

Table S1. The complete results of the differential expression of gene analysis

tissue			C2C12		
adj.P.Val	DGE (logFC)	Gene.symbol	adj.P.Val	DGE (logFC)	Gene name
8.71E-06	-1.9	Atp2a2	1.28131E-05	4.621943477	Ripk3
8.71E-06	-1.19	Mb	2.71213E-05	-4.99860462	Col6a2
1.65E-05	-1.93	Myl3	2.71213E-05	-4.43564631	Col6a1
				-	
1.65E-05	-1.53	Atp2a2	2.71213E-05	3.069459041	Adam23
2.27E-05	-2.24	Tpm3	2.71213E-05	2.95390928	Ndn
2.57E-05	-2.46	Tnnt1	2.71213E-05	3.481834106	Trim44
2.57E-05	-1.86	Myl3	2.71213E-05	3.88369369	Lrrn1
2.57E-05	1.31	Igf2	2.71213E-05	3.971862493	Wtip
3.52E-05	-2.12	Myh7///Myh6	2.71213E-05	4.136401308	Pnmal2
3.52E-05	6.57E-01	Cpne2	2.71213E-05	4.382085503	Slc16a3
4.41E-05	-1.39	Myl3	2.71213E-05	4.505264469	Mcpt8
8.32E-05	-2.61	Myh7	2.71213E-05	5.41902993	Ptgis
9.21E-05	-2.3	Tnnc1	4.65995E-05	2.289922727	Myl9
9.21E-05	-2.1	Tnni1	4.86561E-05	5.270384261	Gzmd
0.0001	-8.26E-01	Grb14	5.90064E-05	1.778510192	Igfbp3
0.0001	6.52E-01	Pdlim7	5.95401E-05	3.790062715	Igf2r
				-	
0.000112	-2.46	Tpm3	6.10763E-05	3.915986769	Mgst1
				-	
0.000119	-8.63E-01	Myh2	6.10763E-05	3.697584457	Nkx2-5
0.000119	1.04	Cd28	6.10763E-05	-3.14455528	C1s1
0.000132	-2.34	Myl2	6.10763E-05	2.382348752	Rab29
0.00015	-1.04	Smtnl1	6.5852E-05	2.354839573	Cgnl1
				-	
0.000153	-6.62E-01	Plin5	6.97634E-05	2.900014626	C1ra
0.000156	7.41E-01	Cacng1	6.97634E-05	1.83762529	Crmp1
				-	
0.000164	7.32E-01	Zfp385a	7.72165E-05	2.590977273	Fbln7
				-	
0.000206	-1.02	Ldhb	8.18911E-05	2.817237497	Tap2
0.000261	1.06	Grem2	8.18911E-05	2.108932663	Cthrc1
				-	
0.0004	-9.20E-01	Ldhb	8.92858E-05	2.744379535	Emilin1
0.000514	-8.85E-01	Ldhb	0.000113036	-3.15048961	Wisp2
0.000536	-6.19E-01	Cxcl12	0.000118537	2.687209395	2610318N02Rik
				-	
0.000536	-6.03E-01	Rgcc	0.000121826	3.227482051	Sod3
0.000566	1.06	Gabrr2	0.000121826	3.56021904	C1qtnf3
0.000651	-6.06E-01	Pdlim1	0.000126131	2.082423922	Bgn
				-	
0.000654	5.69E-01	Atp1b2	0.000128605	3.679335309	Cxcl1
0.000692	1.18	Mybph	0.000128605	2.109671217	Crabp2
0.000748	-6.44E-01	Bdh1	0.000128605	2.548624403	Sp6

0.000849	-1.3	Bdh1	0.000135555	2.463695453	Slc24a3
0.000849	-5.82E-01	Dkk2	0.000138171	2.080620103	Alkal1
0.000849	6.76E-01	Ctnnbip1	0.000141456	3.284922446	Gsta2
0.000869	-6.06E-01	Chpt1	0.000146242	3.332656676	Fgf7
0.00087	-5.24E-01	Acadl	0.000154935	2.361605497	Adamts2
0.000888	-1.3	Lmod2	0.000158317	2.972217805	Chchd10
0.000888	-8.01E-01	Sorbs1	0.000160928	2.904702801	Sfrp2
0.000888	7.70E-01	Tceal3///Tceal5///Tceal6	0.000160928	1.476127866	Tprg
0.000906	1.52	Sln	0.000217471	-2.26687012	Gm45837
0.001048	-8.96E-01	Ldhb	0.000217471	2.023754361	Ang
0.001177	-6.01E-01	Rcan2	0.000236737	1.370007268	Plau
0.001209	6.46E-01	Vash2	0.000236737	1.53645086	B4galnt1
0.00131	-6.00E-01	Ogn	0.000248476	2.103820026	Plpp3
0.00131	5.80E-01	Xrcc5	0.000248476	1.049670611	Ccl17
0.001378	-7.47E-01	Mgll	0.000248476	1.140620106	Slc22a17
0.001454	-6.39E-01	Atp1b1	0.000248476	1.457302607	Bcl3
0.001454	-6.05E-01	Atp1b1	0.000248476	1.875132778	Artn
0.001629	-8.96E-01	Myoz2	0.000274124	-4.0590352	Hpgd
0.001629	-8.25E-01	Qk	0.000274124	3.304613805	Ccl9
0.001629	6.45E-01	Prepl	0.000274124	2.371169279	Mcpt1
0.001629	7.14E-01	Slc38a4	0.000280526	2.030339189	Ano5
0.001629	8.63E-01	Stbd1	0.000295012	-1.74496553	Bicc1
0.001669	5.70E-01	Asph	0.000295012	1.383654726	Npnt
0.001746	-8.91E-01	Fxyd6	0.000295012	2.250867643	Slc7a4
0.001825	7.46E-01	Trdn	0.000295012	2.31543653	Zfp422
0.001988	-9.19E-01	Khdrbs3	0.000313577	1.694478093	Hba-a1
0.002069	8.20E-01	Gatm	0.000313577	2.160232214	Bdh1
0.002125	6.46E-01	Pdlim3	0.00032178	2.919275401	A930003A15Rik
0.002257	6.13E-01	Hs6st2	0.00032897	1.386410125	Ctla2b
0.002577	5.76E-01	Rora	0.000330719	1.951116702	Npr2
0.002577	6.27E-01	Camk2a	0.000338084	0.986540128	Rgs2
0.002683	-5.08E-01	Acsl1	0.000338084	2.184579376	Grik5
0.002716	5.82E-01	Atp6v1g1	0.000347531	1.635415228	Fam20a
0.002716	5.88E-01	Ank1	0.000347531	1.187519457	Ly6e
0.002716	6.28E-01	Hspb8	0.000369187	1.270179101	Gas1
0.002716	8.15E-01	Rab40b	0.000384219	2.213976964	Mgst2
0.002723	-7.34E-01	Ephx2	0.000384219	2.222136766	Tnnt2
0.002723	9.69E-01	Mustn1	0.000384219	2.409923611	Bcam

				-	
0.00281	-6.84E-01	Cat	0.000418768	0.998789119	Vipr1
0.00281	-6.30E-01	Pank1	0.000418768	1.503682179	Slc2a10
0.00281	-5.64E-01	Ramp1	0.000427848	2.090552909	F2rl1
0.002953	-6.27E-01	Ablim1	0.000465058	1.457130778	Lpar3
				-	
0.003183	6.35E-01	Dtna	0.000482091	2.488170171	Cxcl12
				-	
0.003194	5.60E-01	Peg3	0.000485043	2.315915744	Mrgprf
				-	
0.003277	-6.36E-01	Evc	0.000485043	0.925701217	Magea3
0.003277	5.21E-01	Hspb3	0.000485043	1.787284941	Smim20
				-	
0.003367	5.52E-01	Ctnnbip1	0.000505469	1.922299321	Olfml3
				-	
0.003522	-5.77E-01	Elov15	0.000505469	1.542439146	Pdgfrb
				-	
0.003663	6.71E-01	Slc7a2	0.000531812	2.253976168	Aldh3a1
0.003685	6.68E-01	Sema3a	0.000562847	-2.88707268	Fos
0.003989	-6.42E-01	Atp1b1	0.000562847	-1.47742297	Camp
				-	
0.003989	5.03E-01	Pstpip2	0.000579791	3.113357703	Cxcl5
0.003989	6.35E-01	Pak1	0.000585139	-1.49295103	Sema4a
				-	
0.003989	6.91E-01	Peg3	0.000587832	2.473253005	Selenop
0.003989	7.83E-01	Slc16a3	0.000596277	2.58182489	Csrp3
0.004022	8.57E-01	Atp1b2	0.000605889	1.726346078	Cmah
				-	
0.004023	6.71E-01	Wnt4	0.000617772	1.275781173	Tgfbr3
				-	
0.004341	6.28E-01	Egf	0.000627932	2.035716971	Magea8
0.004451	-1.14	Csrp3	0.000630881	1.759436085	Evc
0.004451	-7.37E-01	Chpt1	0.000632755	1.332548214	Nipsnap1
0.004451	5.87E-01	Mllt11	0.000632755	1.462740899	Tagln
0.004451	6.21E-01	Slc44a2	0.000632755	2.810708056	Klhl22
0.004517	5.65E-01	Gm14680///Sms	0.000636064	-1.61390184	Cebpa
				-	
0.004606	-5.19E-01	Ntrk2	0.000638322	1.429681794	Clca2
				-	
0.004847	-7.19E-01	Aoc3	0.00067314	0.883780295	Cldn34c1
0.004917	-6.98E-01	Abca1	0.000711937	0.80918442	Nphp4
0.005032	5.57E-01	Syt12	0.000711937	1.746182051	Akip1
0.005434	6.32E-01	Bex1	0.000714914	2.831382512	Heyl
				-	
0.005683	-5.93E-01	Slc25a20	0.000729401	1.778767533	Adamts1
0.005749	6.31E-01	Slc7a2	0.000733065	2.286248497	Tpd52l1
0.005853	-5.67E-01	Dhrs7	0.000750823	4.056587767	Gm1673
0.006173	5.08E-01	Lrrfip1	0.000779418	2.044345829	Scn5a
				-	
0.006173	5.45E-01	Slc37a4	0.000799606	1.576362188	Fat4
0.006173	5.68E-01	Pak1	0.000799606	1.220671978	Krba1

