

**24 Hours**

Affymetrix Probe ID	Gene Symbol	<u>P-</u>		<u>I+S</u>		<u>P+LS</u>		<u>P+TS</u>	
		Log FC	p-Value	Log FC	p-Value	Log FC	p-Value	Log FC	p-Value
10700274	---	0.003130	0.9999	-0.126529	0.9489	-0.293918	0.8873	-0.879392	0.0427
10700317	---	-0.130530	0.9999	-0.265288	0.5488	-0.358886	0.4639	-0.974054	0.0005
10700503	---	-0.093346	0.9999	-0.354938	0.5194	-0.373013	0.6683	-0.721404	0.0341
10700530	---	-0.676758	0.9999	-0.842870	0.0410	-0.804821	0.1183	-0.609720	0.1638
10700531	---	-0.086122	0.9999	-0.086914	0.9172	-0.176452	0.8095	-0.461676	0.0255
10700615	---	0.012260	0.9999	-0.200385	0.8207	-0.225054	0.8790	-0.648616	0.0442
10700667	---	0.001728	0.9999	0.513171	0.0124	0.295644	0.4212	0.297144	0.1895
10700723	---	-0.023576	0.9999	-0.223822	0.4024	-0.266822	0.4153	-0.407600	0.0299
10701019	---	0.342535	0.9999	0.510831	0.2938	0.713755	0.1505	0.850229	0.0235
10701087	---	0.217405	0.9999	-0.022435	0.9875	0.165651	0.9275	0.625540	0.0324
10701250	---	-0.157462	0.9999	-0.207857	0.8910	-0.441014	0.6997	-0.932292	0.0272
10701334	---	-0.160930	0.9999	-0.057787	0.9420	-0.258667	0.4230	-0.452496	0.0143
10701504	---	0.394116	0.9999	0.237656	0.7859	0.241810	0.8796	0.687115	0.0484
10701615	---	-0.128610	0.9999	-0.211150	0.8350	-0.292517	0.8239	-0.848907	0.0174
10701802	Plag1	0.079558	0.9999	-1.307579	0.0004	-0.915903	0.0335	-0.324598	0.5294
10701817	Fuca2	0.091724	0.9999	-1.223906	0.0073	-0.522620	0.6562	-0.118030	0.9066
10701846	Cited2	-0.027654	0.9999	0.890592	0.0018	0.678369	0.0529	0.379257	0.2596
10702096	Lama2	0.182332	0.9999	-0.944792	0.0380	-0.373551	0.8219	-0.156096	0.8596
10702165	L3mbtl3	-0.059385	0.9999	0.648356	0.0604	0.623696	0.1614	0.842752	0.0122
10702201	Akap7	-0.023239	0.9999	-0.434466	0.0329	-0.327282	0.2829	-0.274467	0.2190
10702224	Enpp3	0.141165	0.9999	-1.795581	0.0001	-1.295241	0.0136	-1.072115	0.0230
10702286	Rps12	-0.144633	0.9999	0.020439	0.9880	-0.133209	0.9467	-0.642450	0.0284
10702306	Tcf21	0.225669	0.9999	-1.314383	0.0020	-1.313251	0.0070	-1.329840	0.0038
10703189	Mllt4	0.082701	0.9999	0.308558	0.3936	0.327811	0.5271	0.535448	0.0355
10703310	Smoc2	-0.045438	0.9999	-1.095729	0.0109	-0.145612	0.9614	0.322531	0.6168
10703375	Rpl35a	-0.130089	0.9999	0.050046	0.9641	-0.177230	0.8255	-0.736466	0.0011
10703818	Zfp418	0.035085	0.9999	0.349533	0.6082	0.571751	0.3446	0.917440	0.0157
10703953	Il11	-0.224483	0.9999	1.202094	0.0476	1.931549	0.0021	0.980504	0.1156
10704084	Ppp1r12c	0.038375	0.9999	0.310722	0.0378	0.167697	0.6431	0.128465	0.5173
10704198	RGD1564617	-0.080123	0.9999	-0.021816	0.9861	-0.283387	0.6727	-0.561038	0.0312
10704242	Rps5	-0.054770	0.9999	0.008953	0.9888	-0.090607	0.8948	-0.274783	0.0472
10704411	Rps19	-0.163452	0.9999	0.093113	0.9312	-0.149127	0.9229	-0.541122	0.0342
10704499	Ap2s1	-0.014845	0.9999	-0.229990	0.3234	-0.258386	0.3835	-0.389037	0.0269
10704505	Slc1a5	0.060539	0.9999	-0.613269	0.1005	-0.504926	0.3890	-0.704324	0.0418
10704794	Rtn2	0.046335	0.9999	0.278493	0.0861	0.332851	0.0705	0.442639	0.0045
10704808	Ercc1	0.056730	0.9999	0.630360	0.0124	0.714649	0.0119	0.461577	0.0781
10704819	LOC686781	0.007975	0.9999	0.661033	0.0048	0.466119	0.1444	0.215475	0.5077
10704895	Zfp180	-0.002439	0.9999	0.374057	0.0424	0.304446	0.2509	0.311302	0.0979
10705032	---	0.341260	0.9999	0.239658	0.4345	0.268711	0.5242	0.452002	0.0300
10705058	Rps19	-0.182830	0.9999	0.096884	0.9307	-0.169959	0.9017	-0.580181	0.0286
10705618	Hnrnpl	0.117081	0.9999	-0.220199	0.2802	-0.213423	0.4876	-0.373689	0.0201
10705631	Ech1	0.272717	0.9999	-0.013993	0.9907	0.226660	0.8215	0.562193	0.0385
10706219	Rpl27a	-0.097020	0.9999	0.061683	0.9661	-0.189913	0.8857	-0.675530	0.0170
10706545	Syt3	0.070071	0.9999	0.046813	0.9236	0.217348	0.1747	0.293966	0.0143

10706852	Plekha4	-0.042437	0.9999	-0.279870	0.0892	-0.216587	0.4293	-0.311134	0.0435
10706884	Bcat2	0.075476	0.9999	-0.469287	0.0225	-0.201824	0.7462	-0.116551	0.7342
10707386	Rhoq	-0.131577	0.9999	0.489350	0.0442	0.436557	0.1770	0.328288	0.2104
10707707	Mtmr10	0.041543	0.9999	0.243053	0.5581	0.299625	0.5730	0.481789	0.0498
10707824	Sels	-0.076969	0.9999	-0.221873	0.4754	-0.201952	0.7284	-0.406119	0.0448
10708247	Alpk3	-0.083397	0.9999	0.372246	0.1228	0.372295	0.2383	0.473647	0.0307
10708687	Fam181b	0.340701	0.9999	-0.002794	0.9993	0.662267	0.3452	1.036433	0.0184
10708695	Odz4	-0.062784	0.9999	-0.359608	0.0139	-0.196558	0.4997	-0.111704	0.6060
10709020	Pgm211	0.158174	0.9999	0.689250	0.0221	0.741605	0.0311	0.801445	0.0096
10709048	C2cd3	0.072252	0.9999	0.122872	0.8603	0.235156	0.6920	0.457030	0.0400
10709093	Ucp2	0.334807	0.9999	0.171187	0.7831	0.457790	0.1703	0.607357	0.0158
10709157	Stard10	0.057432	0.9999	-0.187051	0.6279	0.225839	0.6698	0.424303	0.0402
10709347	Stim1	0.300237	0.9999	-0.592816	0.0036	-0.280778	0.5008	-0.090614	0.8146
