551863345	0.279151176	0.78012881	0.990988839
<i>Napa</i>	-0.122906463	0.146658594	-0.83804474	0.402005577	0.937834293
<i>Kptn</i>	0.165962451	0.199864933	0.830373035	0.406327907	0.939557159
<i>Meis3</i>	-0.012468844	0.289393702	-0.043086092	0.965632906	0.996474415
<i>Dhx34</i>	-0.144486519	0.366783508	-0.393928614	0.693633744	0.986787302
<i>C5ar2</i>	-0.111258197	0.394628421	-0.281931535	0.777996008	0.990988839
<i>C5ar1</i>	0.4403602	0.393377213	1.119434948	0.262954628	0.897248195
<i>Inafm1</i>	0.166322557	0.21837819	0.761626228	0.446283116	0.948476747
<i>Ccdc9</i>	-0.107003936	0.201177847	-0.531887272	0.594804073	0.974001549
<i>Bbc3</i>	0.357724848	0.195683669	1.828077171	0.067537971	0.742385562
<i>Sae1</i>	-0.159664912	0.106415312	-1.500394158	0.133512332	0.827800491
<i>Zc3h4</i>	0.228492626	0.317140394	0.720477839	0.47123084	0.95486913
<i>Tmem160</i>	0.35894578	0.180406129	1.989654016	0.046629062	0.698868643
<i>Npas1</i>	-0.034292385	1.408115712	-0.024353386	0.98057073	0.997296835
<i>Arhgap35</i>	0.272310861	0.180588457	1.507908453	0.131577959	0.827800491
<i>Ap2s1</i>	0.064605579	0.129755628	0.497901943	0.618553158	0.974471036
<i>Slc1a5</i>	0.025642589	0.105424821	0.243231039	0.807826423	0.99099448
<i>Fkrp</i>	-0.415219494	0.181882847	-2.28289529	0.022436537	0.619833063
<i>Strn4</i>	-0.093608727	0.149346991	-0.62678683	0.530798977	0.966026275
<i>Prkd2</i>	-0.298300875	0.171779367	-1.736534951	0.08246929	0.76099108
<i>Dact3</i>	-0.111161986	0.229505041	-0.484355313	0.628133727	0.976968316
<i>Gng8</i>	0.028063656	0.314999164	0.089091209	0.929009424	0.994688009
<i>Ptgir</i>	-0.006103533	0.589274692	-0.010357705	0.991735895	0.998770784
<i>Calm3</i>	0.269150511	0.101420297	2.653813096	0.00795879	0.457546335
<i>Pnmal2</i>	-0.474656766	0.612701292	-0.774695226	0.438519772	0.947816234
<i>Ccdc8</i>	0.124056646	0.449955567	0.275708658	0.782771845	0.990988839
<i>Ppp5c</i>	-0.023178815	0.125096329	-0.185287731	0.853003361	0.992886758
<i>Hif3a</i>	-0.576530559	1.190655322	-0.48421281	0.628234847	0.976968316
<i>Mill2</i>	0.203359342	0.181412359	1.120978432	0.262297043	0.897248195
<i>Pglyrp1</i>	0.147074482	0.178365681	0.824567154	0.409617376	0.940886864
<i>Ccdc61</i>	0.262882461	0.296039093	0.887999144	0.374541212	0.928883222
<i>Nova2</i>	-0.70123686	0.33145873	-2.115608359	0.03437813	0.674629488

<i>Mypop</i>	-0.20279689	0.352307441	-0.575624771	0.564868834	0.969658675
<i>Irf2bp1</i>	-0.055372601	0.228921031	-0.241885164	0.808869146	0.991174313
<i>Foxa3</i>	0.020978936	1.074616615	0.019522252	0.984424486	0.998148029
<i>Sympk</i>	-0.213599085	0.193679063	-1.102850669	0.27009202	0.89804647
<i>Dmwd</i>	-0.251751092	0.217165229	-1.159260594	0.246349979	0.896939594
<i>Dmpk</i>	-0.252362045	0.23998437	-1.051577005	0.292993662	0.907334416
<i>Six5</i>	-0.013994976	0.26224371	-0.053366297	0.957440058	0.996226826
<i>Fbxo46</i>	-0.04385479	0.297361662	-0.147479637	0.882753451	0.992886758
<i>Qpctl</i>	-0.358371064	0.319942787	-1.12010984	0.262666958	0.897248195
<i>Snrpd2</i>	0.354175886	0.180312428	1.964234471	0.049502907	0.707153766
<i>Eml2</i>	0.018625336	0.18828943	0.09891865	0.921202861	0.994688009
<i>Gpr4</i>	-0.194848576	0.411947347	-0.472993885	0.636217542	0.977284137
<i>Opa3</i>	-0.104592107	0.22892027	-0.456893164	0.647747838	0.979004493
<i>Vasp</i>	-0.073116636	0.118324933	-0.61793093	0.53662087	0.96674935
<i>Ppm1n</i>	0.580256954	1.373230464	0.422548851	0.672624452	0.983233856
<i>Rtn2</i>	0.150710905	0.164688259	0.915128414	0.36012422	0.925913281
<i>Fosb</i>	0.688267778	0.785529211	0.876183556	0.380930255	0.930420854
<i>Ercc1</i>	0.231082448	0.191789863	1.204873108	0.228252292	0.894545167
<i>Cd3eap</i>	0.325617543	0.241091839	1.350595458	0.176825057	0.866546104
<i>Ppp1r13l</i>	-0.559272034	0.526133798	-1.062984428	0.287789013	0.907334416
<i>Ercc2</i>	0.114250614	0.42183728	0.270840487	0.786513719	0.990988839
<i>Klc3</i>	0.169717718	0.266350102	0.637197873	0.523995963	0.965637248
<i>Ckm</i>	0.481826939	0.357933594	1.346135002	0.178258982	0.867377413
<i>Mark4</i>	-0.340088508	0.308052782	-1.103994277	0.26959562	0.89804647
<i>Bloc1s3</i>	0.194705723	0.151321323	1.286703811	0.198197544	0.880381196
<i>Trappc6a</i>	0.286281815	0.163941008	1.746248962	0.0807677	0.758307521
<i>Nkpd1</i>	-1.429697027	1.662419659	-0.860009697	0.389783697	0.933734231
<i>Ppp1r37</i>	0.095023148	0.170831853	0.556237882	0.578048246	0.971613657
<i>Gemin7</i>	0.322026974	0.197561772	1.63000651	0.103100121	0.79028905
<i>Zfp296</i>	0.213392753	0.567143704	0.3762587	0.706724579	0.988585656
<i>Clasrp</i>	0.03423104	0.291014291	0.117626662	0.906363478	0.994688009
<i>Relb</i>	-0.019869683	0.27222329	-0.072990385	0.941813768	0.994688009
<i>Clptm1</i>	-0.287227153	0.142052838	-2.021974049	0.043179033	0.685056403
<i>Apoc1</i>	0.09381284	0.271989109	0.344913958	0.730159057	0.988585656
<i>Apoe</i>	-0.053651395	0.121952241	-0.439937756	0.659982189	0.979924124
<i>Tomm40</i>	0.05598842	0.172222137	0.325094216	0.745109766	0.988585656
<i>Pvrl2</i>	-0.121463301	0.179708348	-0.675891259	0.499109688	0.960700483
<i>Bcam</i>	-0.045356477	0.175792304	-0.258011731	0.796397854	0.990988839
<i>Cblc</i>	0.276212445	0.292777411	0.943421295	0.345465455	0.921434283
<i>Bcl3</i>	-0.453919523	0.266778582	-1.701484128	0.088852116	0.767814344
<i>Pvr</i>	-0.213675805	0.183670533	-1.163364644	0.244681588	0.896939594
<i>Igsf23</i>	-0.095820202	0.35295902	-0.271476847	0.786024304	0.990988839
<i>Zfp180</i>	-0.180506087	0.112259212	-1.607940079	0.107848303	0.796929372
<i>Zfp112</i>	-0.257026884	0.502503219	-0.51149301	0.609005882	0.974001549
<i>Zfp235</i>	-0.113375819	0.254400701	-0.44565844	0.65584399	0.979416887
<i>Zfp114</i>	-0.458392124	1.984250734	-0.231015222	0.817302976	0.992678823
<i>Zfp111</i>	-0.496794068	0.21491182	-2.311618164	0.020798735	0.604325792
<i>Zfp109</i>	-0.576136111	0.502580178	-1.146356614	0.251647627	0.896939594
<i>Zfp108</i>	-0.527462414	0.317101242	-1.663388041	0.096234786	0.780927109
<i>Zfp93</i>	-0.13890549	0.219331408	-0.633313265	0.526529092	0.965637248
<i>Zfp61</i>	-0.04312517	0.265908366	-0.162180569	0.871163661	0.992886758
<i>Zfp94</i>	-0.018868438	0.268184627	-0.070356149	0.943910193	0.99486515
<i>Tescl</i>	-0.307056455	1.197996513	-0.256308305	0.797712785	0.990988839
<i>Kcnn4</i>	-0.551794122	0.359243561	-1.535988901	0.124541102	0.821164769
<i>Smg9</i>	0.426815644	0.30469025	1.400818191	0.161268448	0.857316691
<i>Irgc1</i>	-0.640422001	2.086455491	-0.306942565	0.758887089	0.989266039
<i>Plaur</i>	-0.140967796	0.142261843	-0.990903764	0.321732574	0.91640698
<i>Cadm4</i>	-0.017224219	0.248233488	-0.069387169	0.944681442	0.99486515
<i>Zfp428</i>	-0.081389067	0.421675297	-0.1930136	0.846948317	0.992886758
<i>Irgq</i>	0.260020997	0.369240188	0.704205571	0.481304762	0.957463006
<i>Pinlyp</i>	1.342334402	1.766269524	0.759982768	0.447264885	0.948476747
<i>Xrcc1</i>	-0.134594733	0.205926668	-0.653605163	0.513366217	0.964352198

<i>Ethe1</i>	0.083945197	0.231519101	0.362584327	0.71691542	0.988585656
<i>Phldb3</i>	0.343853071	0.508778519	0.675840387	0.49914199	0.960700483
<i>Lypd3</i>	2.254974091	1.896795792	1.188833347	0.234505253	0.89581803
<i>Gm4598</i>	0.746086412	2.276973608	0.327665815	0.743164354	0.988585656
<i>Cd177</i>	-0.752577639	0.436358756	-1.724676379	0.08458581	0.76099108
<i>Ceacam10</i>	1.311484983	1.590281674	0.824687227	0.409549185	0.940886864
<i>Rps19</i>	0.497599408	0.244997683	2.031037199	0.042251221	0.680982912
<i>Cd79a</i>	0.048232446	0.437429843	0.110263272	0.912200584	0.994688009
<i>Arhgef1</i>	-4.065177982	0.220805766	-18.41065136	1.08E-75	1.76E-71
<i>Rabac1</i>	0.216419079	0.102800273	2.105238373	0.035270564	0.674795441
<i>Atp1a3</i>	-0.016188318	0.766546448	-0.021118509	0.98315112	0.997569444
<i>Grik5</i>	0.14062538	0.28537753	0.492769629	0.622175372	0.97514112
<i>Zfp574</i>	-0.271493806	0.475819704	-0.570581261	0.568283524	0.971380162
<i>Pou2f2</i>	-1.935906699	1.355760519	-1.427911989	0.153317192	0.854159937
<i>D930028M14Rik</i>	-0.059066303	1.050077711	-0.056249459	0.955143081	0.99614946
<i>Dedd2</i>	-0.116689409	0.170512782	-0.684344052	0.493757936	0.958916246
<i>Zfp526</i>	-0.325405268	0.461075851	-0.705752138	0.480342291	0.957463006
<i>Gsk3a</i>	-0.140892942	0.221283172	-0.636708793	0.524314545	0.965637248
<i>9130221H12Rik</i>	0.6550382	1.2948423	0.505882608	0.612939062	0.974001549
<i>Erf</i>	0.197229686	0.206846374	0.953508066	0.340332712	0.919850248
<i>Cic</i>	0.090365018	0.224189571	0.403074138	0.686893685	0.98538669
<i>Pafah1b3</i>	0.383402854	0.196649429	1.949676925	0.051214638	0.707153766
<i>Megf8</i>	0.515457437	0.211715517	2.434670088	0.014905373	0.554936045
<i>4732471J01Rik</i>	0.408649201	0.892401678	0.4579207	0.647009415	0.979004493
<i>Lipe</i>	0.413225853	0.286361079	1.443023801	0.149013767	0.848779008
<i>Cxcl17</i>	-0.204963249	0.196296992	-1.044148696	0.296416599	0.909005508
<i>Ceacam1</i>	-0.358799783	0.304941787	-1.176617302	0.239348289	0.896918485
<i>Atp5sl</i>	0.187012156	0.155503231	1.202625531	0.229121263	0.895404344
<i>B3gnt8</i>	0.652584961	0.288230639	2.264106839	0.023567544	0.622011301
<i>Bckdha</i>	-0.135002517	0.15062726	-0.896268822	0.370109207	0.928436166
<i>Exosc5</i>	-0.008083038	0.15200779	-0.053175155	0.957592351	0.996226826
<i>B9d2</i>	0.241388288	0.195065821	1.237470954	0.215912291	0.887633697
<i>Tgfb1</i>	-0.046797881	0.210971146	-0.221821241	0.824453044	0.992886758
<i>Ccdc97</i>	0.068258945	0.256125558	0.266505794	0.789849697	0.990988839
<i>Hnrrnpul1</i>	0.011157834	0.221441174	0.050387349	0.959813718	0.996474415
<i>Axl</i>	-0.259178516	0.151421509	-1.711636063	0.086963758	0.765418158
<i>Cyp2s1</i>	-0.421513398	0.221628852	-1.901888647	0.057185714	0.721735927
<i>Cyp2b10</i>	-0.348745471	0.156124512	-2.233765007	0.025498539	0.631530315
<i>Cyp2b9</i>	1.013541909	1.073891268	0.943803102	0.345270275	0.92132235
<i>Cyp2a4</i>	0.939326879	0.877691221	1.070224763	0.284518151	0.905916508
<i>Cyp2b19</i>	-0.127206552	0.56244456	-0.226167272	0.821071325	0.992886758
<i>Cyp2g1</i>	-0.168520354	0.51317162	-0.328389856	0.742616912	0.988585656
<i>Cyp2a5</i>	-0.38424777	0.284481571	-1.350694771	0.176793228	0.866546104
<i>Cyp2a12</i>	-2.929200336	1.959112628	-1.49516689	0.134870892	0.829704995
<i>Cyp2f2</i>	-0.447651292	0.208147565	-2.150643906	0.031504317	0.661395937
<i>Cyp2t4</i>	2.398366011	1.650079895	1.453484779	0.146089203	0.843494228
<i>Egln2</i>	0.136085566	0.13100703	1.038765372	0.29891387	0.909933614
<i>Rab4b</i>	-0.099945938	0.120646697	-0.828418357	0.407433614	0.939557159
<i>Mia</i>	0.392436519	0.286761918	1.368509885	0.17115253	0.86244803
<i>Snrpa</i>	0.039705722	0.236133356	0.168149571	0.866465613	0.992886758
<i>BC024978</i>	0.39274966	0.519176016	0.756486523	0.449357549	0.948476747
<i>Itpkc</i>	-0.585148532	0.255591273	-2.28939167	0.022056606	0.616892692
<i>Adck4</i>	-0.050510195	0.11985439	-0.421429656	0.673441367	0.983375962
<i>Numb1</i>	0.212438154	0.323539022	0.656607519	0.511433313	0.963452765
<i>Ltbp4</i>	0.04953159	0.197575988	0.250696405	0.802048841	0.990988839
<i>Shkbp1</i>	-0.284408696	0.256858645	-1.107257638	0.268182554	0.98904647
<i>Sptbn4</i>	0.443682898	1.208521098	0.367128798	0.713522947	0.988585656
<i>Blvrb</i>	0.299403629	0.206206136	1.45196275	0.146511963	0.843780493
<i>Sertad3</i>	0.222778565	0.197479766	1.128108311	0.25927418	0.897248195
<i>Sertad1</i>	-0.201281763	0.154531461	-1.302529348	0.192735492	0.879588734
<i>Prx</i>	-0.187604568	0.143443132	-1.307867204	0.190918355	0.877906723
<i>Hipk4</i>	0.506707203	1.010718174	0.50133382	0.616136207	0.974001549

<i>Pld3</i>	-0.219192197	0.225644866	-0.97140343	0.331347421	0.917115058
<i>2310022A10Rik</i>	0.048399534	0.338321548	0.143057792	0.886244539	0.992886758
<i>Akt2</i>	0.130214802	0.092440264	1.408637289	0.158942447	0.855986074
<i>Map3k10</i>	0.325209808	0.179462868	1.81212867	0.069966317	0.744227652
<i>C030039L03Rik</i>	-0.213856867	0.245223372	-0.872090069	0.383159243	0.93148317
<i>Zfp60</i>	-0.089415771	0.188754663	-0.473714239	0.635703698	0.977104816
<i>Gm10046</i>	0.383520633	0.535101838	0.716724566	0.473544065	0.955974667
<i>Zfp626</i>	0.172764613	0.120078709	1.438761412	0.150218133	0.849830719
<i>Zfp59</i>	-0.07797843	0.206805418	-0.377061834	0.706127654	0.988585656
<i>Zfp607</i>	0.000131721	0.275260368	0.000478531	0.999618188	0.999950896
<i>1700049G17Rik</i>	0.106727454	0.164854459	0.647404105	0.51737044	0.964352198
<i>Zfp780b</i>	-0.109206068	0.203051989	-0.537823189	0.590699121	0.974001549
<i>Zfp850</i>	-0.108662236	0.262429372	-0.414062784	0.678828127	0.9838639
<i>Psmc4</i>	-0.147391817	0.090580528	-1.627190959	0.103696547	0.79155232
<i>Fcgbp</i>	-0.056703447	0.408260019	-0.138890521	0.889536662	0.993043931
<i>9530053A07Rik</i>	0.261868868	0.21177206	1.236560046	0.21625046	0.887633697
<i>Fbl</i>	0.111310406	0.152476952	0.730014634	0.46538124	0.953083512
<i>Dyrk1b</i>	-0.324746672	0.355007191	-0.914760828	0.360317203	0.925913281
<i>Eid2</i>	-0.042797536	0.224624302	-0.19052941	0.848894299	0.992886758
<i>Eid2b</i>	0.208751989	0.222457707	0.938389556	0.348044251	0.921552698
<i>Timm50</i>	0.026738515	0.141248325	0.189301464	0.849856548	0.992886758
<i>Supt5</i>	0.012154996	0.158496645	0.076689296	0.93887072	0.994688009
<i>Rps16</i>	0.412243082	0.232456361	1.773421381	0.076158909	0.752876039
<i>AF357399</i>	0.540245308	0.858944324	0.628964291	0.529372434	0.965637248
<i>Plekhhg2</i>	-0.559848201	0.340648618	-1.643477094	0.100284261	0.788783372
<i>Zfp36</i>	0.105112919	0.498968377	0.210660482	0.833152213	0.992886758
<i>Med29</i>	0.030650075	0.160732709	0.190689718	0.848768694	0.992886758
<i>Paf1</i>	0.016919517	0.157856523	0.107182881	0.914643896	0.994688009
<i>Samd4b</i>	0.040513798	0.269107251	0.15054889	0.880331581	0.992886758
<i>Gmfg</i>	0.502000121	0.195102684	2.573004689	0.010081984	0.497306815
<i>Lrfr1</i>	-1.740791657	1.11666325	-1.558922671	0.119014684	0.814755048
<i>Nccrp1</i>	-1.634930487	1.461069793	-1.118995475	0.263142069	0.897248195
<i>Pak4</i>	-0.200805264	0.202772757	-0.990297054	0.322028946	0.91640698
<i>Pap1</i>	-0.281778396	0.747394462	-0.377014294	0.706162982	0.988585656
<i>Fbxo27</i>	0.616693983	0.616722071	0.999954456	0.317332549	0.91640698
<i>Fbxo17</i>	0.174822033	0.200438802	0.872196558	0.383101157	0.931480654
<i>Mrps12</i>	0.335302816	0.159617388	2.100665968	0.035670299	0.674795441
<i>Sars2</i>	-0.420011947	0.48211634	-0.871183803	0.383653802	0.931591679
<i>Nfkbib</i>	-0.178652065	0.149597407	-1.194218992	0.232392316	0.895404344
<i>Sirt2</i>	0.010606559	0.147212299	0.07204941	0.942562586	0.994688009
<i>Gm19897</i>	0.851375722	1.149342878	0.740749987	0.458845045	0.952683168
<i>Rin1</i>	0.236678853	0.18022881	1.313213204	0.189111116	0.875548883
<i>Hnrnp1</i>	0.010537574	0.107033895	0.098450812	0.921574328	0.994688009
<i>Ech1</i>	0.304878786	0.124020725	2.458289014	0.013960078	0.545277966
<i>Lgals4</i>	-0.828498141	1.530170227	-0.541441812	0.588203094	0.973455044
<i>Lgals7</i>	-0.11144885	0.657644696	-0.16946666	0.865429594	0.992886758
<i>Actn4</i>	-0.310228081	0.191997743	-1.615790251	0.10613967	0.79419908
<i>Eif3k</i>	0.092752347	0.123711688	0.749746033	0.453407677	0.950146765
<i>Map4k1</i>	-0.086451022	0.278709889	-0.310182831	0.756421926	0.989266039
<i>Ryr1</i>	0.030312681	0.308583512	0.098231693	0.921748317	0.994688009
<i>Rasgrp4</i>	0.00946956	0.400532872	0.023642405	0.981137848	0.997364526
<i>Fam98c</i>	0.081012052	0.193971395	0.417649477	0.676203416	0.983549699
<i>Spred3</i>	-0.215184671	0.578802801	-0.371775449	0.710060044	0.988585656
<i>Ggn</i>	1.701724825	1.51048881	1.126605383	0.259909362	0.897248195
<i>Psmid8</i>	0.107354996	0.109664158	0.978943326	0.327607983	0.917115058
<i>Catsperg1</i>	-0.562030424	0.676094805	-0.830239435	0.406403423	0.939557159
<i>Kcnk6</i>	-0.340459217	0.248094424	-1.372296932	0.16997102	0.861730117
<i>Yif1b</i>	0.02297553	0.128210866	0.179201116	0.857779787	0.992886758
<i>2200002D01Rik</i>	0.383081046	0.192628821	1.988700575	0.046734263	0.698868643
<i>Spint2</i>	-0.026232786	0.077656386	-0.337805912	0.735509455	0.988585656
<i>Ppp1r14a</i>	0.592153475	0.16726484	3.540214884	0.000399801	0.139568962
<i>Dpf1</i>	0.038963359	1.07182303	0.036352418	0.971001354	0.996733101

<i>Sipa1l3</i>	0.344658297	0.33733159	1.0217196	0.306913632	0.9139204
<i>Zfp84</i>	0.020975176	0.27156784	0.077237335	0.938434741	0.994688009
<i>Zfp30</i>	0.59738682	0.694632405	0.860004249	0.3897867	0.933734231
<i>Zfp790</i>	-0.157018812	0.188041847	-0.83502058	0.403706121	0.937834293
<i>Zfp940</i>	0.204061664	0.353362237	0.577485771	0.563611348	0.969658675
<i>Zfp420</i>	0.202251299	0.243847401	0.829417486	0.40686821	0.939557159
<i>Zfp27</i>	0.151628715	0.178098337	0.851376368	0.394560315	0.933796635
<i>Zfp383</i>	0.22698008	0.188204624	1.206028179	0.227806625	0.894410876
<i>Zfp74</i>	0.253596071	0.272851773	0.929427977	0.352667335	0.923348232
<i>Zfp568</i>	-0.126681147	0.303494891	-0.417407839	0.676380122	0.983549699
<i>Zfp14</i>	0.070237459	0.219808128	0.319539864	0.749317167	0.988585656
<i>Zfp82</i>	-0.214698462	0.308982676	-0.694855985	0.487145559	0.958288569
<i>Zfp566</i>	0.163142671	0.314101663	0.519394483	0.603485678	0.974001549
<i>Zfp260</i>	0.021195528	0.136736834	0.155009645	0.876813713	0.992886758
<i>Zfp382</i>	-0.111050036	0.540283495	-0.205540307	0.83715001	0.992886758
<i>Zfp146</i>	-0.13729371	0.1857784	-0.739018692	0.459895647	0.953083512
<i>Gm5113</i>	-0.349285136	0.35353204	-0.987987218	0.323158908	0.91640698
<i>Cox7a1</i>	0.469459735	0.397552831	1.180873831	0.237652848	0.896609492
<i>Capns1</i>	-0.04259979	0.146209676	-0.291360949	0.770775278	0.989990452
<i>Tbcb</i>	0.107002869	0.10155209	1.053674708	0.292031872	0.907334416
<i>Polr2i</i>	0.406028399	0.176433052	2.301317091	0.021373714	0.60743619
<i>Wdr62</i>	-1.051907454	0.67098644	-1.567702998	0.116950462	0.812679331
<i>Clip3</i>	0.333570389	0.877358917	0.380198323	0.703798204	0.988585656
<i>Alkbh6</i>	-0.002176708	0.128352564	-0.016958817	0.98646947	0.998148029
<i>Syne4</i>	-0.163221578	0.359462733	-0.454070931	0.649777775	0.979004493
<i>Sdhaf1</i>	0.26341936	0.184276274	1.429480604	0.152866146	0.854156592
<i>Lrfn3</i>	-0.174479331	0.542605592	-0.321558299	0.74778734	0.988585656
<i>Tyrobp</i>	0.42707636	0.183377673	2.328944161	0.019862024	0.595248411
<i>Hcst</i>	0.544850678	0.278770429	1.954478029	0.050644711	0.707153766
<i>Nfkbid</i>	0.459318867	0.618076618	0.743142279	0.457395545	0.952102513
<i>Aplp1</i>	-0.223364205	0.368298312	-0.606476321	0.544198502	0.967491297
<i>Arhgap33</i>	-0.404115157	0.669672649	-0.603451787	0.54620818	0.96778188
<i>Proser3</i>	-0.417874507	0.543589106	-0.768732307	0.442052242	0.948476747
<i>Hspb6</i>	-0.31274427	0.373323276	-0.837730433	0.402182117	0.937834293
<i>Lin37</i>	0.028947657	0.149979889	0.193010258	0.846950934	0.992886758
<i>Psenen</i>	-0.154046086	0.09930297	-1.551273695	0.120836108	0.816233249
<i>U2af1l4</i>	0.200715559	0.150747426	1.331469232	0.183034662	0.869576666
<i>Igflr1</i>	0.098390648	0.279831274	0.351607046	0.72513298	0.988585656
<i>Kmt2b</i>	0.151866967	0.229670372	0.661238826	0.508459166	0.963324595
<i>Zbtb32</i>	-0.076741757	0.545973077	-0.140559599	0.888217867	0.992886758
<i>Upk1a</i>	-0.076797563	0.450238094	-0.170571003	0.8645611	0.992886758
<i>Cox6b1</i>	0.096106333	0.172479956	0.557202905	0.577388805	0.971613657
<i>Rbm42</i>	-0.13098215	0.154114072	-0.849903895	0.39537852	0.934066368
<i>Haus5</i>	0.049750232	0.287753377	0.172891913	0.862736388	0.992886758
<i>2200002J24Rik</i>	-2.110584727	2.145315201	-0.983811016	0.325208442	0.91640698
<i>Tmem147</i>	0.244999195	0.202185893	1.211752168	0.225607263	0.89336109
<i>Gapdhs</i>	0.146262573	0.320155897	0.456847975	0.64778032	0.979004493
<i>Sbsn</i>	-0.078608206	0.293252981	-0.268055949	0.788656253	0.990988839
<i>Dmkn</i>	0.050820865	0.184248313	0.275828118	0.782680086	0.990988839
<i>Ffar2</i>	-0.190892608	0.555445953	-0.343674495	0.731091094	0.988585656
<i>Cd22</i>	0.05260051	0.267429515	0.196689245	0.844070727	0.992886758
<i>Mag</i>	-0.032860564	0.332031855	-0.098968108	0.921163592	0.994688009
<i>Hamp</i>	-0.406312631	0.361920322	-1.122657687	0.261582905	0.897248195
<i>Usf2</i>	0.267713546	0.097993916	2.731940498	0.006296251	0.427133716
<i>Lsr</i>	-0.046986815	0.132747913	-0.353955204	0.723372455	0.988585656
<i>Fam187b</i>	-0.248051174	0.236809153	-1.047472915	0.294881518	0.90737175
<i>Fxyd5</i>	-0.006843374	0.138401769	-0.049445709	0.960564102	0.996474415
<i>Fxyd7</i>	-1.422689348	0.840966978	-1.691730336	0.090697401	0.770055369
<i>Fxyd1</i>	0.308339465	0.132519768	2.326743174	0.019978939	0.595248411
<i>Lgi4</i>	-0.06939474	0.437720962	-0.158536478	0.874034079	0.992886758
<i>Fxyd3</i>	-0.288984494	0.207142194	-1.39510202	0.162985077	0.859982992
<i>Hpn</i>	0.115183094	0.178652744	0.644731734	0.519101048	0.96446859

<i>Scn1b</i>	-0.043467768	0.286728501	-0.151599049	0.879503183	0.992886758
<i>Gramd1a</i>	-0.162440611	0.144184887	-1.126613301	0.259906013	0.897248195
<i>Gm10640</i>	0.538628812	1.187714211	0.453500351	0.65018849	0.979004493
<i>Wtip</i>	-0.310878438	0.135580995	-2.292935209	0.021851735	0.614067614
<i>Uba2</i>	-0.115545013	0.089214533	-1.295136669	0.195273087	0.879588734
<i>Pdcd2l</i>	0.24941818	0.135060728	1.846711351	0.064788986	0.733548823
<i>Gpi1</i>	0.05955314	0.117934425	0.504968245	0.61358114	0.974001549
<i>4931406P16Rik</i>	-0.174235681	0.159484379	-1.092493709	0.274616154	0.900302631
<i>Lsm14a</i>	0.003256555	0.079268331	0.041082673	0.967229988	0.996474415
<i>Kctd15</i>	-0.005743561	0.215088333	-0.026703268	0.978696406	0.997262526
<i>Chst8</i>	0.025932044	0.586531596	0.044212527	0.964734997	0.996474415
<i>Pepd</i>	-0.117709528	0.154405902	-0.762338267	0.44585814	0.948476747
<i>Cebpg</i>	-0.030568187	0.127595862	-0.239570363	0.810663343	0.991438232
<i>Cebpa</i>	-0.02985862	0.154043172	-0.193832802	0.846306802	0.992886758
<i>Slc7a10</i>	0.339476546	0.235411394	1.442056564	0.149286417	0.848779008
<i>Lrp3</i>	-0.870916147	0.425788208	-2.045421013	0.040813369	0.679118604
<i>Gpatch1</i>	0.140004114	0.329009297	0.425532393	0.670448613	0.982434419
<i>Rhpn2</i>	-0.018185597	0.190955699	-0.095234641	0.924128455	0.994688009
<i>Faap24</i>	0.197962545	0.271401114	0.729409476	0.465751223	0.953083512
<i>Cep89</i>	-0.006695312	0.221030198	-0.03029139	0.975834664	0.997262526
<i>Tdrd12</i>	1.317652742	2.276491367	0.578808583	0.562718339	0.969658675
<i>Nudt19</i>	0.07822255	0.180923608	0.432351261	0.665486136	0.981727712
<i>Rgs9bp</i>	-0.265422797	4.191863581	-0.063318567	0.949512831	0.995624732
<i>Ankrd27</i>	0.141128024	0.178147208	0.792198911	0.428244704	0.945321484
<i>Pdcd5</i>	0.410814869	0.173646486	2.365811593	0.017990597	0.581648476
<i>Dpy19l3</i>	0.413903825	0.232489163	1.780314491	0.075024507	0.75241101
<i>Zfp507</i>	-0.575034629	0.264905075	-2.170719564	0.029952377	0.65030913
<i>E130304I02Rik</i>	-2.270372735	2.143368581	-1.059254463	0.289483907	0.907334416
<i>Tshz3</i>	0.192895859	0.487005104	0.396085909	0.692041653	0.986464472
<i>Zfp536</i>	-0.910507393	2.33851382	-0.389353009	0.697015028	0.987518602
<i>Uri1</i>	0.034135751	0.119092808	0.286631507	0.774394487	0.990795297
<i>Ccne1</i>	-0.231943396	0.389749462	-0.595108959	0.551770641	0.968926429
<i>1600014C10Rik</i>	-0.149052695	0.169499408	-0.879370004	0.379200691	0.929137643
<i>Plekhf1</i>	0.027166449	0.21892782	0.124088611	0.901245115	0.994688009
<i>Pop4</i>	-0.006696324	0.134820398	-0.049668479	0.960386575	0.996474415
<i>Zfp939</i>	0.443070336	0.322924911	1.372053751	0.170046705	0.861730117
<i>Zfp619</i>	-0.885127968	0.425713401	-2.079163976	0.037602281	0.679118604
<i>Vstm2b</i>	0.204753781	1.346566933	0.152056148	0.879142651	0.992886758
<i>AI987944</i>	0.00908794	0.17675029	0.051416831	0.958993373	0.996340108
<i>Vmn2r57</i>	0.232893013	1.145223947	0.203360237	0.838853477	0.992886758
<i>AW146154</i>	0.279283869	0.217943853	1.281448711	0.200036104	0.880888611
<i>Zfp788</i>	0.080069071	0.15255813	0.524843029	0.599692316	0.974001549
<i>Zfp141</i>	-0.070114018	0.179028941	-0.391635102	0.695327848	0.98715859
<i>9830147E19Rik</i>	0.062690806	0.244532167	0.256370387	0.797664852	0.990988839
<i>Gm5595</i>	-0.046069973	0.225677196	-0.204141019	0.8382433	0.992886758
<i>Zfp715</i>	0.052728756	0.14172506	0.372049625	0.709855902	0.988585656
<i>Siglecf</i>	-0.364558489	0.222640507	-1.637431093	0.101540426	0.788783372
<i>Siglecg</i>	-0.12906399	0.545489416	-0.236602188	0.812965422	0.992048071
<i>Nkg7</i>	1.199860442	0.223420588	5.370411268	7.86E-08	0.000320651
<i>Cldnd2</i>	3.857239949	2.208638459	1.746433389	0.080735672	0.758307521
<i>Etfb</i>	0.267746156	0.142723248	1.875981385	0.060657836	0.725221283
<i>Vsig10l</i>	0.13734469	0.691934706	0.198493715	0.842658802	0.992886758
<i>Cd33</i>	-0.138746441	0.275483219	-0.503647522	0.614509092	0.974001549
<i>Zfp658</i>	0.409133458	0.298707599	1.369678774	0.170787197	0.86244803
<i>Zfp719</i>	-0.091993969	0.148142071	-0.620984766	0.534609646	0.96674935
<i>Zfp819</i>	-0.515824479	1.478027595	-0.348995161	0.727092942	0.988585656
<i>Siglece</i>	0.082512394	0.421099053	0.195945333	0.844652955	0.992886758
<i>Ctu1</i>	-0.274696965	0.264861459	-1.037134531	0.299673164	0.910105802
<i>Klk14</i>	0.192478025	0.802562783	0.239829243	0.810462636	0.991438232
<i>Klk13</i>	0.323321242	0.305874234	1.057039811	0.290493419	0.907334416
<i>2310002F09Rik</i>	0.533194713	0.810978224	0.657471061	0.510878073	0.963452765
<i>Klk11</i>	-0.307214326	0.366345725	-0.838591268	0.401698713	0.937834293

<i>Klk10</i>	0.385615315	0.771507593	0.499820505	0.617201471	0.974001549
<i>Klk9</i>	-1.727184309	1.508088063	-1.145280804	0.252092855	0.896939594
<i>Klk8</i>	0.408551358	0.181038847	2.256705483	0.024026484	0.62266731
<i>Klk1b27</i>	0.088488993	1.62055613	0.05460409	0.95645388	0.996173928
<i>Klk1b21</i>	-0.704937421	2.182346189	-0.323018146	0.746681499	0.988585656
<i>Klk1</i>	-0.059939949	0.642445935	-0.0932996	0.92566555	0.994688009
<i>1700028J19Rik</i>	-0.508921692	0.821933116	-0.619176527	0.535800074	0.96674935
<i>2410002F23Rik</i>	-0.05923421	0.141860452	-0.417552669	0.676274208	0.983549699
<i>Clec11a</i>	-0.180170232	0.176818637	-1.018954985	0.308224338	0.9139204
<i>Shank1</i>	-0.627340217	2.204076379	-0.284627259	0.775929725	0.990861469
<i>1700008O03Rik</i>	-0.80362976	1.211284723	-0.663452403	0.507040854	0.963011338
<i>Syt3</i>	-0.05944202	0.805057404	-0.073835754	0.941141077	0.994688009
<i>Lrrc4b</i>	0.523726299	3.413398572	0.153432507	0.878057212	0.992886758
<i>Josd2</i>	0.050272772	0.16260455	0.309171988	0.757190701	0.989266039
<i>Emc10</i>	-0.012435881	0.109683959	-0.113379214	0.909729918	0.994688009
<i>Fam71e1</i>	0.308954973	0.434823339	0.710529875	0.477375612	0.95716557
<i>Mybpc2</i>	0.025966534	1.005241591	0.025831138	0.979392026	0.997262526
<i>Spib</i>	-0.005719062	0.466786026	-0.012252	0.990224563	0.998417328
<i>Pold1</i>	-0.103938736	0.215475056	-0.482370156	0.629543017	0.977034429
<i>Nr1h2</i>	-0.325178835	0.157723852	-2.061697268	0.039236567	0.679118604
<i>Napsa</i>	-0.196448142	0.18699059	-1.05057769	0.293452592	0.907334416
<i>Kcnc3</i>	-0.006736656	0.403765893	-0.016684559	0.986688266	0.998148029
<i>Myh14</i>	0.200390438	0.192341777	1.04184562	0.29748326	0.909070179
<i>Zfp473</i>	-0.991015252	1.402011504	-0.70685244	0.479658182	0.957463006
<i>Vrk3</i>	0.006657551	0.160341865	0.041520977	0.96688057	0.996474415
<i>Atf5</i>	0.130308648	0.118432831	1.1002747	0.271212452	0.89804647
<i>Nup62</i>	0.164550802	0.209048482	0.787141818	0.431198852	0.945321484
<i>Tbc1d17</i>	-0.039304221	0.154115284	-0.255031302	0.798698923	0.990988839
<i>Akt1s1</i>	0.021974537	0.121727084	0.180522985	0.856742011	0.992886758
<i>Pnkp</i>	0.126690127	0.160404496	0.789816559	0.429634907	0.945321484
<i>Ptov1</i>	-0.283537567	0.120177099	-2.359331093	0.018307913	0.582676994
<i>Med25</i>	-0.428837411	0.243772975	-1.759167158	0.078549121	0.754732183
<i>Fuz</i>	0.042611795	0.14414966	0.295608017	0.767529451	0.989990452
<i>Ap2a1</i>	0.022399592	0.267578323	0.083712283	0.933285191	0.994688009
<i>Tsks</i>	0.877312928	2.415009093	0.363275207	0.716399312	0.988585656
<i>Cpt1c</i>	0.190124765	0.365457911	0.520237104	0.602898327	0.974001549
<i>Prmt1</i>	0.227771989	0.100027432	2.277095236	0.022780539	0.620006604
<i>Gm15545</i>	-0.154244061	0.500734929	-0.308035355	0.75805543	0.989266039
<i>Bcl2l12</i>	0.019481089	0.241695804	0.080601686	0.935758725	0.994688009
<i>Irf3</i>	-0.000240415	0.10643536	-0.002258791	0.998197747	0.999591134
<i>Scaf1</i>	0.008570822	0.218898768	0.039154273	0.96876739	0.996474415
<i>Rras</i>	0.090989115	0.143952255	0.63207843	0.527335629	0.965637248
<i>Prr12</i>	0.263500957	0.360282241	0.731373703	0.464550923	0.953083512
<i>Prrg2</i>	0.113795517	0.126257887	0.901294321	0.367431852	0.928436166
<i>Nosip</i>	0.121898874	0.15270899	0.798242944	0.424729521	0.944280828
<i>Rcn3</i>	0.068174158	0.123983918	0.549862906	0.582413409	0.972017845
<i>Fcgrt</i>	0.220992848	0.134850236	1.638802087	0.101254485	0.788783372
<i>Rps11</i>	0.340445288	0.230370514	1.477816248	0.139456968	0.836535783
<i>Rpl13a</i>	0.311711326	0.311235182	1.001529853	0.316570715	0.91640698
<i>Flt3l</i>	-0.057956813	0.163876053	-0.353662491	0.723591836	0.988585656
<i>Aldh16a1</i>	0.122915525	0.184427724	0.666469889	0.505110804	0.962138588
<i>Pih1d1</i>	0.113307378	0.156908658	0.722123171	0.470218753	0.95486913
<i>Slc17a7</i>	-0.6977429	0.835212563	-0.835407573	0.403488267	0.937834293
<i>Ccdc155</i>	-0.229782185	0.276262612	-0.831752742	0.405548524	0.939557159
<i>Dkk1l</i>	-0.282939019	0.367393477	-0.770125322	0.441225557	0.948068187
<i>Tead2</i>	-0.16084207	0.273867657	-0.587298523	0.557003233	0.968926429
<i>Cd37</i>	-0.11461218	0.331568604	-0.345666565	0.729593314	0.988585656
<i>Trpm4</i>	0.125198235	0.133459314	0.938100394	0.348192819	0.921552698
<i>Rpl14-ps1</i>	0.434272452	0.224928078	1.930716943	0.053518066	0.707153766
<i>Hrc</i>	0.141941004	0.669116461	0.212131986	0.832004066	0.992886758
<i>Ppfia3</i>	0.905326807	0.976887953	0.926745799	0.354058532	0.924354588
<i>Mtag2</i>	3.949093828	1.928229334	2.048041567	0.040555927	0.679118604