0.006173	7.37E-01	Hspb8	0.000804301	1.83606762	Arhgdib
				-	
0.006173	8.31E-01	Igf2	0.000839677	1.587680864	Lhpp
				-	
0.006183	-1.53	C3	0.000840864	1.054396723	Trem2
0.006183	-7.02E-01	Cat	0.000886606	3.74162804	Myl1
				-	
0.006296	-5.23E-01	Elovl3	0.000889933	1.369760732	Gsta4
0.006303	-7.79E-01	Lpl	0.000889933	1.006857431	Gpr137b
				-	
0.006303	-6.42E-01	Coq8a	0.000922231	3.091434008	Ccl7
0.006303	-5.94E-01	Atp2a2	0.000922231	1.556887714	Lamb3
				-	
0.006303	-5.12E-01	Lrrn1	0.000948297	1.894458007	Col12a1
				-	
0.006394	5.26E-01	Ddc	0.000948297	1.203219303	Rdh10
				-	
0.006547	-6.81E-01	Pkp4	0.000948297	1.119369481	Loxl3
0.006547	6.69E-01	Kazald1	0.000948297	1.100563126	Pfkip
				-	
0.00662	-5.84E-01	Mgll	0.000949192	1.148329965	Arhgap24
0.006733	-7.30E-01	Acss2	0.000949192	1.318013657	Chrna1
0.006765	5.16E-01	Hacd1	0.000959324	3.004010944	Mest
				-	
0.007369	5.26E-01	Maf	0.000964776	2.921758305	Lpl
				-	
0.007398	-7.46E-01	Klf7	0.000964776	1.779978642	Eva1b
0.00771	6.18E-01	Pak1	0.000964776	0.907352239	Ap2m1
				-	
0.007854	-5.64E-01	Ccdc80	0.000972449	3.166316207	F3
				-	
0.007904	-7.37E-01	Rbp4	0.000983304	2.113117479	Fosb
				-	
0.007904	-5.71E-01	Gdap10	0.001010618	2.697037033	Aim2
0.00796	-5.55E-01	Nrp1	0.001012689	2.486373643	F11r
0.00796	-5.48E-01	Acaa2	0.001023387	1.095000126	Ogdhl
0.007977	7.52E-01	Cntnap2	0.001023387	1.097709098	Sdf2l1
0.008123	5.51E-01		0.00102445	2.235294772	Akr1e1
0.008425	5.14E-01	Calm3///Calm2///Calm1	0.001031757	0.812984735	Fam151b
0.008478	5.09E-01	Cmb1	0.001047871	0.728946382	Zdhhc15
0.009594	-5.39E-01	Lrrc2	0.001054706	-1.9106106	Slc15a3
0.010045	-7.40E-01	Fam126b	0.001054706	2.204401368	Fam167a
				-	
0.010246	-6.77E-01	Fgf1	0.001068027	1.086943751	Tmem185a
0.010281	-5.34E-01	Ndrp1	0.001068027	0.896337408	Ube2l3
0.010605	5.21E-01	Ufsp1	0.001068027	2.221770081	Tmem45a
0.011074	-5.22E-01	Slc16a1	0.001106901	2.479939807	D030025P21Rik
0.011201	-5.80E-01	Elovl5	0.00113874	1.830431549	Cln3
				-	
0.011252	-6.87E-01	Rgs2	0.001141954	2.262906983	Ccl2

0.012585	-7.92E-01	Myh7///Myh6	0.001141954	1.646053037	S1pr1
0.013269	-6.01E-01	Clip4	0.001159657	1.856205942	Orm1
0.013269	5.17E-01	Ptx3	0.001160599	1.478365724	Mmp19
0.013663	-9.02E-01	Hp	0.001160599	1.049950902	Cela1
0.013663	-5.76E-01	Cd1d1	0.001160599	1.17743738	Epha4
0.014476	-5.70E-01	Ppm1m	0.001160599	1.727251984	5730409E04Rik
0.014733	-7.34E-01	Fabp4	0.001160599	2.822511829	Epha1
0.014942	-1.08	Xist	0.001195148	2.683561438	Myrf
0.015076	6.91E-01	Gpt2	0.001243148	1.514242061	Cmklr1
0.015085	6.71E-01	Gamt	0.001248417	1.681434802	Mamdc2
0.015377	-7.30E-01	Mgl1	0.001300842	1.670567659	Obsl1
0.015424	-8.87E-01	Cd1d1	0.001307927	1.994969256	C1rl
0.015511	5.22E-01	Rora	0.001307927	1.100710651	Tesk2
0.015511	9.78E-01	BC023105	0.001307927	1.288432246	Col18a1
0.015819	-5.32E-01	Chpt1	0.001329291	1.681023813	Grik2
0.016231	-5.09E-01	Chpt1	0.001329291	1.507723291	Abhd14b
0.016303	6.59E-01	Ak4	0.001329291	1.846991831	Myh1
0.016749	6.51E-01	Ank1	0.001359487	1.138232388	Vill
0.017177	-5.20E-01	St3gal5	0.001367708	1.624578535	Prg4
0.017252	-5.07E-01	Adcy3	0.001367708	1.297990376	Tle2
0.017587	-8.26E-01	Apoc1	0.001367708	1.130955823	Aqp1
0.017588	-5.27E-01	Pleknb2	0.001367708	1.099738411	Gstm1
0.017847	8.34E-01	Atp1b4	0.001390835	0.960714312	Ptgfr
0.018193	-5.66E-01	Dnase2a	0.001405464	0.699960451	Tmsb10
0.01842	-5.32E-01	G6pdx	0.001415539	1.461725875	Osr1
0.01842	7.00E-01	Gpt2	0.001415965	2.759874572	Slc16a11
0.018876	5.49E-01	Wnk2	0.001425158	1.233815846	Angpt4
0.019963	-5.11E-01	Pnp2///Pnp	0.001425158	1.183191877	Apol8
0.019971	5.69E-01	Itm2a	0.001425158	0.82122167	Tsc22d1
0.020997	-9.81E-01	Cidec	0.001425158	1.2344282	Plek2
0.020997	-8.82E-01	Ces1d	0.001425158	1.277201273	Prickle3
0.020997	-7.64E-01	Acsf5	0.001506095	1.051497533	Tnfrsf12

0.020997	-6.10E-01	Gpr137b-ps///Gpr137b	0.001530593	1.448987019	Parp10
0.020997	-6.05E-01	Aldh9a1	0.001542771	0.920104412	H1f0
0.020997	5.51E-01	Gadd45a	0.001572129	0.771543101	Reep1
0.020997	5.64E-01	Tmem109	0.001572129	1.068423104	Gzmn
0.021421	-7.80E-01	Mnda///Ifi205	0.001572129	1.159415181	Angptl4
0.021421	-7.36E-01	Mgst1	0.001604269	1.158063987	Sec14l2
0.021421	-5.08E-01	Myl10	0.001622224	2.389687084	Serping1
0.021745	5.71E-01	Plagl1	0.001626485	1.807928551	Enpp3
0.021998	-5.74E-01	Csad	0.001626485	0.968365446	Srpx2
0.022192	-5.50E-01	Aldh9a1	0.001626485	1.89341474	Smpx
0.022568	-6.34E-01	Aldh1a7	0.001650658	-1.64693351	Apobec1
0.02354	6.51E-01	Slc38a4	0.001650658	-1.0237793	Blvrb
0.024144	-6.49E-01	Acss2	0.001650658	0.936096751	Tspan18
0.024348	-7.65E-01	Pdk4	0.001650658	1.321292822	Slc43a3
0.026045	-5.01E-01	C1ra	0.001650658	1.798355877	Spint1
0.02676	-5.13E-01	Sfxn1	0.001650658	2.16990978	Cox7a1
0.028407	-8.02E-01	ldh3b	0.001650658	3.245898349	Apobec2
0.028407	5.65E-01	Tbx15	0.001709504	1.838623305	Htatip2
0.028632	-6.94E-01	LOC101056141///Cox6a1	0.001709504	0.908366196	Grhpr
0.029409	-7.01E-01	Adtrp	0.001709504	0.99058409	Hes6
0.029741	-5.91E-01	Dio2	0.001709504	1.844534251	Wnt10a
0.033788	-6.53E-01	Dgat2	0.001725897	-1.18622032	Zfp503
0.033895	-5.48E-01	Igfbp4	0.001725897	1.046865887	Sord
0.034386	5.94E-01	Gpt2	0.001748383	1.150548245	Ksr1
0.034687	-5.21E-01	Pnp	0.001805174	0.718313354	C1rb
0.036366	-6.15E-01	Amy1	0.001849605	1.383217909	Serpinb9b
0.036385	-5.37E-01	Slc25a5	0.001899886	1.445721903	Slc9a3r2
0.03677	-9.91E-01	Scd1	0.001899886	1.718856763	Cd200
0.03677	-7.36E-01	Adig	0.001913385	0.836365679	Irak3
0.037163	-5.25E-01	Sh3bgrl	0.001988149	1.237585498	Aoc3
0.038385	-5.19E-01	AU020206	0.002027809	-0.86631936	Mpst
0.038477	-6.27E-01	Plin2	0.002085162	0.762277254	Cyp11b1
0.039678	5.66E-01	Gm12300	0.002085162	0.712799264	Psmd2
0.039809	-5.28E-01	Rbp7	0.002085162	1.813801078	Serinc2
0.039809	6.10E-01	Smyd1	0.002139691	3.870581562	Tnni1
0.040451	-7.06E-01	Acp5	0.002218075	1.307618382	Fndc4
0.040691	-5.51E-01	Pank1	0.002258457	1.141043288	Snx18
0.040921	-5.54E-01	Pparg	0.002258457	1.346939362	Brinp3