10709644	---	0.151318	0.9999	0.461236	0.0287	0.074546	0.9591	0.388207	0.0705
10709779	Rpl27a	-0.080420	0.9999	0.045520	0.9753	-0.157507	0.9124	-0.608491	0.0194
10709788	RGD1306959	-0.475698	0.9999	0.727666	0.0366	0.262836	0.8550	0.135023	0.8325
10710067	Spon1	-0.055940	0.9999	-1.100424	0.0221	-1.138764	0.0440	-0.505562	0.3988
10710695	Tnrc6a	0.101836	0.9999	0.501241	0.0237	0.507211	0.0529	0.548778	0.0155
10710771	Rps15a	-0.130459	0.9999	0.117617	0.9411	-0.142794	0.9562	-0.840612	0.0206
10710782	Il4ra	0.067757	0.9999	-0.608815	0.0194	-0.436590	0.2619	-0.344632	0.2449
10711401	Bag3	0.172665	0.9999	0.551625	0.0170	0.454528	0.1333	0.543045	0.0206
10711566	Htra1	0.036647	0.9999	-0.667265	0.0148	-0.487901	0.2095	-0.563520	0.0427
10711733	---	0.084500	0.9999	0.423021	0.0787	0.448805	0.1216	0.500195	0.0285
10711791	Dock1	0.091511	0.9999	-0.569671	0.0382	-0.365451	0.4777	-0.302189	0.3531
10712171	Ifitm1	-0.026305	0.9999	-1.583657	0.0013	-1.427511	0.0125	-1.729727	0.0012
10712245	Phrf1	0.038832	0.9999	0.089093	0.8709	0.112343	0.8880	0.358912	0.0308
10712517	Cd81	0.064870	0.9999	0.139960	0.3909	0.126977	0.6661	0.239907	0.0372
10712935	Ctsf	0.117559	0.9999	0.179738	0.7087	0.547975	0.0307	0.534009	0.0187
10713061	Efemp2	0.009344	0.9999	-0.758185	0.0243	-0.585769	0.2248	-0.684912	0.0436
10713176	Fau	-0.060270	0.9999	-0.041350	0.9561	-0.054700	0.9606	-0.334763	0.0347
10714020	Ms4a11	-0.036653	0.9999	-0.355565	0.0323	-0.211191	0.5289	-0.200981	0.2899
10714080	Osbp	-0.008208	0.9999	0.297072	0.0460	0.316205	0.0721	0.331174	0.0228
10714323	Aldh1a1	0.386311	0.9999	-0.304320	0.7719	0.491506	0.6326	1.088194	0.0116
10714505	Kank1	-0.191568	0.9999	0.691558	0.0007	0.464462	0.0660	0.274235	0.2461
10714667	Jak2	0.134370	0.9999	-0.744311	0.0185	-0.476687	0.3709	-0.155069	0.7811
10714709	RGD1310016	0.071520	0.9999	0.346302	0.2443	0.449028	0.1667	0.538133	0.0259
10714818	Paps2	0.049498	0.9999	-0.071454	0.9560	0.513169	0.1617	0.573652	0.0359
10714907	Ifit1	-0.220988	0.9999	-0.550164	0.0125	-0.696526	0.0032	-0.654852	0.0043
10715400	Pyroxd2	0.014440	0.9999	-0.995789	0.0003	-0.709397	0.0248	-0.331401	0.3127
10715667	Kazald1	-0.007681	0.9999	-0.703131	0.0350	-0.459884	0.4383	-0.589809	0.0810
10715825	Sufu	0.038170	0.9999	0.561138	0.0100	0.538265	0.0328	0.593455	0.0088
10716064	Mxi1	0.228562	0.9999	0.148177	0.7681	0.441768	0.0763	0.544800	0.0095
10716085	Rps12	-0.124956	0.9999	0.027277	0.9861	-0.120109	0.9571	-0.721065	0.0288
10716785	Rab32	0.053844	0.9999	-0.727675	0.0353	-0.586995	0.2277	-0.462833	0.2198
10716896	Phactr2	0.086672	0.9999	-0.825961	0.0030	-0.412352	0.4218	-0.156398	0.7495
10716984	Heca	-0.010832	0.9999	0.564365	0.0048	0.475035	0.0526	0.379548	0.0737
10716990	LOC685045	-0.185932	0.9999	-0.021954	0.9889	-0.183420	0.9380	-0.681174	0.0500

10717118	Ptprk	0.325899	0.9999	-0.964818	0.0144	-0.303349	0.8583	0.142366	0.8553
10717233	Ctgf	-0.727803	0.9999	1.092338	0.0380	1.044032	0.1114	0.636685	0.2850
10717331	Sgk1	0.233899	0.9999	-1.027234	0.0003	-0.364313	0.5354	-0.207660	0.6253
10717434	Rpl26	-0.129470	0.9999	0.033490	0.9790	-0.090853	0.9562	-0.519470	0.0342
10717488	Slc12a7	-0.094832	0.9999	0.483671	0.0268	0.279030	0.5325	0.329447	0.1624
10717779	Fbxo5	-0.167539	0.9999	-1.153011	0.0809	-0.894744	0.4075	-1.371100	0.0284
10717865	Serac1	0.086756	0.9999	0.044190	0.9637	0.166921	0.7957	0.393292	0.0363
10718199	LOC679206	-0.158073	0.9999	0.719396	0.0375	0.441322	0.5239	0.049107	0.9533
10718208	Dact2	-0.179956	0.9999	0.601873	0.0378	0.380205	0.4915	0.273322	0.4552
10718647	RGD1308782	-0.062288	0.9999	0.194833	0.5932	0.177196	0.8039	0.437466	0.0324
10718696	Znf667	0.030998	0.9999	-0.048940	0.9496	0.037722	0.9746	0.467967	0.0070
10719204	Ehd2	0.072401	0.9999	-0.806000	0.0008	-0.504847	0.1106	-0.354902	0.1930
10719654	Zfp94	0.069584	0.9999	0.222306	0.4572	0.260836	0.5029	0.462837	0.0201
10719829	Lipe	0.066316	0.9999	0.221346	0.5766	0.336198	0.3811	0.691306	0.0030
10720166	Supt5h	0.176460	0.9999	0.304032	0.1261	0.384426	0.0770	0.531048	0.0038
10720215	Zfp36	0.048397	0.9999	-0.317191	0.3053	-0.377243	0.2978	-0.528318	0.0258
10720522	RGD1564344	0.061771	0.9999	0.121296	0.6659	0.131534	0.7630	0.319091	0.0235
10720533	Zfp74	0.123225	0.9999	-0.128972	0.9025	0.090116	0.9616	0.611258	0.0306
10720539	LOC499124	0.173132	0.9999	0.136758	0.8088	-0.014304	0.9955	0.479309	0.0232
10720648	Lin37	0.056207	0.9999	0.387850	0.0943	0.359473	0.2570	0.491463	0.0227
10720918	Gramd1a	0.140085	0.9999	-0.047969	0.9587	0.168651	0.8033	0.427864	0.0284
10721641	Rcn3	0.012114	0.9999	-0.664934	0.0124	-0.218972	0.8351	-0.528094	0.0518
10722549	Klf13	0.181605	0.9999	0.154458	0.6747	0.327190	0.1881	0.446328	0.0155
10722903	Mfge8	-0.106813	0.9999	0.409485	0.0215	0.190042	0.6920	-0.031371	0.9415
10723020	Idh2	0.095120	0.9999	-0.538429	0.0290	-0.226477	0.7727	-0.098977	0.8279