<i>Lin7b</i>	0.74229568	1.241072447	0.598108258	0.5497677	0.968926429
<i>Snrnp70</i>	-0.139775057	0.160586717	-0.870402359	0.384080558	0.931591679
<i>Kcna7</i>	0.654933031	1.439628976	0.454931821	0.649158289	0.979004493
<i>Ntf5</i>	-0.023542349	0.230893154	-0.101962092	0.918786764	0.994688009
<i>Lhb</i>	-0.267482273	0.331571939	-0.806709619	0.419833801	0.943415794
<i>Ruvbl2</i>	-0.118090841	0.119621651	-0.987202904	0.323543178	0.91640698
<i>Gys1</i>	-0.323097284	0.23777001	-1.358864746	0.174189452	0.863528862
<i>Ftl1</i>	-0.023359003	0.141305889	-0.165308066	0.86870151	0.992886758
<i>Bax</i>	0.290836638	0.146493637	1.98531925	0.047108964	0.69958699
<i>Dhdh</i>	-0.112558157	0.188827733	-0.596089118	0.551115694	0.968926429
<i>Tulp2</i>	0.018679911	1.013520773	0.018430714	0.985295251	0.998148029
<i>Nucb1</i>	-0.275337813	0.154517124	-1.781924274	0.074761582	0.75241101
<i>Ppp1r15a</i>	-0.031155802	0.178729006	-0.174318669	0.861615028	0.992886758
<i>Plekha4</i>	-0.013069666	0.308694603	-0.0423385	0.966228855	0.996474415
<i>Hsd17b14</i>	-0.747416534	0.921305209	-0.811258339	0.417217329	0.943415794
<i>0610005C13Rik</i>	-0.528697775	1.343122517	-0.39363332	0.693851778	0.986894729
<i>Bcat2</i>	-0.064602561	0.144556268	-0.446902527	0.654945439	0.979133069
<i>Fut1</i>	-0.991446753	1.966411028	-0.504191005	0.614127161	0.974001549
<i>Izumo1</i>	-1.300559322	1.278540029	-1.017222216	0.30904773	0.9139204
<i>Rasip1</i>	-0.210572723	0.128251827	-1.641869187	0.100617117	0.788783372
<i>Mamstr</i>	0.758705509	0.697627155	1.087551571	0.27679312	0.900604936
<i>Fut2</i>	0.70134294	0.760381445	0.922356726	0.356342534	0.924354588
<i>Sec1</i>	-0.207734351	0.587225216	-0.353755843	0.723521868	0.988585656
<i>Ntn5</i>	1.958319769	1.369517277	1.42993433	0.152735868	0.853744627
<i>Car11</i>	-0.235122827	0.656142518	-0.358341093	0.720088069	0.988585656
<i>Dbp</i>	-0.770938575	0.319891028	-2.410003742	0.015952357	0.557717626
<i>Sphk2</i>	-0.04964217	0.184721667	-0.268740372	0.788129482	0.990988839
<i>Rpl18</i>	0.351629515	0.155328473	2.263780155	0.02358764	0.622011301
<i>Fam83e</i>	-0.342612184	0.405515373	-0.844880876	0.398177353	0.935327115
<i>Sult2b1</i>	0.444641492	0.271838102	1.635684948	0.101905541	0.788783372
<i>Lmtk3</i>	-0.445614473	1.886950412	-0.2361559	0.813311698	0.992048071
<i>Cyth2</i>	-0.027316641	0.108534366	-0.251686563	0.801283344	0.990988839
<i>Kcnj14</i>	2.108351015	1.797974663	1.172625543	0.240946002	0.896939594
<i>Grwd1</i>	-0.178219754	0.24702958	-0.721451068	0.470632036	0.95486913
<i>Grin2d</i>	0.282206161	0.630959452	0.447265129	0.654683641	0.979133069
<i>Kdelr1</i>	-0.129565257	0.12055907	-1.074703517	0.282507488	0.905832632
<i>Tmem143</i>	-0.023142245	0.261223884	-0.088591614	0.929406473	0.994688009
<i>Emp3</i>	0.08282577	0.127022102	0.652057941	0.514363795	0.964352198
<i>Ccdc114</i>	-0.347428321	0.204926918	-1.695376694	0.090003984	0.769347579
<i>Abcc6</i>	-0.83280079	2.071205766	-0.402085009	0.687621465	0.98538669
<i>Nomo1</i>	-0.222317762	0.197243046	-1.127125981	0.25968922	0.897248195
<i>Kcnj11</i>	-0.572853988	0.498407594	-1.149368499	0.250404064	0.896939594
<i>Abcc8</i>	-0.690276204	1.455904047	-0.474122045	0.635412879	0.977034429
<i>Kcnc1</i>	-1.650813611	2.355529043	-0.700824987	0.483412242	0.957710647
<i>Sergef</i>	0.311911223	0.152990135	2.038766902	0.041473297	0.679118604
<i>Saal1</i>	0.284851467	0.154310031	1.845968569	0.064896769	0.733773928
<i>Saa3</i>	0.062039644	0.697438699	0.088953545	0.92911883	0.994688009
<i>Saa1</i>	0.126953715	1.045084417	0.121476995	0.903313235	0.994688009
<i>Hps5</i>	-0.097828545	0.16979936	-0.576142014	0.564519195	0.969658675
<i>Gtf2h1</i>	-0.011682132	0.137723795	-0.084822904	0.932402185	0.994688009
<i>Ldha</i>	-0.075275763	0.127666778	-0.589626871	0.555440832	0.968926429
<i>Tsg101</i>	-0.00149845	0.090938786	-0.016477566	0.986853399	0.998148029
<i>Uevld</i>	0.004653379	0.221133202	0.021043329	0.983211092	0.997569444
<i>Spty2d1</i>	-0.214090279	0.154392663	-1.386660961	0.16554517	0.860011234
<i>Tmem86a</i>	-0.183555955	0.2032159	-0.903255875	0.36639011	0.927834635
<i>Ptpn5</i>	-1.460447524	1.027819486	-1.420918308	0.15534051	0.855261441
<i>Zdhhc13</i>	-0.063437925	0.175574439	-0.361316406	0.717862931	0.988585656
<i>Csrp3</i>	0.255838238	0.324092775	0.789398155	0.429879334	0.945321484
<i>E2f8</i>	-0.261724561	1.134570661	-0.230681587	0.817562179	0.992678823
<i>Nav2</i>	-0.310064974	0.292444277	-1.060253176	0.289029435	0.907334416
<i>Htatip2</i>	0.462191036	0.173487386	2.664118967	0.007719026	0.45506991
<i>Prmt3</i>	-0.180117186	0.213290097	-0.844470457	0.398406565	0.935536313

<i>Nell1</i>	-0.18287378	0.84805001	-0.215640325	0.82926812	0.992886758
<i>Ano5</i>	0.882436778	0.908726551	0.971069655	0.331513594	0.917115058
<i>Fancf</i>	0.089025056	0.290422022	0.306536864	0.759195917	0.989266039
<i>Gas2</i>	0.271766458	0.228319686	1.190289206	0.233932742	0.89581803
<i>Svip</i>	0.202854107	0.149743762	1.354674838	0.175521178	0.864596675
<i>Siglech</i>	0.883847285	0.372186406	2.374743597	0.017561144	0.579835303
<i>Tubgcp5</i>	0.134082118	0.198876186	0.674198959	0.500184831	0.9611436
<i>Cyfp1</i>	-0.10420391	0.131101197	-0.794835684	0.42670909	0.944290206
<i>Nipa2</i>	0.130346047	0.136064573	0.957971971	0.338076893	0.919246575
<i>A230056P14Rik</i>	-0.023227664	0.225427814	-0.103038144	0.917932698	0.994688009
<i>Nipa1</i>	0.129970383	0.145837225	0.891201704	0.372820971	0.928840865
<i>Herc2</i>	0.327813929	0.204046915	1.606561557	0.108150581	0.797772336
<i>Atp10a</i>	-0.299998259	0.242420518	-1.237511834	0.215897124	0.887633697
<i>Ube3a</i>	-0.14873528	0.148191206	-1.003671433	0.315537011	0.91586731
<i>C230091D08Rik</i>	-0.517119342	0.324926052	-1.591498553	0.111497421	0.800752782
<i>Snhg14</i>	0.021817413	0.331366055	0.065840821	0.947504557	0.995361401
<i>Snord64</i>	-0.038012294	1.645275729	-0.023103905	0.981567391	0.997390438
<i>A230057D06Rik</i>	0.577509555	0.638592414	0.90434766	0.365811082	0.927134049
<i>A330076H08Rik</i>	0.359997775	0.376457996	0.956276076	0.338932773	0.919246575
<i>Ndn</i>	0.191588622	0.165345097	1.158719704	0.246570457	0.896939594
<i>Mktn3</i>	0.039726813	0.351187778	0.113121285	0.9099344	0.994688009
<i>Peg12</i>	0.149966073	0.546875581	0.274223386	0.783912958	0.990988839
<i>Chrna7</i>	0.18478145	1.218116	0.151694461	0.879427926	0.992886758
<i>Otd7a</i>	0.970317596	1.522347207	0.637382584	0.52387567	0.965637248
<i>Klf13</i>	-0.112665148	0.185900704	-0.606050144	0.544481456	0.967491297
<i>Trpm1</i>	-0.060135526	1.174442453	-0.051203468	0.959163388	0.996367077
<i>Mtmr10</i>	-0.43216568	0.170154916	-2.539836576	0.011090428	0.505791657
<i>Fan1</i>	-0.582497413	0.433695849	-1.343101195	0.179239209	0.867377413
<i>Mphosph10</i>	-0.061234062	0.126763818	-0.483056311	0.629055754	0.977034429
<i>Mcee</i>	0.162279015	0.142315832	1.140273807	0.254172247	0.897044747
<i>Apba2</i>	-1.407920883	0.645442663	-2.181326034	0.02915931	0.64858361
<i>Ndn12</i>	0.092458165	0.183461319	0.503965445	0.61428566	0.974001549
<i>Tjp1</i>	0.086514644	0.132747743	0.651722149	0.514580431	0.964352198
<i>Tarsl2</i>	0.117384369	0.292869078	0.400808341	0.688561237	0.98538669
<i>Tm2d3</i>	-0.090667355	0.123414923	-0.734654715	0.462549807	0.953083512
<i>181000818Rik</i>	-0.090138787	0.332117414	-0.271406385	0.786078492	0.990988839
<i>Pcsk6</i>	-0.167977338	0.312481502	-0.537559302	0.590881333	0.974001549
<i>Snrpa1</i>	0.041289421	0.118827083	0.347474836	0.72823462	0.988585656
<i>Vimp</i>	0.023620194	0.116124537	0.203403991	0.83881928	0.992886758
<i>Chsy1</i>	0.110018174	0.152785456	0.72008277	0.471474035	0.95486913
<i>Lrrk1</i>	0.25492473	0.139713748	1.824621658	0.068058143	0.742385562
<i>Aldh1a3</i>	0.036363962	0.724534087	0.050189443	0.959971424	0.996474415
<i>Asb7</i>	0.244097496	0.188578222	1.294409789	0.195523911	0.879601031
<i>Lins</i>	0.085020759	0.218794587	0.388587124	0.697581593	0.987550046
<i>Cers3</i>	0.073768615	0.731772951	0.100808065	0.919702824	0.994688009
<i>Adamts17</i>	0.217153508	0.437105654	0.49679867	0.619331033	0.974471036
<i>1700112J16Rik</i>	-0.141743397	1.372825275	-0.103249408	0.917765027	0.994688009
<i>Lysmd4</i>	0.257093765	0.168727701	1.523719959	0.127578681	0.824941438
<i>Mef2a</i>	-0.100904501	0.142359686	-0.708799688	0.478448791	0.957463006
<i>Lrrc28</i>	-0.507157696	0.324126103	-1.564692542	0.117655018	0.813618585
<i>Ttc23</i>	0.185395495	0.164259329	1.128675584	0.259034713	0.897248195
<i>Synm</i>	0.10488007	0.208711157	0.502513	0.61530671	0.974001549
<i>4833412C05Rik</i>	-0.190228288	1.442531256	-0.131871172	0.895086191	0.993604681
<i>Igf1r</i>	0.151106089	0.243795548	0.619806597	0.535385125	0.96674935
<i>Pgpep1l</i>	-0.181488457	0.417545913	-0.43465509	0.663812801	0.981154469
<i>Gm16157</i>	-0.271627756	1.543879971	-0.17593839	0.860342345	0.992886758
<i>Fam169b</i>	-0.352291894	0.356818278	-0.987314595	0.323488438	0.91640698
<i>4933436H12Rik</i>	-0.370039905	2.141809123	-0.172769786	0.862832387	0.992886758
<i>Arrdc4</i>	0.139855958	0.157619926	0.887298716	0.374918097	0.928883222
<i>Gm29683</i>	-0.261208382	0.601284791	-0.434417078	0.663985598	0.981154469
<i>Nr2f2</i>	0.279641036	0.156194331	1.790340497	0.07339919	0.748833631
<i>B130024G19Rik</i>	0.190536471	0.295795928	0.64414839	0.519479214	0.964665379

<i>Mctp2</i>	-0.212910181	0.316476738	-0.672751439	0.501105437	0.96121484
<i>A730056A06Rik</i>	0.169035962	0.994925357	0.169898134	0.865090248	0.992886758
<i>Rgma</i>	0.329758431	0.426931162	0.772392508	0.43988199	0.947849924
<i>Chd2</i>	0.193233239	0.240872543	0.802221942	0.422424586	0.943509323
<i>1810026B05Rik</i>	0.142791848	0.124343663	1.148364498	0.250818123	0.896939594
<i>Fam174b</i>	-0.11020801	0.105203018	-1.047574601	0.294834644	0.90737175
<i>St8sia2</i>	0.289654713	0.408363353	0.709306335	0.478134398	0.957438234
<i>Slco3a1</i>	-0.151033955	0.152320484	-0.991553801	0.321415235	0.91640698
<i>Sv2b</i>	-0.368423528	1.401657705	-0.262848431	0.792667405	0.990988839
<i>Akap13</i>	0.002856207	0.194009223	0.014722018	0.988253953	0.998148029
<i>Klhl25</i>	0.201118499	0.179237619	1.122077498	0.261829491	0.897248195
<i>Ntrk3</i>	-0.254655948	1.129361024	-0.225486751	0.821600631	0.992886758
<i>Mrpl46</i>	0.32394328	0.1929859	1.67858522	0.093232909	0.775558829
<i>Mrps11</i>	0.153838942	0.198329838	0.7756722	0.437942558	0.947663582
<i>Det1</i>	0.175862114	0.226745891	0.775591184	0.437990408	0.947663582
<i>Aen</i>	0.172859565	0.187875396	0.920075585	0.357533262	0.924354588
<i>Isg20</i>	0.164106487	0.117948698	1.391337842	0.164123004	0.859982992
<i>Hapln3</i>	-0.734662768	1.097136512	-0.669618375	0.503101097	0.961729397
<i>Mfge8</i>	-0.36798975	0.126699658	-2.904425758	0.003679275	0.376311503
<i>Abhd2</i>	-0.271722463	0.250295562	-1.085606397	0.277653168	0.901241208
<i>Rlbp1</i>	-0.291795661	0.693667574	-0.420656338	0.674006049	0.983375962
<i>Fanci</i>	0.160194625	0.504850152	0.317311234	0.751007454	0.988585656
<i>Polg</i>	0.221653468	0.13786747	1.607728548	0.107894643	0.796929372
<i>Ticrr</i>	-1.089649465	1.68228215	-0.647720993	0.517165424	0.964352198
<i>Kif7</i>	-0.11321564	0.525837986	-0.215305176	0.829529394	0.992886758
<i>Plin1</i>	-0.542214606	0.499784473	-1.084896862	0.277967338	0.901315669
<i>Pex11a</i>	0.072560567	0.250235556	0.289969051	0.771839914	0.990398482
<i>Wdr93</i>	-0.476552662	0.25454584	-1.872168337	0.061183318	0.725221283
<i>Mesp1</i>	1.128221823	0.837011339	1.347917011	0.177685076	0.866855369
<i>Mesp2</i>	-0.168733798	0.495101949	-0.340806168	0.733249506	0.988585656
<i>Anpep</i>	-0.068816769	0.203191573	-0.338679249	0.734851374	0.988585656
<i>Ap3s2</i>	0.09799608	0.161746168	0.605863378	0.54460548	0.967491297
<i>Arpin</i>	0.049292113	0.107446275	0.458760554	0.646406125	0.979004493
<i>Zfp710</i>	-0.054469224	0.264935845	-0.205594015	0.837108053	0.992886758
<i>Gm21057</i>	0.225839772	0.486834813	0.463894047	0.642723658	0.978681333
<i>Idh2</i>	0.003856047	0.104299643	0.036970852	0.970508246	0.996733101
<i>Sema4b</i>	-0.05502977	0.342722241	-0.160566673	0.872434706	0.992886758
<i>Cib1</i>	0.163402156	0.127768657	1.278890772	0.200935523	0.881109608
<i>Gdpgp1</i>	0.145542491	0.303284329	0.479887939	0.631307078	0.977034429
<i>Ttll13</i>	0.580225808	0.472300108	1.228510853	0.219255258	0.888847883
<i>Ngrn</i>	0.043665449	0.112143389	0.389371586	0.697001288	0.987518602
<i>Vps33b</i>	0.295659444	0.288703264	1.024094567	0.30579061	0.91333012
<i>Prc1</i>	0.343626632	0.429142943	0.800727678	0.423289316	0.943509323
<i>Rccd1</i>	-0.520727484	0.252284311	-2.064050206	0.039012956	0.679118604
<i>Unc45a</i>	-0.088191566	0.164560289	-0.535922525	0.592012096	0.974001549
<i>Hddc3</i>	0.177660484	0.203366327	0.873598332	0.382337035	0.930775109
<i>Man2a2</i>	-0.175631156	0.205495781	-0.854670373	0.392733657	0.933734231
<i>Fes</i>	-0.123133385	0.1853579	-0.66430071	0.506497867	0.962475637
<i>Furin</i>	-0.134785154	0.210076933	-0.641599017	0.521133571	0.964784335
<i>Blm</i>	0.32986968	0.631379197	0.522458899	0.601350856	0.974001549
<i>Crtc3</i>	0.034207045	0.298925526	0.114433334	0.908894291	0.994688009
<i>Gm15880</i>	-0.758711949	2.041957801	-0.371561033	0.710219706	0.988585656
<i>Iqgap1</i>	-0.143188573	0.117538398	-1.218228041	0.223137327	0.892421271
<i>Zscan2</i>	-0.02904661	0.327091002	-0.08880284	0.929238601	0.994688009
<i>Wdr73</i>	0.164120242	0.134752689	1.217936676	0.223248037	0.892500173
<i>Nmb</i>	0.305801756	0.328315885	0.931425405	0.351633555	0.923082865
<i>Sec11a</i>	0.187799334	0.129315482	1.452257159	0.146430115	0.843780493
<i>Zfp592</i>	0.016199798	0.259958313	0.062316908	0.950310464	0.99573416
<i>Alpk3</i>	-0.371042376	0.975885122	-0.38021112	0.703788705	0.988585656
<i>Pde8a</i>	-0.035847659	0.2273621	-0.157667699	0.874718654	0.992886758
<i>Rps17</i>	0.369727278	0.141545294	2.612077503	0.008999385	0.475600561
<i>Cpeb1</i>	-0.269076578	0.214093952	-1.25681541	0.208820485	0.884258007

2900076A07Rik	0.49276412	0.299114204	1.6474113	0.099473534	0.788783372
Mir1839	-1.835559076	2.160935889	-0.849427827	0.395643275	0.934066368
Fsd2	-0.22235551	0.350257	-0.634835308	0.525535833	0.965637248
Whamm	-0.221738646	0.213587092	-1.038165011	0.299193239	0.910105802
Homer2	-0.114211002	0.259235722	-0.440568146	0.659525668	0.979924124
Fam103a1	0.084258904	0.087388333	0.964189386	0.334950985	0.918190441
3110040N11Rik	0.063989687	0.163665186	0.390979222	0.695812594	0.98718563
Btbd1	-0.026089406	0.101319583	-0.25749618	0.796795764	0.990988839
Tm6sf1	0.135525216	0.129096424	1.049798375	0.293810823	0.907334416
Hdgfrp3	-0.058031074	0.170554544	-0.340249357	0.733668751	0.988585656
Bnc1	-0.191879982	0.283964806	-0.675717474	0.499220039	0.960700483
Gm20744	1.737134689	1.607026694	1.080961937	0.279714045	0.903083096
Sh3gl3	-0.411936758	0.595224009	-0.692070132	0.488893288	0.958560421
Adamts13	0.078070344	0.412939596	0.18905996	0.850045823	0.992886758
Saxo2	-0.300565863	0.163656846	-1.836561506	0.066274654	0.738254074
Eftud1	-0.435614918	0.276810518	-1.573693518	0.115558321	0.810389074
Mex3b	-0.013020313	0.388871634	-0.03348229	0.973289989	0.997107714
Tmc3	-0.810287037	0.705612316	-1.148345938	0.250825782	0.896939594
Stard5	0.06263434	0.175111158	0.357683318	0.720580318	0.988585656
Il16	0.288591157	0.167681453	1.721067843	0.085238514	0.761635307
1700026D08Rik	-0.341186482	0.167412184	-2.038002698	0.041549663	0.679118604
Mesdc1	-0.114293222	0.121042542	-0.944240097	0.345046969	0.92132235
Mesdc2	0.053774512	0.096837001	0.555309557	0.578682943	0.971613657
Cemip	-0.173331321	1.886716701	-0.091869289	0.926801892	0.994688009
Abhd17c	-0.164584389	0.126961075	-1.296337388	0.194859273	0.879588734
Arnt2	0.355733805	1.156096573	0.307702499	0.758308718	0.989266039
Gm2115	-0.620838609	0.894139952	-0.694341649	0.487467978	0.958288569
Fah	-0.13650158	0.248387589	-0.549550727	0.582627562	0.972086107
Zfand6	0.113376147	0.112055528	1.011785397	0.311640674	0.914819219
2610206C17Rik	1.321852287	2.13675027	0.618627411	0.53616184	0.96674935
Folh1	1.774907439	1.355556928	1.309356621	0.190413578	0.877513044
Nox4	0.030192382	0.125866311	0.239876594	0.810425926	0.991438232
Tyr	-3.004699235	1.55093658	-1.937345004	0.052703184	0.707153766
Ctsc	-0.293652273	0.138981897	-2.112881463	0.034610915	0.674795441
Rab38	-0.139320041	0.215222601	-0.647329977	0.517418404	0.964352198
Tmem135	-0.251102132	0.151954884	-1.652478192	0.098437107	0.786907305
Fzd4	-0.3694083	0.286465975	-1.289536391	0.197211673	0.879755417
Prss23	-0.133081153	0.156867038	-0.848369133	0.396232428	0.934066368
Me3	0.078461224	0.281002621	0.279218835	0.78007689	0.990988839
Ccdc81	-0.104490285	0.375717969	-0.278108298	0.780929226	0.990988839
I7Rn6	0.190981549	0.15374026	1.242235114	0.214149828	0.886067976
Eed	0.149745454	0.115193916	1.299942393	0.193620714	0.879588734
E230029C05Rik	0.064475325	0.862567961	0.07474811	0.940415128	0.994688009
2310010J17Rik	0.277010068	0.303218933	0.913564549	0.360945701	0.926101223
Picalm	-0.140992448	0.111453287	-1.265036249	0.205858334	0.883765092
Ccdc83	-0.389871518	0.455668103	-0.855604146	0.392216776	0.933734231
Syt12	-0.261934923	0.238937807	-1.096247292	0.272970569	0.898826892
Ccdc89	2.039896424	0.670275416	3.043370495	0.002339441	0.31402518
Crebzf	0.092664541	0.164938402	0.561813012	0.574243426	0.971613657
Tmem126a	0.351148377	0.221531135	1.585097173	0.112944258	0.804555365
Tmem126b	0.04685527	0.165245855	0.283548835	0.776756152	0.990861469
Dlg2	0.175056503	1.181259703	0.148194764	0.882189064	0.992886758
Ccdc90b	0.348158413	0.25943667	1.341978422	0.179602992	0.868087032
Ankrd42	-0.275860297	0.290252741	-0.950414098	0.341901883	0.919850248
Pcf11	-0.076742525	0.138154186	-0.555484618	0.578563229	0.971613657
4632427E13Rik	0.643234301	0.624654205	1.029744609	0.303129909	0.911623139
Rab30	0.006478689	0.286172763	0.022639082	0.981938169	0.997390438
Ddias	0.239023624	0.628249671	0.380459609	0.703604273	0.988585656
Prp	-0.142711568	0.131703503	-1.083582172	0.278550099	0.901682903
Fam181b	0.235038723	0.442919624	0.530657731	0.595655982	0.974001549
Tenm4	-2.127704511	1.777119412	-1.197277176	0.231198537	0.895404344
Nars2	0.041613674	0.179282638	0.232112123	0.816450929	0.992676801

<i>Gab2</i>	-0.186275799	0.215465068	-0.864528993	0.38729736	0.932858077
<i>Usp35</i>	-0.02089955	0.343226811	-0.060891368	0.951445724	0.996023481
<i>Kctd21</i>	-0.372644151	0.266151031	-1.400122892	0.161476521	0.857374685
<i>Alg8</i>	-0.372690585	0.418204956	-0.891167308	0.37283942	0.928840865
<i>Ndufc2</i>	0.144476107	0.15274325	0.945875562	0.34421206	0.920669678
<i>Thrsp</i>	-0.344768804	0.479787188	-0.718586932	0.472395467	0.955003345
<i>Kctd14</i>	-0.19801775	0.224176341	-0.883312435	0.377067487	0.928883222
<i>Ints4</i>	0.065402737	0.199695371	0.327512536	0.743280263	0.988585656
<i>Aamdc</i>	0.127247394	0.170441487	0.746575239	0.45532	0.951224746
<i>Rsf1</i>	-0.191037348	0.167966958	-1.137350768	0.255391679	0.897044747
<i>Clns1a</i>	0.037621265	0.153897229	0.244457064	0.806876851	0.99099448
<i>Aqp11</i>	-0.055023774	0.331763858	-0.165852225	0.868273246	0.992886758
<i>Pak1</i>	0.055276872	0.265676126	0.208061117	0.835181247	0.992886758
<i>Myo7a</i>	-0.08038073	0.303848617	-0.264542032	0.791362281	0.990988839
<i>Capn5</i>	0.290085986	0.262326649	1.105819737	0.268804551	0.89804647
<i>Omp</i>	0.065059047	1.886710297	0.034482796	0.972492161	0.996790728
<i>Gm16938</i>	0.110016838	0.588432993	0.186965788	0.851687457	0.992886758
<i>B3gnt6</i>	-1.058994189	1.451912543	-0.729378773	0.465769999	0.953083512
<i>Acer3</i>	0.232134581	0.143194478	1.621114059	0.104993179	0.793869912
<i>Tsku</i>	-0.293827986	0.344651431	-0.852536679	0.39391629	0.933796635
<i>Lrrc32</i>	0.047257349	0.280448857	0.16850612	0.866185129	0.992886758
<i>2210018M11Rik</i>	-0.305089811	0.258698459	-1.179325968	0.238268402	0.896609492
<i>Prkrir</i>	-0.084422413	0.145366974	-0.580753739	0.561406438	0.96944293
<i>Wnt11</i>	-0.228779177	0.20749012	-1.102602751	0.270199715	0.89804647
<i>Uvrag</i>	-0.120756505	0.158764681	-0.760600561	0.446895685	0.948476747
<i>Dgat2</i>	-0.185888823	0.236483103	-0.786055411	0.431835025	0.9459793
<i>Mogat2</i>	-1.465494938	1.675698288	-0.874557758	0.38181458	0.930635634
<i>Gm26705</i>	0.318726208	1.585284982	0.201052941	0.840657178	0.992886758
<i>Map6</i>	-0.047351138	0.216008395	-0.21920971	0.826486692	0.992886758
<i>Serpinh1</i>	-0.316370989	0.114590382	-2.760886072	0.005764478	0.423948802
<i>Gdpd5</i>	0.196111964	0.332148771	0.590434109	0.554899649	0.968926429
<i>Klhl35</i>	-2.070468762	1.704336902	-1.214823641	0.224433362	0.892989918
<i>Rps3</i>	0.419047623	0.288314378	1.45343991	0.146101652	0.843494228
<i>Snord15b</i>	-0.3509024	1.101266775	-0.318635238	0.750003129	0.988585656
<i>Arrb1</i>	-0.129537731	0.125871825	-1.029124119	0.303421354	0.911786415
<i>Gm4980</i>	0.326120758	0.407292	0.800705041	0.423302424	0.943509323
<i>Slco2b1</i>	-0.249675402	0.267311227	-0.934025125	0.350290933	0.922338606
<i>Neu3</i>	-0.195827858	0.250976848	-0.780262639	0.435236299	0.946762848
<i>Spcs2</i>	0.087640416	0.111269048	0.787644164	0.430904874	0.945321484
<i>Xrra1</i>	-1.049390337	0.677863502	-1.548085027	0.121601826	0.816233249
<i>Rnf169</i>	0.207843591	0.296330728	0.701390611	0.483059279	0.957463006
<i>Pold3</i>	-0.032845197	0.135013024	-0.243274286	0.807792923	0.99099448
<i>Lipt2</i>	-0.032650471	0.269144123	-0.121312219	0.903443742	0.994688009
<i>Kcne3</i>	0.294829862	0.252822058	1.166155615	0.243551534	0.896939594
<i>Pgm2l1</i>	0.183965721	0.204802979	0.898257058	0.36904852	0.928436166
<i>P4ha3</i>	1.564122291	1.518845232	1.029810186	0.303099118	0.911623139
<i>Ppme1</i>	-0.250466281	0.225677903	-1.109839631	0.267068138	0.897760242
<i>C2cd3</i>	-0.180527119	0.30287593	-0.596043137	0.551146409	0.968926429
<i>Ucp3</i>	0.184932648	0.361821117	0.511116237	0.609269667	0.974001549
<i>Ucp2</i>	0.001323131	0.191648539	0.006903944	0.994491493	0.999285699
<i>Dnajb13</i>	-0.266920814	0.238910464	-1.117242041	0.263890849	0.897248195
<i>Coa4</i>	0.415174989	0.214880366	1.932121562	0.053344504	0.707153766
<i>Mrpl48</i>	0.28042182	0.17543967	1.598394592	0.109955187	0.798948974
<i>Rab6a</i>	-0.213080658	0.099012353	-2.152061349	0.031392523	0.661395937
<i>Plekhh1</i>	0.084346544	0.117575685	0.717380846	0.473139135	0.955584198
<i>Fam168a</i>	-0.22048205	0.168129447	-1.311382708	0.189728498	0.876293406
<i>Relt</i>	-0.086382537	0.26106877	-0.330880392	0.740734833	0.988585656
<i>Arhgef17</i>	-0.045729842	0.222228299	-0.205778662	0.83696381	0.992886758
<i>P2ry6</i>	-0.358531641	0.377998654	-0.948499781	0.342875084	0.919850248
<i>P2ry2</i>	0.239158981	0.269464686	0.887533667	0.374791649	0.928883222
<i>Fchsd2</i>	-0.129838143	0.159156313	-0.815790091	0.414620202	0.943415794
<i>Atg16l2</i>	0.265203797	0.24866703	1.066501646	0.286196935	0.905916508

<i>Stard10</i>	0.239347933	0.127103146	1.883099988	0.059686819	0.725079384
<i>Arap1</i>	-0.325297117	0.144946839	-2.244251192	0.024816244	0.627796923
<i>Pde2a</i>	0.24178852	0.474472179	0.509594726	0.610335419	0.974001549
<i>Art2b</i>	0.827623941	0.971396446	0.851993997	0.394217424	0.933796635
<i>Clpb</i>	-0.016932663	0.183509422	-0.092271357	0.926482445	0.994688009
<i>Inpp1</i>	0.177058751	0.157393447	1.1249436	0.260612935	0.897248195
<i>Folr2</i>	-0.1722451	0.25093107	-0.686423965	0.492445796	0.958916246
<i>Folr1</i>	-0.378067865	0.642910626	-0.588056643	0.556494274	0.968926429
<i>Anapc15</i>	0.301989545	0.229895216	1.313596473	0.188982036	0.87553356
<i>Tomt</i>	0.436355312	0.367931864	1.185967714	0.23563505	0.896002526
<i>Lamtor1</i>	0.129743777	0.145741497	0.890232219	0.373341208	0.928840865
<i>Lrrc51</i>	0.018033262	0.197623808	0.091250452	0.927293588	0.994688009
<i>Numa1</i>	0.280284741	0.165437369	1.694204535	0.090226423	0.769347579
<i>Il18bp</i>	-0.412125084	0.2244909	-1.835820891	0.066384151	0.738254074
<i>Rnf121</i>	0.037583007	0.132032579	0.284649498	0.775912685	0.990861469
<i>Xndc1</i>	1.222764457	0.591726184	2.066436285	0.038787303	0.679118604
<i>Art5</i>	-0.309517638	1.062135636	-0.291410652	0.770737269	0.989990452
<i>Art1</i>	-0.402530237	0.568308341	-0.708295494	0.478761775	0.957463006
<i>Chrna10</i>	0.608930946	1.635756291	0.372262634	0.709697316	0.988585656
<i>Nup98</i>	-0.23309101	0.17429372	-1.337346006	0.18110972	0.868087032
<i>Pgap2</i>	-0.16734721	0.099841995	-1.676120452	0.093714602	0.775558829
<i>Rhog</i>	-0.298893489	0.17192349	-1.738526179	0.082118141	0.76099108
<i>Stim1</i>	-0.365630256	0.161658627	-2.261742926	0.023713291	0.622011301
<i>Rrm1</i>	-0.130002798	0.172647114	-0.752997227	0.45145158	0.949134998
<i>Trim21</i>	0.183734948	0.148006558	1.241397347	0.214458999	0.886400046
<i>Olfr550</i>	-1.162481686	0.80848282	-1.437855768	0.150474982	0.849879783
<i>Trim68</i>	0.137334595	0.187382109	0.732911997	0.463612105	0.953083512
<i>Olfr558</i>	-3.921387927	3.814358776	-1.028059539	0.303921821	0.911786415
<i>Trim6</i>	0.691846102	0.783489628	0.883031603	0.377219197	0.928883222
<i>Trim34a</i>	0.155688843	0.138431078	1.124666839	0.260730239	0.897248195
<i>Trim12a</i>	0.192380021	0.143094091	1.344430224	0.178809306	0.867377413
<i>Gm15133</i>	0.093248539	0.589548222	0.158169486	0.874323248	0.992886758
<i>Trim34b</i>	0.721697457	1.510752288	0.47770734	0.632858519	0.977034429
<i>Trim12c</i>	0.074004414	0.158594289	0.466627231	0.640766601	0.977921835
<i>Trim30b</i>	0.599864616	0.519191473	1.155382257	0.247933924	0.896939594
<i>Trim30a</i>	0.181163166	0.132536396	1.366893713	0.171658623	0.862444803
<i>Trim30d</i>	0.131360375	0.177607903	0.739608841	0.459537376	0.952865981
<i>Fam160a2</i>	-0.042801606	0.244362442	-0.175156237	0.860956871	0.992886758
<i>Prkcdbp</i>	0.119287388	0.119701654	0.996539175	0.318988242	0.91640698
<i>Smpd1</i>	-0.370094499	0.127905865	-2.893491234	0.003809849	0.376754331
<i>Apb1</i>	-0.143622093	0.132883535	-1.080811797	0.27978084	0.90312016
<i>Hpx</i>	-0.475248954	0.452673568	-1.049871226	0.293777322	0.907334416
<i>Trim3</i>	-0.070996095	0.133195356	-0.5330223	0.594018143	0.974001549
<i>Arfp2</i>	0.096490313	0.12343351	0.781718944	0.434379766	0.946762848
<i>Timm10b</i>	0.152340993	0.169817724	0.897085351	0.369673375	0.928436166
<i>Rrp8</i>	-0.096383842	0.161820975	-0.595620205	0.551428976	0.968926429
<i>Ilk</i>	-0.060965767	0.121287846	-0.502653561	0.615207865	0.974001549
<i>Taf10</i>	0.146958172	0.150390102	0.97717982	0.328480136	0.917115058
<i>Tpp1</i>	-0.302063576	0.188382857	-1.603455753	0.108834071	0.798400564
<i>Dchs1</i>	0.507840109	0.411975649	1.232694482	0.217689771	0.887633697
<i>Mrpl17</i>	0.105033185	0.162562643	0.646108994	0.518208771	0.96446859
<i>Gm4759</i>	0.285496637	1.930140311	0.147914965	0.882409877	0.992886758
<i>Gm1966</i>	-0.34277999	0.268052494	-1.278779335	0.200974773	0.881109608
<i>Syt9</i>	-0.118984527	0.659067234	-0.180534733	0.85673279	0.992886758
<i>Olfr1</i>	0.000983373	0.140390009	0.007004582	0.994411198	0.999285699
<i>Ppfbp2</i>	-0.054301253	0.172857721	-0.314138431	0.753415902	0.988585656
<i>Cyb5r2</i>	1.030917082	1.778660192	0.579603168	0.562182256	0.969658675
<i>Nlrp10</i>	0.40997475	0.818631107	0.500805243	0.616508196	0.974001549
<i>Elf3f</i>	0.046493357	0.118776219	0.39143658	0.695474558	0.98715859
<i>Tub</i>	-0.052766303	1.034843566	-0.050989642	0.959333775	0.996367077
<i>Ric3</i>	-0.080731904	0.251535129	-0.320956777	0.748243147	0.988585656
<i>Lmo1</i>	0.532798635	0.304386176	1.750403524	0.080048708	0.75659671

Stk33	-0.230192885	0.148867063	-1.546298289	0.122032545	0.816233249
Trim66	2.160713766	1.710699349	1.263058741	0.20656807	0.883765092
Rpl27a	0.180934327	0.186407849	0.970636846	0.331729151	0.917115058
Snora3	0.032398456	0.924386571	0.035048601	0.972040986	0.996750504
St5	-0.050533718	0.197575431	-0.255769239	0.798129028	0.990988839
Akip1	0.043146748	0.151808197	0.284218828	0.776242688	0.990861469
BC051019	-0.057812737	0.158485215	-0.36478316	0.715273276	0.988585656
Tmem9b	0.013924477	0.099361782	0.140139159	0.888550042	0.992886758
Nrip3	-0.454706423	0.801648757	-0.567214032	0.570568776	0.971613657
Scube2	-0.168836169	0.353508756	-0.477601093	0.632934153	0.977034429
Dennd5a	-0.234667392	0.147325518	-1.592849593	0.111193937	0.800468873
Tmem41b	-0.09628997	0.130705651	-0.736693247	0.461308915	0.953083512
1600010M07Rik	0.274286455	0.321819432	0.852299233	0.394048031	0.933796635
Ipo7	-0.172642586	0.130388063	-1.324067412	0.185480657	0.871716376
Zfp143	0.281364069	0.238206189	1.181178667	0.237531754	0.896609492
Wee1	-0.451568765	0.230328043	-1.960546179	0.049931986	0.707153766
Swap70	-0.169261487	0.143681419	-1.178033234	0.238783357	0.896609492
Sbf2	-0.231919554	0.225349028	-1.02915711	0.303405853	0.911786415
Adm	0.136607236	0.229884808	0.59424212	0.552350185	0.968926429
Ampd3	-0.277161791	0.267564656	-1.035868471	0.300263509	0.910285132
Rnf141	0.118782376	0.123439932	0.962268639	0.335914678	0.918908218
Lyve1	-0.571114454	0.267190204	-2.137482762	0.032558746	0.665167506
Mrv1	0.032938027	0.404085943	0.081512429	0.935034441	0.994688009
Ctr9	-0.257605973	0.203899361	-1.263397646	0.20644631	0.883765092
Eif4g2	-0.225986567	0.064081733	-3.526536434	0.000421033	0.139568962
1700012D14Rik	0.657681181	0.600379199	1.095442984	0.273322611	0.89897004
Galnt18	-0.180349521	0.146329934	-1.232485493	0.217767782	0.887633697
Usp47	-0.028681704	0.187312225	-0.153122435	0.878301724	0.992886758
Dkk3	0.003969695	0.135149278	0.029372667	0.976567372	0.997262526
Mical2	-0.251284812	0.25393929	-0.989546798	0.322395685	0.91640698
Micalcl	0.493976569	0.369552736	1.336687624	0.181324623	0.868178042
Parva	-0.12399684	0.116999518	-1.059806417	0.289232677	0.907334416
Tead1	-0.295675793	0.250592595	-1.179906344	0.238037466	0.896609492
Rassf10	-0.097447738	0.494379482	-0.197111211	0.843740511	0.992886758
Arntl	0.327460612	0.291783739	1.122271628	0.261746966	0.897248195
Btbd10	0.165271487	0.179730728	0.919550537	0.357807685	0.924354588
Far1	-0.079357059	0.102757923	-0.772271929	0.439953388	0.947849924
Far1os	-0.46115608	1.215394852	-0.379429022	0.704369303	0.988585656
Spon1	0.027043695	0.163904981	0.164996176	0.868946992	0.992886758
Rras2	0.06574598	0.13959409	0.470979681	0.637655245	0.977468848
Copb1	-0.145518738	0.120923205	-1.203397959	0.228822357	0.895404344
Psmal1	0.064768625	0.102362515	0.632737728	0.526904928	0.965637248
Pde3b	-0.098135449	0.23505213	-0.41750504	0.676309039	0.983549699
Cyp2r1	0.318917369	0.371110643	0.859359264	0.390142337	0.933734231
Calca	-0.129498975	0.406822503	-0.318318121	0.75024364	0.988585656
Calcb	0.778993219	0.405883435	1.919253538	0.054952255	0.711503145
Insc	0.726281609	0.714881865	1.015946332	0.309654944	0.9139204
Sox6	-0.451193252	0.411555554	-1.096311901	0.272942303	0.898826892
1110004F10Rik	0.279449658	0.137359983	2.034432822	0.041907975	0.679118604
Plekha7	-0.311278758	0.342645075	-0.908458289	0.363636142	0.926455466
Rps13	0.347436089	0.26124969	1.329900483	0.183551062	0.869657049
Pik3c2a	-0.255964342	0.125716416	-2.036045483	0.041745788	0.679118604
Nucb2	-0.009379409	0.155946721	-0.06014496	0.952040182	0.996023481
Xylt1	0.375753676	1.550665738	0.242317649	0.808534039	0.991020605
Rps15a	0.278321265	0.241181544	1.153990724	0.248503972	0.896939594
Arl6ip1	-0.029922343	0.075617599	-0.395706063	0.692321882	0.986599035
Smg1	-0.080404974	0.166611154	-0.482590584	0.629386466	0.977034429
Syt17	-0.286409222	0.637601233	-0.449198037	0.653288803	0.979004493
Itpril2	-0.039551851	0.155513375	-0.254330865	0.799239956	0.990988839
Coq7	0.189141857	0.129966217	1.455315558	0.145581921	0.842832198
Tmc7	-0.654266678	0.564247453	-1.159538558	0.246236729	0.896939594
Tmc5	-0.47693347	0.345610116	-1.379975434	0.167594209	0.860403806

<i>Gde1</i>	-0.057103231	0.110859278	-0.515096544	0.606485558	0.974001549
<i>Ccp110</i>	-0.107785686	0.193583818	-0.556790783	0.577670382	0.971613657
<i>9030624J02Rik</i>	-0.090085847	0.183150091	-0.49186897	0.622811975	0.975486913
<i>Knop1</i>	-0.170226616	0.165854383	-1.026361877	0.304721041	0.912429485
<i>lqck</i>	-0.195310192	0.22950653	-0.851000588	0.394769026	0.933796635
<i>Gprc5b</i>	-0.127393169	0.216170964	-0.589316746	0.555648813	0.968926429
<i>Gp2</i>	-0.300134196	0.587740941	-0.510657289	0.609591053	0.974001549
<i>Acsn5</i>	1.37274155	1.181299218	1.162060831	0.245210756	0.896939594
<i>Acsn1</i>	0.458583414	0.26390868	1.737659459	0.082270836	0.76099108
<i>Thumpd1</i>	0.052039055	0.220691114	0.235800407	0.813587552	0.992048071
<i>Acsn3</i>	-0.997746138	0.5511494	-1.810300687	0.070249171	0.744227652
<i>Eri2</i>	-0.250623952	0.213534638	-1.173692259	0.240518312	0.896939594
<i>2610020H08Rik</i>	0.023806041	0.313527593	0.075929651	0.939475067	0.994688009
<i>Dcun1d3</i>	-0.152613241	0.144321996	-1.057449628	0.290306432	0.907334416
<i>Lym1</i>	0.226360592	0.212151687	1.066975214	0.285983029	0.905916508
<i>Tmem159</i>	0.2506846	0.104449557	2.400054218	0.016392644	0.564647031
<i>Crym</i>	0.123994631	0.279393802	0.443798789	0.657188064	0.979614766
<i>Abca14</i>	-0.058290266	0.637979147	-0.091367039	0.927200951	0.994688009
<i>E130201H02Rik</i>	-0.810889487	1.06778792	-0.759410621	0.447606962	0.948476747
<i>Uqcrc2</i>	0.073438062	0.149627644	0.490805444	0.623564059	0.975691835
<i>BC030336</i>	-0.039905545	0.155951449	-0.255884416	0.798040089	0.990988839
<i>Vwa3a</i>	-0.372258922	0.242554538	-1.534743172	0.124846927	0.821400908
<i>Eef2k</i>	-0.098848298	0.255503744	-0.386876125	0.698847917	0.987770663
<i>Polr3e</i>	-0.076740952	0.209868623	-0.365661863	0.714617407	0.988585656
<i>Cdr2</i>	-0.247966619	0.134352325	-1.845644425	0.064943852	0.733798108
<i>4933427G17Rik</i>	0.529473622	1.505876945	0.35160484	0.725134635	0.988585656
<i>Mettl9</i>	0.122675495	0.123890523	0.99019273	0.322079925	0.91640698
<i>Igsf6</i>	0.39348479	0.223532474	1.760302575	0.078356518	0.754732183
<i>Usp31</i>	-0.235771697	0.251456488	-0.937624235	0.348437553	0.921552698
<i>Scnn1g</i>	-0.16486384	0.116872366	-1.410631498	0.158353299	0.855986074
<i>Scnn1b</i>	0.025064869	0.150300024	0.166765569	0.867554511	0.992886758
<i>Cog7</i>	0.130794026	0.204859328	0.638457754	0.523175746	0.965637248
<i>Gga2</i>	0.01264984	0.174306227	0.072572509	0.942146303	0.994688009
<i>Ears2</i>	-0.320671522	0.309103691	-1.037423787	0.299538397	0.910105802
<i>Ubfd1</i>	0.040567388	0.137148892	0.295790853	0.767389809	0.98990072
<i>Ndufab1</i>	0.081863011	0.146078437	0.560404481	0.575203576	0.971613657
<i>Palb2</i>	0.565477423	0.511539093	1.105443222	0.268967584	0.89804647
<i>Dctn5</i>	0.118869341	0.161571991	0.735705121	0.461910172	0.953083512
<i>Plk1</i>	-0.826608754	0.775625471	-1.065731832	0.286544884	0.906143389
<i>Ern2</i>	2.926666439	1.657560569	1.765646754	0.077455131	0.754090591
<i>Chp2</i>	0.175686892	0.36250882	0.484641703	0.627930526	0.976968316
<i>Prkcb</i>	0.183702421	0.347520224	0.528609295	0.597076511	0.974001549
<i>4930413G21Rik</i>	-0.049812772	0.230022504	-0.216556081	0.828554316	0.992886758
<i>Rbbp6</i>	0.037008321	0.138970344	0.266303733	0.790005298	0.990988839
<i>Tnrc6a</i>	-0.216186154	0.21826738	-0.990464787	0.321946992	0.91640698
<i>Slc5a11</i>	-0.188462909	2.001480711	-0.094161741	0.924980676	0.994688009
<i>Arhgap17</i>	-0.20735419	0.206460304	-1.004329578	0.315219782	0.91586731
<i>Lcmt1</i>	0.19087966	0.137000788	1.393274176	0.163536897	0.859982992
<i>Zkscan2</i>	-1.095654073	1.296187982	-0.845289486	0.39794923	0.935327115
<i>Kdm8</i>	-0.326550203	0.415304414	-0.786291193	0.431696911	0.945955639
<i>Nsmce1</i>	0.20844902	0.183621842	1.135208199	0.256288095	0.897248195
<i>Il4ra</i>	-0.012270303	0.121563675	-0.100937251	0.919600272	0.994688009
<i>Il21r</i>	0.077800187	0.331405101	0.234758567	0.814396128	0.992048071
<i>Gtf3c1</i>	-0.466949532	0.244637397	-1.908741415	0.056295458	0.717514394
<i>D430042O09Rik</i>	0.0325837	0.366686887	0.088859736	0.929193383	0.994688009
<i>Gsg1l</i>	-0.028782508	0.604490719	-0.047614475	0.962023496	0.996474415
<i>Xpo6</i>	-0.260194773	0.242468685	-1.073106715	0.283223239	0.905916508
<i>Sbk1</i>	-0.345403091	0.332154369	-1.039887245	0.298392289	0.909779403
<i>Lat</i>	0.517077531	0.233231629	2.217012904	0.02662221	0.633489138
<i>Spns1</i>	0.067009761	0.134774149	0.4972004	0.61904774	0.974471036
<i>Nfatc2ip</i>	-0.078103025	0.196341459	-0.397791811	0.690783654	0.986048673
<i>Cd19</i>	0.397879452	0.35602291	1.117566991	0.263751973	0.897248195