0.041078	-5.99E-01	Letmd1	0.002258457	2.086009147	Sgcd
0.041259	-7.09E-01	Adamtsl4	0.002280533	-0.62208984	Col4a6
				-	
0.042103	-5.43E-01	Endod1	0.002282448	1.068455868	Ghr
0.042132	-6.44E-01	Snhg6	0.002282448	1.086936715	Nme4
0.042388	5.37E-01	Pstpip2	0.002358439	2.521988761	Frmpd1
0.042728	7.15E-01	2900097C17Rik	0.002369835	1.439712992	Abcg2
				-	
0.04394	-6.81E-01	Cfd	0.002427961	1.271483655	Apbb1ip
				-	
0.04416	-1.12	Elov16	0.002474061	1.056024045	Fdxr
				-	
0.04426	-6.70E-01	Ankrd2	0.002523758	1.093077455	Ppm1l
0.044782	-8.11E-01	Cidea	0.002616804	1.160420333	Des
0.045446	6.24E-01	Smyd1	0.002705135	1.929350002	Fmnl1
				-	
0.045453	-7.76E-01	Mndal	0.002744366	0.789786926	C1s2
0.047161	-6.71E-01	Acaa1b	0.002777762	1.416018697	Nynrin
0.047161	5.01E-01	Gdap1	0.00281635	1.600701222	Kif1a
				-	
0.047338	-7.10E-01	Ppara	0.002915213	1.177777683	Chst1
0.048868	-6.41E-01	Gnai1	0.002933875	-1.84617028	Ctla2a
0.048868	7.81E-01	Eif2s3y	0.002933875	1.096643327	Acpp
				-	
0.048933	-5.18E-01	Ptger3	0.002935168	1.242825007	Ly6d
				-	
0.048993	-5.97E-01	Pgd	0.002962933	0.749326113	Tkt
0.049173	9.43E-01	Cd28	0.002988067	0.837679165	Eif4g1
				-	
0.04992	-7.35E-01	Pck1	0.003007427	0.749917913	Serpinb1b
				-	
			0.003203982	0.926194702	Lgals3bp
			0.003203982	0.95539681	Als2cl
			0.003203982	1.958365485	Fgfr4
			0.003215588	1.428160864	Cd80
			0.003227568	1.80694598	Myom2
			0.003237842	1.577654399	Tom1l1
			0.003314154	2.560297673	Cldn3
			0.003356427	0.852829108	Cxcl13
			0.003356427	1.015105692	Atg9b
				-	
			0.003487285	1.218951934	Smpd3
			0.00349644	1.005811411	Kbtbd7
				-	
			0.003504241	0.832912106	4930486L24Rik
			0.00351627	0.854505868	Lmo7
				-	
			0.003641122	2.081703883	Adra1d
			0.003641122	1.02071866	Gcnt2
			0.003721683	1.140063283	Armxc4
			0.003749504	1.111660481	Tmem173

0.003751038	1.278513472	Tcap
0.003754093	-1.60134611	Slc1a3
0.003754093	0.577181121	Dkk1
0.003754093	1.162813965	Aplp1
0.003754093	1.395970827	Serinc5
0.003761837	4.155216041	Mylpf
0.003830751	0.839938733	Gpc2
0.003830751	1.479372395	Anxa8
	-	
0.003878257	1.122651955	Lrrc4c
0.003878257	0.860761915	Sgk3
0.003882184	0.956481391	Igfbp2
	-	
0.003894823	1.350076753	Nrep
	-	
0.003894823	1.256736765	Adh1
	-	
0.003894823	0.854414074	Fah
0.003894823	1.395960704	Mcub
0.003896505	-1.84554224	Cldn34c3
	-	
0.003896505	1.013029796	Itgb7
	-	
0.003913637	0.883487096	Col16a1
0.003916333	0.747935323	Sat1
	-	
0.003954127	1.437436895	Hist1h3a
	-	
0.003986867	1.692851232	Hist2h2ac
0.004057105	0.838488498	Crym
0.004105144	-1.40156829	Rgcc
0.004105144	1.745306225	Tceal7
	-	
0.004110655	0.775747732	Hspb6
0.004110655	1.408605633	Evc2
0.004151316	0.920890382	Erfe
0.004170082	1.080303135	Wnt9a
0.004226059	0.813851644	Psma2
0.004226059	0.949845763	Nbl1
	-	
0.004226457	1.502185849	Lmod1
	-	
0.004226457	1.199715602	Tmem86a
	-	
0.004243572	1.288803093	Tph2
	-	
0.004261764	1.210341524	Sardh
	-	
0.004301476	1.032925139	Map2k6
	-	
0.004301476	0.843787055	Insc

0.004301476	0.67512431	Serpine1
0.004301476	0.905018567	Cavin4
0.004301476	1.667481455	BC025446
	-	
0.004319011	1.131162484	Fam189a2
	-	
0.004399147	0.643697209	Pde8b
	-	
0.004439465	1.610142349	Psmb9
	-	
0.004567677	1.167789591	Prce
0.004596428	1.171024413	Larp4b
0.004623555	-1.13462735	Hsd17b14
	-	
0.004651685	1.036142913	Mylk
0.00471045	0.882355798	Crkl
	-	
0.004743685	1.006363933	Acss2
	-	
0.004801473	0.811833465	Svep1
0.00483593	0.580951802	Myl12b
0.004871244	0.830954786	Dnajb11
	-	
0.004942415	1.743796262	Enpp1
	-	
0.004942423	0.583859598	Htra1
0.004949828	1.529074462	Gzmc
0.004954016	0.799140431	Zfp2
0.004954016	0.992243397	Klhl23
0.004954016	1.130462508	Sytl2
0.004954016	3.438304965	Tnnc1
	-	
0.00495863	1.215692921	Foxred2
	-	
0.00495863	1.036857999	Gldc
	-	
0.00495863	0.847280891	Thbs2
	-	
0.00495863	0.662005555	Dpm3
0.00495863	0.836808472	Uchl1
0.00495863	1.472912118	Add2
0.00495863	1.630937827	Sgce
	-	
0.005067243	1.152260487	Gas2
	-	
0.005088443	0.829439032	Clu
0.005088443	1.308528277	Lama2
0.005088443	3.458023744	Myog
0.005120257	0.888684857	Dbn1
	-	
0.005169404	1.269877575	Cav1

0.005178684	4.14160737	Mybph
0.005181274	1.249013898	Mogat2
0.00518212	1.473307402	Adgrg3
0.005190833	1.744285138	C1ql1
0.00521293	0.536635541	Prss12
	-	
0.00524611	0.912628328	Man1a
	-	
0.00524611	0.784029251	Kcnmb1
0.00524611	0.576014779	Tagln2
	-	
0.00530297	1.036315432	Sh2d4a
	-	
0.005317536	0.880211851	GlrX
0.005326501	1.00473417	Mapk1
0.005346968	0.544455542	Upk1b
	-	
0.005374293	0.768456239	Cst3
	-	
0.005377606	0.949284041	Lysmd2
0.005377606	2.693900318	Trim72
	-	
0.005391631	1.481304667	Rassf2
	-	
0.005391631	0.932922933	Mcc
	-	
0.005391631	0.714459114	Tpm2
0.005393979	0.896925228	Map4k4
0.005418013	-2.33456286	Dhrs3
	-	
0.005446369	0.869906566	Maml2
0.005446369	0.951043103	Ppt2
	-	
0.005448886	1.027653828	Adamts5
0.005465509	0.816301397	Rgs12
0.005465509	0.989639935	Ero1lb
0.005529276	0.943260436	Cdkn1a
	-	
0.005568185	0.896347943	Khk
0.005653436	1.370472149	Cavin2
	-	
0.005653473	2.488787534	Plin4
0.0056992	0.89735013	Lgals8
0.005732033	0.828946507	Bean1
	-	
0.005762536	0.603383719	Npy1r
0.005808284	1.354144368	Bik
	-	
0.005821601	0.638751207	Pabpc4
0.005833064	0.786791623	Thpo

	-	
0.005863573	4.507528311	Lrmda
	-	
0.005863573	1.150523543	Dlc1
0.005863573	0.647082375	Pgm5
	-	
0.00588616	0.623475274	Lrp1
0.00588616	1.00131033	Stard3nl
0.005970523	2.058139532	Mylk2
	-	
0.006085549	1.570902356	Csf2rb
0.0060863	0.85996546	Lztr1
0.006122239	0.846405434	Mef2c
0.006153705	0.850354296	Nt5e
	-	
0.006176721	0.753579811	Cd47
	-	
0.006213765	0.985407213	Hoxb3
0.006240496	0.641875587	Myh14
	-	
0.006269209	0.797783177	Epb41l1
0.006269209	0.666439118	Tuba1a
	-	
0.006284897	1.063683721	Galnt18
	-	
0.006349181	0.661034257	Etfb
	-	
0.006364933	1.140202597	Tgm5
0.006364933	0.904243455	Hr
0.006364933	1.986364469	Car3
	-	
0.006367994	0.660652915	Ssbp4
	-	
0.006373421	0.690023336	Cenpm
	-	
0.006374863	1.235152879	Pcx
0.006374863	0.616121347	Avpr1a
0.006399005	0.627144202	Degs1
0.006399005	0.627323607	Pappa
0.006399005	0.905807285	Rps6ka1
0.006399005	1.04285322	Ncam1
0.006399005	1.237407033	Arhgdig
0.006399005	1.893817004	G0s2
	-	
0.006476504	2.495733984	Smoc2
	-	
0.006476504	0.571482055	Rnaseh2c
0.006476504	0.781833226	Arl6ip5
0.006476504	2.606030331	Myl4
	-	
0.006484541	1.218154084	Tle6