10723131	Blm	0.107665	0.9999	-0.186529	0.3416	-0.303501	0.0896	-0.307057	0.0343
10723233	Rps17	-0.163096	0.9999	0.010141	0.9945	-0.135290	0.9482	-0.850808	0.0068
10723982	Mrpl48	-0.110581	0.9999	-0.202636	0.7692	-0.303524	0.6798	-0.587525	0.0368
10724131	Il18bp	0.146802	0.9999	-0.765962	0.0001	-0.512875	0.0233	-0.411689	0.0405
10724311	Hbb // Hbb	0.226697	0.9999	-1.282289	0.0153	0.312140	0.9229	-0.369914	0.6479
10724315	Hbb	0.290563	0.9999	-1.449674	0.0179	0.423050	0.8844	-0.407020	0.6715
10724319	MGC72973	0.303511	0.9999	-1.609977	0.0086	0.255465	0.9546	-0.568491	0.4934
10724745	St5	-0.040935	0.9999	-0.211232	0.5655	-0.499346	0.0454	-0.599881	0.0064
10724819	Dennd5a	0.030654	0.9999	0.242526	0.1972	0.280425	0.2067	0.337015	0.0341
10724950	Galnt14	-0.066530	0.9999	0.226987	0.5932	0.380309	0.2959	0.518622	0.0300
10724967	Dkk3	0.228566	0.9999	-0.819454	0.0057	-0.067399	0.9748	0.391163	0.2611
10725105	Rps13	-0.080353	0.9999	0.054198	0.9767	-0.184068	0.9417	-0.779131	0.0317
10725159	Rps15a	-0.147208	0.9999	0.116946	0.9403	-0.127719	0.9584	-0.862086	0.0161
10725235	Syt17	0.085357	0.9999	0.363512	0.1312	0.468713	0.0728	0.516692	0.0185
10725279	Gprc5b	0.134052	0.9999	0.221349	0.5575	0.372669	0.2497	0.459334	0.0377
10725445	Gga2	0.228709	0.9999	-0.400988	0.0090	-0.162666	0.7053	-0.047085	0.8851
10726118	---	-0.033762	0.9999	-0.172758	0.6564	0.067916	0.9606	0.419873	0.0341
10726611	Echs1	0.034146	0.9999	-0.601735	0.0393	-0.287848	0.7284	-0.375682	0.2449
10726650	Rpl9	-0.118150	0.9999	-0.021923	0.9767	-0.067173	0.9436	-0.305697	0.0265
10726679	Ifitm2	0.044497	0.9999	-0.690309	0.0048	-0.458909	0.1872	-0.516336	0.0426
10726682	Ifitm3	0.025097	0.9999	-1.442129	0.0000	-0.902157	0.0032	-0.742942	0.0111
10726758	Irf7	-0.288167	0.9999	-0.771656	0.0016	-0.900577	0.0007	-0.715098	0.0064

10726929	Dusp8	-0.635968	0.9999	1.023213	0.0415	0.775298	0.3148	0.500283	0.4187
10727056	Cdkn1c	0.116889	0.9999	-0.017189	0.9887	0.267865	0.7027	0.568255	0.0277
10727462	Rpl35a	-0.131338	0.9999	0.055435	0.9590	-0.173201	0.8557	-0.745314	0.0015
10727740	Klc2	0.128864	0.9999	0.460454	0.0154	0.293645	0.3457	0.481201	0.0136
10727977	Ehbp111	-0.127851	0.9999	0.695320	0.0007	0.441478	0.0897	0.214309	0.4187
10728060	Pola2	-0.010085	0.9999	-0.623380	0.0144	-0.557713	0.0728	-0.556469	0.0315
10728164	Ppp2r5b	-0.043704	0.9999	0.580431	0.0002	0.446947	0.0117	0.312975	0.0514
10728425	Rtn3	0.100267	0.9999	0.097010	0.5909	0.074023	0.8697	0.251507	0.0143
10729009	Dtx4	0.120338	0.9999	-0.861629	0.0004	-0.661102	0.0190	-0.728779	0.0045
10729269	Anxa1	0.007579	0.9999	-0.669242	0.0434	-0.573661	0.2067	-1.030703	0.0021
10729314	Gda	0.034664	0.9999	-1.663723	0.0048	-1.209630	0.1200	-0.920818	0.1623
10729552	---	-0.060484	0.9999	0.399495	0.2478	0.663848	0.0402	0.361554	0.2503
10729777	Ch25h	-0.153862	0.9999	-1.027372	0.0029	-0.742859	0.0963	-0.787483	0.0293
10729852	---	-0.184590	0.9999	0.096081	0.9299	-0.191632	0.8678	-0.554134	0.0331
10730342	Ubt1	-0.106937	0.9999	0.426252	0.0396	0.314480	0.3358	0.138105	0.6573
10730610	---	-0.145873	0.9999	0.752038	0.0411	0.509242	0.4313	0.419794	0.3256
10730855	Mxi1	0.230173	0.9999	0.126193	0.8256	0.425155	0.0924	0.532328	0.0104
10730869	Add3	0.182321	0.9999	-0.780124	0.0002	-0.576080	0.0133	-0.270171	0.2503
10730895	LOC682679	-0.104847	0.9999	0.002283	0.9992	-0.293466	0.7718	-0.677888	0.0332
10730898	Gpam	0.328454	0.9999	-0.265435	0.6626	0.303380	0.7352	0.607567	0.0491
10730954	Nrap	-0.195675	0.9999	0.750326	0.0008	0.689472	0.0070	0.656899	0.0064
10730999	Dclre1a	0.075252	0.9999	0.196450	0.6859	0.179228	0.8577	0.546169	0.0208
10731009	RGD1307158	0.114766	0.9999	0.358196	0.3653	0.392101	0.4627	0.677738	0.0190
10731130	Pdzd8	0.049217	0.9999	0.231622	0.3278	0.137145	0.8519	0.420795	0.0190
10731729	Rpl37a	-0.088960	0.9999	0.020423	0.9840	-0.100010	0.9443	-0.413920	0.0449
10732068	Dci	0.001076	0.9999	-0.545635	0.0191	-0.189447	0.8403	-0.078305	0.8676
10732649	Nkx2-5	0.061306	0.9999	0.299240	0.2335	0.205842	0.7284	0.457571	0.0265
10732652	Dusp1	-0.426389	0.9999	0.797243	0.0185	0.703951	0.0975	0.733105	0.0322
10732821	Rpl32	-0.082357	0.9999	0.033043	0.9705	-0.083140	0.9433	-0.404537	0.0183
10733004	---	-0.061694	0.9999	0.741109	0.0080	0.573054	0.1166	0.104289	0.8512
10733056	Ifi47	-0.060046	0.9999	-0.575418	0.0469	-0.391860	0.4478	-0.439031	0.1459
10733063	Rpl31	-0.078217	0.9999	0.062163	0.9659	-0.094223	0.9609	-0.705453	0.0123
10733195	Tbc1d9b	0.192542	0.9999	0.095917	0.8709	0.144897	0.8348	0.445210	0.0136
10733218	RGD1564036	0.078114	0.9999	0.364052	0.0221	0.241225	0.3664	0.049951	0.8789
10733225	Mgat4b	0.149987	0.9999	0.410668	0.0367	0.456942	0.0416	0.394379	0.0419
10733484	Aff4	-0.118754	0.9999	0.130608	0.7791	0.170932	0.7740	0.385531	0.0382
10733676	Hint1	-0.073790	0.9999	-0.015827	0.9928	-0.137502	0.9585	-0.793268	0.0388