<i>Rabep2</i>	0.066002513	0.207685166	0.317800807	0.750636038	0.988585656
<i>Atp2a1</i>	1.354055167	0.896621726	1.510174389	0.130998932	0.827800491
<i>Sh2b1</i>	-0.03967304	0.138648794	-0.286140532	0.774770489	0.990861469
<i>Tufm</i>	-0.070126321	0.133849254	-0.523920149	0.60033408	0.974001549
<i>Atxn2l</i>	-0.104493596	0.218544827	-0.478133466	0.632555214	0.977034429
<i>Eif3c</i>	-0.189513898	0.160320382	-1.182094855	0.237168066	0.896609492
<i>Cln3</i>	0.031698209	0.230277986	0.137651929	0.890515512	0.993043931
<i>Apobr</i>	0.191873411	0.213261369	0.899710115	0.368274539	0.928436166
<i>Il27</i>	1.241907766	1.270083143	0.977816116	0.328165279	0.917115058
<i>Nupr1</i>	0.300520107	0.101129469	2.971637358	0.002962163	0.345591998
<i>Ccdc101</i>	0.181028426	0.173940347	1.040750056	0.297991565	0.909779403
<i>Sult1a1</i>	0.097836505	0.1781223	0.549265898	0.582822987	0.972086107
<i>Slx1b</i>	0.172945751	0.162709556	1.062910843	0.287822385	0.907334416
<i>Bola2</i>	0.298066953	0.276626638	1.077506327	0.281254126	0.904300139
<i>Coro1a</i>	0.570956924	0.151858649	3.759791946	0.000170055	0.079328099
<i>Mapk3</i>	-0.022237253	0.142533739	-0.156013961	0.876022017	0.992886758
<i>Gdpc3</i>	0.239328585	0.340694316	0.702473078	0.482384186	0.957463006
<i>Ypel3</i>	0.023213919	0.128962861	0.180004683	0.857148892	0.992886758
<i>Tbx6</i>	1.096792191	1.208514434	0.907554068	0.364113871	0.926556975
<i>Ppp4c</i>	0.080974353	0.099201618	0.816260408	0.414351214	0.943415794
<i>Aldoa</i>	-0.188453955	0.126803885	-1.486184387	0.137230356	0.833085238
<i>Fam57b</i>	0.06523097	0.576046031	0.113239162	0.909840949	0.994688009
<i>Doc2a</i>	-0.269748883	0.37028276	-0.728494307	0.466311052	0.953083512
<i>Ino80e</i>	0.152349697	0.190515989	0.799668822	0.423902701	0.943823729
<i>Hirip3</i>	0.704956085	0.269317978	2.617560445	0.00885608	0.475600561
<i>Taok2</i>	0.144382839	0.154731335	0.93311958	0.350758231	0.922338606
<i>Tmem219</i>	0.175039375	0.180269317	0.970988173	0.331554168	0.917115058
<i>Kctd13</i>	-0.026270604	0.348690592	-0.075340731	0.939943615	0.994688009
<i>Sez6l2</i>	0.461189749	1.455425519	0.316876228	0.75133752	0.988585656
<i>Cdipt</i>	-0.136220585	0.137471155	-0.990903035	0.32173293	0.91640698
<i>Mvp</i>	-0.048713912	0.171704641	-0.283707605	0.776634467	0.990861469
<i>Pagr1a</i>	0.029026946	0.123760378	0.234541508	0.814564613	0.992048071
<i>Prrt2</i>	-0.133741666	0.733609111	-0.182306441	0.855342244	0.992886758
<i>Maz</i>	-0.028072033	0.127242124	-0.220619021	0.825389089	0.992886758
<i>Kif22</i>	0.061144479	0.534871553	0.114316192	0.908987148	0.994688009
<i>Al467606</i>	-0.167619098	0.128971265	-1.299662352	0.193716719	0.879588734
<i>Qprt</i>	0.772598346	1.387676457	0.556756831	0.577693582	0.971613657
<i>Spn</i>	0.573510266	0.310607411	1.846415269	0.064831932	0.733548823
<i>Cd2bp2</i>	0.128616837	0.145819679	0.882026614	0.377762415	0.928883222
<i>Tbc1d10b</i>	-0.285520836	0.256929411	-1.111281246	0.266447309	0.89768067
<i>Mylpf</i>	-0.009078579	0.288773503	-0.031438407	0.974919912	0.997262526
<i>Sep-01</i>	0.111337101	0.27510153	0.404712765	0.685688658	0.98538669
<i>Gm4532</i>	-0.391958923	0.945268037	-0.414653736	0.678395405	0.983786595
<i>Zfp553</i>	0.000878169	0.451404259	0.001945415	0.998447784	0.999708875
<i>Zfp771</i>	-0.319831437	0.1760526	-1.816681135	0.069265952	0.743426713
<i>Dctpp1</i>	0.338650822	0.230431888	1.469635232	0.141660573	0.840741274
<i>Sephs2</i>	0.133235083	0.147155405	0.905403938	0.36525143	0.926556975
<i>Itgal</i>	-0.08483444	0.22700615	-0.373709875	0.708620178	0.988585656
<i>Zfp768</i>	-0.235166018	0.197236469	-1.192304947	0.233141695	0.89581803
<i>Zfp747</i>	0.01919574	0.20195655	0.095048859	0.924276018	0.994688009
<i>9130019O22Rik</i>	-0.183755212	0.25645626	-0.716516773	0.473672315	0.955974667
<i>E430018J23Rik</i>	0.192156686	0.245771316	0.781851558	0.434301816	0.946762848
<i>Zfp764</i>	0.310199299	0.203302953	1.525798295	0.127060105	0.824450458
<i>Zfp688</i>	0.245726603	0.2065795	1.189501395	0.234242423	0.89581803
<i>Zfp689</i>	-0.108097253	0.389843323	-0.277283838	0.781562168	0.990988839
<i>Prr14</i>	-0.121117437	0.170486401	-0.710422863	0.47744195	0.95716557
<i>Fhrs</i>	-0.434145692	0.202266033	-2.146409294	0.031840339	0.661395937
<i>1700008J07Rik</i>	0.04223401	0.449642333	0.09392801	0.925166343	0.994688009
<i>Srcap</i>	0.104708675	0.212446576	0.492870618	0.622104009	0.97514112
<i>Tmem265</i>	0.533528794	0.353376972	1.509800682	0.131094291	0.827800491
<i>Phkg2</i>	0.07425783	0.223432804	0.33234972	0.7396252	0.988585656
<i>Gm166</i>	-0.028586757	0.189163964	-0.151121581	0.879879809	0.992886758

<i>Rnf40</i>	0.024621173	0.206148839	0.119433963	0.904931556	0.994688009
<i>1700120K04Rik</i>	4.215307349	1.894672152	2.224821505	0.026093223	0.631530315
<i>Zfp629</i>	0.034870024	0.345629974	0.100888311	0.919639122	0.994688009
<i>Bcl7c</i>	0.369264241	0.161499829	2.286468314	0.022226876	0.618422027
<i>Ctf1</i>	-0.27181629	0.233836433	-1.162420614	0.245064654	0.896939594
<i>Fbxl19</i>	-0.184165271	0.314095971	-0.586334394	0.557650822	0.968926429
<i>Orai3</i>	-0.04481646	0.116816567	-0.383648155	0.701239243	0.988482081
<i>Setd1a</i>	-0.190982417	0.281108541	-0.679390306	0.49689059	0.960475196
<i>Hsd3b7</i>	0.102889303	0.113216197	0.908786074	0.363463059	0.926455466
<i>Stx1b</i>	-1.476005184	1.07578527	-1.372025836	0.170055395	0.861730117
<i>Stx4a</i>	-0.069163147	0.137165002	-0.504233193	0.614097518	0.974001549
<i>Zfp668</i>	-0.258264558	0.670803521	-0.385007756	0.700231669	0.988482081
<i>Zfp646</i>	0.255703578	0.281556487	0.908178604	0.363783866	0.926455466
<i>Prss53</i>	-0.246118604	0.489791211	-0.50249698	0.615317976	0.974001549
<i>Vkorc1</i>	-0.029627438	0.12909792	-0.229495862	0.818483536	0.992734473
<i>Bckdk</i>	-0.025240423	0.138811558	-0.181832289	0.855714344	0.992886758
<i>Kat8</i>	0.089543719	0.166622298	0.537405377	0.59098763	0.974001549
<i>Prss8</i>	-0.224267475	0.187141162	-1.198386673	0.230766518	0.895404344
<i>Prss36</i>	0.124267414	0.199572761	0.622667205	0.533503238	0.96674935
<i>Fus</i>	-0.099423419	0.314264927	-0.316368168	0.751723075	0.988585656
<i>Pycard</i>	0.347998971	0.203881045	1.70687261	0.087845733	0.7667678
<i>Trim72</i>	0.365127789	0.69078593	0.528568653	0.59710471	0.974001549
<i>Itgam</i>	-0.029079921	0.307987932	-0.094419027	0.924776302	0.994688009
<i>Itgax</i>	-0.45388043	0.275967626	-1.644687226	0.100034328	0.788783372
<i>Itgad</i>	0.421643091	0.926694732	0.45499675	0.649111577	0.979004493
<i>Cox6a2</i>	-0.117180824	0.215546741	-0.543644612	0.586686054	0.972963251
<i>9130023H24Rik</i>	-0.36547956	0.22311292	-1.638092315	0.101402438	0.788783372
<i>Armc5</i>	-0.02118663	0.220904821	-0.095908411	0.923593314	0.994688009
<i>Tgfb1i1</i>	-0.099973308	0.244716416	-0.408527182	0.682886679	0.984738223
<i>BC017158</i>	0.363270694	0.286994227	1.265777009	0.205592929	0.883765092
<i>Rgs10</i>	0.069389716	0.147862423	0.46928567	0.638865456	0.977795535
<i>Tial1</i>	0.137265561	0.136013878	1.009202612	0.312877474	0.914819219
<i>Bag3</i>	-0.210095387	0.169667495	-1.238277184	0.215613301	0.887633697
<i>Inpp5f</i>	-0.027078945	0.179011311	-0.151269461	0.879763158	0.992886758
<i>Mcmbp</i>	-0.209991703	0.144095398	-1.45731027	0.145030753	0.842729381
<i>Sec23ip</i>	0.014669895	0.185139541	0.079236961	0.936844147	0.994688009
<i>Wdr11</i>	-0.150908845	0.176027742	-0.857301487	0.391278287	0.933734231
<i>Fgfr2</i>	-0.051766302	0.16296286	-0.317657054	0.750745091	0.988585656
<i>Ate1</i>	-0.05994826	0.158037203	-0.379330051	0.704442786	0.988585656
<i>Nsmce4a</i>	0.089034689	0.097961984	0.908869801	0.363418856	0.926455466
<i>Tacc2</i>	-0.101618821	0.202244073	-0.50245636	0.615346542	0.974001549
<i>Btbd16</i>	-0.195219398	1.712674965	-0.113985083	0.909249618	0.994688009
<i>Plekha1</i>	-0.214445884	0.154856951	-1.384799863	0.166113673	0.860082
<i>Htra1</i>	0.235557253	0.129581602	1.817829452	0.069090204	0.743426713
<i>2310057M21Rik</i>	0.03679486	0.312674593	0.117677804	0.906322954	0.994688009
<i>Pstk</i>	0.365578105	0.236010126	1.548993301	0.12138333	0.816233249
<i>Ikzf5</i>	-0.04184905	0.118919362	-0.351911157	0.724904892	0.988585656
<i>Acadsb</i>	-0.006264594	0.112987296	-0.055445116	0.955783853	0.99614946
<i>Bub3</i>	0.007002599	0.133265299	0.052546304	0.958093401	0.996226826
<i>Cpxm2</i>	-0.248518249	0.483646393	-0.513842865	0.607361856	0.974001549
<i>Chst15</i>	-0.233131593	0.244199169	-0.954678074	0.339740521	0.919246575
<i>Gm10584</i>	2.785714193	1.832494058	1.520176385	0.128466651	0.826336015
<i>Oat</i>	-0.270777984	0.167455255	-1.617016939	0.105874624	0.79419908
<i>Lhpp</i>	0.012022265	0.211569821	0.056824101	0.954685315	0.996070133
<i>Fam53b</i>	-0.118284937	0.172811718	-0.684472897	0.493676598	0.958916246
<i>Mettl10</i>	0.417846422	0.14674216	2.847487204	0.004406587	0.385355746
<i>Fam175b</i>	-0.106775266	0.135928947	-0.785522648	0.432147197	0.9459793
<i>Zranb1</i>	-0.121188955	0.172671223	-0.701848012	0.482773953	0.957463006
<i>Ctbp2</i>	-0.08981326	0.111196851	-0.807696072	0.419265565	0.943415794
<i>4930483O08Rik</i>	0.271254178	1.634115104	0.165994536	0.86816125	0.992886758
<i>Edrf1</i>	-0.483074288	0.160466078	-3.010444905	0.002608653	0.327099208
<i>Uros</i>	0.228113891	0.217518635	1.048709645	0.294311774	0.907334416

<i>Bccip</i>	0.291691039	0.121987042	2.391164128	0.016795043	0.56772809
<i>Dhx32</i>	-0.108151808	0.155501241	-0.695504472	0.48673921	0.958288569
<i>Fank1</i>	-0.016805588	0.19995305	-0.08404767	0.93301853	0.994688009
<i>Adam12</i>	-1.399718899	0.975273256	-1.435206892	0.15122815	0.850827708
<i>D7Ertd443e</i>	0.941769802	1.764597234	0.533702413	0.59354744	0.974001549
<i>Dock1</i>	-0.128533973	0.196046962	-0.655628488	0.512063191	0.963452765
<i>Fam196a</i>	0.589793359	2.108719409	0.279692669	0.779713304	0.990988839
<i>Ptpre</i>	0.152421691	0.20671127	0.73736517	0.46090031	0.953083512
<i>5830432E09Rik</i>	0.633479121	0.547430999	1.15718533	0.24719665	0.896939594
<i>Mki67</i>	-0.350078356	0.483346337	-0.724280561	0.468893509	0.954315695
<i>Mgmt</i>	0.338787814	0.312383728	1.084524523	0.2781323	0.901362854
<i>9430038I01Rik</i>	0.42718252	0.213373105	2.002044821	0.045279911	0.693980041
<i>Glrx3</i>	-0.029664094	0.842051237	-0.035228372	0.971897639	0.996733101
<i>Tcerg1l</i>	-0.221372765	2.08126418	-0.106364568	0.915293104	0.994688009
<i>Mapk1ip1</i>	-0.328205241	0.327705594	-1.001524683	0.316573213	0.91640698
<i>Ppp2r2d</i>	0.012828364	0.140890233	0.091052191	0.927451121	0.994688009
<i>Bnip3</i>	0.037730829	0.195816769	0.192684361	0.847206172	0.992886758
<i>Stk32c</i>	0.093614333	0.729024714	0.128410369	0.897824226	0.994101834
<i>Lrrc27</i>	0.050285649	0.281770625	0.178463063	0.858359327	0.992886758
<i>Pwwp2b</i>	-0.026299475	0.137855519	-0.190775642	0.848701373	0.992886758
<i>Inpp5a</i>	0.090501409	0.154256956	0.58669256	0.557410205	0.968926429
<i>Nkx6-2</i>	-0.135612399	0.386875684	-0.350532237	0.725939302	0.988585656
<i>Cfap46</i>	-0.140186328	0.36715831	-0.381814394	0.702599041	0.988482081
<i>Kndc1</i>	0.276959055	0.39966102	0.692984908	0.488319023	0.958481967
<i>6430531B16Rik</i>	0.163985318	0.179257362	0.914803811	0.360294634	0.925913281
<i>Adam8</i>	-0.501762732	0.241782411	-2.075265652	0.037961921	0.679118604
<i>Tubgcp2</i>	-0.213388471	0.194235124	-1.098609084	0.271938614	0.89804647
<i>Zfp511</i>	-0.123651728	0.212379442	-0.582220797	0.560417967	0.968926429
<i>Fuom</i>	0.055404259	0.226188331	0.244947466	0.806497108	0.99099448
<i>Echs1</i>	0.031417905	0.16894044	0.185970304	0.852468049	0.992886758
<i>Paox</i>	-0.214106011	0.239810688	-0.892812628	0.371957523	0.928840865
<i>Mtg1</i>	0.002302537	0.183048001	0.012578871	0.989963778	0.998417328
<i>Cd163l1</i>	-1.56168818	1.768060978	-0.88327733	0.377086449	0.928883222
<i>5830411N06Rik</i>	0.14898613	2.161679877	0.068921458	0.945052138	0.99486515
<i>Cyp2e1</i>	-0.358050913	0.321742093	-1.112850699	0.265772557	0.89768067
<i>Syce1</i>	0.179096096	3.438908188	0.052079348	0.958465469	0.996226826
<i>Zfp941</i>	-1.850238777	1.087020907	-1.702118851	0.088733091	0.767814344
<i>Urah</i>	0.252624775	0.273544233	0.923524406	0.355733988	0.924354588
<i>Scgb1c1</i>	0.013601121	0.275510293	0.049367016	0.960626814	0.996474415
<i>Bet1l</i>	-0.054606355	0.127306744	-0.428935284	0.667970322	0.981863224
<i>Ric8</i>	0.12486778	0.094929509	1.315373704	0.188384339	0.874826736
<i>Sirt3</i>	0.264778186	0.162593288	1.628469351	0.103425403	0.790925787
<i>Psmc13</i>	0.148783659	0.127288542	1.168869226	0.242456324	0.896939594
<i>Cox8b</i>	0.175261052	0.349060047	0.502094278	0.615601205	0.974001549
<i>Nlrp6</i>	3.665342725	2.162306737	1.695107666	0.090054998	0.769347579
<i>Athl1</i>	-0.082207617	0.242688549	-0.338737105	0.734807786	0.988585656
<i>Ifitm5</i>	0.306194549	1.19031124	0.257239064	0.79699423	0.990988839
<i>Ifitm2</i>	0.121551081	0.106212438	1.144414757	0.252451671	0.897013805
<i>Ifitm1</i>	-0.089081425	0.208756858	-0.426723344	0.669580845	0.981863224
<i>Ifitm3</i>	0.06433747	0.122760198	0.524090633	0.600215503	0.974001549
<i>Ifitm6</i>	0.733817506	0.358780816	2.045308647	0.040824439	0.679118604
<i>B4galnt4</i>	-0.012679555	1.191796364	-0.010639028	0.991511444	0.998770784
<i>Pkp3</i>	0.24922247	0.220607001	1.129712424	0.25859742	0.897248195
<i>Sigirr</i>	0.022325798	0.177467343	0.125802287	0.899888432	0.994508803
<i>Ano9</i>	0.159445189	0.349630888	0.456038625	0.648362203	0.979004493
<i>Ptdss2</i>	0.144671323	0.131828627	1.097419634	0.272457995	0.898460682
<i>Rnh1</i>	0.009315776	0.126096419	0.073878198	0.941107304	0.994688009
<i>Hras</i>	0.086662655	0.145454127	0.595807469	0.551303854	0.968926429
<i>Lrrc56</i>	0.035350585	0.22872274	0.154556494	0.877170971	0.992886758
<i>Lmntd2</i>	1.012389624	0.953041097	1.062272789	0.288111864	0.907334416
<i>Rassf7</i>	-0.042861669	0.137037885	-0.312772408	0.754453579	0.98902053
<i>Phrf1</i>	-0.016995644	0.209774449	-0.081018655	0.935427117	0.994688009

<i>Irf7</i>	0.016466117	0.219801288	0.074913649	0.940283416	0.994688009
<i>Deaf1</i>	-0.224832155	0.212695741	-1.057059977	0.290484216	0.907334416
<i>Tmem80</i>	0.037235531	0.138377912	0.269085798	0.787863659	0.990988839
<i>Eps8l2</i>	0.103053967	0.295407713	0.348853339	0.727199417	0.988585656
<i>Taldo1</i>	0.146123136	0.105329935	1.387289717	0.165353438	0.860011234
<i>Pddc1</i>	0.020445297	0.148353439	0.137814785	0.890386799	0.993043931
<i>Cend1</i>	0.120099702	1.279934359	0.093832704	0.925242052	0.994688009
<i>Slc25a22</i>	-0.216201828	0.316145016	-0.683869167	0.494057785	0.958916246
<i>Pidd1</i>	0.467253015	1.090877086	0.42832783	0.66841246	0.981863224
<i>Rplp2</i>	0.257073799	0.156385465	1.643847132	0.100207783	0.788783372
<i>Pnpla2</i>	-0.275310658	0.233358838	-1.179773862	0.238090168	0.896609492
<i>Cracr2b</i>	0.137143568	0.097059153	1.412989534	0.157658802	0.855986074
<i>Cd151</i>	0.047125821	0.111807641	0.421490167	0.67339719	0.983375962
<i>Polr2l</i>	0.1895435	0.161700002	1.17219232	0.241119851	0.896939594
<i>Tspan4</i>	-0.27718827	0.155936807	-1.777567951	0.075474841	0.752876039
<i>Chid1</i>	0.080146858	0.15126699	0.529837064	0.596224905	0.974001549
<i>Ap2a2</i>	0.06123416	0.152485658	0.40157324	0.687998127	0.98538669
<i>Muc5ac</i>	-0.148956748	0.856452631	-0.173922926	0.861926035	0.992886758
<i>Muc5b</i>	-0.164387986	0.329211178	-0.499339015	0.617540574	0.974150208
<i>Tollip</i>	-0.144364289	0.112794795	-1.279884315	0.200585825	0.880888611
<i>Mob2</i>	0.195118135	0.122297889	1.595433387	0.110615355	0.800111791
<i>Dusp8</i>	-0.467124613	0.308779779	-1.512808302	0.130328359	0.827800491
<i>Ifitm10</i>	0.58874459	0.281515082	2.09134298	0.03649733	0.677009445
<i>Ctsd</i>	-0.242924025	0.168153931	-1.444652669	0.148555471	0.84832848
<i>Syt8</i>	-1.203300111	1.339374806	-0.898404319	0.368970034	0.928436166
<i>Tnni2</i>	0.675498814	0.332736221	2.030133096	0.042343012	0.68118841
<i>Lsp1</i>	0.130829839	0.142444031	0.91846487	0.358375543	0.924798085
<i>Prr33</i>	-0.217970769	1.103384762	-0.19754738	0.843399208	0.992886758
<i>Tnnt3</i>	-0.26100544	0.584836274	-0.446288048	0.655389188	0.979133069
<i>Mrpl23</i>	0.150771808	0.139632676	1.079774535	0.280242593	0.903192609
<i>H19</i>	-1.857881526	1.050095256	-1.76925047	0.076852085	0.752876039
<i>Igf2</i>	0.336793841	0.248720119	1.35410775	0.175702004	0.864843721
<i>Igf2os</i>	-0.549878533	1.597423913	-0.34422831	0.730674594	0.988585656
<i>Ascl2</i>	0.034822662	1.388499111	0.025079355	0.979991667	0.997296835
<i>Tspan32</i>	0.048197174	0.240831604	0.200128111	0.841380388	0.992886758
<i>R74862</i>	-0.08551247	0.326997006	-0.261508417	0.793700459	0.990988839
<i>Cd81</i>	-0.003194296	0.090835369	-0.035165774	0.971947553	0.996733101
<i>Tssc4</i>	0.208103301	0.124997015	1.664866161	0.095939461	0.780081462
<i>Kcnq1</i>	-0.141328817	0.224492997	-0.629546664	0.528991229	0.965637248
<i>Kcnq1ot1</i>	0.722887095	0.50503581	1.431358095	0.152327612	0.852974739
<i>4933417O13Rik</i>	1.266778282	1.746291709	0.725410466	0.468200254	0.953657709
<i>Cdkn1c</i>	-0.028572773	0.127092579	-0.224818578	0.822120413	0.992886758
<i>Slc22a18</i>	-0.40387698	0.239413724	-1.686941638	0.091614575	0.772516176
<i>Phlda2</i>	0.305766813	0.438697887	0.696987203	0.485810803	0.957710647
<i>Nap1l4</i>	0.097254914	0.089037629	1.092290022	0.274705645	0.900302631
<i>Cars</i>	0.075516305	0.1285564	0.587417702	0.556923208	0.968926429
<i>Tnfrsf26</i>	-0.650389171	0.506493498	-1.28410172	0.199106366	0.88073954
<i>Tnfrsf22</i>	-0.88536151	0.702117032	-1.260988511	0.207312987	0.883765092
<i>Tnfrsf23</i>	0.082181965	0.808922058	0.101594417	0.919078611	0.994688009
<i>Osbpl5</i>	-0.365751746	0.159188455	-2.297602215	0.021584439	0.60865137
<i>Mrgpre</i>	-0.634797283	0.540312627	-1.174870346	0.240046591	0.896939594
<i>Nadsyn1</i>	0.069800597	0.274277487	0.254488978	0.799117818	0.990988839
<i>Dhcr7</i>	-0.09847296	0.245986488	-0.400318573	0.68892189	0.98538669
<i>Shank2</i>	-0.249257418	0.617144153	-0.403888486	0.686294723	0.98538669
<i>Cttn</i>	-0.043079887	0.115497455	-0.372994257	0.709152718	0.988585656
<i>Ppfia1</i>	-0.235250706	0.136983656	-1.717363315	0.08591281	0.763596872
<i>Fadd</i>	0.146708073	0.202166589	0.725679123	0.468035503	0.953657709
<i>Ano1</i>	-0.06782122	0.21713167	-0.31235066	0.754774043	0.98902053
<i>Oraov1</i>	0.03808255	0.156407631	0.243482686	0.807631497	0.99099448
<i>Ccnd1</i>	-0.113151414	0.139805109	-0.809351067	0.41831324	0.943415794
<i>1810010D01Rik</i>	1.227768514	0.434632244	2.824844522	0.004730356	0.391906015
<i>Tpcn2</i>	0.306002707	0.217186191	1.408941817	0.158852373	0.855986074

<i>Mrgprf</i>	-0.610177251	0.526698321	-1.158494771	0.246662184	0.896939594
<i>Insr</i>	-0.170619242	0.198703253	-0.858663556	0.390526163	0.933734231
<i>A430078G23Rik</i>	-0.85603783	0.691092788	-1.238672786	0.215466701	0.887633697
<i>Arhgef18</i>	-0.006581111	0.182313075	-0.036097853	0.971204334	0.996733101
<i>Pex11g</i>	-0.286948033	0.258208311	-1.111304407	0.266437343	0.89768067
<i>Zfp358</i>	-0.523970565	0.293634726	-1.784429831	0.074353847	0.751093915
<i>Mcoln1</i>	0.278197044	0.177116717	1.570698965	0.11625259	0.812176308
<i>Pnpla6</i>	-0.333696077	0.214075935	-1.558774357	0.119049796	0.814755048
<i>C330021F23Rik</i>	0.171614579	0.285182902	0.601770224	0.547327098	0.968115622
<i>Camsap3</i>	-0.662561665	0.428426434	-1.546500431	0.121983756	0.816233249
<i>Xab2</i>	0.168253693	0.173390793	0.970372706	0.331860748	0.917115058
<i>Pet100</i>	0.600902068	0.305443288	1.967311419	0.049147319	0.707153766
<i>Stxbp2</i>	-0.03143845	0.159421662	-0.197203126	0.843668584	0.992886758
<i>Retn</i>	-0.309641476	0.424867734	-0.728794989	0.466127077	0.953083512
<i>Mcemp1</i>	0.037963794	0.190671115	0.199106164	0.8421797	0.992886758
<i>Trappc5</i>	0.176000937	0.089356468	1.969649666	0.048878535	0.707153766
<i>Fcer2a</i>	-0.256753425	0.565876653	-0.453726838	0.650025448	0.979004493
<i>Clec4g</i>	-0.365138668	0.293288245	-1.244982281	0.213138263	0.884945675
<i>Cd209a</i>	-0.260197898	0.221301435	-1.175762363	0.23968985	0.896939594
<i>Cd209e</i>	-1.592389981	1.159444282	-1.373407938	0.169625563	0.861597949
<i>Cd209d</i>	-1.556197627	0.561535344	-2.771326227	0.005582846	0.416936884
<i>Cd209b</i>	-0.12388907	0.49166624	-0.251977987	0.801058079	0.990988839
<i>Cd209c</i>	0.835633368	1.151917945	0.725427858	0.468189588	0.953657709
<i>Cd209f</i>	-0.732180357	0.342141246	-2.139994417	0.032355218	0.665167506
<i>Cd209g</i>	-0.279300594	0.359058022	-0.777870362	0.436645442	0.946762848
<i>Evi5l</i>	0.057955651	0.430920432	0.134492697	0.893012985	0.99333638
<i>Prr36</i>	-0.317353405	0.5072929	-0.625582193	0.531589022	0.966606934
<i>Lrrc8e</i>	-0.19801158	0.206579605	-0.958524343	0.337798423	0.919246575
<i>Map2k7</i>	0.028694877	0.149465832	0.191982857	0.847755634	0.992886758
<i>Tgfb3l</i>	0.663468516	0.801606526	0.827673547	0.407855404	0.939557159
<i>Snape2</i>	-0.231758838	0.256381461	-0.903960987	0.366016088	0.927408779
<i>Ctxn1</i>	-0.053476442	0.169676115	-0.315167766	0.752634278	0.988585656
<i>Timm44</i>	0.165243309	0.122818877	1.34542273	0.178488759	0.867377413
<i>Elavl1</i>	-0.295535088	0.170949748	-1.728783412	0.083847866	0.76099108
<i>Ccl25</i>	0.145882325	0.278636453	0.523557931	0.600586049	0.974001549
<i>Cers4</i>	0.146857102	0.143917783	1.020423599	0.307527607	0.9139204
<i>Zfp958</i>	0.152817267	0.228447146	0.668939272	0.503534217	0.961769205
<i>Shcbp1</i>	0.378065	0.465941859	0.811399518	0.417136276	0.943415794
<i>Efnb2</i>	-0.101351735	0.146723233	-0.690768142	0.489711259	0.958560421
<i>Arglu1</i>	-0.037247598	0.105807312	-0.352032366	0.72481399	0.988585656
<i>Lig4</i>	-0.064094469	0.346884365	-0.184771859	0.853407981	0.992886758
<i>Abhd13</i>	-0.14892162	0.098833479	-1.50679327	0.131863655	0.827800491
<i>Tnfsf13b</i>	0.198704994	0.176030074	1.128812766	0.258976826	0.897248195
<i>B930025P03Rik</i>	-0.106494958	1.158507611	-0.091924263	0.926758214	0.994688009
<i>4833411C07Rik</i>	0.150398817	0.734623866	0.20472901	0.837783853	0.992886758
<i>3930402G23Rik</i>	0.027553646	0.386382926	0.07131176	0.943149636	0.994819052
<i>Irs2</i>	-0.725087201	0.579681934	-1.250836292	0.210994211	0.884390587
<i>9530052E02Rik</i>	3.296751737	2.468679539	1.335431224	0.181735251	0.868546072
<i>Col4a1</i>	0.105157978	0.17349964	0.606099112	0.544448941	0.967491297
<i>Col4a2</i>	-0.051547422	0.210580154	-0.244787655	0.806620853	0.99099448
<i>Rab20</i>	0.359914544	0.279509908	1.287662921	0.197863326	0.880239572
<i>E230013L22Rik</i>	0.647451232	0.57818828	1.119793074	0.262801951	0.897248195
<i>Carkd</i>	0.223853503	0.136795221	1.636413184	0.101753142	0.788783372
<i>Cars2</i>	0.167746654	0.143799478	1.166531732	0.243399527	0.896939594
<i>Ing1</i>	0.060272081	0.095187508	0.63319318	0.526607499	0.965637248
<i>Ankrd10</i>	-0.231171029	0.122974429	-1.879830073	0.06013124	0.725221283
<i>Arhgef7</i>	-0.18598499	0.202776188	-0.917193445	0.359041281	0.925199968
<i>Tubgcp3</i>	0.112239783	0.11384035	0.98594025	0.324162434	0.91640698
<i>Atp11a</i>	-0.132775782	0.160535334	-0.827081357	0.40819095	0.939990641
<i>Mcf2l</i>	-0.038067527	0.335099454	-0.113600684	0.909554345	0.994688009
<i>F7</i>	-0.59617278	0.268639297	-2.219231457	0.026470982	0.632784368
<i>F10</i>	-0.016774022	0.260679591	-0.064347276	0.94869371	0.99560893

<i>Proz</i>	-0.131414984	0.441827737	-0.29743489	0.76613451	0.989884648
<i>Pcid2</i>	-0.154145701	0.284615432	-0.541592915	0.588098974	0.973455044
<i>Cul4a</i>	-0.082381075	0.100434827	-0.820244109	0.412076961	0.942121471
<i>Lamp1</i>	-0.12824325	0.069944762	-1.833493277	0.066729247	0.738254074
<i>Grtp1</i>	0.106357758	0.162971282	0.652616565	0.514003504	0.964352198
<i>Adprhl1</i>	0.087504967	0.866730131	0.100959877	0.919582311	0.994688009
<i>Dcun1d2</i>	-0.124928317	0.176341672	-0.708444667	0.478669163	0.957463006
<i>Tmco3</i>	-0.073727687	0.131767349	-0.559529262	0.575800567	0.971613657
<i>Tfdp1</i>	-0.137597489	0.131826232	-1.043779275	0.296587522	0.909070179
<i>Tmem255b</i>	-0.458579161	0.544958301	-0.841494038	0.400071224	0.936631983
<i>Gas6</i>	0.077583107	0.12873752	0.602645656	0.546744441	0.967902958
<i>Rasa3</i>	0.205627179	0.148998043	1.380066304	0.167566231	0.860403806
<i>493244319Rik</i>	0.037431928	0.276944033	0.135160624	0.892484879	0.993300147
<i>Cdc16</i>	0.119553549	0.121298383	0.985615363	0.324321896	0.91640698
<i>Upf3a</i>	-0.109652459	0.214563699	-0.511048514	0.609317087	0.974001549
<i>Champ1</i>	-0.508404161	0.274961863	-1.848998821	0.064457983	0.73299549
<i>Coprs</i>	0.257455265	0.212961812	1.208926908	0.226690927	0.89398447
<i>Fbxo25</i>	0.031688254	0.136942849	0.231397652	0.817005889	0.992678823
<i>Tdrp</i>	0.041855897	0.175741025	0.238168051	0.811750756	0.991816977
<i>Erich1</i>	0.433922644	0.162490603	2.670447623	0.007575019	0.454518821
<i>Cln8</i>	-0.033175307	0.173262217	-0.19147456	0.84815381	0.992886758
<i>Arhgef10</i>	-0.118061505	0.264353126	-0.446605294	0.655160073	0.979133069
<i>Kbtbd11</i>	0.212146121	0.220504178	0.962095697	0.336001535	0.918908218
<i>Myom2</i>	0.109582497	0.678077156	0.161607711	0.871614785	0.992886758
<i>Mcph1</i>	-0.36565427	0.421524174	-0.867457413	0.385691436	0.931855682
<i>Angpt2</i>	-0.167260812	0.253687899	-0.659317266	0.509692057	0.963452765
<i>Agpat5</i>	0.081686399	0.117011912	0.698103275	0.48511261	0.957710647
<i>Xkr5</i>	-0.445743527	1.670894888	-0.26676934	0.789646762	0.990988839
<i>Spag11b</i>	0.574867393	0.408112554	1.40860012	0.158953443	0.855986074
<i>6820431F20Rik</i>	-0.203300641	0.133070596	-1.527765312	0.126570818	0.823315433
<i>2610005L07Rik</i>	-0.126186546	0.526409177	-0.239711904	0.810553606	0.991438232
<i>Defb1</i>	-0.673667148	0.778280954	-0.865583495	0.38671861	0.932626359
<i>Atp7b</i>	-0.244782435	0.277269725	-0.882831455	0.377327342	0.928883222
<i>Alg11</i>	-0.025260934	0.156224973	-0.161695878	0.871545351	0.992886758
<i>Nek5</i>	-0.203957142	0.179494006	-1.136289436	0.255835451	0.897044747
<i>Nek3</i>	-0.14392409	0.352015793	-0.40885691	0.682644673	0.984738223
<i>Ckap2</i>	0.596861293	0.514755778	1.159503823	0.246250879	0.896939594
<i>Vps36</i>	0.107812994	0.115905383	0.930181078	0.352277337	0.923152465
<i>Thsd1</i>	-0.120666728	0.215692783	-0.559437949	0.575862869	0.971613657
<i>Slc25a15</i>	0.075608059	0.17634812	0.428743209	0.668110112	0.981863224
<i>1810012K16Rik</i>	0.458983912	1.163570802	0.394461524	0.693240328	0.986698113
<i>Mrps31</i>	-0.045162798	0.161592928	-0.279484989	0.779872656	0.990988839
<i>Smim19</i>	-0.015926143	0.167495336	-0.095084097	0.924248029	0.994688009
<i>Slc20a2</i>	-0.09223296	0.233375556	-0.395212602	0.692685993	0.986599035
<i>Vdac3</i>	0.068421008	0.097008432	0.705309907	0.480617397	0.957463006
<i>Polb</i>	0.122192366	0.167108116	0.731217425	0.464646358	0.953083512
<i>A930013F10Rik</i>	-2.183709065	1.708922016	-1.277828388	0.201309942	0.881187967
<i>Ikbkb</i>	-0.161405181	0.121693157	-1.326329147	0.184730697	0.871716376
<i>Plat</i>	-0.35669903	0.136676003	-2.609814605	0.00905913	0.475600561
<i>Ap3m2</i>	-0.107994337	0.246081232	-0.438856455	0.660765551	0.979924124
<i>Kat6a</i>	0.045341099	0.17964338	0.252395047	0.800735728	0.990988839
<i>Ank1</i>	0.154368243	0.323719002	0.476858764	0.633462697	0.977034429
<i>Gm15816</i>	0.609630851	0.617836268	0.986719107	0.32378036	0.91640698
<i>Agpat6</i>	-0.07156814	0.138101297	-0.518229315	0.604298283	0.974001549
<i>Gins4</i>	0.279550826	0.1550583	1.802875597	0.071407754	0.744227652
<i>Golga7</i>	0.233234543	0.117119432	1.991424822	0.046434203	0.698098452
<i>Sfrp1</i>	0.260945051	0.221577059	1.177671785	0.23892748	0.896609492
<i>Zmat4</i>	-0.388369807	0.41203923	-0.942555414	0.345908354	0.921552698
<i>1810011O10Rik</i>	0.305786758	0.270466388	1.130590608	0.258227442	0.897248195
<i>Ido1</i>	0.45440141	0.451048715	1.007433111	0.313726686	0.915639195
<i>Adam3</i>	0.03648699	0.324932263	0.112291065	0.910592626	0.994688009
<i>Adam5</i>	-0.520042711	0.456536646	-1.139103982	0.254659787	0.897044747