	-	
0.006484541	1.211450767	Dkk2
	-	
0.006532452	0.865321772	Plek
0.006532452	1.261209062	R3hdm1
0.006532519	1.825206474	Ankrd2
	-	
0.006607949	0.805231449	Itgb5
0.006618537	0.929771344	Serpinb1c
0.006622921	0.938845831	Zmynd11
	-	
0.006741128	1.620075506	Tap1
	-	
0.006741128	1.044851907	Wdr66
	-	
0.006741128	1.020553801	Rxra
	-	
0.006741128	1.002301172	Tcim
	-	
0.006741128	0.615148637	Prcp
0.006741128	0.949913581	Mcm4
0.006741128	1.052953704	Slc13a5
0.006741128	1.344833763	Def6
0.006741128	1.655618863	Tspan32
	-	
0.006756387	1.369790744	Gm10639
	-	
0.006756387	0.646083521	Fth1
0.006760089	1.130253319	Cma1
	-	
0.006766006	1.169294885	Mmp2
	-	
0.006766006	1.014363287	Lmf1
0.006774849	0.85549627	Abcc5
	-	
0.006801127	2.147783431	Ccl8
0.006887457	2.000664262	Synpo2l
	-	
0.006912995	1.015833044	Slc40a1
	-	
0.006912995	0.920217572	Steap1
	-	
0.006912995	0.687922872	Socs3
	-	
0.006912995	0.536309198	Ccdc17
0.006930742	0.993714872	Syt11
	-	
0.006989015	0.757243747	Hoxb5
0.006999924	0.970812609	Galnt6
	-	
0.007025042	1.128624426	Rorb

	-	
0.007025042	0.985661983	Mbnl3
	-	
0.007103448	0.963835698	Tvp23a
	-	
0.007119543	0.636021308	Rps18-ps3
	-	
0.007119543	0.527786968	Slc25a39
	-	
0.00718075	1.361990362	Casp4
0.00718075	0.518026003	Mboat2
0.00719826	0.791448198	Tmem41a
	-	
0.00722219	0.530136289	Naa10
0.007365344	0.987073511	Coro2a
0.007393248	0.720054467	Colec12
0.007464343	0.528761504	Sp7
	-	
0.007499111	0.827935487	Inhbb
	-	
0.007499111	0.821469582	Pim1
0.007499111	0.835950708	Rala
0.007499111	0.859770043	Zfp697
0.007499111	1.094535218	Chml
0.007510099	0.786893355	Parl
	-	
0.007560358	1.461648574	1700020L24Rik
	-	
0.007560358	0.935729528	Rasl12
0.007566405	-1.33265512	Medag
	-	
0.007566405	1.001101178	Klhl36
0.007580048	0.942591872	Cxcr4
0.007580048	1.342882721	Lmod3
0.007592292	1.095823404	Tmsb4x
0.007596399	0.859474697	Rcn3
	-	
0.00771936	2.722090384	Il1rn
	-	
0.007739432	1.344665021	Lmcd1
0.007780738	0.571824649	Ehd4
0.007780738	1.018312023	Adamts4
	-	
0.00791226	0.953822136	Gm5662
	-	
0.00791226	0.942622085	2310039H08Rik
0.008022785	0.606008169	Arl6ip1
0.008022785	0.679820144	Prkar2a
	-	
0.008068954	1.041489333	Hrct1
0.008068954	0.980737972	Manba

0.008101426	0.732256465	Ppil2
0.008101426	1.115346806	Hsd17b11
-	-	-
0.008169904	1.486662385	S100a5
-	-	-
0.008169904	1.235224611	Xkr5
-	-	-
0.008169904	0.612876489	Surf1
0.008169904	1.271617681	Actn3
0.008288275	2.084613473	Rbm24
-	-	-
0.008307275	1.330449067	Hsd11b1
-	-	-
0.008309367	0.801284367	Mmab
-	-	-
0.008309367	0.774255741	Eml2
0.008309367	0.561897199	Flnb
0.008309367	0.719878604	Myod1
0.008309367	0.778310539	Polr2h
0.008309367	0.839838921	Serpib9
0.008309367	1.599700081	Zfp57
0.008356347	0.779261535	Zkscan3
0.008362209	0.567933218	Hn1
0.008362209	0.666479425	Anxa7
0.008362209	0.860346571	Ndfip2
0.008390773	0.668170442	Thap7
-	-	-
0.00840445	0.887605043	Hmgcll1
-	-	-
0.008404998	0.845400955	Il4ra
-	-	-
0.008413813	0.776883225	Prelid2
-	-	-
0.008413813	0.577341721	Exosc5
-	-	-
0.008413813	0.545576734	Igfbp7
0.008432651	0.625190825	Actn2
-	-	-
0.008443445	1.457243485	Mfap5
-	-	-
0.008443445	0.996101874	Gm6880
-	-	-
0.008443445	0.792473198	Rbpms
-	-	-
0.008534753	1.173161981	Aebp1
0.00855926	0.647053807	Gm5152
0.008634256	2.948940362	Mb
-	-	-
0.008689236	0.886344209	Trappc6a
0.008692595	-0.55391314	Gnl1
0.008738738	1.630718989	Smyd1

0.008756649	1.264811102	Gm8113
	-	
0.008760491	0.895797772	Fggy
	-	
0.008844807	0.836140034	Peg10
	-	
0.008848076	1.746446098	Vegfd
	-	
0.008865739	0.624422263	Prn
0.008910028	1.344923519	Fam241b
	-	
0.008914282	1.037506434	Acadm
0.008914282	-0.74364062	Ndr3
	-	
0.008914282	0.733489701	Hivep3
0.008914282	0.547716556	Dgcr6
0.008914282	0.56469469	Pear1
0.008914282	0.840925607	Epdr1
0.008914282	1.116490451	Mmp23
0.008914282	1.68080875	Pmaip1
0.008936133	0.587183869	Rab31
0.008936133	0.598390395	Sh3bgrl2
0.008968956	0.881646857	Sulf1
0.00898046	-1.97725463	S100g
	-	
0.00898812	0.820745377	Fam173a
0.009003419	1.816447821	Chrng
0.009053736	-1.99429963	Spr2k
	-	
0.009053736	0.759315152	Sqor
0.009056901	0.878514315	Tbc1d9
	-	
0.009071271	1.003666988	Csad
0.00912155	0.533065001	Plekha7
0.00912605	0.787214584	Zdhc21
0.009163101	1.01230857	Unc13d
0.009230857	0.713120788	Flt1
	-	
0.009278806	0.653442096	Ivd
	-	
0.00930107	0.629457501	Pmp22
	-	
0.009312933	0.996226484	Sfxn5
0.009319692	0.573935421	Arl4c
0.009402014	0.737973822	Noct
0.009402014	0.781608502	Rin3
0.009402014	1.012961483	Jam2
	-	
0.009405119	1.047101841	Fam110b
0.009405119	1.202567193	Myoz2
0.009423873	0.963505008	Mtr

	-	
0.009502122	0.832949759	Ripk2
	-	
0.009508291	0.594663789	Zfp771
	-	
0.009582546	0.572821224	Fads1
0.009608011	0.60455521	Rem1
	-	
0.00960918	1.256041765	Traf1
	-	
0.009614807	0.730925291	Tlcd1
0.009614807	0.872832329	Tgif2
	-	
0.009620624	0.513482741	Trap1
0.009700098	2.828855391	Mymx
0.009706719	1.23463422	Dok7
0.009706719	1.246631137	Tyw5
	-	
0.009733938	0.634521113	Tmem200a
	-	
0.009824834	0.957602078	Ankle1
0.009824834	-0.74298195	Cyr61
	-	
0.009824834	0.579878405	Rps2-ps6
0.009824834	-0.53326957	Galnt9
0.009824834	0.950694818	Pstpip2
0.009980473	0.566957261	Bicd2
0.010002039	0.63047722	Clip4
0.010082308	0.574553003	Eaf1
	-	
0.010102376	0.554514856	Stat6
0.010102376	1.095184969	Lif
	-	
0.01010534	1.227524713	Rab32
	-	
0.010175848	0.937063326	Irs2
0.010175848	0.70487253	Maged2
0.010175848	0.8696093	Snap29
0.010175848	1.092979501	Txnip
0.010175848	1.869640632	Gpr153
0.010334111	0.664243265	Ano1
0.010344806	0.706469503	Arap3
	-	
0.010397962	0.766083823	Pik3r5
	-	
0.010397962	0.736894568	Cbx4
0.010397962	-0.61380487	Pcolce2
0.010397962	0.709077817	Gata2
0.010397962	0.725431347	Cln5
0.010397962	0.847981456	Rab3b

-		
0.010401324	1.431948453	Prss37
0.010401324	3.279183656	Myh3
0.010585126	1.014543407	Ablim1
-		
0.010656918	1.146100293	Ephb6
0.010656918	0.712276482	Sox9
0.010656918	0.900985679	Vps41
0.010656918	1.041247843	Btg2
0.010673205	1.024842579	Tspan12
0.010745092	0.706725093	Cldn4
-		
0.010804608	0.524119894	Nanos3
0.01090764	0.65520376	Mboat1
-		
0.01095367	1.143964415	Tmem53
-		
0.010963825	0.792920417	Arhgap9
0.01100309	1.206379112	Cav3
0.011066789	1.183855284	Nid1
-		
0.011205304	0.669488444	Clmp
-		
0.011206879	2.288744545	Ugt1a9
-		
0.011206879	0.985566151	Hacd4
-		
0.011206879	0.685206147	Ddit4
0.011206879	0.721588562	Mrpl40
0.011206879	0.769195449	Tubb2a
0.011206879	0.80325584	Bdkrb1
0.011206879	1.423155806	Aif1l
0.011227075	0.682688093	Tspan14
-		
0.011260598	1.246294638	Bdnf
0.011260598	0.747291459	Lingo2
0.011260598	0.860529058	Creld1
0.011305939	0.795243129	Mplkip
0.011305939	1.215399141	Gm2000
0.011305939	1.752761804	Map3k7cl
0.011357359	0.57118435	Cldn1
0.011357359	0.633940746	Traf4
-		
0.011394914	0.803020258	Xirp2
-		
0.011407577	0.765631323	Gm5617
0.011407577	0.861703665	Rhobtb3
-		
0.011415552	0.610098182	Supt3
0.011432158	0.704963947	Cyb561
0.011437217	-1.02920969	Pltp