10733680	Gpx3	0.090796	0.9999	-0.821317	0.0384	-0.125532	0.9616	0.270229	0.6479
10733688	Rpl13	-0.052937	0.9999	0.039480	0.9514	-0.032777	0.9733	-0.303527	0.0306
10733697	Slc36a1	0.330608	0.9999	0.130446	0.7546	0.134679	0.8557	0.425751	0.0174
10733790	Igtp	-0.073331	0.9999	-0.373700	0.0237	-0.352136	0.0823	-0.352686	0.0341
10733914	---	0.003141	0.9999	0.039136	0.9660	0.110931	0.9063	0.367492	0.0365
10734061	LOC691649	0.085353	0.9999	0.096024	0.9164	0.218192	0.7521	0.526131	0.0206
10734069	Drg2	0.034064	0.9999	0.065989	0.9273	0.142071	0.8290	0.391805	0.0235
10734472	RGD1565284	0.075711	0.9999	-0.654795	0.0053	-0.384511	0.3111	-0.140765	0.7249
10734673	Gas7	0.047907	0.9999	-0.736734	0.0024	-0.632295	0.0272	-0.454951	0.0808
10734817	Rpl26	-0.109917	0.9999	0.024950	0.9832	-0.071680	0.9635	-0.495123	0.0338

10734866	Tmem107	-0.179632	0.9999	-0.202214	0.6115	-0.283409	0.5177	-0.561201	0.0109
10734994	Fxr2	0.031119	0.9999	0.346503	0.0240	0.257895	0.2570	0.279015	0.0783
10735077	Ybx2	0.189131	0.9999	0.213843	0.2570	0.177244	0.6187	0.325180	0.0321
10735315	Rpl36a	-0.071643	0.9999	0.034830	0.9767	-0.189423	0.8380	-0.706007	0.0033
10735429	Txndc17	-0.074232	0.9999	0.055215	0.9464	-0.069488	0.9562	-0.420036	0.0214
10735959	Slc43a2	0.146076	0.9999	-0.577050	0.0198	-0.304226	0.5858	-0.289535	0.3274
10736053	Rpl37	-0.089963	0.9999	0.003827	0.9969	-0.129363	0.9063	-0.511073	0.0138
10736163	Flot2	0.186678	0.9999	-0.713618	0.0003	-0.386071	0.1397	-0.196986	0.4389
10736267	Slc46a1	-0.029322	0.9999	0.084661	0.8661	0.365819	0.0439	0.440513	0.0060
10736450	Ankrd13b	0.050175	0.9999	0.369130	0.0150	0.269524	0.2135	0.112341	0.6215
10736608	Rhot1	0.188886	0.9999	0.013586	0.9910	0.228954	0.8102	0.558506	0.0372
10736693	RGD1560900	-0.065332	0.9999	-0.120676	0.8268	-0.204310	0.7053	-0.512050	0.0104
10736712	Ccl12	-0.209974	0.9999	-1.475997	0.1006	-1.335112	0.2905	-1.760334	0.0341
10736784	Slfn5	0.083650	0.9999	-1.245919	0.0012	-0.716942	0.1925	-0.170629	0.8148
10736795	Slfn2	-0.249767	0.9999	-0.892019	0.0406	-0.677066	0.3086	-0.798209	0.0675
10736870	Expi	-0.096258	0.9999	-0.332296	0.0139	-0.265478	0.1360	-0.260223	0.0601
10737411	Trim25	0.027264	0.9999	-0.391376	0.0453	-0.292464	0.3446	0.008247	0.9876
10737445	---	-0.002823	0.9999	0.008047	0.9939	-0.063467	0.9670	-0.441883	0.0433
10737663	Gngt2	0.099045	0.9999	-0.494499	0.0219	-0.345063	0.3044	-0.523323	0.0177
10737763	Copz2	0.017020	0.9999	-0.578402	0.0109	-0.316834	0.4620	-0.300966	0.2462
10737827	Socs7	0.035054	0.9999	0.436526	0.0337	0.261323	0.5287	0.180207	0.5079
10738140	Igfbp4	-0.094333	0.9999	-0.793027	0.0006	-0.317268	0.4984	-0.374404	0.1413
10738209	Cnp	0.285040	0.9999	0.057991	0.9764	0.753221	0.0770	0.864293	0.0157
10738341	Ramp2	0.008696	0.9999	-0.603944	0.1024	-0.597087	0.2149	-1.021044	0.0036
10738415	Ifi35	-0.185865	0.9999	-0.636959	0.0386	-0.474965	0.3169	-0.276606	0.4890
10738430	Nbr1	0.154580	0.9999	0.098998	0.8839	0.240838	0.5679	0.451927	0.0208
10738451	Tmem106a	-0.266496	0.9999	-0.386668	0.0180	-0.375064	0.0529	-0.332646	0.0445
10738482	Dhx8	0.074804	0.9999	0.197499	0.6174	0.278650	0.5185	0.434218	0.0430
10738576	Grn	0.175593	0.9999	-0.428461	0.0180	-0.140769	0.8531	-0.100926	0.7413
10739035	Ace	0.319703	0.9999	-1.319502	0.0006	-0.766067	0.1261	-0.718644	0.0711
10739395	Rpl38	-0.066363	0.9999	0.016403	0.9828	-0.164560	0.6615	-0.379733	0.0116
10739630	Tsen54	-0.004132	0.9999	0.473373	0.0319	0.264596	0.5904	0.223117	0.4154
10739913	---	0.045483	0.9999	-0.436158	0.0050	-0.260430	0.2874	-0.305206	0.0618
10739984	Rnf213	-0.088602	0.9999	-1.089595	0.0380	-1.066522	0.0970	-0.921465	0.0836
10739996	Rnf213	-0.130231	0.9999	-0.538267	0.0194	-0.464338	0.1175	-0.529497	0.0230
10740016	Rnf213	-0.076742	0.9999	-0.536387	0.0310	-0.215986	0.8033	-0.224582	0.4926
10740037	Rnf213	-0.128922	0.9999	-0.737241	0.0453	-0.628984	0.2163	-0.571475	0.1355
10740209	Slc16a3	-0.306878	0.9999	0.834829	0.0238	0.081291	0.9748	-0.059890	0.9468
10740379	Rps19	-0.182345	0.9999	0.011264	0.9928	-0.207485	0.8592	-0.580858	0.0342
10740558	Rpl35a	-0.143725	0.9999	0.045038	0.9692	-0.187888	0.8095	-0.750321	0.0011
10740567	A2bp1	0.246088	0.9999	-0.860829	0.0020	-0.420570	0.4017	-0.377638	0.2492
10740982	Amdhd2	-0.014584	0.9999	-0.398741	0.0050	-0.099110	0.8931	-0.158834	0.3772
10741330	Tmem204	-0.287088	0.9999	-0.648632	0.0313	-0.596445	0.1175	-0.781014	0.0103
10741664	---	-0.270654	0.9999	0.107070	0.9586	-0.330484	0.8519	-1.009349	0.0193
10741756	Hba-a2	0.222140	0.9999	-0.959557	0.0120	0.120990	0.9624	-0.055997	0.9533
10741778	Hba-a2	0.225210	0.9999	-0.984130	0.0049	0.138720	0.9562	-0.025483	0.9794
10742029	Rps10	0.056689	0.9999	0.130292	0.6181	0.037425	0.9711	-0.296544	0.0359

10742145	Ccng1	0.062113	0.9999	0.481753	0.0139	0.230610	0.6272	0.210467	0.3893