<i>Adam32</i>	-0.767718485	1.647639874	-0.465950416	0.641250993	0.977996701
<i>Adam9</i>	-0.242278547	0.101045309	-2.397721866	0.016497387	0.566772949
<i>Tm2d2</i>	0.048590548	0.15481229	0.313867509	0.753621669	0.988585656
<i>Htra4</i>	0.266674326	0.302481246	0.881622678	0.377980887	0.928883222
<i>Plekha2</i>	-0.092052333	0.124044121	-0.742093475	0.458030703	0.952235842
<i>Tacc1</i>	0.02922004	0.201095942	0.145303975	0.884470877	0.992886758
<i>5430421F17Rik</i>	-0.809266382	0.861235696	-0.939657269	0.34739339	0.921552698
<i>Fgfr1</i>	-0.054759271	0.274472155	-0.199507565	0.841865726	0.992886758
<i>Letm2</i>	0.323410779	0.377441908	0.856849152	0.391528257	0.933734231
<i>Whsc1l1</i>	0.019296168	0.112305178	0.171819036	0.863579799	0.992886758
<i>Ppapdc1b</i>	0.002860603	0.170076856	0.016819471	0.986580636	0.998148029
<i>Ddhd2</i>	0.281694288	0.187198039	1.504792942	0.132377319	0.827800491
<i>Bag4</i>	-0.181555844	0.161585617	-1.123589139	0.261187366	0.897248195
<i>Lsm1</i>	0.105350775	0.199284126	0.528646096	0.597050977	0.974001549
<i>Star</i>	-0.500180116	0.389769408	-1.283271867	0.199396845	0.880831248
<i>Ash2l</i>	0.166517316	0.124253015	1.340147089	0.18019753	0.868087032
<i>Kcnu1</i>	-0.05141848	1.011158427	-0.050851062	0.959444202	0.996367077
<i>Hgsnat</i>	-0.087449518	0.132625136	-0.659373631	0.509655871	0.963452765
<i>Pomk</i>	0.137174631	0.153080402	0.896095318	0.370201857	0.928436166
<i>Fnta</i>	0.140789993	0.121267231	1.160989597	0.24564613	0.896939594
<i>Hook3</i>	-0.27764837	0.149369489	-1.858802432	0.063055148	0.727650961
<i>Rnf170</i>	-0.086694908	0.167669211	-0.517059199	0.605114834	0.974001549
<i>Thap1</i>	-0.076544794	0.201603225	-0.379680405	0.704182667	0.988585656
<i>2310008N11Rik</i>	1.513491933	1.521984539	0.994420044	0.320018414	0.91640698
<i>Zfp703</i>	-0.14667311	0.228766579	-0.641147454	0.521426885	0.964946923
<i>Erlin2</i>	-0.148458402	0.133533776	-1.111766674	0.266238484	0.89768067
<i>Prosc</i>	-0.218152159	0.110107661	-1.981262309	0.047561865	0.700850692
<i>Adgra3</i>	0.060110378	0.184569688	0.325678493	0.744667618	0.988585656
<i>Brf2</i>	0.465290826	0.263060931	1.768756855	0.07693446	0.752876039
<i>Rab11fip1</i>	0.069001565	0.214449476	0.321761404	0.747633455	0.988585656
<i>Got1l1</i>	0.096796649	0.308408357	0.313858708	0.753628353	0.988585656
<i>Adrb3</i>	0.129374858	0.281120083	0.46021208	0.645364001	0.979004493
<i>Eif4ebp1</i>	-0.042009954	0.13981642	-0.300465093	0.763822419	0.989331656
<i>Unc5d</i>	-1.119246601	1.763014741	-0.634848124	0.525527473	0.965637248
<i>Dusp26</i>	0.027495231	0.431192629	0.06376554	0.949156917	0.995624732
<i>Rnf122</i>	-0.056890057	0.242518497	-0.234580281	0.814534516	0.992048071
<i>Tti2</i>	0.015617946	0.19237636	0.081184331	0.935295361	0.994688009
<i>Mak16</i>	-0.01823573	0.146412527	-0.124550342	0.900879544	0.994688009
<i>Fut10</i>	0.139251794	0.190069939	0.732634495	0.463781386	0.953083512
<i>Nrg1</i>	-2.050297293	0.543350653	-3.773433014	0.000161016	0.077321054
<i>Wrn</i>	-0.478693496	0.238365137	-2.008236197	0.044618198	0.689849737
<i>Purg</i>	0.140093881	0.231734308	0.604545274	0.545481178	0.967491297
<i>Tex15</i>	-0.179474959	0.406389979	-0.441632344	0.658755275	0.979924124
<i>Ppp2cb</i>	-0.26027361	0.101101008	-2.574391833	0.010041648	0.49681814
<i>Ubxn8</i>	0.108282276	0.119606811	0.905318644	0.365296602	0.926556975
<i>Gsr</i>	0.022964888	0.130928959	0.175399608	0.860765648	0.992886758
<i>Gtf2e2</i>	-0.084199259	0.106863472	-0.787914315	0.430746827	0.945321484
<i>Rbpms</i>	-0.21264168	0.140353042	-1.515048596	0.129760098	0.827800491
<i>Dctn6</i>	0.062330744	0.112343165	0.554824535	0.579014684	0.971613657
<i>Leprotil1</i>	-0.102989654	0.09117961	-1.129525054	0.258676407	0.897248195
<i>Saraf</i>	-0.029801099	0.106636057	-0.279465501	0.77988761	0.990988839
<i>Dusp4</i>	0.097825887	0.353363864	0.276841798	0.781901585	0.990988839
<i>Tnks</i>	0.097715136	0.366433651	0.26666529	0.789726881	0.990988839
<i>Ppp1r3b</i>	-0.276592954	0.366886635	-0.75389215	0.450913984	0.949134998
<i>Eri1</i>	0.061097213	0.15422263	0.396162438	0.6919852	0.986464472
<i>Gm16793</i>	0.105923617	0.627504205	0.168801446	0.865952821	0.992886758
<i>Mfhas1</i>	0.320294781	0.268159217	1.194420181	0.232313646	0.895404344
<i>Cldn23</i>	-0.265448897	0.360515148	-0.73630442	0.461545457	0.953083512
<i>D8Ertd82e</i>	-1.191739887	0.772172212	-1.543360235	0.122743396	0.817788082
<i>Lonrf1</i>	-0.282467053	0.368340996	-0.766862925	0.443163019	0.948476747
<i>6430573F11Rik</i>	0.187197187	0.61962361	0.302114355	0.76256489	0.989285682
<i>Dlc1</i>	-0.018352545	0.162412937	-0.112999282	0.910031124	0.994688009

G630064G18Rik	-2.220175823	2.40103327	-0.92467516	0.355134904	0.924354588
Al429214	0.158784379	0.334688066	0.474424978	0.635196885	0.977034429
Tusc3	-0.02315609	0.094126726	-0.246009726	0.805674704	0.99099448
Gm6213	0.38352732	0.347216712	1.104576209	0.269343265	0.89804647
Msr1	-0.359211786	0.351185312	-1.022855382	0.306376228	0.913641886
Mir7666	0.162164861	0.601603351	0.269554451	0.787503047	0.990988839
Micu3	0.005988468	0.163610753	0.036601925	0.970802409	0.996733101
Zdhhc2	-0.245620118	0.244878734	-1.003027555	0.315847566	0.915957942
Cnot7	-0.031055893	0.104958785	-0.295886553	0.767316721	0.989884648
Vps37a	-0.074581118	0.146489365	-0.509123089	0.610665949	0.974001549
Mtmr7	0.466007838	0.35977418	1.295278713	0.1952241	0.879588734
Slc7a2	-0.480320861	0.19185213	-2.503599313	0.012293717	0.525888996
Pdgfrl	0.357435134	0.28612645	1.249220872	0.2115843	0.884755882
Mtus1	-0.19316927	0.127101493	-1.519803309	0.128560417	0.826380289
B430010I23Rik	0.578622679	0.208593258	2.773927999	0.005538393	0.416706681
Fgl1	0.446739498	0.905048708	0.493608238	0.621582882	0.97514112
Pcm1	-0.219187359	0.154033848	-1.422981776	0.154741438	0.854973821
Asah1	-0.129285044	0.090584048	-1.427238528	0.153511153	0.854159937
Frg1	0.156792786	0.135019891	1.161256939	0.245537425	0.896939594
Fat1	0.252468176	0.236786297	1.066227986	0.286320594	0.905916508
AY512931	-1.080359807	1.939178698	-0.557122357	0.577443833	0.971613657
Gm6329	0.753337274	0.727458908	1.035573647	0.300401092	0.910285132
F11	0.805296956	1.624368202	0.495760108	0.620063673	0.974471036
Klkb1	0.467415575	0.838712432	0.557301355	0.57732155	0.971613657
Cyp4v3	0.017107111	0.16430069	0.104120749	0.917073525	0.994688009
Fam149a	-0.237595875	0.173887789	-1.366374702	0.171821385	0.86244803
Tlr3	-0.171690096	0.218822585	-0.784608665	0.432683048	0.94605734
Sorbs2	0.008360776	0.317697118	0.026316815	0.979004643	0.997262526
Sorbs2os	0.658289677	0.821817614	0.801016753	0.423121947	0.943509323
Pdlim3	-0.171494731	0.198964275	-0.861937306	0.388722018	0.933332999
Ccdc110	-1.653202211	2.166614994	-0.763034603	0.44544276	0.948476747
1700029J07Rik	-0.136296709	0.230534744	-0.591219815	0.554373148	0.968926429
Ufsp2	-0.050170225	0.149078464	-0.336535701	0.736466934	0.988585656
Ankrd37	0.185455006	0.220161656	0.842358337	0.399587406	0.936395796
Lrp2bp	-0.743202188	0.669263281	-1.110478057	0.266793079	0.89768067
Snx25	-0.052006509	0.137628116	-0.377877073	0.705521915	0.988585656
Cfap97	0.093279921	0.139585201	0.668265122	0.503964373	0.96179897
Slc25a4	0.08800576	0.098855922	0.890242671	0.373335597	0.928840865
Acs1l	-0.312094047	0.189067997	-1.650697382	0.098800383	0.786907305
Cenpu	0.052498564	0.478780207	0.109650657	0.912686434	0.994688009
Primpol	0.216579046	0.353439225	0.612775918	0.540024516	0.966900344
Casp3	0.279105321	0.164392591	1.697797439	0.089545999	0.769347579
Gm16675	0.042270909	0.475722659	0.088856202	0.929196192	0.994688009
Irf2	0.048371848	0.2357356	0.205195347	0.837419505	0.992886758
Enpp6	-0.274482012	0.486880423	-0.563756519	0.572919847	0.971613657
Stox2	-0.440071712	0.242069039	-1.817959508	0.069070322	0.743426713
Trappc11	-0.063189458	0.161564031	-0.391110925	0.695715246	0.98715859
Rwdd4a	-0.04815624	0.143080809	-0.336566728	0.736443541	0.988585656
Ing2	0.21863382	0.137355468	1.591737287	0.111443746	0.800752782
Cdkn2aip	0.021561142	0.133673612	0.161296923	0.871859546	0.992886758
Cldn22	-0.085607961	0.62040524	-0.137987167	0.89025056	0.993043931
Wwc2	-0.245971316	0.192581262	-1.2772339	0.201519682	0.881220006
Dctd	-1.492204201	1.249400914	-1.194335769	0.232346651	0.895404344
Tenm3	1.011283196	1.385659264	0.729820976	0.465499621	0.953083512
Aga	-0.018105251	0.131666669	-0.137508235	0.890629084	0.993043931
Neil3	-0.485914093	1.088582289	-0.446373322	0.6553276	0.979133069
Vegfc	-0.314593433	0.166954746	-1.884303627	0.059523917	0.724178089
Spes3	-0.10389241	0.138667926	-0.749217312	0.453726236	0.950351284
Asb5	0.170739901	0.477558353	0.357526781	0.720697481	0.988585656
Gpm6a	-0.170537483	0.174497769	-0.977304659	0.328418347	0.917115058
Hpgd	-0.029513723	0.129957654	-0.22710261	0.820343955	0.992886758
Cep44	0.166442283	0.156791243	1.061553439	0.288438461	0.907334416

<i>Fbxo8</i>	0.171991051	0.107844843	1.594800877	0.110756771	0.800111791
<i>LOC102636514</i>	0.867448597	0.489385481	1.772526222	0.076307247	0.752876039
<i>Hand2</i>	-0.726795197	1.371879647	-0.529780581	0.59626407	0.974001549
<i>Scrg1</i>	-1.081303366	0.981045387	-1.102195046	0.270376885	0.89804647
<i>Sap30</i>	0.144601488	0.164290206	0.880158905	0.378773232	0.929137643
<i>2500002B13Rik</i>	0.011391287	0.536654644	0.021226476	0.983064994	0.997545193
<i>Hmgb2</i>	0.310606134	0.126822269	2.449145065	0.014319576	0.5540183
<i>Galnt7</i>	-0.327939998	0.215541602	-1.521469617	0.12814203	0.826336015
<i>AW046200</i>	-0.313740207	1.031877371	-0.304047958	0.761091355	0.989266039
<i>Galntf6</i>	0.126141931	0.593261985	0.212624329	0.831619994	0.992886758
<i>BC030500</i>	0.781880889	0.823192463	0.949815412	0.342206053	0.919850248
<i>Mfap3l</i>	-0.384725256	0.195595974	-1.966938521	0.049190299	0.707153766
<i>2700029M09Rik</i>	0.026071898	0.152752647	0.1706805	0.864474996	0.992886758
<i>Cln3</i>	-0.235735698	0.161229753	-1.462110397	0.14371096	0.841934045
<i>Nek1</i>	-0.378020135	0.175036007	-2.159670694	0.030798171	0.659455637
<i>Sh3rf1</i>	0.014724277	0.239163878	0.061565638	0.950908742	0.99573416
<i>Cbr4</i>	0.319076664	0.183928788	1.734783702	0.082779124	0.76099108
<i>Pald</i>	0.031421938	0.195108858	0.161048239	0.872055407	0.992886758
<i>Ddx60</i>	-0.216604371	0.232747416	-0.930641358	0.352039113	0.923082865
<i>Spock3</i>	-0.077228938	0.600548624	-0.12859731	0.897676295	0.994101834
<i>Tll1</i>	-0.117480721	0.479513585	-0.244999777	0.806456604	0.99099448
<i>Cpe</i>	-0.246190217	0.16527405	-1.48958785	0.136332639	0.832457116
<i>Msmo1</i>	-0.115074228	0.140907872	-0.816662877	0.414121112	0.943415794
<i>Klhl2</i>	-0.285263146	0.15522709	-1.837714965	0.066104418	0.738254074
<i>Tmem192</i>	-0.004832035	0.18782678	-0.025726016	0.979475873	0.997262526
<i>Apela</i>	-2.655182411	2.240290715	-1.185195472	0.23594017	0.896067726
<i>BC030870</i>	0.05050589	0.202994039	0.248804795	0.803511782	0.990988839
<i>Mar-01</i>	0.149052296	0.172323607	0.864955759	0.387063072	0.932858077
<i>Tma16</i>	0.067497866	0.324354361	0.208099147	0.835151554	0.992886758
<i>Npy1r</i>	-0.126603022	0.362791593	-0.348969006	0.727112578	0.988585656
<i>Naf1</i>	-0.193381995	0.196025179	-0.986516095	0.323879921	0.91640698
<i>Nat1</i>	0.17106959	0.97837385	0.174850942	0.861196759	0.992886758
<i>Nat2</i>	0.168969815	0.207253684	0.815280155	0.414911965	0.943415794
<i>Psd3</i>	-0.048989212	0.173130535	-0.282961131	0.777206633	0.990861469
<i>Sh2d4a</i>	0.004576849	0.142295706	0.032164351	0.974340985	0.997262526
<i>Csgalnact1</i>	0.008715398	0.171658982	0.050771581	0.959507537	0.996367077
<i>Ints10</i>	-0.359422159	0.198999827	-1.806143073	0.070895994	0.744227652
<i>Lpl</i>	0.037948631	0.151986209	0.2496847	0.802831191	0.990988839
<i>Slc18a1</i>	-0.065154185	0.710546395	-0.091695891	0.926939662	0.994688009
<i>Atp6v1b2</i>	-0.258128166	0.138300154	-1.866434403	0.061980614	0.725730283
<i>Lzts1</i>	0.350489157	1.347119357	0.260176766	0.794727426	0.990988839
<i>Zfp930</i>	0.019372776	0.1844271	0.105043003	0.916341686	0.994688009
<i>D130040H23Rik</i>	0.141133359	0.433568343	0.32551583	0.744790704	0.988585656
<i>Gm10033</i>	0.053302993	0.292520063	0.182219956	0.855410112	0.992886758
<i>Zfp868</i>	0.040815607	0.129221677	0.315857279	0.752110839	0.988585656
<i>Zfp964</i>	0.301366839	0.303876534	0.991741068	0.321323852	0.91640698
<i>Zfp869</i>	-0.015057721	0.10631275	-0.14163608	0.887367466	0.992886758
<i>Zfp963</i>	-0.280713316	0.253838205	-1.105874967	0.268780641	0.89804647
<i>Zfp866</i>	-0.078984998	0.197321265	-0.400286294	0.688945661	0.98538669
<i>Atp13a1</i>	-0.143158859	0.184489322	-0.775973683	0.437764525	0.94749626
<i>Gmip</i>	0.157476125	0.272765219	0.577332131	0.563715112	0.969658675
<i>Lpar2</i>	-0.275603181	0.542308514	-0.508203678	0.611310512	0.974001549
<i>Pbx4</i>	0.009330853	0.427633663	0.021819734	0.982591753	0.997390438
<i>Ndufa13</i>	0.171084568	0.144863696	1.18100375	0.237601234	0.896609492
<i>Tssk6</i>	0.266683154	0.468766427	0.568904124	0.569421207	0.97144955
<i>Gatad2a</i>	-0.326513572	0.164277477	-1.98757357	0.046858872	0.698868643
<i>Mau2</i>	-0.190746814	0.136037743	-1.402160969	0.160867184	0.857316691
<i>Sugp1</i>	0.443086638	0.166552243	2.660346266	0.007806035	0.45506991
<i>Tm6sf2</i>	-0.474740011	0.403986094	-1.175139487	0.239938915	0.896939594
<i>Rfxank</i>	0.212428876	0.198969719	1.067644246	0.285681017	0.905916508
<i>Nr2c2ap</i>	0.143114458	0.338655554	0.422595927	0.672590099	0.983233856
<i>2310045N01Rik</i>	0.280093588	0.148880782	1.881328031	0.05992731	0.725221283

<i>Tmem161a</i>	0.097705831	0.160345059	0.609347317	0.54229425	0.967491297
<i>Slc25a42</i>	0.205981319	0.333946589	0.616809173	0.537360601	0.96674935
<i>Armc6</i>	0.170769006	0.216536659	0.788637856	0.430323698	0.945321484
<i>Sugp2</i>	-0.145393405	0.266473943	-0.545619596	0.585327451	0.972904784
<i>Homer3</i>	0.112860053	0.15248068	0.740159691	0.459203103	0.952683168
<i>Ddx49</i>	0.172792424	0.216244794	0.799059348	0.424256	0.94406679
<i>Cope</i>	0.154169451	0.121746039	1.266320056	0.205398519	0.883765092
<i>Upf1</i>	-0.140893067	0.204406411	-0.6892791	0.490647648	0.958896244
<i>Comp</i>	1.229304041	2.072012315	0.59328993	0.552987137	0.968926429
<i>Crtc1</i>	-0.005568184	0.460151119	-0.012100772	0.990345217	0.998417328
<i>Klhl26</i>	-0.530188496	0.318654875	-1.663832996	0.096145808	0.780593042
<i>Tmem59l</i>	-0.390771659	0.309967846	-1.260684498	0.207422541	0.883765092
<i>Crlf1</i>	-0.235863515	0.196648989	-1.199413818	0.230367077	0.895404344
<i>2810428l15Rik</i>	0.227825517	0.146639767	1.553640742	0.120270135	0.81558552
<i>Uba52</i>	0.23608476	0.137455797	1.71753222	0.085881973	0.763596872
<i>Kxd1</i>	0.352161355	0.129277816	2.724066398	0.006448354	0.429927454
<i>Fkbp8</i>	0.012404336	0.105416137	0.117670185	0.906328992	0.994688009
<i>Ell</i>	0.004535651	0.23577788	0.019236966	0.984652068	0.998148029
<i>Isyna1</i>	-0.247406459	0.196866765	-1.256720295	0.208854936	0.884258007
<i>Ssbp4</i>	-0.036087454	0.145656338	-0.247757524	0.804322022	0.990988839
<i>Lrrc25</i>	-0.191375012	0.335421442	-0.570550919	0.568304097	0.971380162
<i>Gdf15</i>	0.103637922	0.430041019	0.240995435	0.809558655	0.991295569
<i>Pgpep1</i>	-0.109530807	0.153961475	-0.71141698	0.47682588	0.95716557
<i>Lsm4</i>	0.5073073	0.172612441	2.938996157	0.003292772	0.357710224
<i>Jund</i>	-0.042762046	0.176783983	-0.241888688	0.808866415	0.991174313
<i>Gm3336</i>	0.241951838	0.48432131	0.499568845	0.6173787	0.974001549
<i>Pde4c</i>	0.439182344	0.654089365	0.671440888	0.501939705	0.961378071
<i>Rab3a</i>	-0.201465349	0.17562336	-1.147144374	0.251321957	0.896939594
<i>Mpv17l2</i>	0.161545371	0.149876619	1.07785572	0.281098149	0.904300139
<i>Ifi30</i>	-0.249104869	0.178996878	-1.391671586	0.16402187	0.859982992
<i>Pik3r2</i>	-0.389443459	0.244900386	-1.590211702	0.111787094	0.801067615
<i>2010320M18Rik</i>	0.312656695	0.187033661	1.671660023	0.094591381	0.777748075
<i>Mast3</i>	0.185963279	0.311728661	0.59655496	0.55080455	0.968926429
<i>Il12rb1</i>	0.718115147	1.388181365	0.517306431	0.604942266	0.974001549
<i>Arrdc2</i>	-0.14901025	0.286640578	-0.519850508	0.603167773	0.974001549
<i>Kcnn1</i>	-0.044836893	0.672956374	-0.066626745	0.946878854	0.995216367
<i>Ccdc124</i>	0.377682902	0.141165386	2.675463949	0.00746259	0.452943141
<i>Slc5a5</i>	-1.015372086	0.918769975	-1.105142869	0.269097688	0.89804647
<i>Rpl18a</i>	0.245376316	0.108165757	2.268521223	0.023297457	0.622011301
<i>Map1s</i>	-0.154661022	0.325864496	-0.474617591	0.635059566	0.977034429
<i>Haus8</i>	0.397914769	0.217843262	1.826610407	0.067758368	0.742385562
<i>Myo9b</i>	0.235478689	0.154415582	1.524967145	0.127267293	0.824450458
<i>Use1</i>	0.368098955	0.191054394	1.92667097	0.054020648	0.707153766
<i>Ocel1</i>	0.440093727	0.178667411	2.463200895	0.013770274	0.545277966
<i>Nr2f6</i>	0.052552298	0.112176696	0.46847786	0.6394429	0.977843986
<i>Ushbp1</i>	0.306286169	0.13203722	2.319695688	0.020357345	0.601921946
<i>Babam1</i>	0.218793167	0.096421763	2.269126398	0.023260641	0.622011301
<i>Ankle1</i>	0.269680846	1.453214992	0.185575326	0.852777805	0.992886758
<i>Abhd8</i>	0.322537751	0.256226598	1.258798866	0.20810299	0.884258007
<i>Mrpl34</i>	0.25489464	0.140233641	1.817642605	0.069118775	0.743426713
<i>Dda1</i>	0.079718986	0.110279887	0.722878746	0.469754383	0.95486913
<i>Ano8</i>	0.360572181	0.337212875	1.069271691	0.284947263	0.905916508
<i>Gtpbp3</i>	0.089308257	0.170171521	0.524813181	0.599713067	0.974001549
<i>Plvap</i>	-0.359457171	0.160306361	-2.242313828	0.024941097	0.627917508
<i>Bst2</i>	0.322954038	0.146118113	2.210225899	0.027089488	0.635474249
<i>Mvb12a</i>	-0.032659838	0.133139783	-0.245304878	0.806220375	0.99099448
<i>Tmem221</i>	0.339999551	0.210003063	1.619021864	0.105442559	0.793982106
<i>Nxn1l</i>	-0.929750951	1.223331944	-0.760015264	0.447245461	0.948476747
<i>Slc27a1</i>	-0.212834894	0.233314431	-0.912223448	0.361651103	0.926455466
<i>Pgls</i>	-0.040611498	0.143885373	-0.28224897	0.777752611	0.990988839
<i>Fam129c</i>	0.6141001	0.611905843	1.003585939	0.315578235	0.91586731
<i>Colgalt1</i>	-0.148332533	0.097700886	-1.518231185	0.128956128	0.827295367

<i>Unc13a</i>	0.075501714	1.363848733	0.055359302	0.955852218	0.99614946
<i>Jak3</i>	0.149951844	0.293312645	0.511235525	0.609186146	0.974001549
<i>InsI3</i>	-2.750359682	1.826001977	-1.506219444	0.13201085	0.827800491
<i>B3gnt3</i>	0.017148059	0.239006657	0.071747204	0.94280309	0.994744476
<i>Fcho1</i>	0.600033915	0.647011183	0.927393423	0.353722304	0.92416951
<i>Zfp709</i>	-0.128673837	0.195203705	-0.659177224	0.509781971	0.963452765
<i>Zfp882</i>	-0.15908398	0.19850042	-0.801428936	0.422883369	0.943509323
<i>Zfp617</i>	0.029097379	0.144988034	0.200688139	0.840942435	0.992886758
<i>Zfp961</i>	-0.071370684	0.150361509	-0.474660601	0.635028904	0.977034429
<i>Cyp4f18</i>	-0.205941299	0.298401099	-0.690149263	0.490100326	0.958560421
<i>Tpm4</i>	0.0186797	0.096823537	0.192925196	0.847017552	0.992886758
<i>Rab8a</i>	0.094428098	0.094434231	0.999935055	0.317341939	0.91640698
<i>Hsh2d</i>	-0.259165156	0.66995867	-0.386837528	0.698876493	0.987770663
<i>Cib3</i>	-0.539804075	1.027866809	-0.525169283	0.599465517	0.974001549
<i>Fam32a</i>	0.047244152	0.097954195	0.482308614	0.629586729	0.977034429
<i>Ap1m1</i>	-0.091450893	0.114118087	-0.801370712	0.422917065	0.943509323
<i>Klf2</i>	-0.238003821	0.206902375	-1.150319424	0.250012333	0.896939594
<i>Eps15l1</i>	-0.289804384	0.194737282	-1.488181314	0.136703084	0.832506992
<i>Calr3</i>	0.338162609	0.352003573	0.960679479	0.336713352	0.919242242
<i>1700030K09Rik</i>	0.079249975	0.244942054	0.32354581	0.74628192	0.988585656
<i>Cherp</i>	0.071081957	0.203576149	0.349166429	0.726964368	0.988585656
<i>Slc35e1</i>	-0.257853484	0.144021867	-1.790377317	0.073393274	0.748833631
<i>Med26</i>	-0.009869611	0.419921966	-0.023503441	0.981248694	0.997375797
<i>Smim7</i>	0.142825659	0.117454933	1.216003917	0.22398343	0.892989918
<i>Tmem38a</i>	0.024492367	0.169671752	0.144351468	0.885222938	0.992886758
<i>Nwd1</i>	0.060719019	0.73936029	0.082123722	0.93454833	0.994688009
<i>Sin3b</i>	0.249648569	0.121324561	2.05769193	0.039619716	0.679118604
<i>F2rl3</i>	0.730882331	0.815255483	0.896507103	0.369981988	0.928436166
<i>Large</i>	-0.076516566	0.234141839	-0.326795784	0.743822348	0.988585656
<i>Hmgxb4</i>	0.069772548	0.182451305	0.382417369	0.702151809	0.988482081
<i>Tom1</i>	0.34334269	0.393874927	0.871704864	0.383369406	0.931591679
<i>Hmox1</i>	-0.267604237	0.203429822	-1.315462176	0.188354621	0.874826736
<i>Mcm5</i>	0.180333527	0.250982177	0.718511287	0.472442091	0.955003345
<i>Rasd2</i>	-0.1845744	0.639062519	-0.288820568	0.772718691	0.990678393
<i>Gm10649</i>	-0.496771876	1.705055835	-0.291352263	0.77078192	0.989990452
<i>Nr3c2</i>	-0.15653478	0.387212948	-0.40426019	0.686021396	0.98538669
<i>Arhgap10</i>	-0.010606672	0.217294997	-0.048812317	0.961068866	0.996474415
<i>0610038B21Rik</i>	0.897573814	1.029850932	0.871557025	0.383450084	0.931591679
<i>Prmt10</i>	-0.004968708	0.181989519	-0.027302165	0.97821873	0.997262526
<i>Tmem184c</i>	0.071297147	0.161315932	0.441972136	0.658509369	0.979746192
<i>Ednra</i>	-0.406156106	0.186483946	-2.177968204	0.029408404	0.64858361
<i>Ttc29</i>	-0.085546467	0.175412663	-0.487686955	0.625771593	0.97639266
<i>Rbmxl1</i>	0.061873202	0.137716297	0.449280176	0.653229557	0.979004493
<i>Slc10a7</i>	-0.273909135	0.160995105	-1.7013507	0.088877153	0.767814344
<i>Lsm6</i>	0.088416903	0.160031552	0.552496693	0.5806081	0.971613657
<i>Zfp827</i>	0.11929418	0.474677462	0.251316293	0.801569579	0.990988839
<i>Mmaa</i>	0.178175765	0.178415004	0.998659089	0.317959865	0.91640698
<i>Gm4890</i>	0.387996606	0.479822362	0.808625518	0.418730582	0.943415794
<i>Smad1</i>	-0.091631891	0.193848249	-0.472699091	0.636427875	0.977284137
<i>Otud4</i>	-0.064627283	0.225975248	-0.285992751	0.774883674	0.990861469
<i>Abce1</i>	-0.073715784	0.0947669	-0.777864252	0.436649045	0.946762848
<i>Anapc10</i>	0.382964129	0.192801132	1.986316806	0.046998158	0.698868643
<i>Hhip</i>	0.123915508	0.344608065	0.359583889	0.719158334	0.988585656
<i>Gypa</i>	-0.205319371	0.72191245	-0.284410347	0.77609593	0.990861469
<i>Frem3</i>	-0.651312882	1.604061948	-0.406039731	0.684713408	0.985105247
<i>Smarca5</i>	-0.191005075	0.152569078	-1.251925208	0.210597118	0.884340413
<i>Gab1</i>	-0.015616809	0.158898552	-0.098281632	0.921708663	0.994688009
<i>Usp38</i>	-0.130185036	0.170723542	-0.76254882	0.445732517	0.948476747
<i>Inpp4b</i>	-0.399030346	0.194884169	-2.04752571	0.040606495	0.679118604
<i>Il15</i>	0.045680389	0.222961824	0.204879866	0.837665986	0.992886758
<i>Zfp330</i>	0.209151914	0.135255154	1.546350787	0.122019873	0.816233249
<i>Rnf150</i>	0.003734969	0.225007288	0.016599324	0.986756264	0.998148029

<i>Tbc1d9</i>	0.062385778	0.25242607	0.247144751	0.804796202	0.990988839
<i>Ucp1</i>	-1.592840853	1.381261587	-1.153178274	0.248837219	0.896939594
<i>Elmod2</i>	0.01132703	0.157963077	0.071706821	0.942835228	0.994744476
<i>Clgn</i>	0.047638952	1.933093366	0.024643896	0.980339006	0.997296835
<i>Scoc</i>	-0.146010985	0.118428984	-1.232899079	0.217613419	0.887633697
<i>Ndufb7</i>	0.275229177	0.179102435	1.536713765	0.124363419	0.821164769
<i>Tecr</i>	0.02745851	0.173753005	0.158031858	0.874431695	0.992886758
<i>Dnajb1</i>	-0.111581219	0.199527833	-0.559226338	0.57600726	0.971613657
<i>Gipc1</i>	0.150501178	0.129117601	1.165613182	0.243770876	0.896939594
<i>Ptger1</i>	-0.126943511	0.224605283	-0.565184883	0.571948018	0.971613657
<i>Pkn1</i>	0.214732975	0.151516291	1.417226976	0.156416577	0.855455553
<i>Ddx39</i>	0.026135898	0.126179405	0.207132841	0.835906115	0.992886758
<i>Adgre5</i>	0.04178417	0.126082911	0.331402331	0.740340605	0.988585656
<i>Adgrl1</i>	0.084090308	0.199340993	0.42184152	0.673140698	0.983375962
<i>Asf1b</i>	-0.166085159	0.491942937	-0.337610617	0.73565664	0.988585656
<i>Prkaca</i>	-0.172371656	0.183178311	-0.941004724	0.346702438	0.921552698
<i>Samd1</i>	-0.022417129	0.19475012	-0.115107139	0.908360202	0.994688009
<i>1700067K01Rik</i>	-0.170010926	0.769479332	-0.22094281	0.825136964	0.992886758
<i>2210011C24Rik</i>	0.097673828	0.164425775	0.594029909	0.552492109	0.968926429
<i>Palm3</i>	0.353110814	1.24561231	0.283483722	0.776806058	0.990861469
<i>Il27ra</i>	-0.512142056	0.339784623	-1.507254953	0.131745319	0.827800491
<i>Rln3</i>	-0.31508386	1.339232687	-0.235271931	0.81399768	0.992048071
<i>Rfx1</i>	0.010421861	0.375753416	0.027735906	0.977872786	0.997262526
<i>Dcaf15</i>	0.039292536	0.195820444	0.200655942	0.840967612	0.992886758
<i>Podnl1</i>	0.19781791	1.204845364	0.16418531	0.869585265	0.992886758
<i>Cc2d1a</i>	0.243701486	0.273426751	0.891286186	0.372775658	0.928840865
<i>4930432K21Rik</i>	-0.157671334	0.804730716	-0.195930552	0.844664524	0.992886758
<i>Nanos3</i>	0.670951249	0.685239343	0.979148755	0.327506485	0.917115058
<i>Mir24-2</i>	0.522994887	0.390548583	1.33912888	0.18052872	0.868087032
<i>Zswim4</i>	0.64322925	0.346482344	1.85645607	0.063388579	0.728651743
<i>D8Ertd738e</i>	0.186763157	0.127269479	1.46746226	0.142250349	0.840741274
<i>Mri1</i>	-0.024412559	0.181353268	-0.134613286	0.892917636	0.993300147
<i>Ccdc130</i>	0.112622058	0.211965827	0.53132177	0.595195822	0.974001549
<i>Cacna1a</i>	-0.098075466	0.39927727	-0.245632481	0.805966743	0.99099448
<i>Ier2</i>	0.423785105	0.355571131	1.191843396	0.233322657	0.89581803
<i>Nacc1</i>	-0.10962098	0.217084065	-0.504970183	0.613579778	0.974001549
<i>Trmt1</i>	0.071503041	0.148440805	0.481693972	0.630023359	0.977034429
<i>Lyl1</i>	0.567948722	0.305982413	1.856148252	0.06343243	0.728651743
<i>Nfix</i>	0.122258736	0.214565619	0.569796489	0.568815737	0.97144955
<i>Dand5</i>	0.33245017	0.217465337	1.528750167	0.12632639	0.822708806
<i>Gadd45gip1</i>	0.228088659	0.179916987	1.267743879	0.20488943	0.883765092
<i>Rad23a</i>	-0.005190323	0.166360361	-0.031199275	0.975110618	0.997262526
<i>Calr</i>	-0.221806835	0.085385366	-2.597714886	0.009384638	0.478229167
<i>Farsa</i>	0.129553904	0.177367666	0.730425712	0.465130007	0.953083512
<i>Syce2</i>	0.16663172	0.297425699	0.560246544	0.575311284	0.971613657
<i>Gcdh</i>	-0.092897253	0.125202072	-0.741978557	0.458100327	0.952235842
<i>Klf1</i>	-1.811702129	1.92072576	-0.943238315	0.34555902	0.921434283
<i>Dnase2a</i>	-0.252445307	0.225880869	-1.117603754	0.263736265	0.897248195
<i>Mast1</i>	0.31692768	0.422818652	0.749559364	0.453520132	0.950163378
<i>Gm38426</i>	0.337119236	0.24290488	1.387865224	0.165178089	0.860011234
<i>Rnaseh2a</i>	0.16489145	0.161961438	1.0180908	0.308634807	0.9139204
<i>Prdx2</i>	0.257506989	0.194182222	1.326110016	0.184803259	0.871716376
<i>Junb</i>	0.372901084	0.414645275	0.899325535	0.36847929	0.928436166
<i>Hook2</i>	-0.096077051	0.225486527	-0.426087766	0.670043894	0.982177283
<i>Asna1</i>	0.07586203	0.131388414	0.577387514	0.563677707	0.969658675
<i>2310036O22Rik</i>	0.274834777	0.120543041	2.27997216	0.02260934	0.620006604
<i>Tnpo2</i>	-0.100515693	0.170852856	-0.588317311	0.556319328	0.968926429
<i>Fbxw9</i>	-0.001568939	0.129657974	-0.012100597	0.990345356	0.998417328
<i>Dhps</i>	0.087426257	0.162006687	0.539645977	0.589441203	0.974001549
<i>Wdr83</i>	0.150085872	0.212117858	0.707558874	0.47921924	0.957463006
<i>Wdr83os</i>	0.035721645	0.141736916	0.252027811	0.801019568	0.990988839
<i>Man2b1</i>	0.038216006	0.180038087	0.212266232	0.831899338	0.992886758

<i>Zfp791</i>	-0.25954541	0.319691584	-0.811861877	0.416870892	0.943415794
<i>Vps35</i>	0.076043326	0.129306851	0.588084274	0.556475728	0.968926429
<i>Orc6</i>	0.019845191	0.142935637	0.138840052	0.889576543	0.993043931
<i>Mylk3</i>	-0.224027855	0.325373172	-0.688525897	0.491121668	0.958916246
<i>4921524J17Rik</i>	-0.06950676	0.174982593	-0.397220997	0.6912045	0.986191149
<i>Gpt2</i>	-0.33860035	0.179285707	-1.888607607	0.058944427	0.72285319
<i>Dnaja2</i>	0.006771165	0.101981684	0.066395897	0.947062637	0.995217331
<i>Neto2</i>	-0.120736291	0.398925739	-0.302653549	0.762153901	0.989285682
<i>Itfg1</i>	-0.247563684	0.102383047	-2.418014424	0.015605458	0.557315333
<i>Phkb</i>	0.032799406	0.165216263	0.198524074	0.842635051	0.992886758
<i>Abcc12</i>	-1.729782095	1.758421319	-0.983713105	0.325256595	0.91640698
<i>Lonp2</i>	-0.040939735	0.129011462	-0.317334089	0.750990113	0.988585656
<i>Siah1a</i>	-0.05063662	0.134217804	-0.377272003	0.705971476	0.988585656
<i>Gm10638</i>	0.027118253	0.648311727	0.041829034	0.966634989	0.996474415
<i>N4bp1</i>	-0.237250154	0.190136901	-1.24778595	0.212109455	0.884945675
<i>Zfp423</i>	0.378448205	0.694755664	0.544721296	0.585945216	0.972904784
<i>Cnep1r1</i>	-0.196298764	0.11018833	-1.781484146	0.074833393	0.75241101
<i>Heatr3</i>	0.024868362	0.184024917	0.135135843	0.892504472	0.993300147
<i>Papd5</i>	-0.245004212	0.223823377	-1.094631917	0.273677927	0.899400109
<i>Adcy7</i>	0.104670289	0.160356473	0.65273504	0.513927109	0.964352198
<i>Brd7</i>	-0.040515728	0.126401061	-0.320533133	0.748564218	0.988585656
<i>Nkd1</i>	-0.106766398	0.13792801	-0.774073355	0.438887413	0.947838535
<i>Snx20</i>	0.046949958	0.214735892	0.218640477	0.826930119	0.992886758
<i>Nod2</i>	-0.081421363	0.445817401	-0.182633883	0.855085297	0.992886758
<i>Cyld</i>	-0.065832767	0.1619125	-0.406594719	0.684305677	0.985105247
<i>Tox3</i>	-0.666095315	0.327468537	-2.034074237	0.041944111	0.679118604
<i>Chd9</i>	0.209619404	0.211754575	0.989916767	0.322214803	0.91640698
<i>Rbl2</i>	-0.359678157	0.19897706	-1.807636303	0.070663124	0.744227652
<i>Aktip</i>	0.102546703	0.130821022	0.783870219	0.433116266	0.946239431
<i>Rpgrip1l</i>	0.107053045	0.149369348	0.716700223	0.473559088	0.955974667
<i>Fto</i>	-0.28136697	0.212543237	-1.323810508	0.185565985	0.87179632
<i>Irx3</i>	-0.025299918	0.216452305	-0.116884494	0.906951586	0.994688009
<i>Crnde</i>	0.196112534	0.201437398	0.973565666	0.330272241	0.917115058
<i>Irx5</i>	-0.399266228	0.203367822	-1.963271393	0.049614648	0.707153766
<i>Mmp2</i>	-0.472172966	0.262822399	-1.796547662	0.07240746	0.74633396
<i>Lpcat2</i>	-0.44351507	0.237543133	-1.867092788	0.061888631	0.725730283
<i>Slc6a2</i>	-0.123106961	0.257668759	-0.477772168	0.632812372	0.977034429
<i>Ces1b</i>	1.015331364	0.624797844	1.625055806	0.104150668	0.79155232
<i>Ces1c</i>	0.115991412	4.03051846	0.028778286	0.977041419	0.997262526
<i>Ces1d</i>	-0.030435683	0.163036464	-0.18668022	0.851911366	0.992886758
<i>Ces1e</i>	0.140430265	0.234463744	0.598942349	0.54921133	0.968926429
<i>Ces1f</i>	0.387471154	0.640063405	0.605363704	0.544937362	0.967491297
<i>Ces1g</i>	1.20424615	0.836115631	1.440286613	0.149786327	0.848779008
<i>Gnao1</i>	-0.171485791	0.389446611	-0.440331964	0.659696693	0.979924124
<i>Amfr</i>	-0.119165971	0.09582966	-1.243518669	0.213676766	0.884945675
<i>Nudt21</i>	0.05269446	0.145740996	0.361562373	0.717679087	0.988585656
<i>Ogfod1</i>	-0.095781032	0.215887142	-0.443662512	0.657286603	0.979614766
<i>Bbs2</i>	-0.151846201	0.17737392	-0.856079636	0.391953732	0.933734231
<i>Mt3</i>	0.425714291	0.629386923	0.676395196	0.498789766	0.960700483
<i>Mt2</i>	-0.664105927	0.413043732	-1.607834414	0.107871449	0.796929372
<i>Mt1</i>	-0.20891545	0.2707498	-0.771618114	0.440340643	0.947849924
<i>Nup93</i>	-0.044035967	0.219913606	-0.200242122	0.841291225	0.992886758
<i>Slc12a3</i>	0.550991537	1.637959175	0.336389054	0.736577503	0.988585656
<i>Herpud1</i>	-0.396371606	0.149606078	-2.649435172	0.008062644	0.461890481
<i>9330175E14Rik</i>	3.063467671	1.901781902	1.61084069	0.10721445	0.796401421
<i>Nlrc5</i>	0.479296495	0.279173399	1.716841564	0.086008124	0.763596872
<i>Cpne2</i>	0.481501543	0.347104236	1.387195813	0.165382062	0.860011234
<i>Fam192a</i>	0.102141031	0.12637136	0.808260911	0.4189404	0.943415794
<i>Rspry1</i>	-0.10628238	0.181848062	-0.584457042	0.558912859	0.968926429
<i>Arl2bp</i>	0.12452527	0.093365178	1.333744257	0.182287685	0.868546072
<i>Plip</i>	0.158054189	0.142460396	1.109460554	0.267231552	0.89804647
<i>Ccl22</i>	-0.978000167	0.346488341	-2.822606279	0.004763503	0.391906015