	-		
0.011462201	1.100237004	Rerg	
	-		
0.011462201	0.832945916	Pgf	
	-		
0.011462201	0.788665162	Sgk1	
	-		
0.011462201	0.711274849	Eef2kmt	
0.011462201	0.918343411	Cdkn1c	
0.011462201	1.319783077	Defb28	
	-		
0.011471398	1.207246234	Gstt1	
0.011471398	0.640346358		Sep-05
0.011471398	0.672809378	Slc26a10	
0.011483946	1.026768484	Plxnb1	
	-		
0.011594733	0.625683061	Ccdc85b	
0.011594733	1.40858729	Fuca2	
0.011677055	0.707110734	Nras	
0.011677055	0.778338442	Dennd6a	
0.011708213	0.646508624	Rnf44	
0.01172068	0.507132043	Scn10a	
0.011743707	1.256520857	Anks6	
0.011784916	0.546254614	Paccin2	
0.011816383	0.584595131	Smim3	
0.011822289	0.653407095	Hbegf	
0.011847611	-0.79034717	Slc44a5	
	-		
0.011847611	0.742766434	Car5b	
0.011847611	1.32534853	Tspan33	
0.011847611	1.383455417	Chrd	
0.011880045	1.005988583	Igfn1	
	-		
0.011903737	1.337513511	Fabp4	
	-		
0.011983618	0.903520578	Hoxb4	
	-		
0.011983618	0.850290181	Lrrc27	
0.011983618	1.115138297	Dvl3	
0.012058293	0.523872416	Prdx6	
	-		
0.012070397	1.180812596	Echdc3	
0.012150867	0.685764762	Prkx	
0.012178892	0.605767447	Asgr2	
0.012178892	0.722815805	Tert	
	-		
0.01221244	0.879230033	Tbc1d2b	
	-		
0.012239504	1.010266104	Foxf2	
	-		
0.012239504	0.759726222	Mpg	

-		
0.012239504	0.647935615	Mecr
0.012239504	1.076410245	Rasl10a
0.012239504	1.193679719	Cxadr
0.012239504	1.300951841	Nog
0.012239504	3.103839643	Tnnc2
0.012239504	3.545215673	Actc1
-		
0.012255251	0.542567604	Eif3f
0.012292288	0.85809022	Aldoc
0.012321042	0.810466413	Yae1d1
0.012330683	0.654554854	Fzd6
-		
0.012361002	1.027182885	Glt8d2
0.012361002	-0.85150234	Mrc2
-		
0.012361002	0.750956679	Ar
-		
0.012365953	0.841310456	Ulk4
-		
0.012365953	0.623570024	Prpf40b
0.012376569	0.760245649	Cyp11a1
0.012376569	0.81310692	Vav3
0.012483702	-0.71471404	Psmb10
0.012483702	0.814873621	Pros1
-		
0.012486259	0.833871077	Cacnb2
0.012522385	0.600663985	Runx3
0.01259637	0.518539411	Pdlim7
-		
0.012634873	0.830979511	Emilin2
0.012634873	0.612122068	Hira
0.012634873	0.766014947	Podxl
0.012636329	0.894436781	Sh3glb1
0.01271398	0.528692412	Snn
0.01271398	0.829997864	Plcg2
-		
0.01280887	0.772824332	Al429214
0.01282163	0.707675118	Plekhh2
-		
0.01284999	1.007153904	Inmt
-		
0.013040571	0.761038908	Tfap4
-		
0.013068234	0.532321746	Ier2
0.013109208	0.530325864	Tax1bp3
-		
0.013168472	1.223937366	Hist1h2ae
-		
0.013168472	0.818147712	Dpt

	-	
0.013168472	0.769214164	Retsat
	-	
0.013168472	0.741831315	Aldh1l2
	-	
0.013168472	0.675720563	Mgl2
0.013168472	0.678308046	Chrnbl
0.013252756	-1.10666543	Sobp
	-	
0.013252756	0.655342605	Ecsit
	-	
0.013252756	0.610798925	Dppa4
0.013273266	1.136894837	Cd248
0.013301017	0.665275955	Stmn1
0.013301017	1.248718944	AU021092
	-	
0.013343183	0.542125255	Use1
0.013380561	-0.70481947	Fbn1
0.013380561	1.012997919	Klhdc8a
0.013383675	-0.70826065	Pdk1
0.013383675	1.66352842	Fndc1
0.013387358	1.437103959	Klhl41
	-	
0.013455331	0.669361583	Efhc1
0.013455331	0.723362746	Tmem176b
0.013477679	1.99681613	Ctrb1
0.013518675	-1.7163266	Hist1h2bp
	-	
0.013518675	0.892105024	Thsd7a
	-	
0.013518675	0.513886514	Nhs
0.013518675	1.077811061	Msln
0.013560017	1.084777097	Ydjc
0.013592567	0.587259937	Ctsl
	-	
0.013686146	1.042028303	Susd1
	-	
0.0137479	1.020227079	Ctnnal1
	-	
0.0137479	0.737320223	Mcub
	-	
0.0137479	0.705456511	Pter
	-	
0.0137479	0.694593617	Zfp64
0.0137479	0.710396939	Arl10
0.0137479	0.718262313	Atp6v1c2
0.0137479	0.722975337	Dgcr2
0.0137479	0.995529148	Naa30
	-	
0.013814571	0.955499242	Pxylp1

-		
0.013814571	0.881542848	Cmb1
0.013841308	0.785992553	Ddr1
-		
0.013898919	1.708885857	Apol10b
0.013898919	0.710214729	Id2
0.013915671	0.815806116	Rb1
0.013915671	1.046048152	Fkbp1b
0.013986313	0.74813614	Tgfb2
0.013986313	0.774858166	Ywhah
0.014012241	0.771635516	Cdc45
0.014288612	0.679498146	Epha2
0.014330074	1.048583305	2510009E07Rik
0.014337007	1.241269542	Nxf7
0.014372927	0.531010669	Klhl13
-		
0.014406493	0.599723541	Acd
0.014406493	0.75965083	Enah
0.014406493	0.767471623	Ptk2b
0.014406493	0.872170871	BC005537
-		
0.014435657	0.867776349	Il6ra
0.014435657	0.575394998	Pdlim1
0.014435657	0.768770339	Susd5
-		
0.014462671	0.811519591	Foxd1
0.014462671	0.909764778	Robo1
0.014511899	1.092903895	Cd44
-		
0.014516804	1.056208397	Lrrn3
-		
0.014608445	0.523970049	Spry3
0.014627063	1.034835912	Klhl24
-		
0.014765009	0.801411142	Esr1
0.014821638	0.580616926	Lrrc8d
-		
0.014848077	0.516915861	Nop53
-		
0.014907878	1.677517563	Cited1
-		
0.014935504	0.781276302	Rmi2
0.014935504	0.583090955	Popdc3
0.014987747	1.083093518	Eif4a2
-		
0.015229083	1.131565373	Sgsm1
-		
0.015229083	0.857542373	Ophn1
-		
0.015229083	0.729707498	Gpr176
0.015299676	-0.8563212	Kcnk12

	-	
0.015437162	0.963108552	Nfib
0.015437162	-0.86139879	Cd59b
	-	
0.015437162	0.818225242	Fhdc1
	-	
0.015437162	0.783178399	Cpq
0.015437162	0.643885655	Ece2
0.015437162	0.670377269	Smad5
0.015437162	0.764042713	Krt80
0.015437162	0.894461572	Ctf1
0.015437162	1.565122055	Klc3
	-	
0.015616624	0.698243857	Raet1d
	-	
0.015671556	0.729205916	Adck1
	-	
0.01573362	1.024856579	Cth
0.015884869	0.608750611	Gm16867
	-	
0.015908081	1.395664573	Rhox2h
0.015908225	0.742304308	Zdhhc8
0.015959181	0.640096277	Mss51
0.016063608	0.547230264	Obscn
0.016156698	0.925636666	Sorbs1
	-	
0.01617583	0.803427106	Cxcr6
0.01617583	0.937414773	Ppm1f
	-	
0.016195841	0.708068223	Eil
	-	
0.016279219	1.243889584	Plac8
0.016279219	0.580387008	Abcf3
0.016299055	0.615107671	Slc38a1
0.016299055	0.768864531	Lpgat1
	-	
0.016303878	0.805611918	Grb14
	-	
0.016303878	0.740459384	Fads6
0.016303878	0.771003981	Zbtb18
0.016316486	0.728817446	Abt1
0.016316486	0.766763026	Cd55
	-	
0.016342551	0.825657779	Adam5
0.016352926	0.899971759	Stau2
0.016391834	0.639876854	Trak2
	-	
0.016462553	0.937748283	Lipe
	-	
0.016462553	0.711698012	Plxnd1

-		
0.016484854	1.676803276	Hist1h2bj
-		
0.016484854	0.705597662	Tkfc
-		
0.016534933	0.999983555	Six5
0.016534933	0.830304047	Eogt
0.016534933	2.613024118	Fgf21
-		
0.016540506	0.754087781	Zfp524
-		
0.016545673	0.675727443	Daam2
0.016604874	0.665137502	Tmcc3
0.016604874	0.742736638	Ndr4
-		
0.01662219	0.972936829	Rgma
-		
0.01662219	0.566032067	Rhbdf1
-		
0.01662219	0.561880724	Tnk2
0.01662219	0.823054365	Slc22a15
-		
0.016627573	0.794425287	Osbp2
0.01670867	0.648518562	A730061H03Rik
0.01670867	0.953478303	Fndc5
0.016743451	0.530452984	Med15
-		
0.016748139	0.723060815	Cyb5a
-		
0.016748139	0.505420882	Naip2
0.016748139	1.414990186	Sgca
-		
0.01676972	0.517994716	Impdh2
0.01676972	0.547781125	Top3b
0.01676972	0.685709309	Gm10518
-		
0.016904625	1.020979303	Car11
0.016907661	0.559900323	Stbd1
0.016921562	0.52349895	Fam168b
-		
0.016974217	0.517983955	Baiap2
0.016974217	1.413292663	Lmod2
0.016974217	1.439009365	Tinagl1
0.017037874	0.99321428	Pbx4
0.017037874	1.102077093	Hist1h1c
-		
0.0170838	0.581771871	Sh3bp1
0.0170838	0.522338692	Fyn
0.0170838	1.242232219	Trim54
0.0170838	1.530870395	Atp1a2