10742213	Adra1b	0.350871	0.9999	-0.904150	0.0475	-0.574474	0.5271	-0.276451	0.6950
10742388	Sqstm1	0.211397	0.9999	0.403523	0.0385	0.271287	0.4269	0.371120	0.0559
10742431	Rufy1	0.125225	0.9999	0.282712	0.4006	0.417757	0.2004	0.506687	0.0317
10742450	Zfp354c	0.086270	0.9999	0.093161	0.9411	0.286985	0.7299	0.655619	0.0227
10742464	Zfp2	0.047631	0.9999	0.013074	0.9925	0.221435	0.8697	0.707395	0.0205
10742571	Rpl30	0.025560	0.9999	0.040753	0.9142	-0.070913	0.8631	-0.211793	0.0265
10742712	Anxa6	0.117237	0.9999	-0.540724	0.0020	-0.184577	0.7284	0.055953	0.8825
10742868	LOC686661	0.013009	0.9999	-0.928344	0.0012	-0.744282	0.0263	-0.381025	0.2563
10742989	Obscn	-0.027746	0.9999	0.398066	0.1662	0.539147	0.0740	0.553277	0.0276
10743039	Obscn	-0.077270	0.9999	0.567149	0.0403	0.367959	0.4733	0.185006	0.6554
10743296	Top3a	0.149334	0.9999	0.181543	0.7333	0.429620	0.1822	0.619365	0.0099
10743341	---	-0.144220	0.9999	0.625870	0.0301	0.234360	0.8328	0.208087	0.6255
10743535	Ncor1	0.035900	0.9999	0.105041	0.8481	0.221008	0.5901	0.468600	0.0112
10743608	Znf286a	-0.077047	0.9999	0.083500	0.9025	0.190239	0.7013	0.426477	0.0201
10743626	RGD1305664	0.156124	0.9999	0.536598	0.0375	0.233813	0.7726	0.337910	0.2327
10743774	Ntn1	0.152614	0.9999	-1.033408	0.0015	-0.782491	0.0488	-0.432231	0.2591
10743961	Tmem88	-0.121233	0.9999	-0.585882	0.1734	-0.659424	0.2017	-0.738559	0.0490
10744081	Efnb3	0.092545	0.9999	-1.031303	0.0130	-0.361474	0.8095	-0.004852	0.9967
10744098	Atp1b2	0.425520	0.9999	-1.959848	0.0001	-0.811539	0.2676	-0.250081	0.7680
10744597	LOC691995	0.148169	0.9999	-1.001904	0.0199	-0.409097	0.7606	-0.479948	0.3614
10744862	Sgsm2	0.054979	0.9999	-0.581643	0.0335	-0.437629	0.2876	-0.233401	0.5256
10744888	Srr	0.132579	0.9999	0.129104	0.8839	0.220712	0.8033	0.641319	0.0125
10745095	Aldoc	0.208257	0.9999	-1.663809	0.0027	-0.511987	0.7968	-0.019467	0.9900
10745292	Lgals9	-0.176333	0.9999	-0.741800	0.0214	-0.879926	0.0158	-0.594946	0.0737
10745342	Evi2a	-0.059330	0.9999	-0.144604	0.4643	-0.110766	0.8102	-0.285170	0.0285
10745387	Git1	0.065810	0.9999	0.406773	0.0301	0.137565	0.8690	0.106473	0.7284
10745509	Myo1d	-0.182192	0.9999	0.577435	0.2594	0.970234	0.0411	1.059786	0.0109
10745595	Slfm8	-0.080929	0.9999	-0.829702	0.0139	-0.835252	0.0310	-0.811773	0.0190
10745974	Dhx40	0.001215	0.9999	0.273528	0.6669	0.337055	0.6912	0.634709	0.0472
10746000	Gdpd1	-0.016353	0.9999	0.455974	0.1320	0.368145	0.4733	0.597254	0.0288
10746139	Scpep1	0.121589	0.9999	-0.629124	0.0052	-0.278345	0.5988	-0.058505	0.9072
10746158	LOC497978	0.195460	0.9999	0.162062	0.8407	0.558895	0.1062	0.804128	0.0045
10746271	Nme2	-0.060700	0.9999	-0.062027	0.9194	-0.134440	0.7856	-0.360040	0.0179
10746854	---	0.143904	0.9999	0.133784	0.8489	0.169789	0.8704	0.500713	0.0322
10746952	Rpl35a	-0.168777	0.9999	0.037486	0.9767	-0.182165	0.8704	-0.847157	0.0013
10747262	Krt19	-0.116842	0.9999	-0.973474	0.0009	-0.841471	0.0136	-0.686921	0.0254
10747614	Usmg5	-0.088410	0.9999	-0.052580	0.9746	-0.309397	0.7013	-0.615494	0.0372
10747985	Plcd3	-0.142661	0.9999	0.408240	0.0415	0.211741	0.6798	0.280507	0.1907
10748195	Cyb561	0.298871	0.9999	-1.094149	0.0006	-0.612221	0.1617	-0.532446	0.1221
10748363	Smurf2	-0.012289	0.9999	0.361015	0.1073	0.448398	0.0721	0.460856	0.0258
10749058	Rps18	-0.125650	0.9999	-0.026193	0.9845	-0.134737	0.9452	-0.740820	0.0095
10749287	Ube2o	0.258451	0.9999	0.570041	0.0687	0.537910	0.1899	0.608386	0.0426
10749330	St6galnac2	0.163145	0.9999	-1.146093	0.0006	-0.922002	0.0163	-0.441054	0.2515
10749372	Socs3	0.199248	0.9999	-0.972631	0.0157	-0.236654	0.9257	-0.286452	0.6408
10749484	Timp2	0.021145	0.9999	-0.563063	0.0157	-0.505740	0.0770	-0.321183	0.2187
10749495	Lgals3bp	-0.114665	0.9999	-0.682395	0.0107	-0.639350	0.0430	-0.394762	0.1821

10749822	Cggbp1	-0.062971	0.9999	0.090430	0.8658	0.139829	0.8176	0.331616	0.0472
10750310	Cbr1	0.247506	0.9999	0.260358	0.7244	0.464587	0.4347	0.671488	0.0435
10750524	Mx2	-0.561098	0.9999	-2.209551	0.0003	-2.311818	0.0004	-1.906897	0.0030
10750688	RGD1309437	-0.030745	0.9999	-0.599177	0.0144	-0.440188	0.2004	-0.577580	0.0205
10750731	Nit2	0.018218	0.9999	-0.388827	0.0256	-0.085251	0.9438	0.070091	0.8288
10750876	Hmgb2	-0.064182	0.9999	-0.701365	0.0953	-0.705328	0.1873	-0.814343	0.0368
10751115	Boc	0.340256	0.9999	-0.807191	0.0154	-0.126452	0.9562	0.269144	0.5748
10751295	Pla1a	-0.106995	0.9999	-0.796149	0.0380	-0.442152	0.6188	-0.435500	0.3290
10751445	LOC100125366	-0.305370	0.9999	-0.199554	0.6339	-0.239858	0.6798	-0.484153	0.0300
10751469	---	-0.219647	0.9999	-0.749912	0.0457	-0.803812	0.0705	-0.406448	0.3583
10751896	Cldn1	-0.025019	0.9999	-0.289646	0.0221	-0.267114	0.0893	-0.267769	0.0359
10751948	Masp1	0.086977	0.9999	-0.518407	0.0263	-0.298274	0.5331	-0.129519	0.7398
10751973	Rfc4	-0.066033	0.9999	-0.330369	0.6861	-0.261196	0.8948	-0.823092	0.0379