<i>Cx3cl1</i>	-0.57673679	0.255450895	-2.257720762	0.023963074	0.622011301
<i>Ccl17</i>	-0.655191062	0.396303403	-1.65325621	0.098278731	0.786907305
<i>Ciapi1</i>	0.260170487	0.144382457	1.801953591	0.071552708	0.744227652
<i>Coq9</i>	0.083649182	0.133063917	0.628639105	0.529585353	0.965637248
<i>Polr2c</i>	0.135969385	0.153660324	0.884869832	0.376226841	0.928883222
<i>Dok4</i>	0.278456716	0.147943353	1.882184704	0.059810942	0.725221283
<i>Ccdc102a</i>	-0.049433749	0.263322633	-0.187730724	0.851087744	0.992886758
<i>Adgrg5</i>	0.841789002	0.746503023	1.127643126	0.259470666	0.897248195
<i>Adgrg1</i>	-0.188953667	0.228865519	-0.825610026	0.409025346	0.940768024
<i>Adgrg3</i>	-0.630311359	0.422013697	-1.493580335	0.135285343	0.830377364
<i>Drc7</i>	-0.114140162	0.310555937	-0.367534953	0.713220025	0.988585656
<i>Katnb1</i>	-0.114780376	0.249502382	-0.460037195	0.645489523	0.979004493
<i>Kifc3</i>	-0.044373379	0.144133573	-0.307862896	0.75818666	0.989266039
<i>Tepp</i>	0.789589373	0.526950844	1.498411819	0.134026287	0.827800491
<i>Zfp319</i>	-0.066661401	0.288633087	-0.230955508	0.817349367	0.992678823
<i>Usb1</i>	0.368982856	0.147886097	2.49504764	0.012594022	0.525888996
<i>Mmp15</i>	-0.068526137	0.263224052	-0.260333872	0.794606247	0.990988839
<i>Cfap20</i>	-0.10152884	0.096674812	-1.050209856	0.293621639	0.907334416
<i>Csnk2a2</i>	-0.032345084	0.174362292	-0.18550504	0.852832928	0.992886758
<i>Ccdc113</i>	0.01081577	0.150658761	0.071789853	0.942769148	0.994744476
<i>Gins3</i>	0.331138959	0.386779508	0.856144008	0.391918129	0.933734231
<i>Ndr4</i>	0.179721708	0.528644412	0.339967101	0.733881303	0.988585656
<i>Setd6</i>	0.117228989	0.232632558	0.503923398	0.614315207	0.974001549
<i>Cnot1</i>	-0.176269757	0.132096157	-1.334404888	0.182071199	0.868546072
<i>4930513N10Rik</i>	0.344866376	0.540478015	0.638076604	0.523423815	0.965637248
<i>Slc38a7</i>	-0.074559628	0.320243127	-0.232821946	0.81589967	0.992524109
<i>Got2</i>	0.021213504	0.161303709	0.13151281	0.895369653	0.993618558
<i>Cdh11</i>	-0.13222766	0.15404539	-0.858368172	0.390689197	0.933734231
<i>Cdh5</i>	-0.206393509	0.161234949	-1.28007923	0.200517273	0.880888611
<i>Bean1</i>	0.298662692	1.593102614	0.18747235	0.8512903	0.992886758
<i>Tk2</i>	0.267327872	0.127834598	2.091201261	0.036510026	0.677009445
<i>Cklf</i>	0.442179719	0.226668078	1.950780732	0.051083135	0.707153766
<i>Cmtm2b</i>	0.635293881	0.816208147	0.77834788	0.436363956	0.946762848
<i>Cmtm3</i>	0.040272358	0.124096551	0.324524397	0.745541055	0.988585656
<i>Cmtm4</i>	-0.311852144	0.128087842	-2.434674035	0.01490521	0.554936045
<i>Dync1li2</i>	-0.134577029	0.13752843	-0.978539702	0.327807465	0.917115058
<i>Ccdc79</i>	-0.564772969	0.873465267	-0.646588926	0.517898027	0.964437658
<i>Nae1</i>	0.02451254	0.106082535	0.231070456	0.817260067	0.992678823
<i>Car7</i>	0.995090714	1.063529785	0.935649126	0.349453872	0.921585102
<i>Pdp2</i>	-0.654256256	0.400647116	-1.63299879	0.102469251	0.789151138
<i>Cdh16</i>	-0.441035765	0.374681946	-1.177093718	0.239158102	0.896609492
<i>Rrad</i>	-0.269907519	0.384556295	-0.701867379	0.482761874	0.957463006
<i>Fam96b</i>	0.327345705	0.174872094	1.871915058	0.061218356	0.725221283
<i>Ces2b</i>	-0.255306117	0.526657715	-0.48476669	0.627841854	0.976968316
<i>Ces2c</i>	0.94047711	1.03236478	0.910993022	0.36229905	0.926455466
<i>Ces2e</i>	-0.411228895	0.286994897	-1.432878771	0.151892485	0.852599143
<i>Ces2g</i>	0.069853516	0.175326544	0.398419511	0.690320978	0.986002801
<i>Cbfb</i>	0.135862152	0.112131236	1.211635192	0.225652057	0.89336109
<i>D230025D16Rik</i>	-0.326661857	0.134424851	-2.430070445	0.015095888	0.555113898
<i>B3gnt9</i>	-0.076094022	0.20801973	-0.365801945	0.714512868	0.988585656
<i>Tradd</i>	0.064638773	0.12725984	0.507927506	0.611504184	0.974001549
<i>Fbxl8</i>	0.126547879	0.309578971	0.408774144	0.682705417	0.984738223
<i>Hsf4</i>	-0.36632322	0.331062386	-1.106508123	0.26850665	0.89804647
<i>Nol3</i>	-0.056466345	0.192807597	-0.292863692	0.769626342	0.989990452
<i>4931428F04Rik</i>	0.396479809	0.478184669	0.829135342	0.407027827	0.939557159
<i>Exoc3l</i>	0.101938634	0.276656877	0.368465934	0.712525842	0.988585656
<i>E2f4</i>	0.0372265	0.185474707	0.200709305	0.840925883	0.992886758
<i>Elmo3</i>	-0.234410265	0.164423314	-1.425651019	0.153969102	0.854159937
<i>Lrrc29</i>	0.567368533	0.558349317	1.016153358	0.309556363	0.9139204
<i>Tmem208</i>	0.29646169	0.197617345	1.500180511	0.13356765	0.827800491
<i>Fhod1</i>	-0.08083035	0.16940013	-0.477156363	0.633250782	0.977034429
<i>Slc9a5</i>	-0.132332683	0.377784626	-0.350286045	0.726124037	0.988585656

<i>Plekkg4</i>	-0.233533845	1.841025994	-0.126849836	0.899059251	0.99447264
<i>Kctd19</i>	-0.920566697	1.860135554	-0.494892265	0.620676171	0.975058198
<i>Lrrc36</i>	-0.254335183	0.212381443	-1.197539579	0.23109631	0.895404344
<i>Tppp3</i>	0.108512896	0.145192978	0.747370135	0.454840168	0.951220112
<i>Zdhhc1</i>	0.127741668	0.158384435	0.806529174	0.419937793	0.943415794
<i>Hsd11b2</i>	-0.794766102	0.884253381	-0.898799054	0.368759704	0.928436166
<i>Atp6v0d1</i>	-0.145511155	0.083823261	-1.735928099	0.082576549	0.76099108
<i>Agrp</i>	0.143607781	0.429854186	0.334084873	0.738315514	0.988585656
<i>Fam65a</i>	-0.143326614	0.168267437	-0.85177867	0.394336947	0.933796635
<i>Ctcf</i>	0.013964002	0.116793027	0.119561952	0.904830161	0.994688009
<i>Rltpr</i>	-0.204982699	0.653676239	-0.313584443	0.753836677	0.988585656
<i>Acd</i>	0.199477394	0.282195203	0.706877339	0.479642708	0.957463006
<i>Pard6a</i>	-0.093353235	0.17449081	-0.535003734	0.592647275	0.974001549
<i>Enkd1</i>	0.042437373	0.199387267	0.212838931	0.831452597	0.992886758
<i>Gfod2</i>	0.046849754	0.175460358	0.267010475	0.789461096	0.990988839
<i>Ranbp10</i>	0.001005758	0.220439084	0.004562523	0.996359646	0.999379819
<i>Tsnaxip1</i>	-0.191333706	0.304144677	-0.6290878	0.529291577	0.965637248
<i>Cenpt</i>	0.089025626	0.284113531	0.313345253	0.754018373	0.988744517
<i>Thap11</i>	-0.075548622	0.142101989	-0.531650705	0.59496794	0.974001549
<i>Nutf2</i>	-0.383649092	0.372142666	-1.030919395	0.302578621	0.911518274
<i>Edc4</i>	-0.041719782	0.188802607	-0.220970371	0.825115503	0.992886758
<i>Nrn1l</i>	-0.628926426	0.820451716	-0.766561168	0.443342471	0.948476747
<i>Pskh1</i>	-0.016562437	0.237419516	-0.069760217	0.944384512	0.99486515
<i>Ctrl</i>	2.410863151	1.692550024	1.424396985	0.154331587	0.854159937
<i>Psmb10</i>	0.064525296	0.12570524	0.513306334	0.607737054	0.974001549
<i>Lcat</i>	-0.395334172	0.684728635	-0.577358901	0.563697032	0.969658675
<i>Slc12a4</i>	0.015666075	0.180322101	0.086878286	0.930768259	0.994688009
<i>Dpep2</i>	-0.034758014	0.179544008	-0.193590497	0.846496539	0.992886758
<i>Ddx28</i>	-0.123567193	0.188205904	-0.656553221	0.511468236	0.963452765
<i>Dus2</i>	-0.12644333	0.250031476	-0.50570965	0.613060493	0.974001549
<i>Nfatc3</i>	-0.043396992	0.159667142	-0.271796632	0.785778395	0.990988839
<i>Esrp2</i>	-0.183871173	0.211391967	-0.869811544	0.384403402	0.931689378
<i>1810019D21Rik</i>	-0.064810338	0.212351094	-0.305203691	0.760211021	0.989266039
<i>Pla2g15</i>	-0.035035548	0.156697338	-0.223587386	0.82307838	0.992886758
<i>Slc7a6</i>	-0.411164351	0.138894632	-2.960260911	0.003073786	0.346777009
<i>Slc7a6os</i>	0.31010498	0.127496539	2.432261946	0.015004851	0.554936045
<i>Prmt7</i>	0.200428072	0.151349416	1.324273833	0.185412118	0.871716376
<i>Smpd3</i>	-0.148533968	0.44231804	-0.335808071	0.737015604	0.988585656
<i>Zfp90</i>	0.245169331	0.213844142	1.146486077	0.251594085	0.896939594
<i>Cdh3</i>	-0.776738056	0.822955093	-0.943840147	0.345251341	0.92132235
<i>Cdh1</i>	-0.213740157	0.097163023	-2.199809671	0.027820402	0.637954629
<i>Tango6</i>	-0.487908762	0.241197863	-2.022856904	0.043087903	0.685056403
<i>Has3</i>	-0.394874682	0.768518505	-0.513812848	0.607382844	0.974001549
<i>Chtf8</i>	-0.134405499	0.130154729	-1.03265936	0.301763339	0.911518274
<i>Cirh1a</i>	-0.071542098	0.228106506	-0.313634622	0.753798561	0.988585656
<i>Sntb2</i>	-0.150744676	0.253359029	-0.594984422	0.551853884	0.968926429
<i>Vps4a</i>	0.067926914	0.108321605	0.627085552	0.530603157	0.966026275
<i>Pdf</i>	0.116829634	0.172815269	0.676037683	0.49901672	0.960700483
<i>Cog8</i>	-0.151040317	0.190890078	-0.791242369	0.428802572	0.945321484
<i>Nip7</i>	0.1560916	0.149840459	1.041718645	0.297542142	0.909070179
<i>Tmed6</i>	0.384347749	0.70915636	0.541978851	0.587833075	0.973455044
<i>Terf2</i>	-0.178762263	0.226262116	-0.79006714	0.429488559	0.945321484
<i>Cyb5b</i>	-0.056831077	0.093422306	-0.608324491	0.542972281	0.967491297
<i>Nfat5</i>	-0.078071785	0.206403213	-0.378248885	0.705245713	0.988585656
<i>Nqo1</i>	0.377615678	0.611623895	0.617398503	0.536971909	0.96674935
<i>Nob1</i>	0.20161494	0.291288823	0.692147875	0.488844469	0.958560421
<i>Wwp2</i>	0.093079902	0.133080629	0.699424874	0.484286547	0.957710647
<i>Psm7</i>	-0.065990203	0.095533612	-0.69075377	0.489720292	0.958560421
<i>Lncbate1</i>	-1.024465599	0.963845116	-1.062894423	0.287829833	0.907334416
<i>Zfhx3</i>	0.366190755	0.296723716	1.23411354	0.217160599	0.887633697
<i>Gm1943</i>	-0.177653984	0.345534712	-0.514142219	0.607152562	0.974001549
<i>Dhx38</i>	-0.174577	0.246843696	-0.707237018	0.479419198	0.957463006

<i>Txn14b</i>	0.178449134	0.202632974	0.880652002	0.378506203	0.929137643
<i>Hp</i>	-0.062922719	0.167479903	-0.375703102	0.707137631	0.988585656
<i>Dhodh</i>	-0.030009012	0.173091379	-0.17337092	0.862359881	0.992886758
<i>Pkd1l3</i>	-1.077740146	0.954116007	-1.129569296	0.258657755	0.897248195
<i>Ist1</i>	-0.198166778	0.10504894	-1.886423391	0.059237923	0.72285319
<i>Zfp821</i>	-0.146578174	0.183996573	-0.796635348	0.425662842	0.944290206
<i>Atxn1l</i>	0.189118266	0.207576252	0.911078526	0.362254	0.926455466
<i>Ap1g1</i>	-0.123457382	0.124515137	-0.991505008	0.321439048	0.91640698
<i>Phlpp2</i>	-0.083963542	0.3052729	-0.275044203	0.783282278	0.990988839
<i>Marveld3</i>	0.021962812	0.173574598	0.126532409	0.899310497	0.99447264
<i>Tat</i>	-0.419432119	0.780168324	-0.537617468	0.590841168	0.974001549
<i>Chst4</i>	-0.383485572	0.344204485	-1.11412137	0.265227122	0.89768067
<i>Zfp612</i>	-0.026683996	0.335251577	-0.079593945	0.936560211	0.994688009
<i>Cmtr2</i>	-0.401900402	0.171226596	-2.347184442	0.018915888	0.590246276
<i>Hydin</i>	0.098143611	0.344134504	0.285189685	0.775498823	0.990861469
<i>Vac14</i>	-0.038135602	0.221926256	-0.171839073	0.863564047	0.992886758
<i>Mtss1l</i>	0.037921249	0.26898606	0.140978493	0.887886933	0.992886758
<i>Il34</i>	-0.06037112	0.183072165	-0.32976679	0.741576183	0.988585656
<i>Sf3b3</i>	-0.294597204	0.19847729	-1.484286706	0.137732876	0.833085238
<i>Cog4</i>	-0.119755145	0.11398966	-1.050579016	0.293451983	0.907334416
<i>Fuk</i>	0.158881491	0.269829783	0.58882118	0.555981236	0.968926429
<i>St3gal2</i>	0.024304079	0.192571636	0.126207988	0.899567288	0.99447264
<i>Ddx19a</i>	0.027770527	0.132531817	0.209538568	0.834027831	0.992886758
<i>Ddx19b</i>	-0.042710575	0.202921243	-0.210478577	0.83329417	0.992886758
<i>Aars</i>	-0.192489192	0.22015947	-0.87431711	0.381945584	0.930635634
<i>Exosc6</i>	-0.018332888	0.194253223	-0.094376236	0.924810292	0.994688009
<i>Pdpr</i>	0.122220434	0.510863848	0.239242677	0.810917412	0.991600404
<i>9430091E24Rik</i>	-0.1888345	0.502846462	-0.375531129	0.7072655	0.988585656
<i>Glg1</i>	-0.140519629	0.278447261	-0.504654375	0.613801611	0.974001549
<i>Rfwd3</i>	0.227570672	0.139673873	1.629300219	0.10324948	0.790843776
<i>Mkl1</i>	0.193099232	0.256318791	0.753355738	0.451236173	0.949134998
<i>Fa2h</i>	4.222154418	3.001040537	1.40689683	0.159457984	0.856630464
<i>Wdr59</i>	-0.07675581	0.229984673	-0.333743154	0.738573383	0.988585656
<i>Znrf1</i>	0.025399062	0.170342836	0.14910555	0.881470347	0.992886758
<i>Ldhd</i>	-0.261799024	0.258766994	-1.011717225	0.311673277	0.914819219
<i>Zfp1</i>	-0.208447406	0.263886771	-0.789912298	0.429578989	0.945321484
<i>Bcar1</i>	-0.076237328	0.200718953	-0.379821271	0.704078092	0.988585656
<i>Cfdp1</i>	0.124238747	0.130142313	0.954637617	0.339760987	0.919246575
<i>Tmem170</i>	-0.122576555	0.219567003	-0.558264921	0.576663495	0.971613657
<i>Chst5</i>	0.412757981	0.507996895	0.812520677	0.416492927	0.943415794
<i>Tmem231</i>	-0.032151726	0.261140674	-0.12312033	0.902011813	0.994688009
<i>Gabarapl2</i>	0.176803637	0.170492103	1.037019508	0.299726765	0.910105802
<i>Adat1</i>	0.245472317	0.349469079	0.702414981	0.482420405	0.957463006
<i>Kars</i>	0.038227223	0.113777951	0.335980941	0.736885239	0.988585656
<i>Terf2ip</i>	0.111184601	0.112380417	0.989359208	0.322487425	0.91640698
<i>Mon1b</i>	-0.01646671	0.245076984	-0.067189947	0.946430488	0.995065399
<i>Nudt7</i>	0.20344463	0.198607478	1.024355332	0.305667472	0.91333012
<i>Vat1l</i>	0.214833898	1.987753539	0.10807874	0.913933232	0.994688009
<i>Wwox</i>	0.084102233	0.37129277	0.226511906	0.8208033	0.992886758
<i>Maf</i>	0.146371091	0.221110198	0.661982543	0.50798241	0.963106419
<i>Dynlrb2</i>	-0.079534215	0.145909967	-0.545091037	0.585690907	0.972904784
<i>Cdyl2</i>	-0.000466841	0.433862249	-0.001076011	0.999141468	0.999886097
<i>Cmc2</i>	0.117519828	0.157222457	0.74747482	0.454776997	0.951209842
<i>Cenpn</i>	1.489536661	0.754211279	1.974959408	0.048272755	0.706226941
<i>Atmin</i>	0.367094258	0.238658124	1.538159488	0.124009624	0.820382953
<i>1700030J22Rik</i>	-0.101219827	0.490406713	-0.206399758	0.83647866	0.992886758
<i>Gcsh</i>	0.067259288	0.173203605	0.388324988	0.697775548	0.987577127
<i>Bco1</i>	-0.685885149	0.763634837	-0.89818473	0.369087073	0.928436166
<i>Gan</i>	0.245739349	0.339398652	0.724043386	0.4690391	0.954387011
<i>Cmip</i>	-0.288511584	0.260616585	-1.107034629	0.268278957	0.89804647
<i>Plcg2</i>	0.179711095	0.359659654	0.499669875	0.617307548	0.974001549
<i>Sdr42e1</i>	-0.399853862	0.297425481	-1.344383339	0.178824459	0.867377413

<i>Hsd17b2</i>	-1.210782833	2.047091258	-0.591465001	0.554208899	0.968926429
<i>Mphosph6</i>	0.163323063	0.134449001	1.214758477	0.224458222	0.892989918
<i>Cdh13</i>	-0.946728841	0.483184305	-1.959353461	0.050071407	0.707153766
<i>Hsbp1</i>	0.391608277	0.147562742	2.653842498	0.007958096	0.457546335
<i>Mlycd</i>	0.160195788	0.137214166	1.167487245	0.243013656	0.896939594
<i>Osgin1</i>	-0.397190553	0.239297469	-1.659819282	0.096950813	0.782676152
<i>Necab2</i>	-0.627943577	1.23403783	-0.508852777	0.610855422	0.974001549
<i>Mbtps1</i>	0.007165786	0.16884061	0.042441131	0.96614704	0.996474415
<i>Hsd11</i>	0.072781035	0.114326454	0.636607121	0.524380785	0.965637248
<i>Dnaaf1</i>	-0.107012785	0.297577192	-0.359613531	0.719136164	0.988585656
<i>Taf1c</i>	-0.559517948	0.349370443	-1.601503388	0.10926547	0.798400564
<i>Wfdc1</i>	-0.165584199	0.179522065	-0.922361265	0.356340167	0.924354588
<i>Atp2c2</i>	-0.417887567	0.335763319	-1.244589698	0.213282609	0.884945675
<i>Tldc1</i>	-0.275591665	0.233297543	-1.181288329	0.237488202	0.896609492
<i>Cotl1</i>	0.008273837	0.154919407	0.053407366	0.957407337	0.996226826
<i>Klhl36</i>	0.22634886	0.271731751	0.832986426	0.404852385	0.938874266
<i>Usp10</i>	-0.122622922	0.150156536	-0.816633932	0.414137658	0.943415794
<i>Crispld2</i>	-0.052833198	0.175121796	-0.301694014	0.762885332	0.989285682
<i>Zdhhc7</i>	-0.050440611	0.145778707	-0.346008081	0.729336642	0.988585656
<i>6430548M08Rik</i>	0.109391719	0.17888501	0.611519766	0.540855537	0.966989525
<i>Fam92b</i>	-0.312480808	0.160362926	-1.948585097	0.051344993	0.707153766
<i>Gse1</i>	0.238589731	0.275280246	0.866715771	0.386097762	0.932379553
<i>Gins2</i>	0.334027698	0.286479155	1.165975577	0.24362432	0.896939594
<i>Emc8</i>	0.083577416	0.160495693	0.520745538	0.602544047	0.974001549
<i>Cox4i1</i>	0.372017294	0.240987406	1.543720894	0.122655962	0.817788082
<i>Irf8</i>	0.310525928	0.153808767	2.018909162	0.043496662	0.687169821
<i>Fendrr</i>	-0.012758588	0.166905327	-0.076442069	0.939067402	0.994688009
<i>Foxf1</i>	-0.186812794	0.107686766	-1.734779507	0.082779867	0.76099108
<i>Mthfsd</i>	0.233036163	0.194235699	1.199759697	0.230232681	0.895404344
<i>Foxc2</i>	-0.093962411	1.323572927	-0.070991487	0.94340453	0.99486515
<i>Foxl1</i>	0.562203639	0.490302753	1.146645896	0.251528	0.896939594
<i>Fbxo31</i>	-0.157195229	0.17060852	-0.921379714	0.356852216	0.924354588
<i>Map1lc3b</i>	0.096959389	0.132262573	0.733082585	0.463508061	0.953083512
<i>Zcchc14</i>	-0.124333582	0.233135336	-0.533310757	0.593818483	0.974001549
<i>Klhdc4</i>	0.300513255	0.168537322	1.78306651	0.074575477	0.75241101
<i>Slc7a5</i>	-0.430923575	0.551700789	-0.781082034	0.434754248	0.946762848
<i>Banp</i>	-0.213484867	0.235964592	-0.904732633	0.365607048	0.926760795
<i>Zfpm1</i>	-0.156071047	0.314415957	-0.49638399	0.619623518	0.974471036
<i>Zc3h18</i>	0.174901302	0.178833157	0.978013833	0.328067482	0.917115058
<i>Cyba</i>	0.316684083	0.174819315	1.81149367	0.070064468	0.744227652
<i>Mvd</i>	-0.103190264	0.178620367	-0.577707156	0.563461847	0.969658675
<i>9330133O14Rik</i>	-0.121403817	0.320824894	-0.378411462	0.705124954	0.988585656
<i>Snai3</i>	-0.749621386	1.662665308	-0.450855252	0.652093877	0.979004493
<i>Rnf166</i>	0.157996742	0.130761007	1.20828637	0.226937129	0.89398447
<i>Ctu2</i>	0.319114623	0.175577571	1.817513597	0.069138508	0.743426713
<i>Piezo1</i>	0.146072838	0.321871852	0.453822963	0.649956254	0.979004493
<i>Cdt1</i>	-0.48421966	0.404282406	-1.197726274	0.231023597	0.895404344
<i>Aprt</i>	0.040002967	0.145066133	0.27575676	0.782734897	0.990988839
<i>Galns</i>	-0.368676498	0.252155913	-1.462097375	0.143714528	0.841934045
<i>Trappc2l</i>	0.14382536	0.197069324	0.729821145	0.465499518	0.953083512
<i>Pabpn1l</i>	2.215816301	1.673345685	1.324183234	0.185442198	0.871716376
<i>Cbfa2t3</i>	-0.24358148	0.301378354	-0.808224867	0.418961145	0.943415794
<i>Acsf3</i>	-0.072607432	0.218790833	-0.331857744	0.739996679	0.988585656
<i>Cdh15</i>	-0.288943922	0.970590141	-0.297699214	0.765932744	0.989884648
<i>Ankrd11</i>	-0.231317098	0.153987086	-1.502185044	0.133049326	0.827800491
<i>2810013P06Rik</i>	0.415041649	0.18623181	2.228629193	0.025838587	0.631530315
<i>Spg7</i>	0.015573383	0.155322607	0.100264754	0.920134138	0.994688009
<i>Rpl13</i>	0.146898142	0.127212132	1.154749469	0.248193035	0.896939594
<i>Cpne7</i>	0.025868321	1.165919663	0.022187053	0.982298745	0.997390438
<i>Sult5a1</i>	-0.134112843	0.294022119	-0.456131815	0.648295194	0.979004493
<i>Dpep1</i>	0.002540443	0.172561474	0.01472196	0.988254	0.998148029
<i>Chmp1a</i>	0.021781209	0.101125986	0.215386868	0.829465708	0.992886758

<i>Spata33</i>	0.368863931	0.403684964	0.913742061	0.360852397	0.926066817
<i>Cdk10</i>	0.115712396	0.131581535	0.879396915	0.379186104	0.929137643
<i>Spata2l</i>	0.649961843	0.64551422	1.006890045	0.313987616	0.91586731
<i>Vps9d1</i>	0.175474959	0.178228325	0.984551471	0.324844437	0.91640698
<i>Zfp276</i>	0.032295349	0.237117191	0.136199948	0.891663216	0.993043931
<i>Fanca</i>	-0.041148931	0.288215249	-0.142771528	0.886470624	0.992886758
<i>Spire2</i>	-0.211075	0.35317544	-0.597649144	0.550074066	0.968926429
<i>Tcf25</i>	-0.095200999	0.099583178	-0.955994782	0.339074871	0.919246575
<i>Tubb3</i>	-2.025154692	1.1314425	-1.789887416	0.073472012	0.748833631
<i>Def8</i>	0.065294248	0.226050634	0.288847884	0.772697787	0.990678393
<i>Afg3l1</i>	0.003982807	0.148864733	0.026754536	0.978655516	0.997262526
<i>Dbnidd1</i>	-0.430625035	0.372788914	-1.155144421	0.24803129	0.896939594
<i>Gas8</i>	0.056554103	0.281560144	0.200859761	0.840808233	0.992886758
<i>Rhou</i>	0.176006822	0.235231496	0.748228128	0.454322568	0.950990329
<i>6030466F02Rik</i>	1.246067293	1.252187313	0.995112536	0.319681534	0.91640698
<i>Rab4a</i>	0.050191416	0.24346953	0.206150707	0.836673191	0.992886758
<i>Ccsap</i>	0.326079197	0.435795075	0.748239748	0.45431556	0.950990329
<i>Acta1</i>	-0.626466077	1.567961421	-0.399541767	0.689494055	0.985586538
<i>Nup133</i>	0.039516511	0.244164577	0.161843751	0.871428899	0.992886758
<i>Abcb10</i>	0.089515593	0.13438206	0.666127553	0.505329575	0.962138588
<i>Taf5l</i>	-0.135582944	0.162086058	-0.836487393	0.402880766	0.937834293
<i>Urb2</i>	-0.528095944	0.3527602	-1.497039473	0.134382987	0.828263887
<i>Galnt2</i>	-0.115639845	0.113613726	-1.017833394	0.308757139	0.9139204
<i>Pgbd5</i>	-1.568809936	1.80460815	-0.869335504	0.384663649	0.931689378
<i>Cog2</i>	0.003682541	0.123159131	0.02990067	0.976146271	0.997262526
<i>Agt</i>	-0.680718005	1.118797406	-0.608437239	0.542897519	0.967491297
<i>Capn9</i>	-0.428135077	2.290717797	-0.186899965	0.851739066	0.992886758
<i>2310022B05Rik</i>	-0.423491752	0.204751122	-2.068324451	0.038609524	0.679118604
<i>Ttc13</i>	0.012540277	0.176848234	0.070909825	0.943469524	0.99486515
<i>Arv1</i>	0.297135615	0.303049463	0.980485538	0.326846505	0.916882624
<i>Fam89a</i>	-0.275010195	0.363688795	-0.756169008	0.449547872	0.948476747
<i>Trim67</i>	3.345134209	2.152410594	1.554133871	0.120152487	0.81558552
<i>2810004N23Rik</i>	0.267923943	0.19971815	1.341510238	0.179754848	0.868087032
<i>Gnpat</i>	-0.150288378	0.118552646	-1.267693159	0.204907549	0.883765092
<i>Exoc8</i>	0.168265382	0.175710354	0.957629293	0.338249723	0.919246575
<i>Sprtn</i>	0.041304916	0.291501135	0.141697272	0.88731913	0.992886758
<i>Egln1</i>	-0.097552663	0.1244235	-0.784037286	0.433018232	0.946184245
<i>Tsnax</i>	-0.006955127	0.08030392	-0.086610058	0.93098147	0.994688009
<i>Disc1</i>	0.510359749	0.42011959	1.21479636	0.224443769	0.892989918
<i>Sipa1l2</i>	0.387872359	0.263783704	1.470418197	0.141448526	0.840741274
<i>4930567H12Rik</i>	0.695102732	0.787774304	0.882362789	0.377580652	0.928883222
<i>Map10</i>	-0.228541004	0.284527696	-0.803229376	0.421842169	0.943415794
<i>Ntpcr</i>	0.121390882	0.147080389	0.825336966	0.409180311	0.940809748
<i>Pcnxl2</i>	0.004320808	0.537292672	0.008041815	0.993583629	0.999270171
<i>BC021891</i>	0.536669368	0.916658221	0.585462886	0.558236515	0.968926429
<i>Kcnk1</i>	-0.312010855	0.235178962	-1.326695436	0.184609451	0.871716376
<i>Slc35f3</i>	0.402876661	0.573674051	0.702274507	0.482507989	0.957463006
<i>Coa6</i>	0.339921732	0.187154491	1.816262762	0.069330075	0.743426713
<i>Gm17296</i>	0.084323189	0.445816226	0.189143383	0.849980441	0.992886758
<i>Irf2bp2</i>	0.108546754	0.186227639	0.582871341	0.559979915	0.968926429
<i>Tomm20</i>	0.354611223	0.28092754	1.262287146	0.20684548	0.883765092
<i>Rbm34</i>	0.134985092	0.122724177	1.099906276	0.27137296	0.89804647
<i>Pard3</i>	0.123108062	0.239029259	0.515033439	0.606529653	0.974001549
<i>Nrp1</i>	-0.160115547	0.1410368	-1.135274962	0.256260129	0.897248195
<i>Itgb1</i>	-0.122321306	0.116685215	-1.048301675	0.294499638	0.907334416
<i>Alkbh8</i>	0.073794467	0.282195674	0.261501055	0.793706136	0.990988839
<i>Cwf19l2</i>	-0.130377705	0.160950846	-0.810046718	0.417913326	0.943415794
<i>Gucy1a2</i>	-0.376222775	0.171973783	-2.187675172	0.028693272	0.647064985
<i>Aasdhppt</i>	0.123227529	0.12897541	0.955434287	0.339358122	0.919246575
<i>Kbtbd3</i>	0.339821091	0.186189795	1.825132742	0.067981	0.742385562
<i>Msantd4</i>	0.09468813	0.115901561	0.81697028	0.413945412	0.943415794
<i>Gria4</i>	-0.078784013	1.354573891	-0.058161473	0.953620009	0.996070133

<i>Casp1</i>	0.169192272	0.189217917	0.894166237	0.371232954	0.928840865
<i>Casp4</i>	0.385990247	0.18227952	2.117573309	0.034211221	0.673783594
<i>Casp12</i>	0.054854941	0.138089234	0.397242707	0.691188492	0.986191149
<i>Pdgfd</i>	-0.046664142	0.145351896	-0.321042541	0.748178153	0.988585656
<i>Dync2h1</i>	-0.033449011	0.198491867	-0.168515777	0.866177533	0.992886758
<i>Dcun1d5</i>	0.238185935	0.184150973	1.293427514	0.195863239	0.879601031
<i>Mmp13</i>	-1.152235018	0.967373482	-1.191096344	0.233615765	0.89581803
<i>Mmp3</i>	-0.141067825	0.204737541	-0.689017873	0.490812021	0.958896244
<i>Mmp8</i>	-0.022252132	0.459375526	-0.04843996	0.961365613	0.996474415
<i>Mmp27</i>	-0.764147482	0.478606501	-1.596609072	0.110352875	0.800111791
<i>Tmem123</i>	-0.056801101	0.078680412	-0.72192175	0.470342588	0.95486913
<i>Birc2</i>	-0.023529723	0.124279661	-0.189328828	0.849835103	0.992886758
<i>Birc3</i>	-0.261058873	0.143789031	-1.815568761	0.069436549	0.743426713
<i>Yap1</i>	-0.241412874	0.123809879	-1.949867621	0.051191899	0.707153766
<i>9230110C19Rik</i>	-0.089677656	0.184676854	-0.485592285	0.627256267	0.976752533
<i>Cep126</i>	-0.369600391	0.189620803	-1.949155296	0.051276882	0.707153766
<i>Trpc6</i>	0.452601276	0.201572687	2.245350213	0.024745659	0.627796923
<i>Pgr</i>	0.111731659	0.489814013	0.228110377	0.819560433	0.992886758
<i>Arhgap42</i>	-0.018811706	0.170438988	-0.110372082	0.912114293	0.994688009
<i>Maml2</i>	-0.025352072	0.221834612	-0.114283662	0.909012934	0.994688009
<i>Mtnr2</i>	0.030637131	0.099237521	0.308725278	0.757530513	0.989266039
<i>Cep57</i>	0.03164657	0.137170317	0.230710044	0.81754007	0.992678823
<i>Fam76b</i>	0.160354738	0.137373682	1.167288635	0.243093827	0.896939594
<i>Sesn3</i>	0.061193233	0.276186293	0.221565061	0.824652483	0.992886758
<i>Endod1</i>	-0.242517875	0.14877538	-1.630094139	0.103081602	0.79028905
<i>Cwc15</i>	0.081070649	0.105396633	0.769195816	0.441777074	0.948476447
<i>Amotl1</i>	-0.170857693	0.209527213	-0.815443925	0.41481825	0.943415794
<i>Piwil4</i>	-0.385213521	0.280409188	-1.373754988	0.169517759	0.861597949
<i>Fut4</i>	-0.039200572	0.287665715	-0.136271267	0.891606837	0.993043931
<i>1700012B09Rik</i>	0.406222872	0.248325169	1.635850578	0.101870864	0.788783372
<i>Ankrd49</i>	0.117477014	0.182736236	0.642877496	0.520303593	0.964682803
<i>Mre11a</i>	-0.179091013	0.312968537	-0.572233281	0.567163943	0.970862413
<i>Izumo1r</i>	1.390608689	0.621317179	2.238162305	0.025210473	0.629375214
<i>Panx1</i>	0.037062005	0.246547881	0.150323761	0.880509188	0.992886758
<i>Vstm5</i>	0.48995959	0.432181437	1.133689576	0.256924784	0.897248195
<i>Med17</i>	-0.162121609	0.121637206	-1.332829113	0.182587889	0.869129
<i>4931406C07Rik</i>	-0.059246136	0.116799675	-0.507245727	0.611982414	0.974001549
<i>Taf1d</i>	0.269539275	0.181282113	1.486849812	0.137054482	0.833085238
<i>Cep295</i>	-0.199503475	0.310786906	-0.641930117	0.520918558	0.964784335
<i>Smco4</i>	0.243193672	0.15562893	1.562650798	0.118134753	0.814755048
<i>Ccdc67</i>	-0.187825044	0.320262193	-0.586472734	0.557557879	0.968926429
<i>Slc36a4</i>	-0.517416932	0.274000207	-1.888381534	0.058974749	0.72285319
<i>Fat3</i>	-0.29674336	0.417516128	-0.710735083	0.477248415	0.95716557
<i>Chordc1</i>	-0.269944697	0.194475017	-1.388068769	0.165116106	0.860011234
<i>Naalad2</i>	0.29364179	0.420861723	0.697715602	0.485355069	0.957710647
<i>Zfp558</i>	0.575946094	0.474824476	1.212966312	0.225142701	0.893255444
<i>Zfp317</i>	0.1365852	0.155645484	0.877540394	0.380193188	0.929640874
<i>Zfp560</i>	0.252943023	0.206805123	1.223098435	0.22129252	0.891315805
<i>Zfp26</i>	-0.249513684	0.187823942	-1.328444504	0.184031305	0.870921485
<i>Zfp426</i>	-0.006478068	0.153450622	-0.042215979	0.966326524	0.996474415
<i>Zfp266</i>	0.036856384	0.1253651	0.293992379	0.768763727	0.989990452
<i>Zfp846</i>	0.033956812	0.294146046	0.115442014	0.908094779	0.994688009
<i>Fbxl12os</i>	0.177263402	0.265884246	0.666693889	0.504967683	0.962138588
<i>Fbxl12</i>	0.07744708	0.167090494	0.463503807	0.643003287	0.978681333
<i>Ubl5</i>	0.277836059	0.155718078	1.784224815	0.074387142	0.751093915
<i>Pin1</i>	0.2707429	0.141169416	1.917858046	0.055129013	0.712244081
<i>Olfm2</i>	-0.396209524	0.413851193	-0.957371952	0.33837955	0.919246575
<i>Col5a3</i>	0.590974022	0.750814209	0.787110865	0.431216969	0.945321484
<i>A230050P20Rik</i>	0.154051342	0.22817308	0.675151259	0.49957967	0.960847835
<i>Angptl6</i>	0.649139084	0.315706084	2.056150063	0.039768054	0.679118604
<i>Ppan</i>	0.00228102	0.169869445	0.013428078	0.989286266	0.998182772
<i>Eif3g</i>	0.100093001	0.110121684	0.908930894	0.363386605	0.926455466

<i>Dnmt1</i>	-0.071910992	0.22574001	-0.318556697	0.750062695	0.988585656
<i>S1pr2</i>	-0.096440718	0.148665976	-0.648707395	0.516527523	0.964352198
<i>Mrpl4</i>	-0.026272094	0.124940234	-0.210277291	0.833451258	0.992886758
<i>Icam1</i>	-0.041592189	0.149074082	-0.27900349	0.780242146	0.990988839
<i>Icam4</i>	-0.610659936	0.511013384	-1.194997929	0.232087839	0.895404344
<i>Icam5</i>	-0.305883358	0.909420532	-0.336349738	0.736607147	0.988585656
<i>Zglp1</i>	-0.450493588	1.259359809	-0.357716345	0.7205556	0.988585656
<i>Raver1</i>	-0.342879883	0.388586166	-0.882377999	0.377572429	0.928883222
<i>Tyk2</i>	0.323770656	0.145743881	2.221504283	0.026316825	0.632301593
<i>Cdc37</i>	0.184703311	0.089416145	2.06565951	0.038860641	0.679118604
<i>Pde4a</i>	-0.21647742	0.369843679	-0.585321398	0.558331629	0.968926429
<i>Keap1</i>	0.0535724	0.143435441	0.373494859	0.708780171	0.988585656
<i>S1pr5</i>	1.108064836	0.52961309	2.092215727	0.036419222	0.677009445
<i>Atg4d</i>	0.138786005	0.12193618	1.138185607	0.255042987	0.897044747
<i>Kri1</i>	-0.370614626	0.339618601	-1.091267159	0.275155344	0.900302631
<i>Cdkn2d</i>	0.471749903	0.236732661	1.99275377	0.046288416	0.698098452
<i>Ap1m2</i>	-0.188636905	0.15875859	-1.188199675	0.234754752	0.89581803
<i>Slc44a2</i>	-0.10272648	0.173641545	-0.591600819	0.554117925	0.968926429
<i>Ilf3</i>	0.290747233	0.168015707	1.730476503	0.083545176	0.76099108
<i>Gm16853</i>	1.95052624	1.630935423	1.195955531	0.231713913	0.895404344
<i>Qtrt1</i>	-0.045293139	0.214959835	-0.210705125	0.833117375	0.992886758
<i>Dnm2</i>	-0.25133753	0.208629875	-1.204705368	0.228317063	0.894584278
<i>Tmed1</i>	0.295478726	0.163933101	1.802434796	0.071477025	0.744227652
<i>AB124611</i>	0.289424912	0.251066916	1.152779971	0.249000707	0.896939594
<i>Carm1</i>	-0.377585928	0.389202122	-0.970153827	0.331969822	0.917115058
<i>Yipf2</i>	-0.138151375	0.171732347	-0.804457502	0.421132803	0.943415794
<i>1810026J23Rik</i>	-0.044936362	0.123335811	-0.364341562	0.715602968	0.988585656
<i>Smarca4</i>	-0.004768586	0.167523024	-0.028465256	0.977291079	0.997262526
<i>Ldlr</i>	-0.266775787	0.265517247	-1.004739955	0.315022084	0.91586731
<i>Spc24</i>	0.263555504	0.264499376	0.996431477	0.319040546	0.91640698
<i>Kank2</i>	0.113622774	0.177433157	0.640369456	0.521932436	0.965291218
<i>Dock6</i>	-0.005512882	0.165077387	-0.033395743	0.973359004	0.997115853
<i>Gm6484</i>	0.057954369	0.353811663	0.163800052	0.869888551	0.992886758
<i>Rab3d</i>	-0.069869377	0.153864147	-0.454097839	0.649758409	0.979004493
<i>Tmem205</i>	0.08083754	0.146041787	0.553523356	0.579905092	0.971613657
<i>Ccdc159</i>	0.020981454	0.314278169	0.066760773	0.946772152	0.995195989
<i>Lppr2</i>	0.197761526	0.489647465	0.40388553	0.686296897	0.98538669
<i>LOC100049077</i>	1.930466468	1.666234453	1.158580334	0.246627289	0.896939594
<i>Swsap1</i>	-0.08350114	0.266079617	-0.313820128	0.753657656	0.988585656
<i>Epor</i>	0.685651374	0.396895622	1.727535743	0.084071492	0.76099108
<i>Rgl3</i>	-0.134794484	0.303269235	-0.444471343	0.656701843	0.979614766
<i>Ccdc151</i>	-0.221705416	0.316818657	-0.699786489	0.484060654	0.957710647
<i>PrkcsH</i>	-0.082629707	0.162519463	-0.50842961	0.611152092	0.974001549
<i>Zfp653</i>	0.032948521	0.295837427	0.111373742	0.911319982	0.994688009
<i>Gm16845</i>	0.103131847	0.839077129	0.122911046	0.902177539	0.994688009
<i>Ecsit</i>	0.085587074	0.196187219	0.436252038	0.662653876	0.980760274
<i>Cnn1</i>	0.277845142	0.208772694	1.330850008	0.183238369	0.869576666
<i>Elof1</i>	0.125196312	0.235301255	0.532068188	0.59467877	0.974001549
<i>Acp5</i>	-0.344265839	0.204154374	-1.686301554	0.091737732	0.772516176
<i>Pigyl</i>	0.245507526	0.190752108	1.287050128	0.198076817	0.880239572
<i>Zfp872</i>	0.743123562	0.333774535	2.226423782	0.025985809	0.631530315
<i>1810064F22Rik</i>	0.060940353	0.232007983	0.262664898	0.792808874	0.990988839
<i>Zfp809</i>	-0.324487631	0.23931205	-1.355918481	0.175125107	0.86434934
<i>Zfp599</i>	-0.402488101	0.695220731	-0.578935701	0.56263256	0.969658675
<i>Zfp810</i>	0.095460852	0.171576367	0.556375299	0.577954322	0.971613657
<i>Anln</i>	-0.167808734	0.237118092	-0.707701095	0.479130897	0.957463006
<i>9530077C05Rik</i>	0.180474144	0.353162168	0.511023435	0.609334647	0.974001549
<i>Rp9</i>	0.005692374	0.1128705	0.050432791	0.959777506	0.996474415
<i>Bbs9</i>	-0.240585363	0.17759955	-1.354650745	0.175528858	0.864596675
<i>Bmper</i>	0.130868131	0.243752475	0.536889443	0.591343984	0.974001549
<i>Dpy19l1</i>	-0.161818203	0.181044971	-0.893801151	0.371428293	0.928840865
<i>Dpy19l2</i>	-0.633272592	0.69735172	-0.908110747	0.363819713	0.926455466