	-	
0.01711073	0.991375686	Pax7
0.01711073	2.19492634	Casq2
	-	
0.017128906	0.806757162	Csgalnact1
0.017195222	0.827348022	Zbed4
0.017196228	0.567075569	Fut4
	-	
0.017235077	0.793448659	Gm12666
0.017235077	0.578423527	Eif2b5
	-	
0.017336192	0.991764841	Sh3gl3
	-	
0.017336192	0.671286476	Wasf1
0.017336192	0.686388733	Erc2
0.017336192	0.794693354	Ildr2
0.017336192	0.80846102	Wdr37
0.017336192	1.096709255	Fhl1
	-	
0.017364713	0.802943157	Rtkn2
0.017387074	0.600972109	Trim27
0.017387074	0.622905707	Prkch
0.017387074	1.020781399	Dnm1l
	-	
0.017445605	0.637079001	Nr2f2
0.017445605	0.543513357	Abra
0.017592954	0.528865614	Lpcat1
0.017668176	-0.98215416	Cd300lb
	-	
0.017685731	0.862303458	Gm11110
0.017685731	0.670330348	Gcnt4
0.017692737	0.766766727	Sall2
	-	
0.017822822	0.936842055	Nrg1
0.017899681	0.536651459	Cltb
0.017899681	0.557801368	Ptgs1
0.017960422	0.814757136	Stard5
0.017973626	0.6491859	Epb41l4a
0.017973626	0.755342863	Arrdc4
	-	
0.017985001	0.807420075	Mvk
	-	
0.017985001	0.513963325	Nek6
0.018090168	0.51980151	Slc9a3r1
0.018095347	1.02088883	Hopx
	-	
0.018110916	0.924538737	Gprin3
	-	
0.018172545	0.829658799	Hist1h3e
0.018172545	-0.80558066	H2-Q1

-		
0.018172545	0.589097756	Gstz1
0.018172545	0.603512221	Tmem183a
0.018172545	0.743979243	Eda2r
0.018191469	0.88798394	Tmem88b
-		
0.01824594	1.105703045	Sema6b
-		
0.018383644	0.533149044	Aldh2
0.018473397	0.798166234	Samd10
-		
0.018494299	0.639117971	Mfsd3
0.018614396	0.588934058	Sox4
0.018692353	-1.08325192	4933411K16Rik
0.018692353	0.729400232	Gprc5a
0.018692353	1.108560022	Fam221a
0.018752211	0.684650601	Cdk13
-		
0.018855115	0.915342472	Ak4
0.018860517	0.695343568	L1cam
0.018887918	0.810111734	B3galnt2
-		
0.018909851	0.658308071	Enpp5
0.019023135	0.556845717	Prex1
-		
0.019057084	1.065536627	Naalad2
0.019057084	0.517367485	Txndc5
0.019088825	0.888578847	Rac3
-		
0.019233139	0.661783902	Dixdc1
0.019242859	0.80747195	Mfsd6
0.019252778	0.952577213	Cystm1
0.019252883	1.166861799	Gdi2
0.019354582	1.140277064	Ivns1abp
-		
0.019368939	0.687209763	Cdnf
0.019368939	0.708667741	Col4a3bp
0.019510945	0.698043103	Al467606
0.019510945	0.840639562	Megf10
-		
0.019547496	1.000528341	Slpi
0.019547496	0.683000312	Spin1
0.019547496	0.698340949	Rnf144b
0.019547496	0.716466484	Senp2
0.019547496	0.736065717	Vash1
0.019547496	2.026489853	Srl
0.019589503	0.71731848	Lpar2
0.019643148	1.319598904	1700093K21Rik
-		
0.019697615	1.213307359	Ccdc3

0.019856915	0.593128881	Ghitm
0.019856915	0.643311432	Pacrg
0.019856915	0.760788964	Vax2
0.019856915	1.013617564	Tcn2
0.020046924	0.681127391	Msn
0.020046924	1.066234682	Ggps1
-	-	-
0.020062153	0.617706534	Bsn
-	-	-
0.020101005	0.775135128	Ada
0.02010997	0.566860332	Serpinb6a
-	-	-
0.020141999	0.669374669	Zfp36
-	-	-
0.020160336	0.701838812	Amotl2
0.020200915	0.880819652	Crem
-	-	-
0.020202517	1.355344205	Gng8
-	-	-
0.020233409	0.552538563	Gnptg
0.020252444	0.607552312	Panx1
-	-	-
0.020257752	1.675231974	Defb41
-	-	-
0.020302586	1.197434214	Hist2h2aa1
-	-	-
0.020357204	0.785279508	Ttc7
0.020357204	0.776649817	Ufd1
0.020360331	0.658765138	Rras2
0.02052441	0.60028369	Sv2b
-	-	-
0.020630589	0.520944727	1110051M20Rik
0.020630589	0.961018408	Myh7
0.020792884	-0.91290381	A930004D18Rik
-	-	-
0.020848211	0.656903593	Jag1
-	-	-
0.021019721	0.793394452	Phf19
-	-	-
0.021090781	0.510652937	Gm6576
0.021090781	0.577956676	Scx
0.021090781	1.20231943	Igfbp5
0.021138567	0.529249985	Rrm2
0.021218788	0.777567797	Kctd9
0.021238001	0.775027603	Ece1
0.021318311	-0.53659892	Ring1
0.02133413	1.102167055	Art3
-	-	-
0.021418875	0.772101584	Amh
-	-	-
0.021418875	0.576161624	Suclg2

0.021418875	1.526139305	Smim5
0.021464681	0.60978889	Trim35
0.021482388	0.512654549	Mapk12
0.021484862	0.6298162	2810021J22Rik
0.021484862	1.11791722	BC067074
	-	
0.021509877	0.965477565	Dbp
	-	
0.02153682	0.770565163	Rcan2
0.021599169	0.73169906	Cd82
	-	
0.021604134	0.843558893	Tcf7l2
0.021604134	0.832582768	Lmbr1
0.021660821	-0.89999369	Pkdcc
0.021661697	0.795340823	Cbfb
	-	
0.021668699	0.673614821	Szt2
	-	
0.021668699	0.546959387	Ccdc107
0.021668699	1.111100116	Klhl30
0.02178916	1.117059167	Tmc3
	-	
0.021817869	1.375854114	Gm19426
	-	
0.021817869	0.864800787	Rubcnl
0.021817869	0.72068303	Arl15
0.02192144	0.852529932	Ociad2
0.022113541	1.115095578	Pcbd1
0.022169003	0.510051619	Fbxw10
0.022169003	0.763607648	Ap3m1
	-	
0.02218862	0.530992518	Pla2g6
	-	
0.022255503	0.804652297	Ahr
	-	
0.022273287	0.749874152	Pcdh18
	-	
0.022277864	0.813577017	Micall2
	-	
0.022365876	0.634841768	Nme3
	-	
0.022366755	0.529386698	Slc25a12
	-	
0.022452314	0.584651016	Dnmbp
0.022452314	0.762150624	Mterf3
	-	
0.022454669	0.815734909	A230050P20Rik
	-	
0.022454669	0.612409402	Rcor2
	-	
0.022555462	0.733684628	Dact3

0.022583198	0.736492175	Tspan2	
0.022711275	0.705552764	Alox5	
	-		
0.022807849	0.845519664	Pet2	
0.022830932	0.86334931	Gng11	
	-		
0.023178513	0.916860624	Nrp2	
	-		
0.023189933	1.022510852	Vdr	
0.023307998	0.595422545	Nebi	
0.023377044	0.828954865	Odf3l1	
	-		
0.023443842	0.711827443	Vars2	
	-		
0.023443842	0.536438182	Mpnd	
	-		
0.023570474	0.658222313	Foxo1	
	-		
0.023570474	0.584602407	Sema5a	
0.023664612	-0.59219696	Clk2	
0.023664612	0.670463654	Appl1	
0.023664612	0.854643438	Tiam1	
0.023698361	0.553755584	Slc39a6	
	-		
0.023722666	0.717618998	Ier5l	
0.023939963	-0.68367134	Adarb1	
0.023957821	0.68948571	Dip2c	
0.023957821	2.083459485	Itgb1bp2	
0.023986956	0.779071952	Mettl27	
	-		
0.023989979	0.619939062	Ccdc84	
0.024000706	0.808900715	Cntfr	
	-		
0.024006691	0.643287737		Mar-10
	-		
0.024126416	0.824212986	Pbld2	
0.024126416	0.546565134	Parvb	
	-		
0.024238554	1.047646552	Gulp1	
0.024238554	0.849831958	Msl3l2	
	-		
0.024440473	0.954134079	Ccl11	
0.024463275	-0.69747577	Foxc1	
0.024603683	0.565032616	Tmcc2	
0.024620658	0.606527777	Calml4	
	-		
0.024823833	0.805897543	Lgalsl	
	-		
0.024984553	0.550992088	Enkd1	
0.024984553	0.624218767	Rhobtb1	
0.024984553	0.700293992	Zscan26	