10752098	LOC499782	-0.082277	0.9999	-0.058840	0.9388	-0.137583	0.8381	-0.524693	0.0029
10752146	Rps15a	-0.160085	0.9999	0.132979	0.9268	-0.122285	0.9591	-0.846248	0.0163
10752352	Prodh	0.260360	0.9999	-0.763004	0.0185	-0.231803	0.8759	0.096627	0.8870
10752630	Epha3	0.327270	0.9999	-1.413950	0.0191	-0.168645	0.9698	0.376123	0.6972
10752673	Setd8	0.092296	0.9999	0.191929	0.5909	0.220043	0.6683	0.447499	0.0259
10752758	Btg3	-0.204207	0.9999	0.735470	0.0185	0.500984	0.3025	-0.025331	0.9756
10752852	Adamts5	0.044780	0.9999	-1.053288	0.0029	-0.793549	0.0746	-0.704410	0.0586
10752993	Hunk	0.007386	0.9999	0.051511	0.9514	0.258178	0.4247	0.520511	0.0053
10753075	Synj1	0.206550	0.9999	0.385490	0.2267	0.394106	0.3676	0.605700	0.0214
10754426	Parp9	-0.028194	0.9999	-1.027322	0.0060	-0.890437	0.0508	-0.524110	0.2233
10754542	Ccdc14	0.076837	0.9999	-0.004795	0.9954	-0.002773	0.9986	0.354305	0.0435
10754563	Itgb5	-0.195339	0.9999	0.489005	0.0245	0.237013	0.6769	0.204883	0.4718
10754676	Lmln	0.094556	0.9999	0.327932	0.0646	0.199653	0.6168	0.398081	0.0201
10754694	Rpl35a	-0.079476	0.9999	0.052792	0.9613	-0.182410	0.8250	-0.736935	0.0013
10754939	Fam43a	0.201122	0.9999	-0.562192	0.0157	-0.352529	0.3708	-0.386106	0.1204
10754983	Il13ra1	0.098107	0.9999	-0.686900	0.0319	-0.459796	0.4009	-0.093971	0.8870
10755184	Rpl27a	-0.112574	0.9999	0.025694	0.9840	-0.175512	0.8844	-0.584081	0.0227
10755580	Arvcf	0.001711	0.9999	0.551992	0.0116	0.304275	0.4620	0.202820	0.4885
10755822	Top3b	0.009833	0.9999	0.387498	0.0457	0.271978	0.4098	0.193955	0.4127
10755992	Cdc45l	-0.045236	0.9999	-0.555775	0.1304	-0.558828	0.2470	-0.673935	0.0419
10756125	---	0.073611	0.9999	0.028845	0.9720	0.110519	0.8704	0.302323	0.0473
10756229	Insr	-0.073257	0.9999	0.538792	0.0265	0.463614	0.1487	0.488065	0.0458
10756418	Flt1	-0.117582	0.9999	-0.533522	0.0287	-0.200952	0.8258	-0.307157	0.2662
10757204	---	0.029202	0.9999	0.047987	0.9670	0.104639	0.9458	0.499871	0.0229
10757258	RGD1309735	-0.134411	0.9999	-0.078046	0.8987	-0.203965	0.5592	-0.324011	0.0498
10757986	Gusb	0.096417	0.9999	-0.527548	0.0038	-0.232795	0.5765	-0.251316	0.2371
10758031	---	-0.284174	0.9999	-0.326213	0.9207	-0.884205	0.6606	-1.620029	0.0426
10758137	Scarb1	0.045217	0.9999	-0.476243	0.0319	-0.249157	0.6486	-0.031505	0.9537
10758208	Ccdc92	0.158332	0.9999	0.420208	0.0650	0.306594	0.4333	0.497726	0.0227
10758344	Vps37b	0.024569	0.9999	0.389956	0.0090	0.088862	0.9231	0.030372	0.9306
10758744	Ptpn11	0.081591	0.9999	0.315659	0.0369	0.279657	0.1604	0.085313	0.7270
10758777	Oas1a	-0.268817	0.9999	-0.556354	0.0128	-0.598829	0.0190	-0.509437	0.0250
10758991	Rnf10	0.107033	0.9999	0.389535	0.0052	0.094135	0.8995	0.045497	0.8774
10759066	Git2	0.036479	0.9999	0.133630	0.6769	0.096594	0.9123	0.322149	0.0419

10759173	Selplg	-0.071133	0.9999	-0.840283	0.0003	-0.540673	0.0477	-0.553848	0.0187
10759513	Lass4	0.269523	0.9999	-0.920669	0.0044	-0.239708	0.8724	0.248278	0.6151
10759769	Pds5b	0.147760	0.9999	0.010662	0.9918	0.230800	0.7442	0.478609	0.0435
10759941	B3galtl	0.001401	0.9999	-0.565141	0.0194	-0.278813	0.6419	-0.026319	0.9659
10760018	Rpl35a	-0.133997	0.9999	0.061593	0.9563	-0.171141	0.8704	-0.763715	0.0019
10760196	Arpc1b	0.019580	0.9999	-0.359033	0.2218	-0.254773	0.7013	-0.508956	0.0362
10760208	Rps15a	-0.130333	0.9999	0.153593	0.9097	-0.133156	0.9562	-0.797487	0.0221
10760393	LOC498145	0.150002	0.9999	0.183156	0.5544	0.256113	0.4326	0.560239	0.0029
10760444	Zfp12	0.079490	0.9999	0.019655	0.9832	0.263314	0.4247	0.392839	0.0343
10760557	RGD1560686	-0.062920	0.9999	-0.427611	0.0180	-0.268270	0.3855	-0.142836	0.5845
10760559	---	0.071386	0.9999	-0.590897	0.0144	-0.243484	0.7338	-0.158272	0.6796
10760646	Mafk	-0.385051	0.9999	0.633503	0.0328	0.449207	0.3454	0.161637	0.7438
10760738	Fam20c	-0.005287	0.9999	-0.326009	0.3235	-0.481837	0.1357	-0.511432	0.0400
10760811	Rpl31	-0.057033	0.9999	0.089617	0.9432	-0.090397	0.9624	-0.708477	0.0145
10760971	Pcolce	0.015227	0.9999	-0.795487	0.0020	-0.407467	0.3641	-0.283374	0.3962
10760994	Agfg2	0.069792	0.9999	0.101469	0.9004	0.386772	0.1919	0.513100	0.0187
10761042	Ap1s1	-0.021155	0.9999	0.166735	0.6732	-0.167379	0.8095	-0.414392	0.0341
10761727	Setd8	0.054069	0.9999	0.160797	0.6082	0.169841	0.7379	0.353332	0.0402
10761758	Hip1r	-0.168754	0.9999	0.825612	0.0002	0.659675	0.0057	0.621811	0.0062
10762007	---	-0.052627	0.9999	-0.067807	0.8143	-0.119560	0.6522	-0.216707	0.0432
10762140	Rps20	-0.049207	0.9999	-0.033230	0.9767	-0.047470	0.9746	-0.516430	0.0173
10762247	Oas1b	-0.322377	0.9999	-0.835133	0.0189	-0.832023	0.0482	-0.830221	0.0214
10762368	Tbx5	0.326345	0.9999	0.028208	0.9831	0.103005	0.9562	0.617505	0.0190
10762442	Fbxo21	0.292603	0.9999	0.125974	0.8095	0.153414	0.8488	0.458109	0.0197