<i>Tbx20</i>	-1.170734223	0.924870308	-1.265836099	0.205571768	0.883765092
<i>Herpud2</i>	-0.163388401	0.11134655	-1.467386292	0.142271001	0.840741274
<i>Sep-07</i>	-0.03882207	0.106067001	-0.366014589	0.714354189	0.988585656
<i>Eepd1</i>	0.156868823	0.326007603	0.481181488	0.630387517	0.977034429
<i>Glb1l2</i>	-0.191262869	0.110832974	-1.725685616	0.084403987	0.76099108
<i>Glb1l3</i>	-1.391080473	0.485666886	-2.864268728	0.004179733	0.38338479
<i>Acad8</i>	-0.005713743	0.124918549	-0.045739748	0.963517683	0.996474415
<i>Thyn1</i>	0.067703218	0.328801326	0.2059092	0.836861839	0.992886758
<i>Vps26b</i>	0.051803152	0.158146256	0.327564831	0.743240717	0.988585656
<i>Ncapd3</i>	-0.310736155	0.264573464	-1.17447967	0.24020295	0.896939594
<i>Jam3</i>	-0.011555587	0.178848796	-0.06461093	0.948483782	0.99560893
<i>Al414108</i>	-0.300379152	1.111359761	-0.270280752	0.786944272	0.990988839
<i>Opcml</i>	0.249777359	1.158641297	0.215577815	0.82931685	0.992886758
<i>Ntm</i>	0.002575585	2.226815192	0.001156623	0.999077149	0.999886097
<i>Snx19</i>	-0.187327919	0.123741669	-1.513862883	0.13006062	0.827800491
<i>Adamts15</i>	-0.141786557	0.39195535	-0.361741604	0.717545134	0.988585656
<i>Adamts8</i>	0.162109781	0.275381935	0.588672533	0.556080967	0.968926429
<i>Zbtb44</i>	0.242966381	0.17975745	1.351634554	0.176492251	0.865862073
<i>St14</i>	-0.130166376	0.201932308	-0.644604014	0.519183833	0.96446859
<i>Aplp2</i>	-0.22055628	0.176919968	-1.246644358	0.212527929	0.884945675
<i>Prdm10</i>	0.396952705	0.545108044	0.728209223	0.466485521	0.953083512
<i>Nfrkb</i>	0.144106997	0.207729042	0.693725805	0.48785418	0.958288569
<i>Tmem45b</i>	-0.795646809	0.698792887	-1.138601756	0.254869296	0.897044747
<i>Barx2</i>	-0.462735873	0.21780627	-2.124529619	0.033625882	0.671818913
<i>Arhgap32</i>	-0.24252284	0.282975504	-0.857045353	0.39141982	0.933734231
<i>Kcnj5</i>	-0.357534084	0.443229648	-0.806656517	0.419864403	0.943415794
<i>Fli1</i>	0.146780615	0.146285486	1.003384672	0.315675297	0.915946432
<i>Ets1</i>	0.088622795	0.208500668	0.425048016	0.670801673	0.982434419
<i>Gm27162</i>	1.721983405	1.870447951	0.920626209	0.357245614	0.924354588
<i>Kirrel3</i>	0.144064469	1.280347389	0.112519829	0.910411248	0.994688009
<i>St3gal4</i>	0.038373769	0.104399379	0.367567025	0.713196106	0.988585656
<i>4930581F22Rik</i>	0.667870165	0.330032838	2.023647615	0.043006422	0.685039858
<i>Dcps</i>	0.05454054	0.189513322	0.287792642	0.77350547	0.990730604
<i>Tirap</i>	-0.207134782	0.211139943	-0.981030772	0.326577567	0.916882624
<i>Foxred1</i>	0.141452993	0.151989998	0.930673042	0.352022719	0.923082865
<i>Spr</i>	-0.14588504	0.088378563	-1.650683553	0.098803208	0.786907305
<i>Fam118b</i>	-0.00448148	0.149792452	-0.029917929	0.976132507	0.997262526
<i>Rpusd4</i>	0.08976874	0.162044799	0.553974828	0.579596073	0.971613657
<i>Cdon</i>	0.012976819	0.325326374	0.039888615	0.968181928	0.996474415
<i>Ddx25</i>	-0.011984445	1.184394067	-0.010118629	0.99192664	0.998783765
<i>Pus3</i>	0.148476816	0.192280643	0.772188058	0.440003053	0.947849924
<i>Hyls1</i>	0.145268504	0.254287003	0.571277737	0.567811391	0.971054423
<i>Chek1</i>	0.096676449	0.534353657	0.180922218	0.856428629	0.992886758
<i>Stt3a</i>	-0.193669368	0.133868337	-1.446715268	0.147976686	0.847427345
<i>Ei24</i>	0.016580009	0.087281566	0.18996003	0.849340452	0.992886758
<i>Fez1</i>	0.125186703	0.281392379	0.444883062	0.656404263	0.979614766
<i>Pknox2</i>	-0.0795937	0.364456525	-0.218390108	0.827125172	0.992886758
<i>Tmem218</i>	0.366088463	0.180832225	2.024464736	0.042922357	0.685039858
<i>Slc37a2</i>	-0.59252801	0.476331077	-1.243941532	0.213521082	0.884945675
<i>Ccdc15</i>	0.392291261	0.562037467	0.697980623	0.485189312	0.957710647
<i>Hepacam</i>	-0.122447884	0.479144465	-0.255555251	0.798294275	0.990988839
<i>Robo4</i>	-0.202211049	0.196163575	-1.030828732	0.302621142	0.911518274
<i>Robo3</i>	-1.357184265	2.087316979	-0.650205157	0.51555971	0.964352198
<i>Msantd2</i>	0.184592542	0.196439772	0.939690267	0.347376459	0.921552698
<i>Esam</i>	-0.257439372	0.105836804	-2.432418223	0.014998378	0.554936045
<i>Vsig2</i>	-0.373715584	0.199306827	-1.875076685	0.060782175	0.725221283
<i>Nrgn</i>	0.229406355	0.408845788	0.561107296	0.574724395	0.971613657
<i>Spa17</i>	0.026886074	0.160142016	0.167888942	0.86667065	0.992886758
<i>Siae</i>	-0.005689452	0.202306708	-0.028122904	0.977564126	0.997262526
<i>Tbrg1</i>	-0.112046186	0.109485271	-1.0233905	0.30612325	0.91333012
<i>Vwa5a</i>	-0.215819794	0.099181796	-2.176002075	0.029555105	0.64858361
<i>Olfir920</i>	-0.553957339	1.337126661	-0.414289353	0.67866221	0.983853811

AW551984	0.485043655	0.691535813	0.70140063	0.483053029	0.957463006
Zfp202	0.000136791	0.307161157	0.000445341	0.999644669	0.999950896
Scn3b	-0.095082301	0.171618857	-0.554031781	0.579557096	0.971613657
Gramd1b	-0.258521047	0.444379236	-0.58175771	0.560729894	0.968926429
Clmp	0.125769179	0.34241505	0.367300383	0.713394968	0.988585656
Hspa8	-0.255108647	0.175852481	-1.45069689	0.146864282	0.844560298
4931429I11Rik	-0.088747129	0.547718296	-0.162030609	0.87128175	0.992886758
Crtam	-0.406060619	1.105618664	-0.367270047	0.713417594	0.988585656
Ubash3b	0.2555841	0.292007007	0.875267009	0.38142864	0.930635634
3110039I08Rik	-0.399138316	0.428142532	-0.9322557	0.351204396	0.92247654
Sorl1	0.412830102	0.192310639	2.146683634	0.031818477	0.661395937
4930546K05Rik	1.166124322	1.534824057	0.759777199	0.447387775	0.948476747
Sc5d	-0.130524684	0.130950146	-0.996750956	0.318885409	0.91640698
Tbcel	-0.122913992	0.209464995	-0.586799679	0.557338252	0.968926429
Grik4	2.021406114	1.418833229	1.424696062	0.154245078	0.854159937
Arhgef12	-0.187212023	0.187008717	-1.001087145	0.316784679	0.91640698
Tmem136	0.153431396	0.293820431	0.522194444	0.601534954	0.974001549
Pou2f3	-1.398201107	1.984930213	-0.704408194	0.481178604	0.957463006
Oaf	0.008262085	0.200361487	0.041235896	0.967107837	0.996474415
Trim29	-0.32335395	0.462920621	-0.698508416	0.484859296	0.957710647
Pvrl1	0.092811183	0.313421044	0.296123011	0.767136141	0.989884648
Thy1	0.061314767	0.194545498	0.315169295	0.752633117	0.988585656
Usp2	-0.382638756	0.358565201	-1.067138569	0.285909267	0.905916508
Rnf26	-0.193911582	0.382929445	-0.506389845	0.612583002	0.974001549
Mcam	-0.333407562	0.138341806	-2.410027532	0.015951317	0.557717626
Cbl	0.36870291	0.594677939	0.620004352	0.535254922	0.96674935
Ccdc153	0.229900051	0.173320139	1.326447416	0.184691542	0.871716376
Pdzd3	0.66245651	1.619622967	0.409018965	0.682525743	0.984738223
Nlr1	-0.379758457	0.295788132	-1.283886728	0.199181592	0.880831248
Hinf1	-0.305788411	0.263606691	-1.160017637	0.246041626	0.896939594
C2cd2l	-0.294493911	0.192399441	-1.530638081	0.125858865	0.822401003
Dpagt1	-0.268409089	0.13464682	-1.993430592	0.046214317	0.698098452
H2afx	-0.123473992	0.199361198	-0.619348163	0.535687022	0.96674935
Hmbs	0.119540319	0.138104561	0.865578362	0.386721426	0.932626359
Vps11	-0.150200166	0.235141174	-0.638765909	0.522975229	0.965637248
Hyou1	-0.298794236	0.164617762	-1.815078951	0.069511777	0.743426713
Slc37a4	0.05930958	0.190310698	0.311646062	0.755309524	0.989245836
Trappc4	-0.00474891	0.127512572	-0.037242682	0.970291507	0.996628386
Rps25	0.301088448	0.263212566	1.143898455	0.252665752	0.897044747
Ccdc84	0.101642988	0.265155052	0.383334154	0.701472018	0.988482081
Upk2	0.699057292	0.641121379	1.090366529	0.27555172	0.900302631
Bcl9l	0.02634864	0.328174912	0.080288403	0.936007881	0.994688009
Cxcr5	0.101827166	0.539015338	0.188913299	0.85016077	0.992886758
Ddx6	0.1026578	0.107963768	0.950854176	0.341678406	0.919850248
Phldb1	-0.096071191	0.172327371	-0.557492348	0.577191086	0.971613657
Arcn1	-0.165679257	0.099471957	-1.665587584	0.095795586	0.7796882
Ift46	0.078651205	0.13281688	0.59217778	0.553731547	0.968926429
Tmem25	0.375318111	0.697026061	0.538456354	0.59026203	0.974001549
Ttc36	0.404665003	0.217410736	1.861292642	0.062702862	0.727650961
Kmt2a	-0.323570343	0.280820437	-1.152232175	0.24922568	0.896939594
Atp5l	0.238522269	0.252599771	0.944269539	0.345031928	0.92132235
Ube4a	-0.138906071	0.162736184	-0.853565985	0.393345512	0.933734231
Cd3g	0.351741443	0.289368536	1.215548337	0.224157025	0.892989918
Cd3d	0.660589652	0.23203188	2.846977983	0.004413641	0.385355746
Cd3e	-0.244796027	0.482922817	-0.506905076	0.612221424	0.974001549
Mpzl2	-0.237135949	0.246848716	-0.960652958	0.336726692	0.919242242
Mpzl3	0.325541419	0.433263802	0.751369991	0.452430018	0.94958784
Amica1	-0.017487243	0.304409987	-0.05744635	0.954189642	0.996070133
Scn2b	1.348245162	1.397363483	0.964849288	0.334620305	0.918030088
Scn4b	-1.1724997	0.9559367	-1.226545336	0.219993526	0.888847883
Tmprss4	0.010957499	0.150554623	0.072780888	0.94198048	0.994688009
BC049352	2.320348886	1.484918723	1.562610027	0.118144348	0.814755048

<i>Il10ra</i>	0.121549006	0.195487155	0.621774899	0.534089894	0.96674935
<i>Tmprss13</i>	0.263267494	0.338294294	0.778220321	0.436439139	0.946762848
<i>Fxyd6</i>	0.07948122	0.167481936	0.474565925	0.635096398	0.977034429
<i>Fxyd2</i>	0.2256808	0.505470991	0.446476264	0.655253254	0.979133069
<i>Cep164</i>	0.08962292	0.276500919	0.32413245	0.745837761	0.988585656
<i>Bace1</i>	0.08518661	0.24833876	0.343025833	0.731579026	0.988585656
<i>Rnf214</i>	0.003669107	0.213679023	0.017171116	0.986300105	0.998148029
<i>Pcsk7</i>	-0.371760743	0.210285808	-1.767883187	0.077080434	0.752876039
<i>Tagln</i>	0.329851454	0.136504181	2.416420151	0.015673964	0.557315333
<i>Sidt2</i>	-0.264380415	0.184393001	-1.433787691	0.151632859	0.85193038
<i>Pafah1b2</i>	-0.038553752	0.090667323	-0.425222122	0.670674759	0.982434419
<i>Sik3</i>	0.112116722	0.229506465	0.488512259	0.625187045	0.976218048
<i>Apoa1</i>	3.418351428	2.844814324	1.201607922	0.229515471	0.895404344
<i>Apoc3</i>	3.012936969	2.696258469	1.117451092	0.2638015	0.897248195
<i>Zpr1</i>	0.083333986	0.159726031	0.521730778	0.601857792	0.974001549
<i>Bud13</i>	-0.073679674	0.244048014	-0.301906466	0.762723366	0.989285682
<i>Cadm1</i>	-0.024714778	0.123924352	-0.199434397	0.841922956	0.992886758
<i>Nxpe2</i>	0.529242711	0.342241907	1.546399493	0.122008117	0.816233249
<i>Nxpe4</i>	0.311639708	0.312810948	0.996255758	0.319125894	0.91640698
<i>Rexo2</i>	0.288560406	0.141525812	2.038924225	0.041457591	0.679118604
<i>Rbm7</i>	0.222871551	0.18663648	1.194147849	0.232420139	0.895404344
<i>Gm5617</i>	0.410042782	0.311769967	1.31520937	0.188439547	0.874826736
<i>Nnmt</i>	0.245781191	0.230411569	1.066705078	0.286105034	0.905916508
<i>Zbtb16</i>	-0.487101161	0.988927146	-0.492555153	0.622326943	0.97514112
<i>Usp28</i>	-0.183880745	0.203685071	-0.902769872	0.366648044	0.927866786
<i>Zw10</i>	0.104194006	0.18226534	0.571661105	0.567551589	0.970955746
<i>Tmprss5</i>	0.645727454	0.635580363	1.01596508	0.309646016	0.9139204
<i>Ttc12</i>	-0.375180628	0.200113847	-1.874835918	0.0608153	0.725221283
<i>Ncam1</i>	0.187349439	0.968202438	0.193502342	0.846565572	0.992886758
<i>Plet1os</i>	-0.243130872	1.360162854	-0.178751295	0.85813299	0.992886758
<i>Plet1</i>	-0.402696123	0.170623465	-2.360145028	0.018267792	0.582676994
<i>Pts</i>	0.105857576	0.246807385	0.428907651	0.667990432	0.981863224
<i>Bco2</i>	-0.308759627	0.480928882	-0.642006831	0.520868747	0.964784335
<i>Il18</i>	0.209981381	0.211985965	0.990543788	0.321908397	0.91640698
<i>Sdhd</i>	-0.071434397	0.141944022	-0.503257521	0.614783228	0.974001549
<i>Timm8b</i>	0.424675763	0.307299649	1.381959806	0.166984043	0.860403806
<i>AU019823</i>	0.18099808	0.158535308	1.141689394	0.253583151	0.897044747
<i>Pih1d2</i>	-0.396408535	0.182102489	-2.176843035	0.029492281	0.64858361
<i>Dlat</i>	0.151847749	0.142470582	1.065818268	0.286505801	0.906143389
<i>Dixdc1</i>	-0.336437702	0.197497194	-1.703506241	0.088473371	0.767814344
<i>2310030G06Rik</i>	-0.140824476	0.1494041	-0.942574369	0.345898655	0.921552698
<i>Hspb2</i>	-0.040903589	0.520901059	-0.078524679	0.9374107	0.994688009
<i>Cryab</i>	-0.059888291	0.100021898	-0.598751792	0.549338414	0.968926429
<i>1110032A03Rik</i>	0.080312439	0.11714937	0.685555874	0.492993215	0.958916246
<i>Fdxacb1</i>	0.263326076	0.208223906	1.264629413	0.206004204	0.883765092
<i>Alg9</i>	0.027607009	0.15725353	0.175557323	0.860641733	0.992886758
<i>Ppp2r1b</i>	-0.195436566	0.201450779	-0.970145497	0.331973974	0.917115058
<i>Sik2</i>	-0.816268088	0.499188394	-1.635190438	0.102009132	0.788783372
<i>Layn</i>	0.150070242	0.173635887	0.864281256	0.387433404	0.932858077
<i>4833427G06Rik</i>	-0.345840965	0.152516093	-2.267570322	0.023355408	0.622011301
<i>Btg4</i>	0.658548889	0.331496637	1.986592968	0.046967521	0.698868643
<i>Pou2af1</i>	0.171848815	0.395298219	0.434732074	0.663756914	0.981154469
<i>Gm684</i>	-0.365661166	0.268941359	-1.359631586	0.173946538	0.863528862
<i>Arhgap20</i>	0.044040984	0.470012189	0.093701791	0.925346047	0.994688009
<i>Fdx1</i>	-0.079272561	0.174271537	-0.454879565	0.649195885	0.979004493
<i>Gm6981</i>	0.349987983	0.756509263	0.462635423	0.643625713	0.97889195
<i>Rdx</i>	-0.100509496	0.101610383	-0.989165609	0.322582121	0.91640698
<i>Zc3h12c</i>	-0.214339772	0.181726991	-1.179460298	0.238214937	0.896609492
<i>Ddx10</i>	0.086766496	0.243484299	0.356353558	0.721575805	0.988585656
<i>Exph5</i>	0.296199311	0.196453279	1.507734117	0.13162259	0.827800491
<i>Kdelc2</i>	-0.04696867	0.10335944	-0.454420707	0.649526051	0.979004493
<i>4930550C14Rik</i>	0.272143962	0.257488902	1.056915309	0.290550241	0.907334416

<i>Atm</i>	0.078902726	0.319318944	0.247096915	0.804833222	0.990988839
<i>Npat</i>	0.143348517	0.21436767	0.668703991	0.503684321	0.96179897
<i>Acat1</i>	0.127097765	0.108152951	1.17516687	0.239927962	0.896939594
<i>Cul5</i>	-0.123870513	0.117575591	-1.053539358	0.292093866	0.907334416
<i>Rab39</i>	-0.364552757	0.34724858	-1.049832246	0.293795247	0.907334416
<i>Slc35f2</i>	-0.5051211	1.070815771	-0.471716157	0.637129403	0.977284137
<i>Sln</i>	-0.066963512	0.324911483	-0.206097707	0.83671459	0.992886758
<i>Elmod1</i>	-0.458219677	0.177046967	-2.588124979	0.009649996	0.483161941
<i>Tnfaip8l3</i>	0.020740621	0.280781617	0.073867445	0.94111586	0.994688009
<i>Dmxl2</i>	-0.11952716	0.187055916	-0.638991608	0.522828391	0.965637248
<i>Sh2d7</i>	0.121368434	0.336389845	0.360796963	0.718251234	0.988585656
<i>Cib2</i>	0.435996426	0.20018422	2.177975999	0.029407824	0.64858361
<i>Idh3a</i>	0.118608982	0.109233583	1.085828904	0.277554696	0.901241208
<i>Acsbg1</i>	-1.07578658	0.834630765	-1.288937126	0.197419946	0.87989762
<i>Dnaja4</i>	-0.176941916	0.137580782	-1.286094708	0.198410011	0.880661448
<i>Wdr61</i>	0.148483701	0.13160087	1.12828814	0.259198251	0.897248195
<i>Crabp1</i>	0.864640438	0.733778392	1.178340012	0.238661083	0.896609492
<i>Ireb2</i>	-0.099426738	0.128682318	-0.772652683	0.439727957	0.947849924
<i>Hykk</i>	-0.392811993	0.386352726	-1.016718575	0.309287327	0.9139204
<i>Psm4</i>	0.117815969	0.13390232	0.879865037	0.378932427	0.929137643
<i>Ube2q2</i>	0.068871927	0.119898908	0.574416631	0.565685901	0.970061308
<i>Fbxo22</i>	-0.073256024	0.112484886	-0.65125215	0.514883731	0.964352198
<i>Nrg4</i>	-0.411203718	0.637610515	-0.64491364	0.518983152	0.96446859
<i>Al118078</i>	-0.035076811	0.889543852	-0.039432357	0.968545683	0.996474415
<i>Etfa</i>	0.192319262	0.111070887	1.731500185	0.083362592	0.76099108
<i>Scaper</i>	-0.217951914	0.221160372	-0.98549262	0.324382155	0.91640698
<i>Rcn2</i>	-0.06315657	0.107317618	-0.588501415	0.556195784	0.968926429
<i>Pstpip1</i>	0.636173292	0.200878808	3.166950745	0.001540464	0.28259727
<i>Tspan3</i>	-0.105943217	0.107335082	-0.987032526	0.323626694	0.91640698
<i>Peak1</i>	0.061802013	0.274411288	0.22521673	0.821810675	0.992886758
<i>Hmg20a</i>	-0.200618488	0.225573498	-0.889370824	0.37380382	0.928840865
<i>Lingo1</i>	0.088966204	0.819942761	0.108502945	0.913596745	0.994688009
<i>Cspg4</i>	0.17800244	0.372581777	0.477754016	0.632825294	0.977034429
<i>Snx33</i>	-0.314526308	0.159038238	-1.97767727	0.047965126	0.703094165
<i>Imp3</i>	-0.00607815	0.110364994	-0.055073169	0.956080172	0.99614946
<i>Snupn</i>	0.097156446	0.178303286	0.544894308	0.585826211	0.972904784
<i>Ptpn9</i>	-0.287036636	0.224629804	-1.277820802	0.201312618	0.881187967
<i>Gm10658</i>	-0.25892635	1.329695967	-0.19472598	0.845607472	0.992886758
<i>Sin3a</i>	0.169019485	0.140066435	1.206709409	0.227544074	0.894410876
<i>Man2c1os</i>	1.624689025	0.779021256	2.085551598	0.03701926	0.678243111
<i>Man2c1</i>	-0.154263032	0.191189377	-0.80685985	0.419747233	0.943415794
<i>Neil1</i>	0.394464789	0.293974742	1.34183225	0.179650393	0.868087032
<i>Commd4</i>	0.178390179	0.144583936	1.233817423	0.217270945	0.887633697
<i>1700017B05Rik</i>	-0.125151278	0.297819995	-0.420224566	0.67432141	0.983375962
<i>Ppcdc</i>	0.189071806	0.122080534	1.548746556	0.121442658	0.816233249
<i>Scamp5</i>	-0.048432126	0.29271747	-0.165456902	0.868584369	0.992886758
<i>Rpp25</i>	-0.34490565	0.518740411	-0.664890652	0.506120435	0.962318428
<i>Cox5a</i>	-0.094010352	0.12139049	-0.774445773	0.438667224	0.947831419
<i>Fam219b</i>	0.202220177	0.151660242	1.333376333	0.182408335	0.86878089
<i>Mpi</i>	0.14191373	0.198935252	0.713366424	0.475619044	0.957156188
<i>Scamp2</i>	-0.359476409	0.240524393	-1.494552815	0.135031188	0.829809681
<i>Ulk3</i>	-0.770245161	0.403688286	-1.908019599	0.056388683	0.717582253
<i>Csk</i>	0.122940329	0.111054563	1.107026359	0.268282532	0.89804647
<i>Cyp1a1</i>	0.095044522	1.121620287	0.08473859	0.932469216	0.994688009
<i>Ecd3</i>	-0.114605452	0.16916162	-0.677490859	0.498094568	0.960700483
<i>Clk3</i>	0.049420446	0.115506652	0.42785801	0.668754499	0.981863224
<i>Arid3b</i>	0.053709913	0.302920245	0.177307111	0.859267166	0.992886758
<i>Ubl7</i>	-0.120903928	0.196159759	-0.616354384	0.537660653	0.96674935
<i>Sema7a</i>	0.050645638	0.311559695	0.162555165	0.87086869	0.992886758
<i>Cyp11a1</i>	1.117625617	1.123101575	0.995124254	0.319675836	0.91640698
<i>Ccdc33</i>	-0.49312019	0.190602338	-2.587167585	0.009676852	0.483161941
<i>Stra6</i>	-0.251117283	2.085650585	-0.120402374	0.904164411	0.994688009

<i>Islr</i>	-0.084352593	0.19420902	-0.434339215	0.664042131	0.981154469
<i>Pml</i>	0.093900102	0.379322281	0.247547024	0.804484904	0.990988839
<i>Stoml1</i>	0.288364765	0.166708736	1.72975197	0.083674599	0.76099108
<i>Loxl1</i>	0.019054577	0.209291881	0.091043079	0.927458361	0.994688009
<i>6030419C18Rik</i>	-0.170357527	0.301759418	-0.564547506	0.572381579	0.971613657
<i>Cd276</i>	-0.116858758	0.526114959	-0.222116394	0.824223276	0.992886758
<i>Nptn</i>	-0.207213148	0.082292797	-2.517998615	0.011802379	0.520803876
<i>Rec114</i>	0.458623094	0.35928307	1.276495145	0.201780542	0.881220006
<i>Neo1</i>	0.148369738	0.192625531	0.770249597	0.441151848	0.948068187
<i>Adpgk</i>	-0.181426073	0.137199575	-1.322351567	0.186051109	0.872305715
<i>Bbs4</i>	-0.067838673	0.150234254	-0.451552631	0.651591301	0.979004493
<i>Arih1</i>	-0.234838896	0.116032647	-2.023903642	0.042980067	0.685039858
<i>Tmem202</i>	0.072164689	0.42863881	0.168357804	0.866301801	0.992886758
<i>Hexa</i>	-0.125914897	0.11787372	-1.068218573	0.285421929	0.905916508
<i>Parp6</i>	-0.06683778	0.138131687	-0.483870001	0.628478132	0.977034429
<i>Pkm</i>	0.079939957	0.123371836	0.647959536	0.517011122	0.964352198
<i>Gramd2</i>	-0.166468246	0.133838969	-1.243795042	0.213575006	0.884945675
<i>Senp8</i>	-0.162765691	0.231747136	-0.702341757	0.482466058	0.957463006
<i>Myo9a</i>	-0.21198211	0.203041237	-1.044034767	0.296469304	0.909005508
<i>Thsd4</i>	-0.377253036	0.289340235	-1.303838839	0.192288537	0.879588734
<i>9230112J17Rik</i>	0.478413787	0.379228369	1.261545353	0.207112431	0.883765092
<i>Lrrc49</i>	0.047738625	0.249439494	0.191383586	0.848225079	0.992886758
<i>Larp6</i>	0.078851339	0.505968395	0.155842419	0.876157233	0.992886758
<i>Uaca</i>	-0.01219699	0.310713822	-0.039254738	0.968687292	0.996474415
<i>Tie3</i>	-0.016544294	0.240347963	-0.068834759	0.94512115	0.99486515
<i>Rplp1</i>	0.274014815	0.128805053	2.12736075	0.033390121	0.670819369
<i>Kif23</i>	-0.201787579	0.436280791	-0.462517681	0.643710126	0.97889195
<i>Paqr5</i>	-0.112209547	0.38189323	-0.293824396	0.768892092	0.989990452
<i>Glce</i>	-0.284454891	0.18844505	-1.509484546	0.131175002	0.827800491
<i>Mir5133</i>	-0.788181148	1.311432672	-0.60100771	0.547834851	0.968648431
<i>Anp32a</i>	0.237259539	0.11602301	2.044935221	0.040861245	0.679118604
<i>Coro2b</i>	-0.194530457	0.271660477	-0.716079348	0.473942355	0.955974667
<i>Itga11</i>	-0.704445912	0.504357196	-1.396720255	0.162497711	0.859982992
<i>Fem1b</i>	-0.11129612	0.146315841	-0.760656668	0.446862163	0.948476747
<i>Cln6</i>	0.145241667	0.236988328	0.612864218	0.539966125	0.966900344
<i>Calml4</i>	0.254715909	0.197772507	1.28792375	0.197772507	0.880239572
<i>Pias1</i>	-0.162543584	0.226175383	-0.718661692	0.472349392	0.955003345
<i>Map2k5</i>	0.123550335	0.205478758	0.601280327	0.54765329	0.96847584
<i>2300009A05Rik</i>	-0.053612043	0.224910921	-0.238370119	0.811594041	0.991816977
<i>Iqch</i>	-0.862379643	0.630521395	-1.367724632	0.171398287	0.86244803
<i>Aagab</i>	-0.167535021	0.113977803	-1.469891653	0.1415911	0.840741274
<i>Smad3</i>	-0.454102984	0.268396233	-1.691912657	0.090662628	0.770055369
<i>Smad6</i>	0.09594235	0.178670656	0.536978774	0.591282276	0.974001549
<i>Scarletttr</i>	0.224633047	0.67470094	0.332937208	0.739181682	0.988585656
<i>Lctl</i>	-1.325924251	0.969183619	-1.368083638	0.171285898	0.86244803
<i>Zwilch</i>	0.007187602	0.485772319	0.014796237	0.988194742	0.998148029
<i>Rpl4</i>	0.074264286	0.074799118	0.992849767	0.320783173	0.91640698
<i>Snape5</i>	0.048816368	0.109066918	0.4475818	0.65445504	0.979133069
<i>Map2k1</i>	-0.076891467	0.109212248	-0.704055344	0.481398308	0.957463006
<i>Tipin</i>	0.026145705	0.171888812	0.152108245	0.879101561	0.992886758
<i>Dis3l</i>	0.098412967	0.141169586	0.697125847	0.48572404	0.957710647
<i>Megf11</i>	0.398425553	0.84037135	0.474106539	0.635423936	0.977034429
<i>Rab11a</i>	0.197625048	0.137682658	1.435366306	0.151182742	0.850827708
<i>Dennd4a</i>	0.311236489	0.173106557	1.797947427	0.072185339	0.74633396
<i>Slc24a1</i>	0.405339945	1.701250274	0.238260032	0.811679418	0.991816977
<i>Vwa9</i>	0.060838014	0.190445598	0.31945088	0.749384634	0.988585656
<i>Hacd3</i>	0.035746865	0.108033959	0.33088545	0.740731013	0.988585656
<i>Dpp8</i>	-0.218285402	0.151454559	-1.441260029	0.149511235	0.848779008
<i>Igdcc4</i>	-0.55420549	0.795490913	-0.696683621	0.486000811	0.957710647
<i>Parp16</i>	-0.112670507	0.250498055	-0.449785954	0.652864786	0.979004493
<i>Cilp</i>	0.280713182	0.78041897	0.359695488	0.719074867	0.988585656
<i>Clpx</i>	-0.124189046	0.134256388	-0.925014053	0.354958598	0.924354588

<i>Pdcd7</i>	-0.030282135	0.234652402	-0.129051033	0.897317268	0.994101834
<i>Ubap1l</i>	0.073415756	1.71616423	0.04277898	0.96587772	0.996474415
<i>Kbtbd13</i>	-0.463029792	0.623725073	-0.742361998	0.457868037	0.952235842
<i>Rasl12</i>	-0.00766369	0.122017247	-0.062808252	0.949919195	0.995727234
<i>Mtfmt</i>	0.032497773	0.175988776	0.184658213	0.853497123	0.992886758
<i>Spg21</i>	0.0317535	0.095678618	0.331876659	0.739982396	0.988585656
<i>Plekho2</i>	-0.025268785	0.28244877	-0.089463252	0.928713757	0.994688009
<i>Pif1</i>	0.532326739	1.280080651	0.415854062	0.677516796	0.983670411
<i>Rbpms2</i>	0.185678464	0.537524634	0.345432475	0.729769267	0.988585656
<i>Oaz2</i>	-0.011737298	0.094019381	-0.124839131	0.900650908	0.994688009
<i>Zfp609</i>	-0.701869752	0.226626237	-3.09703661	0.001954657	0.298625366
<i>Trip4</i>	0.153602145	0.112261436	1.368253882	0.171232621	0.86244803
<i>2810417H13Rik</i>	0.044001178	0.270469957	0.16268416	0.87076712	0.992886758
<i>Csnk1g1</i>	0.110860445	0.292308002	0.379259015	0.704495532	0.988585656
<i>Ppib</i>	0.359535722	0.125036788	2.875439523	0.004034654	0.378480793
<i>Snx22</i>	-0.291496448	0.258644383	-1.12701635	0.259735568	0.897248195
<i>Snx1</i>	0.004774322	0.111782292	0.042710897	0.965931993	0.996474415
<i>Fam96a</i>	0.288459354	0.256869629	1.122979602	0.261446158	0.897248195
<i>Dapk2</i>	-0.101815082	0.168570679	-0.60399046	0.545849985	0.967759008
<i>Herc1</i>	-0.061373686	0.254767237	-0.240901017	0.809631834	0.991295569
<i>Fbxl22</i>	0.282898921	0.344508064	0.821167777	0.411550708	0.941762685
<i>Usp3</i>	0.177562488	0.129620606	1.369863121	0.170729634	0.86244803
<i>Car12</i>	0.130696865	1.958660921	0.066727662	0.946798512	0.995195989
<i>Aph1b</i>	-0.225405586	0.157531613	-1.430859379	0.152470521	0.853113844
<i>Aph1c</i>	0.055102277	0.186725886	0.295097152	0.767919666	0.989990452
<i>Rab8b</i>	-0.045804413	0.110336771	-0.415132799	0.67804469	0.983670411
<i>Rps27l</i>	0.333577538	0.276539472	1.206256511	0.227718601	0.894410876
<i>Lactb</i>	0.05800569	0.215378728	0.269319495	0.787683831	0.990988839
<i>Tpm1</i>	0.040483205	0.085953479	0.470989718	0.637648077	0.977468848
<i>Tln2</i>	-0.069265416	0.254740647	-0.27190563	0.785694582	0.990988839
<i>C2cd4b</i>	0.113330124	0.47605907	0.238058954	0.81183537	0.991817851
<i>C2cd4a</i>	0.306032953	1.331907827	0.229770369	0.818270211	0.992734473
<i>Vps13c</i>	-0.327708244	0.25404057	-1.289983895	0.19705625	0.879755417
<i>4930502A04Rik</i>	0.86706779	1.139558195	0.760880659	0.446728352	0.948476747
<i>Rora</i>	-0.090456333	0.205267778	-0.440674784	0.659448454	0.979924124
<i>Ice2</i>	-0.131296325	0.196141502	-0.669395936	0.503242943	0.961729397
<i>Anxa2</i>	-0.259228985	0.120121198	-2.158061927	0.030923017	0.659973993
<i>Bnip2</i>	0.081885771	0.092819236	0.882206904	0.377664929	0.928883222
<i>Gtf2a2</i>	0.285345319	0.186750522	1.527949246	0.12652514	0.823315433
<i>Fam81a</i>	-0.232965178	0.219740648	-1.060182445	0.289061606	0.907334416
<i>Myo1e</i>	-0.253201944	0.246224583	-1.028337388	0.30379115	0.911786415
<i>Ccnb2</i>	0.386301661	0.30187192	1.279687296	0.200655134	0.880907872
<i>Rnf111</i>	0.046172462	0.155733432	0.296483944	0.766860527	0.989884648
<i>Sltm</i>	-0.302707819	0.244946542	-1.235811767	0.21652854	0.887633697
<i>Fam63b</i>	-0.228369347	0.125057776	-1.826110736	0.067833583	0.742385562
<i>Adam10</i>	-0.197862312	0.116151683	-1.7034821	0.088477885	0.767814344
<i>Lipc</i>	-0.029048575	1.000694075	-0.029028427	0.976841919	0.997262526
<i>Aqp9</i>	-0.545683447	0.609592919	-0.895160409	0.370701345	0.928436166
<i>Aldh1a2</i>	-0.207638746	0.253127448	-0.820293285	0.412048934	0.942121471
<i>Polr2m</i>	0.043068285	0.081252511	0.530054819	0.596073924	0.974001549
<i>Myzap</i>	-0.00876746	0.13840856	-0.063344779	0.949491959	0.995624732
<i>Cgnl1</i>	-0.078601795	0.197100926	-0.398789576	0.690048258	0.986002801
<i>Tcf12</i>	-0.004823307	0.166088096	-0.029040653	0.976832168	0.997262526
<i>Zfp280d</i>	-0.119267669	0.176381395	-0.676191888	0.498918822	0.960700483
<i>Mns1</i>	-0.446900031	0.30471489	-1.466616978	0.142480279	0.840741274
<i>Tex9</i>	-0.001197848	0.268596978	-0.004459648	0.996441727	0.999379819
<i>4930509E16Rik</i>	0.309032778	1.08817754	0.283991139	0.776417172	0.990861469
<i>Rfx7</i>	0.032081885	0.224130045	0.1431396	0.88617993	0.992886758
<i>Neddd4</i>	-0.242483058	0.180286942	-1.344984029	0.178630392	0.867377413
<i>Pygo1</i>	0.159650569	0.436587852	0.365677991	0.714605371	0.988585656
<i>Dyx1c1</i>	-0.070841162	0.204324093	-0.346709784	0.728809359	0.988585656
<i>Ccpg1os</i>	-0.017822122	0.131328925	-0.135705988	0.892053714	0.993218834

<i>Ccpg1</i>	-0.173253228	0.133612538	-1.296683909	0.194739968	0.879588734
<i>Pigb</i>	-1.314898951	0.719038	-1.828691879	0.06744578	0.742385562
<i>2310009A05Rik</i>	0.073030285	0.185845296	0.392962785	0.694346968	0.987010101
<i>Rab27a</i>	0.121723948	0.115211556	1.056525512	0.290728192	0.907334416
<i>Khdhc3</i>	0.514073331	1.139073079	0.451308472	0.65176724	0.979004493
<i>Rsl24d1</i>	0.354741485	0.10812334	3.280896474	0.001034777	0.240510037
<i>Wdr72</i>	0.187441047	0.349704526	0.535998343	0.591959695	0.974001549
<i>Fam214a</i>	-0.133648825	0.290496191	-0.460070833	0.645465379	0.979004493
<i>Arpp19</i>	0.21235915	0.125807694	1.687966311	0.091417696	0.772516176
<i>Myo5a</i>	-0.066723806	0.193259987	-0.345254115	0.729903339	0.988585656
<i>Myo5c</i>	-0.235146344	0.154818071	-1.518855919	0.128798767	0.827261001
<i>Gnb5</i>	0.023036739	0.169863346	0.135619248	0.892122288	0.993227453
<i>Mapk6</i>	0.001310269	0.203030615	0.006453556	0.994850843	0.999285699
<i>4933433G15Rik</i>	0.954826741	1.971863118	0.484225671	0.62822572	0.976968316
<i>Leo1</i>	0.072340636	0.259978052	0.278256706	0.780815308	0.990988839
<i>Tmod3</i>	-0.03449553	0.092427038	-0.37321903	0.708985434	0.988585656
<i>Tmod2</i>	0.03781245	0.136749269	0.276509336	0.78215689	0.990988839
<i>Lysmd2</i>	0.029816227	0.155371382	0.191902955	0.847818223	0.992886758
<i>Scg3</i>	0.949319645	0.94006234	1.009847544	0.312568338	0.914819219
<i>Bmp5</i>	0.208492573	0.157681237	1.322240857	0.18608796	0.872305715
<i>Hmgcll1</i>	-0.147839038	0.138350972	-1.068579684	0.285259107	0.905916508
<i>Hcrr2</i>	-0.046908544	1.627338798	-0.028825309	0.977003915	0.997262526
<i>Fam83b</i>	-0.594254124	0.795431704	-0.74708378	0.45501299	0.951224746
<i>Tinag</i>	-0.161538018	0.263441016	-0.613184766	0.539754176	0.966900344
<i>Mlip</i>	0.06588442	0.97069456	0.067873482	0.945886348	0.995065399
<i>Lrrc1</i>	-0.162612715	0.148887492	-1.092185198	0.274751707	0.900302631
<i>Klhl31</i>	0.212078684	1.190914301	0.178080559	0.85865971	0.992886758
<i>Gclc</i>	-0.125434994	0.156210019	-0.802989429	0.421980845	0.943415794
<i>Elovl5</i>	-0.121604516	0.095630215	-1.271611862	0.20351106	0.883178549
<i>Fbxo9</i>	0.007628212	0.110135534	0.069262041	0.94478104	0.99486515
<i>Ick</i>	-0.020960277	0.22035019	-0.095122574	0.924217468	0.994688009
<i>C920006O11Rik</i>	-0.049103599	0.285342753	-0.172086372	0.863369626	0.992886758
<i>Gsta4</i>	0.120403333	0.189900202	0.634034781	0.526058124	0.965637248
<i>Gsta1</i>	-0.858858215	1.145435936	-0.749809036	0.453369726	0.950146765
<i>Gm3776</i>	-1.735920932	2.144873971	-0.8093347	0.418322652	0.943415794
<i>Gsta2</i>	0.692294486	0.424145972	1.632208087	0.102635658	0.789323778
<i>Dppa5a</i>	-0.820097552	1.267890925	-0.646820271	0.517748271	0.964437658
<i>Ooep</i>	-0.033523913	0.29067908	-0.115329638	0.908183847	0.994688009
<i>Ddx43</i>	0.218243921	1.613107064	0.135294133	0.892379324	0.993300147
<i>Mb21d1</i>	-0.578932035	0.248091841	-2.333539193	0.019619864	0.593385684
<i>Mto1</i>	-0.272944257	0.245791498	-1.1104707	0.266796247	0.89768067
<i>Eef1a1</i>	0.175680556	0.17285374	1.016353802	0.309460936	0.9139204
<i>Slc17a5</i>	0.062391583	0.164153237	0.380081347	0.703885031	0.988585656
<i>Cd109</i>	1.187286143	1.178361536	1.007573742	0.31365914	0.915639195
<i>Gm10635</i>	-1.467459033	1.816505666	-0.807847209	0.419178544	0.943415794
<i>Col12a1</i>	-0.043691904	0.229362647	-0.190492673	0.848923084	0.992886758
<i>Cox7a2</i>	0.167107625	0.19228543	0.869060253	0.384814175	0.931689378
<i>Tmem30a</i>	-0.045376267	0.132647875	-0.342080621	0.732290221	0.988585656
<i>4930429F24Rik</i>	-0.041437328	0.641677117	-0.064576603	0.948511114	0.99560893
<i>Filip1</i>	0.265449878	0.392992776	0.675457398	0.499385209	0.960700483
<i>Senp6</i>	-0.163399623	0.137099463	-1.191832697	0.233326852	0.89581803
<i>Myo6</i>	-0.083154675	0.120420266	-0.690537213	0.489856416	0.958560421
<i>Htr1b</i>	-0.157061236	0.803086967	-0.19557189	0.844945264	0.992886758
<i>D430036J16Rik</i>	-0.330042218	0.207584588	-1.589916774	0.111853566	0.801067615
<i>Mei4</i>	0.194969373	0.517872692	0.376481278	0.706559132	0.988585656
<i>Irak1bp1</i>	-0.109295286	0.173458421	-0.630095011	0.528632424	0.965637248
<i>Phip</i>	-0.035017878	0.160459385	-0.21823515	0.8272459	0.992886758
<i>Hmgcn3</i>	-0.042318504	0.158109173	-0.267653693	0.788965897	0.990988839
<i>Lca5</i>	-0.409132583	0.194728875	-2.101037059	0.035637713	0.674795441
<i>Sh3bgrl2</i>	-0.308583155	0.138952576	-2.220780388	0.02636584	0.632301593
<i>Elovl4</i>	1.229127736	0.954958677	1.287100442	0.198059281	0.880239572
<i>Ttk</i>	0.578280973	1.164166638	0.496733847	0.619376751	0.974471036