0.024984553	0.805748221	Sema4c
0.024984553	0.859420501	Cx3cl1
0.024986729	0.826758208	Klf6
-	-	-
0.025000263	1.769396101	Hist3h2ba
-	-	-
0.025110351	0.680945153	Adh7
0.025115727	0.658042503	Large2
0.025185739	0.595571792	Dpysl3
0.025185739	0.858397702	Tbce
-	-	-
0.025303621	0.615697648	Agap2
0.025303621	1.094322634	Serpinb2
-	-	-
0.025358854	0.605727641	Mef2b
-	-	-
0.025566326	1.451379004	Pi15
0.025615868	0.867169713	Clcn2
0.025647902	0.54453486	Mapk1ip1l
0.025788394	0.770415418	Tmem185b
-	-	-
0.025806481	0.601340826	Pced1a
-	-	-
0.025880258	0.785327806	Gpr19
0.025888753	0.876107061	Ulbp1
-	-	-
0.025986919	0.753031193	Zfp395
0.026014616	0.821683905	Gmnn
0.026162505	-0.6528249	Map3k14
-	-	-
0.026216018	0.521519681	Ager
0.026266149	0.642816579	Inha
0.026307267	0.560021248	Itgb6
-	-	-
0.026579327	0.719347925	5830411N06Rik
-	-	-
0.026579327	0.567094086	Hdac8
-	-	-
0.026579327	0.527535406	Pdpf
0.026579327	0.519920831	Crhbp
0.026579327	0.725251141	Becn1
0.026579327	0.929857154	Tmem14a
-	-	-
0.0266907	1.144844982	Ppbp
0.026729335	0.724165751	Shroom1
-	-	-
0.026749462	1.583530382	Hist2h3b
-	-	-
0.026832666	1.198693598	Sybu
-	-	-
0.026832666	0.593721808	Tnfrsf1b

0.026832666	0.543777403	Scamp1
0.026852018	0.604178543	Klf5
0.026888356	0.757196283	Cdkl2
0.026903743	-0.71326855	Atp8b3
0.026903743	0.760854702	Serf1
0.0270134	-1.08436919	4933440N22Rik
0.027018992	-0.56506164	Sipa1l1
	-	
0.027021192	0.507282887	Pkmyt1
0.027148868	0.925767875	Apod
	-	
0.027215547	0.811864185	Prag1
	-	
0.027215547	0.560304589	Lrrc45
0.027215547	0.613251258	Mmp10
0.027215547	0.729751447	Cacng1
	-	
0.02728449	1.024602893	Xdh
	-	
0.02728449	0.543133191	Psmg1
	-	
0.027401389	0.756340346	Bex2
	-	
0.027479043	0.614556204	Pigl
	-	
0.027655383	0.819465665	Ephx2
	-	
0.027750213	0.624467432	Pla2g3
0.027750213	-0.61222204	1110012L19Rik
0.027750213	-0.58414833	Msmo1
0.027750213	0.528036928	Sgcb
0.027750213	0.676907699	Dram1
0.027750213	0.740500937	Myh10
0.027750213	1.142259924	Fam131c
0.027750213	1.204562668	Sema3d
	-	
0.027806213	0.871811873	Cdca7l
	-	
0.027806213	0.723202901	Crybg1
	-	
0.027846594	0.760212212	Sesn1
	-	
0.027865441	0.667893332	Hirip3
0.027865441	0.706993458	Mfsd4b4
0.027945166	0.638277754	Tra2b
0.028069674	-0.77098959	Plxdc2
	-	
0.02815605	0.742949423	Hook2
0.02815605	1.048973587	B230219D22Rik
	-	
0.028274961	0.576600924	Haghl

	-	
0.028401488	0.570291343	Fam162a
0.028401488	2.94541241	Ckm
	-	
0.028443915	0.944031439	Fuz
0.0284831	0.520368581	Jup
0.028490898	1.36222995	Klhl40
	-	
0.028491068	0.896315353	Csf1
	-	
0.02872114	0.565146613	1190007I07Rik
	-	
0.028894202	0.871379542	Plscr4
0.028972918	0.622462312	Slc38a6
0.029002536	0.621057677	Pkp1
0.029008911	0.590006173	Abl2
0.0290879	0.530776211	Chn1
	-	
0.029290334	1.279845754	Ccl25
	-	
0.029290334	0.759497061	Acsf1
	-	
0.029681705	0.912815556	Tmem220
	-	
0.029681705	0.761675587	A4galt
0.029855787	0.667068243	Asb5
	-	
0.029866335	1.038274202	Cyp26b1
	-	
0.029888996	0.617708794	Kcnn1
0.02993078	0.685757788	Ccnd3
	-	
0.029972182	0.616988405	Inafm1
	-	
0.029972182	0.559030375	Itpr1
0.029972182	0.587577546	Tor1aip2
	-	
0.029983376	1.269177538	Hgf
0.030117886	0.990749558	Ddc
0.030149232	0.89542558	0610010F05Rik
	-	
0.030166511	0.585690761	Mapk8ip3
	-	
0.030290921	1.005972991	Greb1
	-	
0.030290921	0.587137728	Morn2
0.030295747	2.32873011	Mymk
	-	
0.030430158	0.511076696	Tm6sf2
0.030430158	0.542623199	Tnc

	-	
0.030457798	0.574313528	Plekhh3
	-	
0.030485538	0.831217931	Pkn3
	-	
0.030653665	0.800234544	Ubxn11
	-	
0.030734498	1.109826566	Hist1h4b
	-	
0.030734498	0.768020056	Serhl
0.030734498	-0.63975874	Fgf10
0.030763659	0.734949181	Gch1
0.030853475	0.720022996	Kcnk7
	-	
0.03085649	0.931921129	Glis1
	-	
0.03085649	0.569081747	Lbx1
0.03085649	0.55682632	Tm9sf2
0.03085649	0.705003886	Ube2w
0.03085649	0.951878889	Usp1
0.030951854	0.604712343	Rsp1
0.030951854	1.071591438	Prr9
0.030965788	0.702129452	Srek1ip1
	-	
0.03107072	0.628215179	Vgll2
0.03107072	0.616552348	Fbxo34
	-	
0.031088669	0.619004957	Pnkp
	-	
0.031162862	0.612658259	Irf2
0.031162862	0.52813653	Ywhaq
0.031295738	0.630414579	Clic4
	-	
0.031318844	0.562242217	Stard9
0.031415128	0.600915433	Ttc9
0.031586943	0.597753842	Ccnb1
	-	
0.031625627	0.628564168	Rin2
0.031625627	0.559242637	Adora1
0.031688233	0.767003136	Ankrd1
	-	
0.03172697	0.730762453	Hmox1
	-	
0.032108354	0.588784303	Map3k6
	-	
0.032111245	0.577185771	Phlpp1
0.032159877	0.851186192	Qrfp
	-	
0.032585993	0.646280374	Kcnmb4
	-	
0.032585993	0.509807241	Adck5

0.032629186	0.706857372	Mfap3l
0.032629186	0.750677584	Pbk
0.032629186	1.058614089	Tmem182
-	-	-
0.032744989	0.556217121	Pdzrn3
-	-	-
0.032856479	0.612229875	Pnrc1
-	-	-
0.032871985	1.669136819	Lgals2
0.032877254	-1.34732056	Ngfr
-	-	-
0.032894758	0.576189301	Mus81
0.032894758	0.691848861	Dgcr14
-	-	-
0.033020878	0.537936367	Eid1
0.033020878	0.562574955	Mrs2
-	-	-
0.033137252	0.782233065	Gngt2
-	-	-
0.033137252	0.775789587	Ebf1
-	-	-
0.033137252	0.750925574	Cped1
0.033137252	0.928132702	Purb
0.033137252	1.436748755	Gprc5c
0.033137252	2.018464778	Tnnt3
0.03314428	0.653424187	Mier3
-	-	-
0.033164451	0.788267875	Rgs4
0.033164451	0.543449032	Dusp8
0.033172242	0.510983586	Zfp521
-	-	-
0.033215969	0.633883255	Galk2
-	-	-
0.033329245	0.671802527	Pcp4
0.033330154	1.026131844	Syt12
-	-	-
0.033332059	0.654375469	Spsb4
-	-	-
0.033375138	0.600806421	Zfand1
0.033375138	0.52420311	Cercam
0.033375138	0.557950283	Atf6
0.033375138	0.588947386	Rusc1
0.033375138	1.199124823	St6gal1
0.033428759	-0.84435653	Podnl1
-	-	-
0.033428759	0.828463586	Ppp3ca
-	-	-
0.033428759	0.778427762	Dtd1
-	-	-
0.033428759	0.681708987	Med26

	-	
0.033428759	0.558499636	Agfg2
0.033428759	1.659390987	Tnni2
	-	
0.033546415	0.935719124	Tlr2
0.033559716	0.831451307	Sema4f
0.033563339	0.619562321	Mtmr9
0.033578021	0.772742817	Gdpd5
0.033685571	0.681115526	Pdzd4
0.033690285	0.506496468	Cst6
0.034064128	0.825012635	Slc25a23
0.034145738	0.923717875	Fst
	-	
0.034186077	0.753158883	Gm42688
	-	
0.034208096	0.754944737	Mnd1
	-	
0.034208096	0.668569151	Camk1d
	-	
0.034208096	0.596172789	Col17a1
	-	
0.034213854	0.516700553	Nsdhl
	-	
0.034356272	0.650831789	Fnbp1
	-	
0.03441162	2.057574218	Immp2l
	-	
0.034532105	0.605993853	Mtcl1
0.034532105	0.600768474	Sync
0.034532105	0.680695243	Kansl1l
0.034532105	0.875116975	F8
0.034653293	0.813385954	Ddhd1
	-	
0.034766285	1.343930964	Hist1h2al
0.034766285	0.714558781	P2rx7
0.034766285	1.212649815	Nrarp
0.034805222	0.593746684	Cyb5r1
	-	
0.03488923	0.777441104	E430018J23Rik
0.034892027	-0.54323599	S100a13
	-	
0.03505273	0.608868709	Rorc
0.035085936	0.533596317	Dnajb9
	-	
0.035110601	0.828565511	Tpcn2
0.035148405	0.802759981	Mrpl32
	-	
0.03528132	0.685240603	Pex6
0.03528132	-0.63563627	Gap43
	-	
0.035373531	0.577656522	Zbtb12