10762593	Rab35	0.114322	0.9999	0.132248	0.5392	0.121424	0.7606	0.273955	0.0343
10762981	Rpa3	-0.283930	0.9999	-0.373975	0.7008	-0.461450	0.7284	-1.046295	0.0230
10763021	Pole	0.070679	0.9999	-0.480297	0.1515	-0.460599	0.3212	-0.684995	0.0209
10763135	---	0.048211	0.9999	0.197530	0.6531	0.337208	0.3694	0.637975	0.0060
10763489	Clasp1	0.017773	0.9999	0.260358	0.4606	0.297424	0.5289	0.537514	0.0210
10763587	Slc35f5	-0.166299	0.9999	0.591639	0.0028	0.323896	0.3141	0.138270	0.6622
10763737	Lsm6	-0.076321	0.9999	-0.083429	0.9371	-0.334459	0.4353	-0.649930	0.0079
10763976	Plekha6	0.185680	0.9999	-0.469410	0.0322	-0.225628	0.7053	-0.046676	0.9236
10764144	Kdm5b	0.135032	0.9999	0.038581	0.9749	0.314061	0.4048	0.485984	0.0259
10764228	Phlda3	-0.019116	0.9999	0.566033	0.0475	0.325059	0.6234	0.150554	0.7492
10764316	Rpl31	-0.057843	0.9999	0.082443	0.9415	-0.076900	0.9655	-0.645165	0.0138
10764643	RGD1307890	0.070222	0.9999	0.216565	0.6181	0.253309	0.6798	0.513514	0.0300
10764811	RGD1561635	0.060010	0.9999	0.126909	0.8462	-0.076063	0.9602	-0.462818	0.0343
10764827	Tor1aip2	-0.033629	0.9999	0.303406	0.6833	0.569926	0.3133	0.747547	0.0394
10765280	Dpt	-0.065891	0.9999	-1.347961	0.0234	-0.744046	0.5623	-0.770881	0.2524
10765364	---	-0.795110	0.9999	1.887343	0.0035	1.396581	0.0934	0.613078	0.4903
10765444	---	-0.181735	0.9999	-1.409326	0.0217	-0.963371	0.3239	-1.023442	0.1156
10765480	Olfml2b	-0.127807	0.9999	-0.629210	0.0264	-0.391992	0.4543	0.032442	0.9637
10765625	Cd244	-0.132423	0.9999	-0.311405	0.0383	-0.247821	0.2541	-0.272934	0.0707
10765671	Deaf8	0.215972	0.9999	0.131664	0.8686	0.361372	0.3793	0.558316	0.0220
10765996	Exo1	0.104648	0.9999	-0.321980	0.1376	-0.436172	0.0575	-0.447170	0.0214
10766037	Zfp238	0.119613	0.9999	0.419096	0.0401	0.230505	0.6351	0.361380	0.0787
10766080	Kif26b	0.009562	0.9999	-0.393981	0.0133	-0.453736	0.0117	-0.185529	0.3317



10766082	Kif26b	-0.026714	0.9999	-0.569149	0.0411	-0.326567	0.5977	0.028824	0.9668
10766428	Tlr5	0.026770	0.9999	-0.419793	0.0154	-0.386944	0.0673	-0.452886	0.0109
10766468	Rab3gap2	-0.211258	0.9999	0.819538	0.0144	0.823331	0.0328	0.548974	0.1264
10766869	Cd34	-0.100351	0.9999	-1.012442	0.0203	-0.717049	0.2805	-0.626777	0.1921
10767098	Ralb	-0.061379	0.9999	-0.279098	0.2929	-0.224309	0.6683	-0.433735	0.0342
10767338	Mcm6	0.028932	0.9999	-0.589446	0.2115	-0.647470	0.2698	-0.864324	0.0288
10767539	Srgap2	0.165895	0.9999	0.489130	0.0380	0.323822	0.4403	0.284393	0.2870
10767605	Cntn2	0.090472	0.9999	0.237435	0.6743	0.564992	0.1067	0.572203	0.0402
10767763	Prelp	-0.096235	0.9999	-1.432654	0.0153	-1.365601	0.0529	-1.237877	0.0384
10768021	Pkp1	-0.044116	0.9999	1.505903	0.0055	1.864226	0.0018	1.247470	0.0277
10768332	Rgs2	0.046614	0.9999	-0.799144	0.0279	-0.873004	0.0350	-0.726319	0.0466
10768857	Qsox1	0.186342	0.9999	-0.600070	0.0375	-0.080655	0.9692	0.295805	0.3982
10769075	Fam5b	0.147402	0.9999	-0.793017	0.0011	-0.260522	0.7053	-0.025136	0.9692
10769138	Rabgap11	0.156618	0.9999	-0.530588	0.0416	-0.125040	0.9438	-0.070599	0.8967
10769476	Atp1b1	0.095740	0.9999	0.111960	0.6766	0.169380	0.5289	0.272107	0.0400
10769621	Uck2	0.003554	0.9999	0.372489	0.0836	0.412862	0.1039	0.492962	0.0167
10769812	Pcp4l1	0.218680	0.9999	-0.955185	0.0260	-0.569444	0.5008	-0.174112	0.8266
10769954	Pea15a	-0.271665	0.9999	0.871242	0.0015	0.423233	0.3821	0.153853	0.7500
10769959	Casq1	-0.605092	0.9999	1.726315	0.0008	0.722440	0.4841	0.045544	0.9745
10769998	Atp1a2	-0.172864	0.9999	0.722040	0.0380	0.546405	0.2992	0.296557	0.5224
10770082	Ifi204	-0.090990	0.9999	-1.061091	0.0008	-1.251269	0.0003	-0.996714	0.0030
10770109	RGD1562462	0.326601	0.9999	-0.714032	0.0006	-0.764786	0.0006	-0.507065	0.0192
10770410	Rpl36a	-0.056320	0.9999	0.006017	0.9957	-0.191090	0.8259	-0.699533	0.0032
10770412	Enah	-0.553468	0.9999	1.092570	0.0244	0.786777	0.2898	0.302029	0.6965
10770759	Sertad4	0.228999	0.9999	0.881304	0.0425	1.534701	0.0005	1.275302	0.0036
10770795	Hsd11b1	-0.050726	0.9999	-1.770477	0.0007	-1.224168	0.0557	-0.905084	0.1103
10770807	G0s2	-0.094814	0.9999	-0.695824	0.0241	-0.708810	0.0529	-0.344035	0.3579
10770996	Atp5i	-0.091598	0.9999	-0.133204	0.9235	-0.374050	0.6547	-0.688183	0.0405
10771070	Tgfbr3	0.259886	0.9999	-0.985747	0.0042	-0.259088	0.8704	0.007971	0.9932
10771210	Sparc11	-0.115267	0.9999	-0.697721	0.0222	-0.650591	0.0836	-0.628602	0.0419
10771649	Cxcl11	0.341938	0.9999	-2.217560	0.0009	-0.714557	0.7112	-0.544535	0.5864
10772194	Hopx	-0.020278	0.9999	-0.581931	0.1328	-0.753560	0.0726	-0.948935	0.0076
10772405	Slain2	-0.062429	0.9999	0.646358	0.0411	0.133980	0.9491	-0.220514	0.6368
10772582	Atp8a1	0.276245	0.9999	-0.886427	0.0287	-0.309022	0.8557	0.237377	0.7186
10772623	Bend4	0.081753	0.9999	0.546174	0.0157	0.230097	0.7274	0.416754	0.0755
10772655	Rps23	-0.090437	0.9999	-0.045862	0.9788	-0.184944	0.9310	-0.806271	0.0174