<i>Bckdhb</i>	-0.056255367	0.189659404	-0.29661259	0.766762298	0.989884648
<i>Fam46a</i>	-0.47283898	0.212606484	-2.224010156	0.026147761	0.631530315
<i>Ibtk</i>	-0.210739255	0.141040665	-1.494173719	0.13513022	0.829809681
<i>Tpbg</i>	0.096449531	0.532565029	0.181103764	0.85628613	0.992886758
<i>Ube2cbp</i>	1.000888668	0.886582595	1.128928848	0.25892785	0.897248195
<i>Dopey1</i>	-0.074487803	0.273873724	-0.271978641	0.785638443	0.990988839
<i>Pgm3</i>	-0.342621639	0.210716063	-1.625987285	0.10395236	0.79155232
<i>Rwdd2a</i>	0.200706118	0.331775079	0.604946336	0.545214654	0.967491297
<i>Me1</i>	-0.130573144	0.153300812	-0.851744633	0.394355842	0.933796635
<i>A330041J22Rik</i>	0.252969638	0.763310896	0.331411014	0.740334046	0.988585656
<i>Prss35</i>	-0.247046527	1.088714884	-0.226915725	0.820489274	0.992886758
<i>Cyb5r4</i>	-0.066315053	0.099697786	-0.665160736	0.505947691	0.96224682
<i>Cep162</i>	-0.209176325	0.475373037	-0.440025641	0.659918537	0.979924124
<i>Tbx18</i>	-0.71278575	0.79630936	-0.895111606	0.37072743	0.928436166
<i>Nt5e</i>	-0.23887595	0.088891427	-2.687277694	0.007203704	0.452031612
<i>Snx14</i>	-0.13828255	0.138257931	-1.000178065	0.317224343	0.91640698
<i>Syncrip</i>	-0.162007198	0.091455198	-1.771437837	0.076487921	0.752876039
<i>Snhg5</i>	0.072224596	0.169313374	0.426573484	0.669690014	0.981863224
<i>Zfp949</i>	0.192683171	0.176690696	1.090511132	0.275488053	0.900302631
<i>Trim43a</i>	1.209570417	2.181017235	0.554590031	0.579175109	0.971613657
<i>9430037G07Rik</i>	0.122718023	0.524085442	0.234156519	0.81486347	0.992116023
<i>Mthfsl</i>	0.416430095	0.223761955	1.861040653	0.062738436	0.727650961
<i>Bcl2a1d</i>	0.161677049	0.238163989	0.678847588	0.497234438	0.960475196
<i>9330159M07Rik</i>	0.206458213	0.470586079	0.438725713	0.660860294	0.979924124
<i>Bcl2a1a</i>	-0.144963086	0.252409496	-0.574317087	0.565753249	0.97007491
<i>Bcl2a1b</i>	0.095770268	0.232043168	0.412726084	0.679807312	0.983903958
<i>Mthfs</i>	0.497267968	0.218703685	2.273706396	0.022983645	0.620006604
<i>Tmed3</i>	0.055611713	0.150371837	0.369827979	0.711510667	0.988585656
<i>Rasgrf1</i>	0.13923952	0.796918565	0.174722394	0.86129777	0.992886758
<i>Ctsh</i>	0.082047983	0.160450141	0.511361238	0.609098132	0.974001549
<i>Morf4l1</i>	0.162055202	0.096991658	1.670815877	0.094758052	0.777748075
<i>Adams7</i>	1.374248125	1.103034881	1.245879118	0.212808777	0.884945675
<i>Tbc1d2b</i>	0.150319598	0.182079405	0.825571668	0.409047112	0.940768024
<i>Plscr1</i>	0.112447786	0.147303008	0.763377392	0.445238359	0.948476747
<i>Mir6386</i>	-0.904839124	1.429109793	-0.633148782	0.526636489	0.965637248
<i>Plscr2</i>	0.230776292	0.144205212	1.600332531	0.109524834	0.798400564
<i>Plscr4</i>	-0.148672316	0.144911702	-1.025951074	0.304914646	0.912452608
<i>B430319G15Rik</i>	0.061154247	0.542705194	0.112684101	0.910281006	0.994688009
<i>Plod2</i>	-0.233882257	0.181284938	-1.290136177	0.197003381	0.879755417
<i>1190002N15Rik</i>	-0.182642994	0.143782823	-1.270269917	0.2039885	0.883661513
<i>Slc9a9</i>	0.007661759	0.338923843	0.022606136	0.981964449	0.997390438
<i>Chst2</i>	0.254506861	0.247059165	1.030145393	0.302941759	0.911623139
<i>U2surp</i>	-0.044668822	0.138796396	-0.321829839	0.747581607	0.988585656
<i>Paqr9</i>	0.752961234	1.226621696	0.613849597	0.53931472	0.966900344
<i>Pcolce2</i>	0.033649798	0.114508552	0.293862745	0.768862787	0.989990452
<i>Trpc1</i>	-0.619004856	0.45031611	-1.374600734	0.169255261	0.861597949
<i>Pls1</i>	-0.25937319	0.247029265	-1.049969483	0.293732144	0.907334416
<i>Atr</i>	-0.10263172	0.255889116	-0.401078879	0.688362051	0.98538669
<i>Xrn1</i>	-0.458972233	0.354064576	-1.296295264	0.19487378	0.879588734
<i>Gk5</i>	-0.106791058	0.600002125	-0.177984466	0.858735176	0.992886758
<i>Tfdp2</i>	0.07540029	0.128944294	0.584750886	0.558715233	0.968926429
<i>Atp1b3</i>	0.004515989	0.090031165	0.050160285	0.959994659	0.996474415
<i>Rnf7</i>	0.306649633	0.250939903	1.222004271	0.221706012	0.89157489
<i>Rasa2</i>	0.028259754	0.171329503	0.164943885	0.868988151	0.992886758
<i>Zbtb38</i>	-0.375057103	0.416437026	-0.90063342	0.36778326	0.928436166
<i>E030011O05Rik</i>	-0.051327997	0.655609162	-0.078290543	0.93759694	0.994688009
<i>Pxylp1</i>	-0.13720992	0.219897879	-0.623971092	0.53264657	0.96674935
<i>Spsb4</i>	-1.416604541	0.901587294	-1.571233923	0.116128323	0.811920148
<i>Slc25a36</i>	-0.33919257	0.144950523	-2.340057586	0.019280767	0.592187315
<i>Clstn2</i>	-0.086202322	0.341803382	-0.252198564	0.800887588	0.990988839
<i>Nmnat3</i>	0.074054136	0.189104879	0.391603519	0.695351187	0.98715859
<i>Rbp1</i>	0.150098439	0.139637942	1.074911565	0.282414324	0.90579922

<i>Rbp2</i>	-0.120169275	0.493379075	-0.243563785	0.807568679	0.99099448
<i>4930579K19Rik</i>	0.525638658	0.328186519	1.601646099	0.109233891	0.798400564
<i>Copb2</i>	-0.150906778	0.135411201	-1.1144335	0.265093259	0.89768067
<i>Mrps22</i>	0.070208185	0.161633458	0.434366658	0.664022206	0.981154469
<i>Faim</i>	0.359281527	0.171273853	2.097702136	0.035931466	0.674795441
<i>Gm1123</i>	-0.090706019	1.973422689	-0.045963807	0.963339098	0.996474415
<i>Pik3cb</i>	0.054287315	0.2144441	0.253153692	0.80014945	0.990988839
<i>Cep70</i>	0.124640704	0.154343378	0.807554593	0.419347035	0.943415794
<i>Esyt3</i>	0.212649745	0.189985518	1.1192945	0.263014521	0.897248195
<i>Mras</i>	-0.039044431	0.229482846	-0.170140955	0.864899285	0.992886758
<i>Nme9</i>	0.037984335	0.144316238	0.263202084	0.792394824	0.990988839
<i>1600029I14Rik</i>	0.009030964	0.305527553	0.029558592	0.97641909	0.997262526
<i>Armc8</i>	0.009752292	0.118662604	0.08218505	0.934499562	0.994688009
<i>Dbr1</i>	-0.107707119	0.178388483	-0.603778435	0.545990958	0.96778188
<i>Dzip1l</i>	-0.394689037	0.262175127	-1.505440434	0.13221088	0.827800491
<i>Cldn18</i>	-0.060555227	0.103500889	-0.585069628	0.5585009	0.968926429
<i>Il20rb</i>	-0.228593625	0.38468561	-0.594234927	0.552354995	0.968926429
<i>Nck1</i>	0.151504467	0.158708198	0.954610213	0.33977485	0.919246575
<i>Slc35g2</i>	0.046515753	0.163997818	0.283636412	0.77668903	0.990861469
<i>Stag1</i>	-0.120752518	0.161348804	-0.748394251	0.454222389	0.950990329
<i>Pccb</i>	0.042845726	0.118844638	0.360518793	0.718459206	0.988585656
<i>Msl2</i>	-0.008808471	0.117848002	-0.074744334	0.940418132	0.994688009
<i>Ppp2r3a</i>	0.021721156	0.254642564	0.085300572	0.932022437	0.994688009
<i>Ephb1</i>	0.019507573	0.524288604	0.037207701	0.970319399	0.996628386
<i>Ky</i>	0.065717586	0.679217628	0.09675483	0.922921096	0.994688009
<i>Cep63</i>	0.118386058	0.16075505	0.736437564	0.461464451	0.953083512
<i>Anapc13</i>	0.420097975	0.163554856	2.568544804	0.010212651	0.499427958
<i>Amotl2</i>	-0.106695128	0.19552551	-0.545683924	0.585283225	0.972904784
<i>Ryk</i>	-0.154421794	0.100586387	-1.535215636	0.124730869	0.821164769
<i>Slco2a1</i>	-0.126775229	0.204461194	-0.620045428	0.535227879	0.96674935
<i>Rab6b</i>	0.076790571	0.150993525	0.508568634	0.611054619	0.974001549
<i>Srprb</i>	-0.092521296	0.108516668	-0.852599856	0.393881243	0.933796635
<i>Trf</i>	-0.418951072	0.137824652	-3.039739736	0.002367827	0.31402518
<i>1300017J02Rik</i>	-1.152485142	1.521032926	-0.757699009	0.448631192	0.948476747
<i>Topbp1</i>	-0.213048907	0.161544974	-1.318821016	0.187228957	0.873455432
<i>Cdv3</i>	-0.103646259	0.122637643	-0.845142294	0.398031397	0.935327115
<i>Bfsp2</i>	0.322848801	1.192508049	0.27073092	0.786597994	0.990988839
<i>Tmem108</i>	-0.244930613	0.477611837	-0.512823582	0.608074732	0.974001549
<i>Nphp3</i>	-0.351148973	0.193506154	-1.814665657	0.069575306	0.743426713
<i>Uba5</i>	0.047895834	0.099748427	0.480166314	0.631109138	0.977034429
<i>Acad11</i>	-0.299384406	0.230043887	-1.301423003	0.193113704	0.879588734
<i>Ackr4</i>	0.015704365	0.332681548	0.047205399	0.962349524	0.996474415
<i>Dnajc13</i>	-0.102207696	0.172215532	-0.593487094	0.552855218	0.968926429
<i>Acpp</i>	-0.238401797	0.366726377	-0.650080856	0.515639994	0.964352198
<i>Mrpl3</i>	-0.049046572	0.165403376	-0.296527034	0.766827625	0.989884648
<i>Nudt16</i>	0.129506327	0.170992882	0.757378467	0.448823153	0.948476747
<i>Nek11</i>	-0.479168193	0.182989876	-2.618550293	0.008830427	0.475600561
<i>Aste1</i>	0.158356387	0.246105366	0.64344955	0.51993244	0.964665379
<i>Atp2c1</i>	-0.079558179	0.10869188	-0.731960648	0.464192587	0.953083512
<i>Pik3r4</i>	0.061843345	0.226835943	0.272634681	0.78513405	0.990988839
<i>Col6a5</i>	0.500149083	2.023180932	0.247209271	0.804746271	0.990988839
<i>Glyctk</i>	0.874481274	0.696506818	1.255524355	0.209288472	0.884258007
<i>Wdr82</i>	-0.16335831	0.132300812	-1.234749107	0.216923894	0.887633697
<i>Ppm1m</i>	0.129067757	0.149553216	0.863022279	0.388125218	0.933269543
<i>Twf2</i>	0.264937563	0.13009036	2.036565685	0.041693584	0.679118604
<i>Tlr9</i>	-0.508768659	1.545469177	-0.329200133	0.742004422	0.988585656
<i>Alas1</i>	-0.563955857	0.141314243	-3.990792765	6.59E-05	0.03839924
<i>Poc1a</i>	-0.15343422	0.213174778	-0.719757852	0.471674099	0.95486913
<i>Dusp7</i>	-0.289276833	0.172573396	-1.676253928	0.093688465	0.775558829
<i>Rpl29</i>	-0.021246625	0.10231657	-0.20765576	0.835497763	0.992886758
<i>Acy1</i>	0.436534259	0.354072368	1.232895585	0.217614723	0.887633697
<i>Abhd14a</i>	-0.128968774	0.168198807	-0.766763902	0.443221902	0.948476747

<i>Abhd14b</i>	-0.083170387	0.109675075	-0.758334446	0.448250791	0.948476747
<i>Pcbp4</i>	0.042503161	0.197472862	0.215235452	0.829583752	0.992886758
<i>Gpr62</i>	-0.17398191	1.320442331	-0.131760325	0.895173869	0.993604681
<i>Parp3</i>	-0.062325506	0.124042758	-0.502451792	0.615349755	0.974001549
<i>Rrp9</i>	0.054164797	0.150147922	0.3607429	0.718291651	0.988585656
<i>Tex264</i>	-0.267609174	0.156307959	-1.712063647	0.08688494	0.765418158
<i>Rad54l2</i>	-0.428006643	0.281756308	-1.519066766	0.128745691	0.827245532
<i>Vprbp</i>	-0.160407197	0.199615919	-0.803579185	0.421640048	0.943415794
<i>Rbm15b</i>	-0.307201632	0.238624563	-1.287384783	0.197960206	0.880239572
<i>Manf</i>	0.088634314	0.17302172	0.512272757	0.608460129	0.974001549
<i>Dock3</i>	0.413270794	0.830693349	0.497501027	0.618835779	0.974471036
<i>Mapkapk3</i>	0.072906303	0.130285835	0.559587334	0.575760947	0.971613657
<i>Cish</i>	-0.25569658	0.177358132	-1.441696396	0.149388041	0.848779008
<i>Hemk1</i>	0.233811129	0.195197405	1.197818838	0.230987552	0.895404344
<i>6430571L13Rik</i>	2.865808267	1.398311797	2.049477286	0.040415467	0.679118604
<i>Tmem115</i>	-0.454127858	0.215847886	-2.103925435	0.035384952	0.674795441
<i>Cyb561d2</i>	0.055335621	0.152234223	0.363490024	0.716238864	0.988585656
<i>Nprl2</i>	-0.024869735	0.167664443	-0.148330405	0.882082021	0.992886758
<i>Zmynd10</i>	-0.426687281	0.173365122	-2.461206015	0.013847083	0.545277966
<i>Rassf1</i>	-0.192923305	0.103941739	-1.856071557	0.063443359	0.728651743
<i>Tusc2</i>	0.129374006	0.176841248	0.731582749	0.464423281	0.953083512
<i>Hyal2</i>	-0.17647595	0.144711457	-1.219502272	0.222653614	0.892391445
<i>Hyal1</i>	0.150650391	0.450184993	0.334641077	0.737895855	0.988585656
<i>Nat6</i>	0.052491532	0.237896737	0.220648391	0.825366219	0.992886758
<i>Hyal3</i>	0.595385357	0.587796794	1.012910181	0.311103065	0.914819219
<i>Ifrd2</i>	-0.259975597	0.167613844	-1.551038932	0.120892354	0.816233249
<i>Sema3b</i>	-0.245796182	0.233891954	-1.050896266	0.293306236	0.907334416
<i>Gnai2</i>	-0.110125264	0.133854618	-0.822722934	0.41066557	0.941195652
<i>Sema3f</i>	0.052800851	0.144045276	0.366557323	0.713949247	0.988585656
<i>Rbm5</i>	0.023130161	0.105689531	0.218850065	0.826766846	0.992886758
<i>Rbm6</i>	-0.093193198	0.22393247	-0.416166525	0.677288153	0.983670411
<i>Mon1a</i>	0.196780341	0.244396572	0.805168171	0.420722641	0.943415794
<i>Mst1r</i>	-0.293421192	0.334028883	-0.878430599	0.379710085	0.929185635
<i>Traip</i>	-0.220128058	0.492715036	-0.446765457	0.655044414	0.979133069
<i>Uba7</i>	0.167248801	0.174026433	0.961054004	0.336525015	0.919242242
<i>Fam212a</i>	0.321971303	0.255233611	1.261476897	0.207137079	0.883765092
<i>Ip6k1</i>	-0.188790835	0.102858188	-1.835447798	0.066439367	0.738254074
<i>Gmppb</i>	0.041501254	0.16866958	0.246050616	0.805643051	0.99099448
<i>Rnf123</i>	0.024750993	0.367980239	0.067261745	0.946373331	0.995065399
<i>Amigo3</i>	0.120872752	0.739756934	0.163395226	0.870207261	0.992886758
<i>Mst1</i>	-0.507012116	0.535447359	-0.946894419	0.343692582	0.920669678
<i>Apeh</i>	-0.022136497	0.138099702	-0.16029359	0.872649808	0.992886758
<i>Bsn</i>	-0.321800361	0.908710409	-0.354128618	0.723242496	0.988585656
<i>Dag1</i>	-0.121015389	0.139841433	-0.865375785	0.386832567	0.93263664
<i>Nicn1</i>	-0.119612286	0.138497203	-0.86364405	0.387783458	0.933137881
<i>Amt</i>	0.080238121	0.255091481	0.314546456	0.753106039	0.988585656
<i>Tcta</i>	0.089959666	0.115098425	0.78158903	0.434456136	0.946762848
<i>Rhoa</i>	0.068765307	0.086320398	0.796628703	0.425666702	0.944290206
<i>Gpx1</i>	0.048375645	0.181577184	0.266419181	0.789916395	0.990988839
<i>Usp4</i>	-0.154901862	0.142481438	-1.087172228	0.276960702	0.900604936
<i>1700102P08Rik</i>	0.038216022	0.908955061	0.042043907	0.966463696	0.996474415
<i>Ccdc36</i>	-0.3874975	1.733389984	-0.223548944	0.823108295	0.992886758
<i>Klhdc8b</i>	0.249374913	0.21236998	1.174247473	0.240295916	0.896939594
<i>Ccdc71</i>	-0.04860628	0.151622892	-0.320573491	0.748533629	0.988585656
<i>Lamb2</i>	0.233394563	0.173375692	1.34617812	0.17824508	0.867377413
<i>Usp19</i>	-0.007628066	0.172440228	-0.044236	0.964716286	0.996474415
<i>Qars</i>	0.056403904	0.121260531	0.46514644	0.641826591	0.97813956
<i>Qrich1</i>	0.025356772	0.145802861	0.173911344	0.861935137	0.992886758
<i>Impdh2</i>	0.040910875	0.124873398	0.32761882	0.74319989	0.988585656
<i>Ndufaf3</i>	-0.20036458	0.132291349	-1.514570543	0.129881197	0.827800491
<i>Mir425</i>	1.222845873	1.747519149	0.699761072	0.484076529	0.957710647
<i>Dalrd3</i>	0.011907228	0.121919869	0.097664378	0.922198803	0.994688009

<i>Wdr6</i>	-0.380739627	0.225452387	-1.68878064	0.091261475	0.771949327
<i>P4htm</i>	-0.305736369	0.203729544	-1.500697261	0.133433882	0.827800491
<i>Arih2</i>	-0.16360271	0.114882259	-1.42409029	0.154420337	0.854361518
<i>Slc25a20</i>	0.366432164	0.153125275	2.393022076	0.016710236	0.56772809
<i>Prkar2a</i>	-0.174335015	0.192306635	-0.906547061	0.364646367	0.926556975
<i>Ip6k2</i>	-0.147445483	0.176820799	-0.833869566	0.404354489	0.938127315
<i>Nckipsd</i>	-0.184971874	0.295761979	-0.625407886	0.531703388	0.966606934
<i>Celsr3</i>	-0.633925164	1.525916858	-0.415438863	0.677820662	0.983670411
<i>Slc26a6</i>	0.256667607	0.508411249	0.504842503	0.613669461	0.974001549
<i>Uqcrc1</i>	-0.098188683	0.108293739	-0.906688455	0.36457157	0.926556975
<i>Col7a1</i>	1.154517616	0.874226532	1.32061608	0.186629408	0.872512868
<i>Pfkfb4</i>	-0.112710415	0.137776577	-0.818066598	0.41331916	0.943143495
<i>Shisa5</i>	0.052694835	0.173753457	0.303273593	0.761681369	0.989285682
<i>Trex1</i>	-0.091835608	0.172066908	-0.533720334	0.593535039	0.974001549
<i>Atrip</i>	-0.095041911	0.266042659	-0.357243125	0.720909804	0.988585656
<i>Tma7</i>	0.22757431	0.19983971	1.138784226	0.254793162	0.897044747
<i>Ccdc51</i>	-0.116776594	0.244465184	-0.477681901	0.632876628	0.977034429
<i>Plxnb1</i>	-0.062614118	0.15620306	-0.400850776	0.688529993	0.98538669
<i>Fbxw13</i>	-0.012605853	2.161908523	-0.005830891	0.995347648	0.999285699
<i>3000002C10Rik</i>	0.558161394	0.578049273	0.965594838	0.334246959	0.918030088
<i>Nme6</i>	0.124781425	0.214392092	0.582024381	0.560550259	0.968926429
<i>Camp</i>	2.629842633	1.057729506	2.486309229	0.012907575	0.532176722
<i>Cdc25a</i>	0.10760853	0.32739763	0.328678402	0.742398781	0.988585656
<i>Map4</i>	-0.183842875	0.187658175	-0.979668886	0.327249589	0.916882624
<i>Dhx30</i>	-0.191196092	0.211797333	-0.902731349	0.366668494	0.927866786
<i>Smarcc1</i>	-0.202546983	0.287415949	-0.704717269	0.480986202	0.957463006
<i>Cspg5</i>	-0.336992349	0.740500262	-0.455087414	0.649046352	0.979004493
<i>Mir6236</i>	-0.020988037	0.333619783	-0.062910049	0.949838133	0.995727234
<i>Elp6</i>	-0.353759136	0.34717646	-1.018960606	0.308221669	0.9139204
<i>Scap</i>	0.035370707	0.162041115	0.218282301	0.827209164	0.992886758
<i>Ptpn23</i>	-0.204439545	0.322766959	-0.633396759	0.526474581	0.965637248
<i>Ngp</i>	3.209957124	1.08459735	2.959584149	0.003080546	0.346777009
<i>Klhl18</i>	-0.432534455	0.331403105	-1.305161141	0.191837983	0.878912371
<i>Kif9</i>	-0.238542589	0.209821724	-1.136882226	0.255587523	0.897044747
<i>Setd2</i>	-0.243955702	0.221118867	-1.103278545	0.269906221	0.89804647
<i>Nradd</i>	0.093061863	0.146683611	0.634439407	0.525794099	0.965637248
<i>Nbeal2</i>	0.100613504	0.196981993	0.510775138	0.60950852	0.974001549
<i>Ccdc12</i>	0.361188781	0.110264868	3.275646985	0.001054202	0.240510037
<i>Pth1r</i>	0.059786235	0.470136708	0.127167767	0.898807616	0.994364545
<i>Myl3</i>	0.835590929	0.350998915	2.380608299	0.01728408	0.578272886
<i>Tmie</i>	0.473972554	0.351612801	1.347995731	0.177659756	0.866855369
<i>Als2cl</i>	0.099457336	0.143105728	0.694992	0.487060315	0.958288569
<i>Tdgf1</i>	0.611000046	0.354841243	1.721896926	0.085088192	0.761635307
<i>Lrrc2</i>	0.216900735	0.486834025	0.445533229	0.655934452	0.979462392
<i>Rtp3</i>	0.393500384	0.312241333	1.260244378	0.207581218	0.883846885
<i>Ltf</i>	-0.223034856	0.427523981	-0.521689697	0.601886399	0.974001549
<i>Ccrl2</i>	-0.064982053	0.14077511	-0.461601859	0.644366861	0.97889195
<i>Lrrfip2</i>	-0.104557811	0.153002364	-0.683373824	0.494370656	0.958962778
<i>Mlh1</i>	0.029533514	0.21670086	0.136287017	0.891594387	0.993043931
<i>Epm2aip1</i>	-0.408963568	0.19751444	-2.07055022	0.038400848	0.679118604
<i>Dclk3</i>	-1.062344707	0.980901977	-1.083028408	0.278795814	0.90176568
<i>Stac</i>	1.104339775	1.244129198	0.88764075	0.374734026	0.928883222
<i>Pdcd6ip</i>	-0.319265637	0.150382957	-2.12301742	0.033752392	0.671818913
<i>Clasp2</i>	0.093849554	0.214146392	0.438249522	0.661205413	0.979955675
<i>Ubp1</i>	-0.012480959	0.125175354	-0.0997078	0.920576308	0.994688009
<i>Fbxl2</i>	-0.294483181	0.231751891	-1.270682972	0.203841456	0.88349335
<i>Susd5</i>	-0.554989609	1.801232629	-0.308116564	0.757993638	0.989266039
<i>4930520O04Rik</i>	-0.304361437	0.979407344	-0.310760828	0.755982451	0.989266039
<i>Crtap</i>	-0.136184908	0.162996406	-0.835508654	0.403431376	0.937834293
<i>Glb1</i>	-0.263519301	0.237913665	-1.107625746	0.26802348	0.89804647
<i>Tmppe</i>	-0.471215418	0.418605882	-1.125677968	0.260301853	0.897248195
<i>Ccr4</i>	-1.543064357	1.131574543	-1.363643576	0.17267977	0.86244803

<i>Cnot10</i>	0.000455323	0.151373858	0.003007937	0.997600017	0.99957296
<i>Dync1li1</i>	-0.173576263	0.124666442	-1.392325475	0.163823861	0.859982992
<i>Cmtm6</i>	-0.047524192	0.122613783	-0.387592571	0.698317567	0.987736745
<i>Cmtm7</i>	-0.053711271	0.168375792	-0.318996394	0.749729247	0.988585656
<i>Cmtm8</i>	0.040528224	0.122060724	0.33203329	0.739864122	0.988585656
<i>Gpd1l</i>	-0.172919703	0.118736116	-1.456336191	0.145299705	0.842729381
<i>Osbpl10</i>	-0.603752695	0.43933786	-1.374233249	0.169369282	0.861597949
<i>Stt3b</i>	-0.255642827	0.136513647	-1.872654004	0.061116179	0.725221283
<i>Tgfb2</i>	-0.155726959	0.132161424	-1.178308722	0.238673552	0.896609492
<i>Rbms3</i>	-0.187229956	0.202975919	-0.922424473	0.356307209	0.924354588
<i>Azi2</i>	-0.030955634	0.091744252	-0.337412242	0.735806158	0.988585656
<i>Cmc1</i>	0.201681577	0.200775421	1.004513284	0.315131272	0.91586731
<i>Eomes</i>	0.775379159	0.899139531	0.862356878	0.388491162	0.933269543
<i>Golga4</i>	0.076624612	0.186354602	0.411176389	0.6809432	0.984395221
<i>Itga9</i>	-0.184082191	0.152372834	-1.208103744	0.22700736	0.89398447
<i>Ctdspl</i>	-0.174709168	0.182318335	-0.958264386	0.337929458	0.919246575
<i>Vill</i>	-0.044478003	0.283245832	-0.157029682	0.875221456	0.992886758
<i>Plcd1</i>	0.008407121	0.290388581	0.028951281	0.976903447	0.997262526
<i>Dlec1</i>	0.236250592	0.465184742	0.507864018	0.61154871	0.974001549
<i>Acaa1b</i>	0.053491536	0.382271933	0.139930588	0.888714833	0.992886758
<i>Slc22a14</i>	0.687971052	0.572668897	1.201341745	0.229618664	0.895404344
<i>Slc22a13b-ps</i>	0.681942412	1.15283475	0.591535267	0.554161832	0.968926429
<i>Oxsr1</i>	-0.011556065	0.111868793	-0.103300169	0.917724741	0.994688009
<i>Myd88</i>	-0.03978747	0.106089994	-0.375035085	0.707634374	0.988585656
<i>Acaa1a</i>	0.073889924	0.129857855	0.569006197	0.569351935	0.97144955
<i>Xylb</i>	0.167648146	0.484961632	0.345693627	0.729572974	0.988585656
<i>Acvr2b</i>	-0.789048223	0.53801104	-1.466602289	0.142484277	0.840741274
<i>Exog</i>	-0.153713479	0.245113429	-0.627111616	0.530586074	0.966026275
<i>Scn5a</i>	-0.827101249	0.438150554	-1.887710152	0.059064873	0.72285319
<i>Scn10a</i>	0.872656484	1.921704425	0.454105466	0.649752919	0.979004493
<i>Wdr48</i>	-0.188653416	0.202246027	-0.932791699	0.350927528	0.922414914
<i>Gorasp1</i>	-0.156526585	0.15484013	-1.010891589	0.31206832	0.914819219
<i>Ttc21a</i>	-0.102587739	0.274215101	-0.374114113	0.708319419	0.988585656
<i>Csrnp1</i>	-0.103415917	0.395804794	-0.261280103	0.793876509	0.990988839
<i>Xirp1</i>	0.432418103	1.824805258	0.236966712	0.812682615	0.992000477
<i>Cx3cr1</i>	0.249416846	0.348405489	0.715880932	0.474064873	0.955974667
<i>Ccr8</i>	0.446845635	1.06571098	0.419293451	0.675001682	0.983549699
<i>Slc25a38</i>	-0.091663931	0.124725164	-0.734927322	0.462383758	0.953083512
<i>Rpsa</i>	0.079600035	0.133631969	0.595666112	0.551398301	0.968926429
<i>Myrip</i>	0.12055528	0.40436958	0.298131426	0.765602857	0.989884648
<i>Eif1b</i>	0.145946904	0.119376621	1.222575261	0.221490162	0.891315805
<i>Entpd3</i>	0.093380537	0.46373644	0.201365537	0.840412761	0.992886758
<i>Rpl14</i>	0.296720002	0.163449064	1.815366784	0.069467562	0.743426713
<i>5830454E08Rik</i>	0.862330374	0.44035177	1.958276165	0.050197616	0.707153766
<i>Ctnnb1</i>	-0.242166507	0.160889712	-1.505170865	0.132280154	0.827800491
<i>Ulk4</i>	-0.221793099	0.367594863	-0.603362889	0.546267304	0.96778188
<i>Trak1</i>	-0.232492806	0.160760451	-1.446206478	0.148119297	0.847572129
<i>Lyzl4</i>	-0.373963734	0.523200416	-0.714761922	0.474756168	0.956387791
<i>Vipr1</i>	-0.067723142	0.595141119	-0.113793418	0.909401557	0.994688009
<i>Sec22c</i>	-0.236270042	0.295659613	-0.799128566	0.424215867	0.94406679
<i>Deb1</i>	0.189971705	0.196834651	0.965133447	0.334477976	0.918030088
<i>Nktr</i>	-0.340222644	0.159246897	-2.136447557	0.032642951	0.665167506
<i>E530011L22Rik</i>	0.08184715	0.556882686	0.146973775	0.88315272	0.992886758
<i>Zfp651</i>	-0.037270251	0.173359395	-0.214988357	0.829776396	0.992886758
<i>Klhl40</i>	-0.62837765	1.859416299	-0.337943499	0.735405767	0.988585656
<i>Hhatl</i>	-0.499058037	0.365182188	-1.366600161	0.171750667	0.86244803
<i>Ccdc13</i>	-0.15796989	0.47611056	-0.331792451	0.740045985	0.988585656
<i>Higd1a</i>	0.299606118	0.182321077	1.643288443	0.100323268	0.788783372
<i>Ackr2</i>	-0.513438814	0.27648222	-1.857040982	0.063305324	0.728651743
<i>Cyp8b1</i>	0.504916744	0.917100157	0.550557909	0.58193677	0.971998122
<i>1700048O20Rik</i>	0.403416324	0.441202369	0.91435666	0.360529467	0.925913281
<i>Fam198a</i>	0.193445064	0.380206521	0.508789443	0.61089982	0.974001549

<i>Pomgnt2</i>	0.117822363	0.24350278	0.483864549	0.628482001	0.977034429
<i>Snrk</i>	-0.341800467	0.180833166	-1.890142577	0.058738894	0.72285319
<i>Ano10</i>	-0.246110277	0.217541652	-1.131324854	0.257918387	0.897248195
<i>Abhd5</i>	0.019713529	0.103044016	0.191311726	0.848281375	0.992886758
<i>Topaz1</i>	-0.46929414	0.91220518	-0.514461165	0.606929605	0.974001549
<i>Tcaim</i>	-0.261274664	0.170059866	-1.536368755	0.124447965	0.821164769
<i>Zfp445</i>	-0.207910245	0.188858072	-1.100880907	0.270948493	0.89804647
<i>Zkscan7</i>	-0.40786963	0.325466049	-1.253186412	0.210137874	0.884258007
<i>Zfp105</i>	-0.064239737	0.163568489	-0.392739076	0.694512207	0.987010101
<i>1110059G10Rik</i>	0.252562566	0.14115433	1.789265449	0.073572076	0.748833631
<i>Kif15</i>	0.334968303	0.397413178	0.842871654	0.399300228	0.936273856
<i>Tmem42</i>	0.306167786	0.189837606	1.612787853	0.106790606	0.794908043
<i>Tgm4</i>	0.210072018	0.263077269	0.798518319	0.424569767	0.944280828
<i>Zdhhc3</i>	-0.047265159	0.123056582	-0.384092896	0.700909596	0.988482081
<i>Exosc7</i>	0.258594318	0.117463109	2.201493892	0.027701079	0.637644759
<i>Clec3b</i>	-0.031160362	0.149436742	-0.208518743	0.834823949	0.992886758
<i>Cdcp1</i>	-0.153464575	0.310861873	-0.493674486	0.621536087	0.97514112
<i>Tmem158</i>	-0.050037271	0.251656053	-0.19883198	0.842394179	0.992886758
<i>Lars2</i>	-0.018878866	0.183707735	-0.102765767	0.918148875	0.994688009
<i>Limd1</i>	0.005773518	0.130041547	0.044397491	0.964587561	0.996474415
<i>Sacm1l</i>	-0.077720573	0.09154555	-0.84898254	0.395891008	0.934066368
<i>Slc6a20a</i>	-1.143786732	0.372926589	-3.067055999	0.002161784	0.308737709
<i>Lztf1l</i>	-0.080546088	0.131225777	-0.613797762	0.539348976	0.966900344
<i>Ccr9</i>	0.829791756	0.621664149	1.334791074	0.181944736	0.868546072
<i>Fyco1</i>	0.258634542	0.205875408	1.256267291	0.209019077	0.884258007
<i>Cxcr6</i>	-0.519827275	0.258652449	-2.009751995	0.044457444	0.689308953
<i>Xcr1</i>	0.05726949	0.418372853	0.136886248	0.891120709	0.993043931
<i>Ccr1</i>	-0.325587168	0.260815966	-1.248340635	0.211906339	0.884945675
<i>Ccr3</i>	-0.40759103	0.864372808	-0.47154541	0.6372513	0.977284137
<i>Ccr2</i>	-0.006389996	0.22433619	-0.028484016	0.977276116	0.997262526
<i>Ccr5</i>	0.169475958	0.261158955	0.648937954	0.516378481	0.964352198
<i>Nudt11</i>	-0.094753145	0.330811921	-0.28642603	0.77455184	0.99084133
<i>Nudt10</i>	-0.251987398	0.475975104	-0.529412981	0.596518995	0.974001549
<i>Shroom4</i>	0.360013342	0.593733179	0.606355438	0.544278752	0.967491297
<i>Cln5</i>	0.287538186	0.911648893	0.315404525	0.752454532	0.988585656
<i>Usp27x</i>	-0.018382228	0.578905887	-0.031753397	0.974668712	0.997262526
<i>Gm14379</i>	0.580197327	0.583190409	0.994867745	0.319800592	0.91640698
<i>2010204K13Rik</i>	0.162275035	0.214968597	0.754877861	0.45032227	0.949134998
<i>Ppp1r3f</i>	0.258681805	0.488825374	0.529190626	0.596673219	0.974001549
<i>Ppp1r3fos</i>	-0.110773955	1.500432973	-0.073827993	0.941147252	0.994688009
<i>Ccdc22</i>	-0.009832014	0.21095576	-0.046606995	0.962826457	0.996474415
<i>Cacna1f</i>	-0.591571842	0.542317046	-1.09082288	0.275350827	0.900302631
<i>Syp</i>	0.289314397	0.312815644	0.924871893	0.355032549	0.924354588
<i>Prickle3</i>	-0.271032676	0.376900119	-0.719110083	0.472073095	0.955003345
<i>Plp2</i>	-0.080341466	0.130341829	-0.616390506	0.537636818	0.96674935
<i>Magix</i>	-0.000943348	0.169142435	-0.005577242	0.995550028	0.999285699
<i>Gpkow</i>	-0.084299479	0.099981903	-0.843147376	0.399146025	0.936273856
<i>Wdr45</i>	-0.016509201	0.150408627	-0.109762326	0.91259787	0.994688009
<i>Praf2</i>	-0.126288961	0.196698879	-0.642042097	0.52084585	0.964784335
<i>Ccdc120</i>	-0.011245506	0.268995089	-0.041805618	0.966653656	0.996474415
<i>Tfe3</i>	-0.056589393	0.224401183	-0.252179566	0.800902271	0.990988839
<i>Gripap1</i>	0.170801897	0.196754038	0.86809856	0.38534038	0.931689378
<i>Kcnd1</i>	-0.838146672	1.862034499	-0.450124137	0.652620934	0.979004493
<i>Otud5</i>	-0.025731553	0.110876774	-0.232073426	0.816480984	0.992676801
<i>Pim2</i>	-0.082780666	0.28467104	-0.290794125	0.771208779	0.989990452
<i>Slc35a2</i>	-0.126654124	0.189293272	-0.669089409	0.503438445	0.961729397
<i>Pqbp1</i>	-0.132058747	0.156443636	-0.844129873	0.398596836	0.93579994
<i>Timm17b</i>	0.456202307	0.15899122	2.869355353	0.004113094	0.38069687
<i>Pcsk1n</i>	-3.005405939	1.862649817	-1.613510984	0.106633539	0.794908043
<i>Hdac6</i>	-0.155445712	0.356124845	-0.436492185	0.662479668	0.980647283
<i>Gata1</i>	0.361007369	1.096063457	0.329367215	0.741878145	0.988585656
<i>Suv39h1</i>	-0.410073218	0.21204727	-1.93387643	0.053128323	0.707153766

Was	0.27260722	0.251016056	1.086015071	0.277472324	0.901191693
Gm6787	2.48210433	1.211257495	2.049196261	0.040442928	0.679118604
Wdr13	-0.052440419	0.128162974	-0.409169806	0.682415051	0.984738223
Rbm3	0.395747039	0.17161822	2.305973332	0.021112122	0.60743619
Rbm3os	0.746643737	1.827150938	0.408638236	0.682805166	0.984738223
Tbc1d25	-0.38330296	0.300274294	-1.276509403	0.201775505	0.881220006
Ebp	-0.470844602	0.116195036	-4.052192049	5.07E-05	0.03405023
Porcn	-0.452750275	0.212275066	-2.132847179	0.032937265	0.665167506
Ftsj1	-0.110614094	0.150361693	-0.735653421	0.461941643	0.953083512
Slc38a5	-0.196272902	0.254967365	-0.769796173	0.44142081	0.94817492
B630019K06Rik	0.021960857	0.486828044	0.04511009	0.964019559	0.996474415
Lanc13	-1.232698518	1.358328403	-0.907511406	0.364136421	0.926556975
Xk	-0.5429391	0.579623527	-0.936709907	0.348907799	0.921552698
Cybb	0.001584717	0.152960112	0.010360329	0.991733801	0.998770784
Dynlt3	0.137213158	0.153981045	0.891104218	0.372873262	0.928840865
Sytl5	-0.736729496	0.899975705	-0.818610426	0.413008716	0.942708418
Srpx	-0.229604961	0.196756358	-1.166950655	0.243230298	0.896939594
Rpgr	-0.094809511	0.161040002	-0.588732674	0.556040616	0.968926429
Otc	-0.191576482	0.717186725	-0.267122181	0.78937509	0.990988839
Tspan7	-0.131502984	0.137238274	-0.958209251	0.337957253	0.919246575
Mid1ip1	-0.013240948	0.162276435	-0.081595015	0.934968765	0.994688009
Bcor	-0.161805377	0.288676508	-0.5605076	0.575133257	0.971613657
2900008C10Rik	0.118747676	0.41836857	0.283835078	0.776536771	0.990861469
Atp6ap2	-0.200348121	0.098934316	-2.025061962	0.042861002	0.685039858
1810030O07Rik	-0.174356148	0.12880064	-1.353690073	0.175835276	0.865082036
Med14	-0.227931591	0.164658796	-1.384266108	0.166276988	0.860082
Gm14634	3.378866418	2.184109268	1.547022609	0.121857794	0.816233249
AA414768	-0.34773253	0.344419025	-1.009620565	0.312677113	0.914819219
5730405O15Rik	0.494772451	0.58044713	0.852398823	0.393992773	0.933796635
Usp9x	0.01388554	0.224323593	0.061899597	0.950642788	0.99573416
Ddx3x	-0.062738339	0.106782112	-0.587536036	0.556843756	0.968926429
Nyx	-0.282504311	0.511429634	-0.552381583	0.580686946	0.971613657
Cask	0.013781818	0.161445798	0.085364981	0.931971232	0.994688009
Gpr34	0.045502174	0.236652716	0.192274041	0.847527551	0.992886758
Gpr82	-1.159981245	0.56685127	-2.046359083	0.040721055	0.679118604
Maoa	-0.065658318	0.133111877	-0.493256644	0.621831259	0.97514112
Maob	-0.065175679	0.214999069	-0.303144007	0.761780118	0.989285682
Ndp	-0.245921374	1.126723465	-0.218262405	0.827224664	0.992886758
Efhc2	-0.769135116	0.445711064	-1.72563613	0.084412895	0.76099108
Fundc1	0.075197945	0.157852292	0.476381711	0.633802462	0.977034429
Kdm6a	-0.039865699	0.193749844	-0.205758614	0.836979471	0.992886758
4930578C19Rik	1.031051187	0.589426485	1.749244755	0.080248721	0.757353102
Chst7	-0.213523341	0.265338045	-0.804721922	0.420980166	0.943415794
Slc9a7	-0.117573156	0.390918271	-0.300761475	0.763596387	0.989331656
Rp2h	0.050836382	0.125261171	0.405843105	0.684857885	0.985105247
Jade3	-0.263460186	0.201991245	-1.304314877	0.192126245	0.879588734
Rgn	0.043331887	0.583721621	0.074233823	0.940824333	0.994688009
Ndufb11	0.159337036	0.146017971	1.091215247	0.275178181	0.900302631
Rbm10	-0.24151009	0.127520461	-1.893892854	0.058239233	0.72285319
Uba1	-0.328373999	0.183909691	-1.785517649	0.074177391	0.750704981
Cdk16	-0.029566941	0.130070357	-0.227314982	0.820178824	0.992886758
Usp11	-0.555569119	0.315924919	-1.75854795	0.07865432	0.754946439
Araf	0.323868858	0.128244123	2.525408964	0.011556372	0.516933925
Syn1	0.374021639	2.263612146	0.165232211	0.868761213	0.992886758
Timp1	-1.02241083	0.413842056	-2.470533905	0.013491153	0.540715407
Cfp	-0.383578945	0.233836486	-1.640372516	0.100927736	0.788783372
Elk1	-0.233644925	0.188387709	-1.240234441	0.214888693	0.886877576
Uxt	-0.126428971	0.206567708	-0.612046153	0.540507222	0.966989525
A230072C01Rik	0.175320475	0.24007155	0.730284263	0.465216446	0.953083512
Zfp182	0.042273724	0.203990613	0.207233673	0.835827371	0.992886758
Zfp300	0.188332542	0.296925517	0.63427537	0.525901127	0.965637248
Slc6a14	-0.013909198	0.126639562	-0.109832964	0.912541848	0.994688009