0.03537433	0.602267143	Nfatc4
0.035384921	-0.52738029	4930426L09Rik
	-	
0.035429399	0.959030851	Guca1a
	-	
0.035429399	0.734928485	Gm28305
	-	
0.035429399	0.561025445	Hddc2
0.035487486	1.089544319	Hist1h2bc
	-	
0.035572635	0.526480497	Trim21
0.035596437	0.695115209	Ltbp2
0.035596437	1.399180769	Srpk3
	-	
0.035710972	0.767364079	Capn3
0.035789371	0.627203579	Peg12
0.035789371	0.660163778	Spidr
0.035789371	0.717091514	Map1b
	-	
0.035825678	0.791325977	Setmar
	-	
0.035825678	0.565609006	Magi1
0.035825678	1.480289797	Cobl
0.03583837	-0.59431429	Dxo
0.036127071	0.86526872	Tmem171
0.036398962	0.608439185	Pcmt1
0.036404426	0.561103395	Cdh2
0.036404426	1.283535657	Hrc
	-	
0.036477228	0.880389216	Arsj
0.03659875	2.217105202	Atp2a1
	-	
0.036682194	1.450787974	Ranbp3l
0.036951611	0.570226	Gli3
	-	
0.036998516	0.593494101	Nfatc1
	-	
0.037274806	1.486596804	Hist1h2bk
	-	
0.037472176	0.778718342	Hist1h3b
0.037504716	0.549769988	Wfs1
	-	
0.037509702	0.619921393	Ptpm
0.037509702	0.612529311	Baiap2l1
0.037533415	0.605166316	Irf5
0.037533415	0.608679979	Zfp664
0.037533415	0.719667409	Cacnb1
0.037533415	1.423895941	Pgam2
	-	
0.037544608	1.239038581	Dnm3

	-	
0.037544608	0.654243613	Efna5
0.037544608	0.611447879	Sspn
0.037544608	0.654843689	Lrrc8b
0.037544608	0.752222925	Mtmr6
0.037544608	0.974785853	Kcnq4
0.037544608	1.023923145	Tmem47
	-	
0.037600154	1.049960535	Calcr1
0.037600154	-0.72966542	Snai1
0.037600154	0.757769836	Arvcf
0.037600154	0.769966648	Cdon
0.037600154	0.839680951	Akr1c13
0.037600154	0.975971418	Chil5
	-	
0.037604742	0.553593079	Apol7a
	-	
0.038132415	0.583323558	Cntrob
	-	
0.038300733	0.687154087	Mrnip
	-	
0.038300733	0.561323869	Plcb1
0.038300733	0.553295067	Gatm
0.038300733	1.170353919	Ttn
	-	
0.038608918	0.666093716	Nrbp2
	-	
0.038614391	0.527381423	Nthl1
	-	
0.038673459	0.565891744	Ptpn
	-	
0.038722801	0.723458463	Ppp1r15a
0.038739722	0.63387881	Tspan7
	-	
0.038861461	0.807743449	Gm2016
0.039045948	0.805816482	Atp6v0e2
0.039050423	0.829644092	B3galnt1
0.039101099	1.273025247	Mlf1
0.039184238	0.55043056	Klf10
	-	
0.039283572	0.667835089	Cyp2d22
0.039336891	0.573789144	Jmy
0.039336891	0.716162577	Lman1l
0.039418858	0.683367914	Bend6
	-	
0.039483056	0.836994928	Dcxr
	-	
0.039809301	1.050879865	Inca1
	-	
0.039822512	0.896861738	Qpct

	-	
0.039832475	0.761191371	Ssc4d
	-	
0.039832475	0.601745429	Eng
	-	
0.039832475	0.590947172	Pnpla7
0.039863869	0.516236044	Smad2
0.040074899	0.583483553	Ttc30a1
0.040084741	0.54088378	Rhod
	-	
0.040149047	0.642196666	Ccdc159
	-	
0.040206598	1.399337805	Gm10269
	-	
0.040206598	0.711092853	Col4a5
	-	
0.040206598	0.582886655	Fam129a
	-	
0.040206598	0.508967605	Ltbp3
0.040206598	0.544450037	Slc20a1
0.040206598	0.785208969	Fam89a
0.040206598	1.439399953	Tnnt1
0.040213874	0.919262996	Sorcs2
0.040213874	0.968101296	Pkia
	-	
0.040273819	0.854293511	Cd302
	-	
0.040273819	0.722231064	Sat2
0.040288683	0.511248551	Cab39
0.040288683	0.559099803	Zfp354c
0.040344185	0.709977357	Mar-03
	-	
0.040511932	0.806949531	Gemin8
0.040511932	0.813680243	Itgb1
0.040615199	0.916107282	Pdgfb
0.040719263	0.850477253	Clcn5
0.040807963	0.784738517	Fbxl3
	-	
0.040821468	0.662131218	Ank2
	-	
0.040857565	0.852595007	Hist1h3c
0.041220722	0.536822099	Pitrm1
	-	
0.041233998	0.611568422	Bcl9l
	-	
0.041247561	0.505756007	Slc45a4
0.041359893	0.674787845	Ccdc80
	-	
0.041367644	0.645118203	Jam3
	-	
0.041392804	0.670784375	Mast3

0.041392804	1.038371593	Dapk2
0.041586637	0.895726167	Gtpbp4
	-	
0.041586826	0.578355128	Bnip3
	-	
0.041586826	0.539672052	Pth1r
	-	
0.041621646	0.666275291	Hfe
	-	
0.04165233	0.583499986	Prx
0.04165233	0.734467748	Slmap
0.041995525	0.517118384	Rel1
0.041995525	0.628799622	Zbtb42
0.041995525	0.7528522	Cnot6l
0.041995525	1.108803714	Fbxo2
0.042021678	0.661521492	Pnrc2
0.042112117	0.753031288	Tspan15
0.04213694	0.886259892	Inhba
0.042235083	0.814591463	Rbm3
	-	
0.042240468	0.586109638	Dnase2a
	-	
0.042240468	0.536933704	Maoa
0.042240468	0.928560762	Ptprf
0.042483467	-1.43161567	Tnfrsf9
0.042483467	0.771627721	Tgfa
	-	
0.042711144	0.715922289	P3h2
	-	
0.042790643	0.588928376	Dctd
0.042939812	0.579063895	Vash2
0.042939812	0.614631909	Akap12
	-	
0.042994469	0.608767217	Cabp7
0.042994469	0.541200152	Myf6
0.043138698	0.517931206	Zcchc18
0.043230944	0.520173422	Dnajc15
0.043230944	0.662030111	2510002D24Rik
0.043347832	0.589421321	Ccdc25
0.043396154	0.682053726	Notch1
	-	
0.043480185	0.826895287	Syt5
0.043480185	-0.54324777	Cmc2
0.043616033	0.683994374	Capn7
0.043901367	1.456713514	Nmrk2
	-	
0.043998118	0.594728423	F2rl2
0.044023256	0.529514387	Slc44a2
0.044037479	0.760499022	Enho
0.044192502	0.659563424	Amigo2

0.044374288	0.525916856	Rabif
0.044444334	0.553669614	Cetn3
0.044461566	0.578959989	Pkp2
0.044478908	0.529095877	Armcx3
-		
0.044490697	0.526164098	Coq3
0.044490697	0.527517868	Rtn4
0.04472864	0.580748456	Pi4ka
-		
0.045357832	0.515892929	Pdxk
-		
0.045503603	0.623138083	Adck2
0.045532204	1.038063181	Cnn1
-		
0.045583361	0.732878784	Rab6b
0.045583361	0.742457496	Aldh5a1
0.045849516	0.604393936	Slf1
-		
0.045994076	1.013613395	1700037C18Rik
0.046220092	0.526457508	Hs2st1
-		
0.046251744	0.603251791	Poll
0.046251994	0.504576742	Sox11
0.046251994	0.550245705	Cdc14b
0.046251994	0.750015333	Hist1h4i
0.046251994	1.02284227	Nxf3
0.046339477	0.687066514	Ubxn2a
-		
0.046497915	0.840909838	Zfp36l1
-		
0.046497915	0.593507574	Ntpcr
-		
0.046497915	0.558074851	Dalrd3
-		
0.046497915	0.542247977	Ganc
0.046497915	1.045124349	Xaf1
-		
0.046589581	0.682936849	Zfp444
-		
0.04659998	0.732579433	H2-T23
-		
0.046630038	0.626762981	Ccdc163
-		
0.046635198	0.750437575	Pip5k1b
0.046635198	0.726630353	Raph1
-		
0.046646004	0.887071426	Tfap2a
-		
0.046833966	0.607719012	Dock6
0.046833966	0.591253824	Trim13
0.046887903	0.780003302	Ppfia4

	-	
0.046945703	0.670956033	Grk5
	-	
0.047256408	0.647099497	Camkmt
	-	
0.047256408	0.595062141	Rhof
	-	
0.04730965	0.621719261	Adcy3
	-	
0.04730965	0.537057851	Polr3gl
	-	
0.047373199	0.631340299	Ephx1
	-	
0.047373199	0.507486893	Sesn2
0.047373199	0.510215553	Slc7a1
0.047373199	1.114441337	Prrg4
	-	
0.047673364	0.565022988	Loxl4
0.047673364	0.520047417	Npr1
0.047698899	0.644034243	Cpeb1
0.047756249	0.967352088	Milr1
0.047861298	0.943378522	Arpp21
	-	
0.047873909	0.842834729	Rbks
	-	
0.048044383	0.547536978	Reck
0.04804583	0.595647098	Kif1b
0.048055655	0.615252889	Sucla2
	-	
0.048066661	0.521861905	Ptrh1
0.048125202	0.675931326	Gpc1
0.048242135	1.803228733	Hfe2
	-	
0.048302384	0.738693161	Triqk
	-	
0.048302384	0.565806694	Nudt22
0.048493853	0.637677645	Lmo1
	-	
0.0485052	0.772265876	Elovl3
	-	
0.048536236	0.622150385	Cfh
0.048536236	0.763092469	Nox4
	-	
0.04868944	0.827668713	C4b
0.04868944	0.588633725	Rab6a
0.048926754	0.776894789	Pdlim3
0.049192336	0.744401001	Zbtb33
0.049290119	0.64697717	Nuak2
0.049544885	0.67361007	Agap1
0.049833188	0.678545383	Mid2

	-	
0.049948591	0.618579275	Gm9920
	-	
0.050051346	0.740037923	Rapgef3