<i>Klhl13</i>	0.031595438	0.149318226	0.211598	0.83242067	0.992886758
<i>Wdr44</i>	-0.091584453	0.210870944	-0.434315185	0.664059579	0.981154469
<i>Dock11</i>	-0.150166031	0.247409812	-0.60695261	0.543882363	0.967491297
<i>Il13ra1</i>	-0.187223489	0.131130062	-1.427769394	0.153358245	0.854159937
<i>Zcchc12</i>	-0.421345462	0.534742738	-0.787940503	0.430731509	0.945321484
<i>Lonrf3</i>	-0.186338063	0.306595868	-0.607764432	0.543343723	0.967491297
<i>Pgrmc1</i>	0.158902346	0.119448217	1.330303207	0.183418391	0.869576666
<i>Akap17b</i>	-0.464679241	0.418049895	-1.111540144	0.266335921	0.89768067
<i>Slc25a43</i>	-0.293140973	0.55147971	-0.531553506	0.595035274	0.974001549
<i>Slc25a5</i>	-0.067839388	0.118327747	-0.573317667	0.566429625	0.970426802
<i>Z310010G23Rik</i>	-1.153240198	0.59418416	-1.940880077	0.052272825	0.707153766
<i>C330007P06Rik</i>	-0.034019295	0.114257733	-0.297741727	0.765900294	0.989884648
<i>Ube2a</i>	0.071300096	0.142924835	0.498864289	0.617874993	0.974153
<i>Nkrf</i>	-0.55586726	0.418304614	-1.328857585	0.18389496	0.87052856
<i>Sep-06</i>	0.154341436	0.19982522	0.772382161	0.439888116	0.947849924
<i>Rpl39</i>	0.00536871	0.236563101	0.02269462	0.981893867	0.997390438
<i>Snora69</i>	-0.120490919	1.768937211	-0.068114865	0.945694197	0.995032756
<i>Upf3b</i>	-0.283107063	0.318710728	-0.888288464	0.374385604	0.928883222
<i>Nkap</i>	0.186872515	0.155060085	1.205161951	0.228140788	0.894468681
<i>Akap14</i>	-0.676682519	0.348966108	-1.939106701	0.052488347	0.707153766
<i>Ndufa1</i>	0.3896045	0.184202725	2.115085432	0.034422667	0.674692531
<i>Rnf113a1</i>	0.486918057	0.368322288	1.321989118	0.186171775	0.872305715
<i>Zbtb33</i>	-0.24825458	0.187414989	-1.324625002	0.185295559	0.871716376
<i>Tmem255a</i>	0.721876282	0.579895152	1.244839312	0.213190822	0.884945675
<i>Lamp2</i>	-0.078250696	0.116266042	-0.673031388	0.500927323	0.961175273
<i>Cul4b</i>	-0.160941884	0.148985567	-1.08025151	0.280030196	0.903192609
<i>Mcts1</i>	-0.170868584	0.139021558	-1.229079765	0.219041901	0.888847883
<i>C1galt1c1</i>	-0.109264551	0.125827152	-0.868370216	0.385191694	0.931689378
<i>Gria3</i>	0.427769009	0.283897784	1.506771218	0.131869309	0.827800491
<i>Thoc2</i>	-0.043365435	0.144350316	-0.300418015	0.763858324	0.989331656
<i>Xiap</i>	-0.093925364	0.127317772	-0.737723909	0.46068224	0.953083512
<i>Stag2</i>	-0.220465717	0.093076106	-2.368660737	0.017852621	0.581000616
<i>Sh2d1a</i>	0.528856305	0.428780889	1.233395232	0.217428343	0.887633697
<i>Dcaf12l1</i>	0.440371583	0.776384879	0.567207831	0.570572988	0.971613657
<i>Smarca1</i>	0.28556821	0.895977899	0.318722382	0.74993704	0.988585656
<i>Ocr1</i>	-0.575957837	0.280133755	-2.056010129	0.03978154	0.679118604
<i>Apln</i>	-0.451632991	0.226218323	-1.996447432	0.045885242	0.696900792
<i>Xpnpep2</i>	-0.125333409	0.348399265	-0.35974074	0.719041023	0.988585656
<i>Sash3</i>	0.076253739	0.280479011	0.27186968	0.785722225	0.990988839
<i>Zdhhc9</i>	-0.308009028	0.281542658	-1.094004833	0.273952859	0.899464226
<i>Utp14a</i>	-0.082084624	0.187325346	-0.438192832	0.661246504	0.979955675
<i>9530027J09Rik</i>	0.174740058	1.688409483	0.103493886	0.917571002	0.994688009
<i>Bcorl1</i>	-0.310493577	0.598796258	-0.518529587	0.604088822	0.974001549
<i>Elf4</i>	-0.446554017	0.377665785	-1.182405275	0.237044931	0.896609492
<i>Aifm1</i>	0.32153216	0.251042019	1.28079021	0.200267364	0.880888611
<i>Rab33a</i>	0.968124987	0.956285073	1.012381156	0.311355845	0.914819219
<i>Zfp280c</i>	-0.155857948	0.276145573	-0.564405023	0.572478521	0.971613657
<i>Slc25a14</i>	0.202774812	0.179438389	1.130052563	0.258454077	0.897248195
<i>RbmX2</i>	0.285693822	0.211577341	1.350304437	0.17691835	0.866546104
<i>Enox2</i>	0.196197279	0.150935183	1.299877704	0.193642888	0.879588734
<i>Igsf1</i>	1.781447014	1.032950516	1.724619899	0.084595995	0.76099108
<i>Gm35612</i>	1.288305958	0.604275132	2.131985729	0.03300802	0.665335727
<i>Firre</i>	0.001179174	0.178942031	0.006589696	0.994742221	0.999285699
<i>Stk26</i>	0.010196033	0.245100842	0.041599339	0.9668181	0.996474415
<i>Frmd7</i>	-0.349198472	0.27883274	-1.252358216	0.210439365	0.884340413
<i>Rap2c</i>	0.000838401	0.100512254	0.008341278	0.9933447	0.999270171
<i>Mbnl3</i>	-0.157635892	0.332031488	-0.474761876	0.634956709	0.977034429
<i>Hs6st2</i>	-0.605307862	0.265400494	-2.280733745	0.022564207	0.620006604
<i>Gpc4</i>	0.190925305	0.283002539	0.674641666	0.499903454	0.961017744
<i>Gpc3</i>	-0.100145828	0.201020929	-0.498186079	0.618352893	0.974471036
<i>Ccdc160</i>	0.317742243	0.244504021	1.299537904	0.193759394	0.879588734
<i>Phf6</i>	0.09244255	0.17002228	0.543708445	0.58664212	0.972963251

<i>Hprt</i>	0.189808379	0.164852657	1.151381979	0.249575124	0.896939594
<i>C430049B03Rik</i>	0.280781702	0.197714789	1.420135048	0.155568369	0.855261441
<i>Fam122b</i>	0.138816239	0.249931145	0.555417929	0.578608832	0.971613657
<i>Mospd1</i>	0.220029536	0.127544187	1.725123988	0.08450513	0.76099108
<i>Cxx1c</i>	-0.235006722	0.208264142	-1.12840703	0.25914806	0.897248195
<i>Cxx1a</i>	-0.111746249	0.196178358	-0.56961558	0.568938459	0.97144955
<i>Cxx1b</i>	-0.08356209	0.210014367	-0.397887494	0.690713119	0.986039532
<i>AW822252</i>	-0.201373952	1.276036476	-0.157812066	0.874604891	0.992886758
<i>4930502E18Rik</i>	-0.616198179	0.680724351	-0.905209544	0.365354387	0.926556975
<i>Xlr</i>	-0.182403728	0.240044326	-0.759875192	0.447329192	0.948476747
<i>3830403N18Rik</i>	0.093411789	0.603440228	0.154798744	0.876979981	0.992886758
<i>Zfp449</i>	0.026505978	0.274317033	0.096625345	0.923023928	0.994688009
<i>Smim10l2a</i>	-0.119088465	0.33820693	-0.352117163	0.724750398	0.988585656
<i>Ddx26b</i>	0.034431245	0.146366245	0.235240338	0.814022199	0.992048071
<i>Mmgt1</i>	-0.348819789	0.123047042	-2.834849044	0.004584734	0.390758702
<i>Slc9a6</i>	-0.034081744	0.153110067	-0.222596364	0.823849667	0.992886758
<i>Fhl1</i>	-0.336910824	0.123770685	-2.722056721	0.006487701	0.430588162
<i>Mtap7d3</i>	-0.199656123	0.662582718	-0.30133011	0.763162783	0.989285682
<i>Htatsf1</i>	0.096942103	0.165062167	0.587306618	0.556997797	0.968926429
<i>Cd40lg</i>	-0.555672853	1.811803097	-0.30669605	0.759074737	0.989266039
<i>Arhgef6</i>	-0.297807806	0.197624339	-1.506938913	0.131826316	0.827800491
<i>RbmX</i>	-0.104224108	0.152309638	-0.684290959	0.493791455	0.958916246
<i>Fgf13</i>	-1.268739753	0.866724952	-1.463832038	0.143239846	0.840741274
<i>F9</i>	1.428775713	1.474040243	0.969292202	0.332399419	0.917115058
<i>Atp11c</i>	-0.158533695	0.203712938	-0.778221047	0.436438711	0.946762848
<i>Gm715</i>	-0.006518279	1.431267178	-0.004554202	0.996366285	0.999379819
<i>Slitrk4</i>	0.518915991	1.449933837	0.357889428	0.720426063	0.988585656
<i>Fmr1</i>	0.023853737	0.116092008	0.205472693	0.83720283	0.992886758
<i>Fmr1nb</i>	1.278016454	2.305780182	0.554266388	0.57939655	0.971613657
<i>Aff2</i>	-0.922041894	1.495655198	-0.616480252	0.537577601	0.96674935
<i>Ids</i>	-0.385892456	0.118008736	-3.270032948	0.00107535	0.240510037
<i>1110012L19Rik</i>	0.258863208	0.169758801	1.524888289	0.127286963	0.824450458
<i>BC023829</i>	-0.096856926	0.159213605	-0.608345788	0.542958158	0.967491297
<i>Mamld1</i>	-0.940610041	0.778430465	-1.208341764	0.22691583	0.89398447
<i>Mtm1</i>	-0.081336973	0.139665552	-0.582369606	0.56031775	0.968926429
<i>Mtmr1</i>	-0.12190863	0.20133948	-0.605487952	0.544854827	0.967491297
<i>Cd99l2</i>	-0.019911339	0.109587489	-0.181693545	0.855823232	0.992886758
<i>Hmgb3</i>	0.288645851	0.198336785	1.455331905	0.145577398	0.842832198
<i>Vma21</i>	-0.114887621	0.11990679	-0.958141074	0.337991626	0.919246575
<i>Gm1141</i>	-0.389872761	1.924568177	-0.202576747	0.839465866	0.992886758
<i>Prrg3</i>	-0.318378184	0.191742018	-1.660450779	0.096823802	0.782250977
<i>Fate1</i>	0.347234612	2.037412984	0.170429174	0.86467263	0.992886758
<i>Cnga2</i>	-0.001992067	0.393317376	-0.005064784	0.995958905	0.999323659
<i>Gabre</i>	0.187590376	1.071614857	0.175053915	0.861037269	0.992886758
<i>Gabra3</i>	-0.04251273	0.205196232	-0.207180851	0.835868622	0.992886758
<i>Gabrq</i>	-0.372756203	0.766428641	-0.48635474	0.626715674	0.976601842
<i>Cetn2</i>	0.167524355	0.174019471	0.962675926	0.335710181	0.918908218
<i>Nsdhl</i>	-0.309269196	0.202190441	-1.52959356	0.126117364	0.822401003
<i>Zfp185</i>	-0.170054715	0.180963869	-0.939716397	0.347363052	0.921552698
<i>Xlr4a</i>	1.869645457	0.504570047	3.705422999	0.000211038	0.091541268
<i>Xlr3a</i>	0.625502248	0.563433954	1.110160727	0.266929773	0.89768067
<i>Xlr3b</i>	1.80918104	0.638296253	2.834390822	0.004591314	0.390758702
<i>Xlr4b</i>	0.59383519	0.4574614	1.298109939	0.19424956	0.879588734
<i>F8a</i>	-0.322641571	0.301160969	-1.071325983	0.284022881	0.905916508
<i>Xlr4c</i>	-1.204710566	0.707944214	-1.701702679	0.088811118	0.767814344
<i>Zfp275</i>	-0.379560929	0.210091226	-1.806648169	0.070817154	0.744227652
<i>Haus7</i>	0.02148893	0.137977688	0.155742065	0.876236338	0.992886758
<i>Bgn</i>	-0.122099244	0.187499884	-0.65119637	0.514919733	0.964352198
<i>Atp2b3</i>	1.635529761	1.049215647	1.558811828	0.119040924	0.814755048
<i>Dusp9</i>	0.855746916	1.064241923	0.80409059	0.421344659	0.943415794
<i>Pnck</i>	-0.082011658	0.256591832	-0.31961913	0.749257071	0.988585656
<i>Slc6a8</i>	-0.15586772	0.256477986	-0.607723578	0.543370822	0.967491297

<i>Bcap31</i>	-0.049609558	0.116943266	-0.424219019	0.671406091	0.9828788
<i>Abcd1</i>	-0.040609074	0.293808445	-0.138216157	0.890069586	0.993043931
<i>Plxnb3</i>	-0.050026185	0.670650561	-0.074593519	0.940538131	0.994688009
<i>Srpk3</i>	-0.087444042	0.451605259	-0.19362937	0.846466099	0.992886758
<i>Idh3g</i>	0.01755449	0.110076251	0.159475723	0.873294083	0.992886758
<i>Ssr4</i>	0.229347653	0.18652884	1.229555994	0.218863417	0.888671255
<i>Pdzd4</i>	0.310061338	0.254303461	1.219257251	0.222746569	0.892391445
<i>L1cam</i>	-0.495529108	0.747001804	-0.663357311	0.50710174	0.963011338
<i>Avpr2</i>	-1.812938564	1.886980415	-0.960761728	0.336671986	0.919242242
<i>Arhgap4</i>	0.466002103	0.204875036	2.274567527	0.022931886	0.620006604
<i>Naa10</i>	0.066880013	0.142610699	0.468969112	0.639091715	0.977832483
<i>Renbp</i>	0.306925896	0.181630566	1.689836153	0.091059305	0.771538719
<i>Hcfc1</i>	0.214914536	0.206073132	1.042904208	0.296992661	0.909070179
<i>Irak1</i>	-0.197031538	0.148043741	-1.330900833	0.183221643	0.869576666
<i>Mecp2</i>	0.071543249	0.139917992	0.511322727	0.609125093	0.974001549
<i>Tkt1</i>	-0.259683242	1.10186989	-0.235675051	0.813684831	0.992048071
<i>Flna</i>	-0.065386553	0.11364095	-0.575378445	0.565035379	0.969658675
<i>Emd</i>	0.031285296	0.112084041	0.279123558	0.780150004	0.990988839
<i>Rpl10</i>	0.102695457	0.118296996	0.868115505	0.385331104	0.931689378
<i>Snora70</i>	0.632295969	0.720448999	0.877641541	0.380138278	0.929640874
<i>Dnase1l1</i>	0.053351059	0.118769744	0.449197387	0.653289272	0.979004493
<i>Taz</i>	0.310328638	0.117589004	2.639095736	0.00831275	0.468007836
<i>Atp6ap1</i>	-0.193273095	0.104187315	-1.855054004	0.063588515	0.729199878
<i>Gdi1</i>	-0.089235335	0.130891164	-0.681752171	0.495395673	0.959696861
<i>Fam50a</i>	0.049662511	0.122702796	0.404738215	0.685669949	0.98538669
<i>Plxna3</i>	-0.170789101	0.598986568	-0.285130101	0.775544469	0.990861469
<i>Lage3</i>	0.275051059	0.209512547	1.312814257	0.189245545	0.875548883
<i>Ubl4a</i>	-0.084905032	0.144640786	-0.587006156	0.557199572	0.968926429
<i>Slc10a3</i>	-0.276798079	0.282559914	-0.979608451	0.327279432	0.916882624
<i>Fam3a</i>	-0.112683139	0.156073446	-0.721987897	0.470301919	0.95486913
<i>Ikbkg</i>	0.032022222	0.151407934	0.211496331	0.832499995	0.992886758
<i>G6pdx</i>	-0.500621438	0.231255761	-2.164795533	0.030403347	0.657477414
<i>Gab3</i>	0.10741227	0.518055767	0.207337272	0.835746468	0.992886758
<i>Dkc1</i>	-0.04556757	0.134065762	-0.339889691	0.733939601	0.988585656
<i>Mpp1</i>	0.102349242	0.124969554	0.818993414	0.412790171	0.942708418
<i>F8</i>	-0.916117319	0.657302749	-1.393752454	0.16339237	0.859982992
<i>Fundc2</i>	0.244012905	0.16053142	1.520032061	0.128502918	0.826336015
<i>Cmc4</i>	0.090032391	0.289149563	0.311369626	0.755519642	0.989266039
<i>Mtcp1</i>	-0.004631206	0.323922181	-0.01429728	0.98859281	0.998182772
<i>Brcc3</i>	-0.0526052	0.134651955	-0.390675354	0.696037218	0.987418513
<i>Vbp1</i>	0.148391568	0.150293947	0.987342279	0.323474871	0.91640698
<i>Rab39b</i>	0.430192874	0.384678854	1.118316926	0.263431661	0.897248195
<i>4933407K13Rik</i>	-0.821644565	0.507930568	-1.617631655	0.105742003	0.79419908
<i>Pls3</i>	-0.094188255	0.191880654	-0.49086895	0.623519139	0.975691835
<i>Tbl1x</i>	-0.218679633	0.30523683	-0.716426102	0.473728282	0.955974667
<i>Prkx</i>	-0.383109232	0.216926079	-1.766081946	0.077382102	0.753829104
<i>Prrg1</i>	0.073131765	0.156226485	0.468113744	0.639703251	0.977843986
<i>Gm8787</i>	-0.591975893	0.700328167	-0.845283569	0.397952533	0.935327115
<i>Gm7173</i>	-2.778858233	1.363218546	-2.038453952	0.041504555	0.679118604
<i>Tmem47</i>	0.064520858	0.135788583	0.47515672	0.634675273	0.977034429
<i>Dmd</i>	0.010772578	0.174184098	0.061845934	0.950685524	0.99573416
<i>Tab3</i>	-0.563539271	0.254779148	-2.211873597	0.0269754	0.634942608
<i>Gyk</i>	-0.135394855	0.168667886	-0.802730496	0.422130523	0.943415794
<i>5430427O19Rik</i>	0.313558568	0.381545018	0.82181277	0.411183465	0.941701842
<i>Pola1</i>	0.150494489	0.331779421	0.453598021	0.650118178	0.979004493
<i>Pcyt1b</i>	-0.570998037	0.590357085	-0.967207901	0.333440113	0.917554801
<i>Pdk3</i>	-0.098557413	0.13640238	-0.72254907	0.469956968	0.95486913
<i>Zfx</i>	-0.15388039	0.114124384	-1.34835681	0.177543648	0.866855369
<i>Eif2s3x</i>	0.057260993	0.119016839	0.481116731	0.630433537	0.977034429
<i>Klhl15</i>	0.053076076	0.316920011	0.167474676	0.866996571	0.992886758
<i>Apoo</i>	-0.4522521	0.449571939	-1.005961584	0.31443405	0.91586731
<i>Maged1</i>	-0.385639017	0.144427179	-2.670127745	0.007582239	0.454518821

Gspt2	0.850373663	0.628672266	1.352650196	0.176167408	0.865308446
Zxdb	0.129861451	0.247423901	0.52485411	0.599684612	0.974001549
Zxda	-0.242290402	0.368715361	-0.657120446	0.511103473	0.963452765
Spin4	0.290764145	0.215828747	1.347198409	0.17791634	0.867377413
Arhgef9	0.008844301	0.335405156	0.026369006	0.978963015	0.997262526
Amer1	-0.26243798	0.258689431	-1.01449054	0.310348741	0.914704835
Asb12	-2.934607492	2.338639804	-1.254835177	0.2095386	0.884258007
Zc4h2	0.090077906	0.248403009	0.362628078	0.716882733	0.988585656
Zc3h12b	-0.847408674	1.071722528	-0.790697828	0.429120344	0.945321484
Las1l	-0.040262335	0.192152893	-0.209532805	0.834032329	0.992886758
Msn	-0.198365097	0.16898727	-1.173846391	0.240456558	0.896939594
F630028O10Rik	-0.036465467	0.331481736	-0.110007469	0.912403452	0.994688009
Vsig4	-1.105931238	1.78574894	-0.619309475	0.535712504	0.96674935
Hsf3	4.468731456	1.612816701	2.770762142	0.005592526	0.416936884
Heph	-0.25846418	0.305424307	-0.846246269	0.397415375	0.935327115
Eda2r	-0.105474855	0.289457708	-0.364387792	0.715568451	0.988585656
Ar	0.48629564	0.266876518	1.822174704	0.068428481	0.743426713
Ophn1	0.011909214	0.284701254	0.041830563	0.96663377	0.996474415
Yipf6	-0.093188102	0.128316752	-0.726234889	0.467694787	0.953657709
Stard8	-0.124910505	0.179133815	-0.69730277	0.485613335	0.957710647
Efnb1	-0.166120233	0.182287853	-0.911307205	0.362133531	0.926455466
Gm14812	-0.952525827	1.649921766	-0.577315753	0.563726174	0.969658675
Pja1	-0.081085103	0.10590596	-0.765633049	0.443894674	0.948476747
Tmem28	0.285210548	1.12758274	0.252939796	0.800314736	0.990988839
Eda	0.167265838	0.513901214	0.325482473	0.744815945	0.988585656
Awat2	-0.061648012	0.30618453	-0.201342675	0.840430636	0.992886758
Igfbp1	0.292916528	0.119145891	2.458469412	0.013953066	0.545277966
Pdzd11	0.146161701	0.12577243	1.162112404	0.24518981	0.896939594
Kif4	0.133764147	0.539346085	0.248011714	0.804125343	0.990988839
Gdpd2	0.171619743	0.261455008	0.656402585	0.511565128	0.963452765
Dlg3	-0.053991285	0.174571528	-0.309278871	0.757109402	0.989266039
Tex11	0.044674712	0.275152694	0.162363345	0.871019734	0.992886758
Slc7a3	0.113537886	0.90772921	0.125079026	0.900460987	0.994688009
Snx12	0.057996103	0.143078675	0.405344143	0.685224563	0.985349783
Foxo4	-0.050186004	0.179237921	-0.279996574	0.779480133	0.990988839
Gm614	-2.008101493	1.806045524	-1.111877561	0.266190798	0.89768067
Il2rg	0.222066437	0.222785795	0.996771078	0.31887564	0.91640698
Med12	0.057687755	0.356029241	0.162030947	0.871281483	0.992886758
Nlgn3	-0.28184435	1.344302666	-0.209658403	0.833934293	0.992886758
Gjb1	-0.279668596	0.324135005	-0.86281516	0.388239103	0.933269543
Zmym3	-0.263549792	0.2143698	-1.229416604	0.218915648	0.888671255
Nono	-0.071457176	0.134160078	-0.532626223	0.594292346	0.974001549
Itgb1bp2	0.303634211	0.40152009	0.756211754	0.449522247	0.948476747
Taf1	0.037499526	0.160322697	0.233900292	0.815062387	0.992210229
Ogt	-0.02943709	0.1381288	-0.213113342	0.831238558	0.992886758
Cxcr3	-0.249846854	0.744193579	-0.335728312	0.737075754	0.988585656
Nhs12	-0.03243031	0.429386683	-0.075527052	0.939795375	0.994688009
Rgag4	-0.346849624	0.352494433	-0.983986105	0.325122345	0.91640698
Pin4	0.159483233	0.151054911	1.055796407	0.29106124	0.907334416
Ercc6l	-0.062740383	0.615241099	-0.101976905	0.918775007	0.994688009
Rps4x	0.070004792	0.089031054	0.786296346	0.431693893	0.945955639
Hdac8	0.189184859	0.244780099	0.772876797	0.439595298	0.947849924
Phka1	-0.217886961	0.196903968	-1.106564599	0.26848222	0.89804647
Dmrtc1a	-0.111566657	0.819989938	-0.136058568	0.891774981	0.993043931
Gm5126	-0.825065454	1.376684312	-0.599313471	0.548963866	0.968926429
Nap1l2	-0.370421388	1.018880542	-0.363557231	0.716188669	0.988585656
Chic1	0.731496958	0.392281429	1.864724924	0.062219971	0.726656275
Tsix	1.707003393	1.210210513	1.41050121	0.158391739	0.855986074
Xist	-0.465875855	0.221984525	-2.098686176	0.035844574	0.674795441
Jpx	0.213116053	0.313874769	0.678984342	0.497147783	0.960475196
Ftx	0.518086561	0.281455828	1.840738438	0.065659898	0.737296531
Slc16a2	0.066407372	0.242717513	0.273599423	0.784392477	0.990988839

<i>Rlim</i>	-0.017242562	0.144680559	-0.119176774	0.905135307	0.994688009
<i>C77370</i>	-0.412509066	0.290073931	-1.422082517	0.155002297	0.854973821
<i>Abcb7</i>	0.003197489	0.127705731	0.025037941	0.9800247	0.997296835
<i>Uprt</i>	-0.471522116	0.405128398	-1.16388315	0.244471369	0.896939594
<i>Zdhhc15</i>	-0.114871152	0.310089214	-0.370445493	0.711050582	0.988585656
<i>Magee2</i>	-1.24618889	2.111121655	-0.590297052	0.554991515	0.968926429
<i>5530601H04Rik</i>	0.269522292	0.21132015	1.275421638	0.202160044	0.881588418
<i>Pbdc1</i>	-0.042178771	0.116590596	-0.361768209	0.717525251	0.988585656
<i>Magee1</i>	-0.320936265	0.482580681	-0.665041676	0.506023837	0.96224682
<i>Fgf16</i>	-0.188162668	0.917113041	-0.205168457	0.837440512	0.992886758
<i>Atrx</i>	-0.122339295	0.203903052	-0.59998756	0.548514526	0.968887406
<i>Magt1</i>	-0.09685257	0.114924331	-0.84275078	0.399367841	0.936273856
<i>Cox7b</i>	0.344488773	0.250618098	1.374556648	0.169268937	0.861597949
<i>Atp7a</i>	-0.155000268	0.163405785	-0.948560466	0.342844206	0.919850248
<i>Tlr13</i>	0.113415637	0.326644496	0.347214289	0.728430336	0.988585656
<i>Pgk1</i>	-0.069311001	0.115436051	-0.600427689	0.548221239	0.968738549
<i>Taf9b</i>	-0.019806899	0.193033295	-0.102608717	0.918273524	0.994688009
<i>Cysl1r1</i>	-0.383436835	0.310563266	-1.234649674	0.216960913	0.887633697
<i>Gm5127</i>	1.346078249	0.984410613	1.3673951	0.171501497	0.86244803
<i>Zcchc5</i>	-1.250466992	2.207805306	-0.56638463	0.571132341	0.971613657
<i>Lpar4</i>	-0.369737312	0.432918107	-0.854058322	0.393072675	0.933734231
<i>P2ry10</i>	-0.095040899	0.198227746	-0.479453059	0.631616355	0.977034429
<i>A630033H20Rik</i>	0.171448615	0.289555	0.592110704	0.55377646	0.968926429
<i>Gpr174</i>	0.559743513	0.278567815	2.009361752	0.044498783	0.689308953
<i>Itm2a</i>	-0.340736552	0.192749667	-1.767767271	0.077099819	0.752876039
<i>2610002M06Rik</i>	-0.058298976	0.138503317	-0.420921151	0.67381266	0.983375962
<i>Brwd3</i>	-1.474960964	0.50697611	-2.90933031	0.00362204	0.374400632
<i>2810403D21Rik</i>	0.331676614	0.318309622	1.041993678	0.29741461	0.909070179
<i>Hmgn5</i>	-0.272990142	0.241059311	-1.132460474	0.257440893	0.897248195
<i>Sh3bgrl</i>	0.052165626	0.12930281	0.403437685	0.686626269	0.98538669
<i>Gm6377</i>	0.790299192	0.528936555	1.49412852	0.135142031	0.829809681
<i>Rps6ka6</i>	0.335068669	0.442028709	0.758024675	0.448436211	0.948476747
<i>Hdx</i>	0.653258013	0.831806323	0.785348699	0.432249151	0.9459793
<i>4933403O08Rik</i>	-0.66122443	1.375064142	-0.480868063	0.630610273	0.977034429
<i>Apool</i>	0.090924876	0.150572809	0.603859865	0.545936815	0.96778188
<i>Zfp711</i>	0.478747212	0.453945722	1.054635365	0.291592123	0.907334416
<i>Pof1b</i>	0.031159988	0.155278302	0.200671875	0.840955153	0.992886758
<i>Chm</i>	-0.229894235	0.154025698	-1.49257064	0.135549613	0.831062162
<i>Dach2</i>	1.257327554	1.716524642	0.732484418	0.46387295	0.953083512
<i>Klhl4</i>	-0.047976885	0.24825555	-0.193256041	0.846758451	0.992886758
<i>Pcdh11x</i>	0.578872535	1.422539147	0.406929072	0.684060083	0.985105247
<i>Nap1l3</i>	-0.473837277	0.352184183	-1.345424638	0.178488143	0.867377413
<i>Cldn34c1</i>	0.769685185	0.517879858	1.486223442	0.137220029	0.833085238
<i>Diap2</i>	-0.618943789	0.276845408	-2.235701843	0.025371308	0.631459375
<i>Pcdh19</i>	1.539906242	0.535491531	2.875687386	0.004031488	0.378480793
<i>Tspan6</i>	0.131395251	0.18635928	0.705064168	0.480770304	0.957463006
<i>SrpX2</i>	0.466683036	0.371530762	1.256108737	0.209076549	0.884258007
<i>Sytl4</i>	-0.081048375	0.194719401	-0.416231635	0.677240513	0.983670411
<i>Cstf2</i>	-0.104444868	0.145923557	-0.715750567	0.474145381	0.955974667
<i>Nox1</i>	0.682462713	0.818597428	0.833697602	0.40445141	0.938127315
<i>Xkrx</i>	-0.878529526	1.140980311	-0.769977814	0.441313053	0.948068187
<i>Trmt2b</i>	0.163977602	0.119389089	1.373472261	0.169605579	0.861597949
<i>Tmem35</i>	0.039120198	0.267753221	0.146105425	0.883838163	0.992886758
<i>Cenpi</i>	0.259049369	0.32555017	0.795727951	0.426190177	0.944290206
<i>Timm8a1</i>	0.167856019	0.271117036	0.619127525	0.535832352	0.96674935
<i>Btk</i>	0.075759851	0.261785277	0.289396914	0.772277656	0.99050004
<i>Rpl36a</i>	0.246342483	0.158747065	1.551792363	0.120711914	0.816092513
<i>Gla</i>	-0.104973835	0.203270327	-0.516424785	0.605557759	0.974001549
<i>Hnnrph2</i>	-0.164822069	0.141644969	-1.163628119	0.244574751	0.896939594
<i>Armxc4</i>	0.773465397	0.247005957	3.131363334	0.001739967	0.284736028
<i>Armxc1</i>	0.163617981	0.160464873	1.019649837	0.30789456	0.9139204
<i>Armxc6</i>	0.190578539	0.239557731	0.795543264	0.426297555	0.944290206

<i>Armcx3</i>	-0.087551545	0.162920704	-0.53738747	0.590999997	0.974001549
<i>Armcx2</i>	0.029225697	0.202468488	0.144346894	0.88522655	0.992886758
<i>Nxf2</i>	1.861314127	1.113949776	1.670913866	0.094738692	0.777748075
<i>Zmat1</i>	-0.127380101	0.186576445	-0.682723375	0.494781656	0.959190228
<i>AV320801</i>	1.710667005	2.255312319	0.758505592	0.448148367	0.948476747
<i>Nxf7</i>	-0.717121216	0.97063337	-0.738817805	0.460017638	0.953083512
<i>Armcx5</i>	0.370976565	0.377850452	0.981807918	0.326194487	0.916800143
<i>Gprasp1</i>	-0.027566562	0.257631168	-0.107000104	0.914788897	0.994688009
<i>Gprasp2</i>	0.203263361	0.488923963	0.41573614	0.677603093	0.983670411
<i>Bhlhb9</i>	0.234546394	0.239262258	0.980289979	0.326943	0.916882624
<i>Arxes2</i>	0.151847863	0.218889018	0.693720795	0.487857322	0.958288569
<i>Arxes1</i>	0.68042501	0.787376118	0.864167701	0.387495772	0.932858077
<i>Bex2</i>	0.736728688	0.185611003	3.969208056	7.21E-05	0.040598999
<i>Bex4</i>	0.621653079	0.176665064	3.518822944	0.000433466	0.139568962
<i>Tceal8</i>	0.008697424	0.123959071	0.070163679	0.944063383	0.99486515
<i>Tceal5</i>	-1.333003706	2.065206018	-0.645457981	0.51863044	0.96446859
<i>Bex1</i>	0.396393302	0.468817834	0.845516687	0.39782242	0.935327115
<i>Wbp5</i>	0.055658276	0.125583307	0.443198046	0.657622492	0.979614766
<i>Ngfrap1</i>	0.174149481	0.154425768	1.127722943	0.259436945	0.897248195
<i>Tceal3</i>	0.476776122	0.750813679	0.635012567	0.525420219	0.965637248
<i>Tceal1</i>	0.07384462	0.178791084	0.413021825	0.679590623	0.983903958
<i>Morf4l2</i>	-0.039028395	0.078855772	-0.494933904	0.620646777	0.975058198
<i>BC065397</i>	0.159563737	0.371728485	0.429248076	0.6677427	0.981863224
<i>Plp1</i>	0.345763028	0.43812621	0.7891859	0.430003362	0.945321484
<i>Tmsb15b1</i>	3.544679131	1.802430242	1.966610994	0.049228075	0.707153766
<i>Slc25a53</i>	0.198088078	0.287457303	0.689104351	0.490757602	0.958896244
<i>Zcchc18</i>	0.465231527	0.486523843	0.956235822	0.338953106	0.919246575
<i>Fam199x</i>	-0.120693994	0.41767831	-0.288963998	0.772608929	0.990678393
<i>Serpina7</i>	-0.342511118	1.157305631	-0.295955631	0.767263966	0.989884648
<i>Mum1l1</i>	-0.305741368	0.26586972	-1.149966863	0.25015752	0.896939594
<i>Platr21</i>	-0.124627192	0.366613225	-0.339941889	0.73390029	0.988585656
<i>D330045A20Rik</i>	-0.632156047	0.979206603	-0.645579845	0.518551494	0.96446859
<i>Rnf128</i>	-0.07756123	0.179431067	-0.432261987	0.665551012	0.981727712
<i>Tbc1d8b</i>	-0.086469064	0.155213748	-0.557096685	0.577461372	0.971613657
<i>Cldn2</i>	0.383140606	0.866774123	0.442030509	0.658467129	0.979746192
<i>Morc4</i>	-0.434637378	0.401257387	-1.083188477	0.278724773	0.90176568
<i>Rbm41</i>	-0.373750623	0.18265446	-2.046216792	0.040735046	0.679118604
<i>Nup62cl</i>	-0.579125283	0.385468676	-1.502392593	0.132995748	0.827800491
<i>Pih1h3b</i>	-0.188435428	0.263484819	-0.715166167	0.474506372	0.956387791
<i>Frmpd3</i>	-2.900174875	3.664167668	-0.791496225	0.428654478	0.945321484
<i>Prps1</i>	-0.09763836	0.147362928	-0.662570709	0.507605535	0.963011338
<i>Tsc22d3</i>	-0.327226539	0.341484018	-0.958248473	0.33793748	0.919246575
<i>Mid2</i>	-0.320159266	0.183078668	-1.748752437	0.080333822	0.75763999
<i>Vsig1</i>	0.974516706	1.208514004	0.806376014	0.420026073	0.943415794
<i>Psmc10</i>	0.164965258	0.183526375	0.898864037	0.368725086	0.928436166
<i>Atg4a</i>	0.140661535	0.135061184	1.04146529	0.297659654	0.909070179
<i>Col4a6</i>	-0.085825182	0.344613801	-0.249047431	0.803324093	0.990988839
<i>Col4a5</i>	-0.046668834	0.122868717	-0.37982682	0.704073973	0.988585656
<i>Nxt2</i>	0.162052088	0.136302931	1.188911249	0.234474593	0.89581803
<i>Acsf4</i>	-0.276526318	0.148795309	-1.858434382	0.063107354	0.727650961
<i>Tmem164</i>	0.056707245	0.184294456	0.307699136	0.758311277	0.989266039
<i>Ammecr1</i>	-0.516643567	0.538875827	-0.958743258	0.3376881	0.919246575
<i>Chrdl1</i>	-0.15669582	0.20688861	-0.7573922	0.448814928	0.948476747
<i>Pak3</i>	-0.20211955	0.67440727	-0.299699543	0.764406347	0.989417128
<i>Capn6</i>	-1.645491411	0.737439595	-2.231357554	0.025657454	0.631530315
<i>A730046J19Rik</i>	-0.823340397	0.607060285	-1.35627452	0.175011839	0.864111192
<i>Alg13</i>	-0.109012048	0.178930705	-0.609241705	0.542364241	0.967491297
<i>Lhfp1l</i>	-0.095969204	1.294871493	-0.074114848	0.940919	0.994688009
<i>Amot</i>	0.115992939	0.41404568	0.280145269	0.779366055	0.990988839
<i>Htr2c</i>	-0.268081408	0.51129668	-0.524316738	0.600058257	0.974001549
<i>Il13ra2</i>	-1.469090567	1.639725787	-0.895936734	0.370286553	0.928436166
<i>Lrch2</i>	0.27054867	0.497374478	0.543953664	0.586473359	0.972904784

<i>Tmem29</i>	0.039082462	0.226366467	0.172651287	0.862925536	0.992886758
<i>Alas2</i>	0.440773485	0.215263984	2.04759513	0.040599687	0.679118604
<i>Apex2</i>	-0.484547898	0.400579197	-1.209618228	0.22642542	0.89398447
<i>Pfkfb1</i>	-0.042185548	0.376445236	-0.112062908	0.910773527	0.994688009
<i>Tro</i>	0.20916003	0.793561571	0.263571268	0.7921103	0.990988839
<i>Maged2</i>	-0.100943973	0.098119376	-1.028787356	0.303579609	0.911786415
<i>Gnl3l</i>	-0.335949012	0.170489346	-1.970498561	0.04878126	0.707153766
<i>Fgd1</i>	0.65998207	0.809783762	0.815010255	0.41506644	0.943415794
<i>Tsr2</i>	-0.074624762	0.132265286	-0.564205197	0.572614491	0.971613657
<i>Fam120c</i>	-0.048528524	0.313652154	-0.154720837	0.877041402	0.992886758
<i>Phf8</i>	-0.011435597	0.269054327	-0.04250293	0.966097776	0.996474415
<i>Huwe1</i>	0.01796883	0.119963026	0.149786405	0.880933135	0.992886758
<i>Hsd17b10</i>	0.119612691	0.182841536	0.654187736	0.512990862	0.964264541
<i>Ribc1</i>	-0.247658535	0.32279563	-0.767230135	0.442944699	0.948476747
<i>Smc1a</i>	0.10125629	0.207159205	0.488784893	0.624993994	0.976148792
<i>lqsec2</i>	-0.020093631	0.186110575	-0.107966087	0.914022594	0.994688009
<i>Kdm5c</i>	0.027550106	0.181940823	0.151423442	0.879641699	0.992886758
<i>Kantr</i>	-0.381820553	0.381658557	-1.000424453	0.317105141	0.91640698
<i>Tspyl2</i>	-0.17566437	0.181852151	-0.965973562	0.334057411	0.918030088
<i>Gpr173</i>	0.351705795	0.948542518	0.370785482	0.710797316	0.988585656
<i>3010001F23Rik</i>	1.001453152	0.959196834	1.044053854	0.296460474	0.909005508
<i>Shroom2</i>	-0.147524952	0.366133493	-0.402926679	0.687002164	0.98538669
<i>Mageh1</i>	0.186491398	0.144261688	1.292729902	0.196104492	0.879755417
<i>9530051G07Rik</i>	0.070702849	0.68463194	0.103271327	0.917747632	0.994688009
<i>Rragb</i>	-0.20000291	0.363800781	-0.549759432	0.582484387	0.972017845
<i>Klf8</i>	-0.334524661	0.323745271	-1.033295901	0.301465445	0.911518274
<i>Ubqln2</i>	0.067798637	0.233055186	0.290912374	0.771118338	0.989990452
<i>Kctd12b</i>	-0.338616988	0.238631768	-1.418993749	0.155900838	0.855455553
<i>2210013O21Rik</i>	-0.090791763	0.164106813	-0.55324798	0.580093616	0.971613657
<i>Spin2c</i>	0.580710854	0.680766547	0.853024956	0.393645465	0.933796635
<i>Sat1</i>	0.216012096	0.185988766	1.161425504	0.245468902	0.896939594
<i>Acot9</i>	0.041269296	0.142607958	0.289389853	0.772283059	0.99050004
<i>Prdx4</i>	-0.136271289	0.131397818	-1.037089439	0.299694177	0.910105802
<i>Ptchd1</i>	2.76344653	1.230882265	2.245094116	0.024762091	0.627796923
<i>Phex</i>	0.530331434	0.338871433	1.564993042	0.117584541	0.813475762
<i>Sms</i>	0.073213938	0.134616862	0.543869001	0.586531622	0.972904784
<i>Mbtps2</i>	-0.224500975	0.16944904	-1.324887854	0.18520835	0.871716376
<i>Yy2</i>	-0.265332515	0.286961369	-0.924627994	0.355159446	0.924354588
<i>Smpx</i>	-0.072965889	0.319837307	-0.228134392	0.819541764	0.992886758
<i>Cnksr2</i>	-0.240623778	0.49892605	-0.482283453	0.629604601	0.977034429
<i>Rps6ka3</i>	-0.281281039	0.155440415	-1.809574683	0.070361769	0.744227652
<i>Eif1ax</i>	0.242551669	0.15733246	1.541650522	0.123158541	0.818400287
<i>A830080D01Rik</i>	0.020202017	0.222217295	0.090911093	0.927563236	0.994688009
<i>Sh3kbp1</i>	0.006888293	0.329682097	0.020893743	0.983330418	0.997628517
<i>Map3k15</i>	0.307890134	0.512962298	0.600219812	0.548359752	0.968738549
<i>Pdha1</i>	0.076426766	0.108057739	0.707277116	0.479394284	0.957463006
<i>Adgrg2</i>	-0.260095333	0.598170487	-0.434818064	0.663694492	0.981154469
<i>Phka2</i>	-0.001994834	0.303892238	-0.00656428	0.9947625	0.999285699
<i>Rs1</i>	-0.346838145	2.030541114	-0.170810698	0.864372617	0.992886758
<i>Cdkl5</i>	-0.520089375	0.303991616	-1.710867493	0.087105577	0.765418158
<i>Gja6</i>	2.084108573	1.295845083	1.608300714	0.107769334	0.796929372
<i>Scml2</i>	1.227817474	1.479324812	0.829985047	0.406547238	0.939557159
<i>Rai2</i>	0.063137746	0.349499443	0.180651923	0.856640798	0.992886758
<i>Reps2</i>	-0.040419191	0.127959339	-0.315875272	0.752097182	0.988585656
<i>Rbbp7</i>	-0.068184776	0.117228908	-0.581637905	0.560810605	0.968926429
<i>Txlng</i>	-0.22155425	0.182484911	-1.214096273	0.224710963	0.892989918
<i>Syp1</i>	0.02011493	0.087020111	0.23115266	0.817196206	0.992678823
<i>Ctps2</i>	-0.085405307	0.15021956	-0.568536529	0.569670709	0.97144955
<i>S100g</i>	0.193093895	0.255270215	0.756429395	0.449391789	0.948476747
<i>Rnf138rt1</i>	0.257039868	0.651785896	0.394362427	0.693313479	0.986698113
<i>Ap1s2</i>	-0.107823868	0.133231372	-0.809297883	0.418343823	0.943415794
<i>Zrsr2</i>	-0.086520477	0.155657893	-0.55583739	0.578322022	0.971613657

<i>Car5b</i>	0.040956016	0.205744903	0.199062115	0.842214156	0.992886758
<i>Siah1b</i>	-0.116207038	0.27111316	-0.428629278	0.668193035	0.981863224
<i>Tmem27</i>	-0.0049668	1.449093771	-0.003427521	0.997265239	0.99957296
<i>Ace2</i>	-0.058532119	0.143975908	-0.406541066	0.68434509	0.985105247
<i>Bmx</i>	-0.425615871	0.194821045	-2.184650386	0.028914491	0.64858361
<i>Pir</i>	0.191206517	0.144780862	1.32066155	0.18661424	0.872512868
<i>Figf</i>	0.021283521	0.159553643	0.133394139	0.89388168	0.993422442
<i>Piga</i>	0.053715719	0.22732581	0.236293976	0.813204561	0.992048071
<i>Asb11</i>	-0.404031326	0.568056694	-0.711251765	0.476928236	0.95716557
<i>Mospd2</i>	-0.218578124	0.117440878	-1.861175828	0.062719351	0.727650961
<i>Fancb</i>	-0.116829847	0.25438544	-0.459263105	0.646045239	0.979004493
<i>Gemin8</i>	0.178284535	0.252782626	0.70528793	0.48063107	0.957463006
<i>Gpm6b</i>	-0.067414114	0.180078982	-0.374358591	0.708137546	0.988585656
<i>Ofd1</i>	0.159933951	0.174312435	0.917513149	0.358873806	0.925199968
<i>Trappc2</i>	0.024008364	0.153805811	0.156095296	0.875957906	0.992886758
<i>Rab9</i>	0.144982303	0.193828888	0.747991202	0.454465464	0.951045582
<i>Tceanc</i>	0.208299033	0.222706843	0.935305939	0.349630656	0.921902408
<i>Egfl6</i>	-0.172971984	0.231771203	-0.746304899	0.455483253	0.951224746
<i>Gm8817</i>	0.587391658	1.710896653	0.343323869	0.731354826	0.988585656
<i>Tmsb4x</i>	0.141997393	0.22990863	0.617625331	0.536822343	0.96674935
<i>Tlr8</i>	-0.57654911	0.371047994	-1.553839716	0.120222654	0.81558552
<i>Tlr7</i>	0.157761053	0.335336151	0.470456443	0.638028946	0.977764089
<i>Prps2</i>	0.092791725	0.139167911	0.666760923	0.504924857	0.962138588
<i>Msl3</i>	-0.153597158	0.110558232	-1.389287398	0.164745374	0.859982992
<i>Arhgap6</i>	-0.379001611	0.183338306	-2.067225446	0.038712916	0.679118604
<i>Hccs</i>	-0.064390291	0.11627283	-0.553786217	0.579725162	0.971613657
<i>Mid1</i>	-1.436752678	0.380641648	-3.774554589	0.000160294	0.077321054
<i>G530011O06Rik</i>	-1.275234694	0.675899031	-1.88672366	0.059197504	0.72285319