10772699	RGD1311122	-0.083623	0.9999	-0.397201	0.0234	-0.173728	0.7398	-0.343338	0.0536
10772705	Ugdh	0.050071	0.9999	-0.660964	0.0159	-0.756268	0.0152	-0.779449	0.0064
10772758	---	-0.194147	0.9999	-0.445078	0.1485	-0.474220	0.2193	-0.659951	0.0170
10772950	Rpsa	-0.135407	0.9999	0.014077	0.9877	-0.258383	0.5131	-0.474570	0.0178
10772965	---	-0.107828	0.9999	-0.170849	0.7764	-0.498818	0.0975	-0.497697	0.0402
10773168	Hmgb2	-0.053272	0.9999	-0.687378	0.0958	-0.690608	0.1881	-0.832427	0.0305
10773481	Mfsd10	0.014401	0.9999	-0.266488	0.1543	-0.280994	0.2358	-0.469471	0.0053
10774102	Rpl13	-0.038967	0.9999	0.042917	0.9483	-0.027543	0.9781	-0.304370	0.0359
10774115	Ramp3	-0.290643	0.9999	-1.070133	0.0028	-0.802231	0.0757	-0.877660	0.0197
10774359	Rpl38	-0.040517	0.9999	0.017847	0.9806	-0.144447	0.7159	-0.343543	0.0170
10774596	Bcl11a	0.064665	0.9999	0.576897	0.0893	0.911316	0.0088	1.044071	0.0015

10774638	Efemp1	0.143086	0.9999	-0.935362	0.0309	-1.260772	0.0072	-1.162185	0.0082
10774766	Rtn4	0.034623	0.9999	0.437377	0.0018	0.255323	0.2163	0.032440	0.9203
10774894	Rpl41	-0.086660	0.9999	0.058967	0.9603	-0.102647	0.9517	-0.631407	0.0109
10775001	Idua	0.162176	0.9999	-0.509463	0.0380	-0.103061	0.9506	0.115527	0.7852
10775141	Rpap2	0.020930	0.9999	0.197954	0.6790	0.257440	0.6683	0.493257	0.0355
10775338	Pkd2	0.168579	0.9999	0.463164	0.1604	0.707122	0.0303	0.403145	0.2018
10775407	Aff1	0.056358	0.9999	0.362851	0.1446	0.378367	0.2332	0.440422	0.0472
10776459	Pdgfra	0.013142	0.9999	-1.872615	0.0000	-1.483744	0.0001	-1.216008	0.0012
10776586	Slain2	-0.070464	0.9999	0.464243	0.0235	0.237560	0.6329	0.238896	0.3257
10776915	Tbc1d1	0.030604	0.9999	0.429707	0.0426	0.237923	0.6410	0.234357	0.3461
10777032	Rpl13	-0.053810	0.9999	0.031503	0.9680	-0.050250	0.9612	-0.318497	0.0331
10777108	Sod3	0.223426	0.9999	-0.847355	0.0185	-0.339713	0.7616	-0.205808	0.7311
10777248	RGD1561042	0.115940	0.9999	-0.409017	0.0350	-0.262031	0.4627	-0.116225	0.7047
10777928	Limk2	-0.030457	0.9999	0.058387	0.9361	0.191106	0.6313	0.429687	0.0104
10778505	Grb10	-0.026891	0.9999	0.214971	0.6141	0.357034	0.3387	0.639918	0.0070
10778555	Sec61g	-0.255052	0.9999	-0.071642	0.9574	-0.247873	0.7968	-0.770724	0.0074
10778820	Ccdc85a	0.074470	0.9999	-0.612812	0.0237	-0.434139	0.3005	-0.307469	0.3445
10778853	Rps27a	-0.126987	0.9999	0.072987	0.9496	-0.120060	0.9458	-0.518329	0.0402
10778918	Rps19	-0.160834	0.9999	0.108308	0.9171	-0.134811	0.9380	-0.571920	0.0259
10779317	Ube2e2	0.040537	0.9999	-0.362885	0.0646	-0.252807	0.4823	-0.392532	0.0368
10779602	RGD1563070	-0.062761	0.9999	0.826015	0.1178	1.133986	0.0418	1.109377	0.0214
10779673	Lgals3	0.030494	0.9999	-0.160702	0.8050	-0.224800	0.7760	-0.520130	0.0343
10780179	Abhd4	0.108001	0.9999	0.263685	0.4245	0.248409	0.6673	0.523528	0.0209
10780393	Fitm1	0.278331	0.9999	-1.283415	0.0012	-0.436242	0.6881	0.038305	0.9714
10780396	Psme1	0.089157	0.9999	-0.336013	0.0446	-0.071280	0.9482	0.118880	0.6250
10780433	Irf9	-0.197815	0.9999	-0.797156	0.0162	-0.727211	0.0728	-0.381769	0.3395
10780889	Mipep	-0.009088	0.9999	-0.637995	0.0100	-0.484979	0.1419	-0.262116	0.4007
10781197	Stmn4	-0.135185	0.9999	0.715229	0.1157	1.050753	0.0241	0.302384	0.6226
10781207	Adra1a	-0.046135	0.9999	0.723761	0.0393	0.556369	0.2898	0.432649	0.2704
10781398	Nudt18	-0.279277	0.9999	0.293420	0.1786	0.523249	0.0122	0.281053	0.1653
10781554	Tpt1	-0.011637	0.9999	0.046867	0.9561	-0.069367	0.9562	-0.375980	0.0368
10782065	Ipo5	-0.044330	0.9999	0.485420	0.0245	0.244783	0.6502	0.089990	0.8221
10782144	Clybl	-0.032480	0.9999	-1.078708	0.0054	-0.586301	0.3962	-0.275705	0.6531
10782597	---	-0.005289	0.9999	0.061469	0.9439	-0.206815	0.7016	-0.471955	0.0187
10782609	Ptprg	0.067753	0.9999	-0.783826	0.0035	-0.536703	0.1441	-0.336891	0.2980
10782695	Abhd6	0.181517	0.9999	0.408260	0.3292	0.565719	0.1881	0.876166	0.0064
10782971	RGD1304610	0.018948	0.9999	0.065735	0.9425	0.143259	0.8841	0.449471	0.0314
10783280	Chd8	0.105403	0.9999	0.169009	0.6649	0.162135	0.8250	0.401712	0.0402
10783353	Rps19	-0.170593	0.9999	0.089603	0.9302	-0.119254	0.9433	-0.512389	0.0346
10783621	Acin1	0.084813	0.9999	0.287734	0.1227	0.231476	0.4620	0.366031	0.0307
10783805	Psme2	0.056987	0.9999	-0.468745	0.0128	-0.278987	0.3910	-0.276098	0.1837
10783849	Tm9sf1	0.034967	0.9999	-0.061360	0.9138	-0.171591	0.5935	-0.284781	0.0479
10783863	Nedd8	-0.047155	0.9999	0.033697	0.9795	-0.219165	0.8033	-0.548668	0.0299
10784360	Kpna3	0.080819	0.9999	0.169538	0.7530	0.239491	0.7009	0.460308	0.0448
10784517	Msra	-0.049073	0.9999	-0.586402	0.0295	-0.478101	0.1983	-0.451053	0.1088
10784843	---	-0.246145	0.9999	-0.297525	0.0144	-0.168050	0.4665	-0.156083	0.2630
10784896	Slc25a37	-0.048892	0.9999	0.634304	0.0030	0.270815	0.5846	0.222183	0.4300

10784980	Sorbs3	0.094453	0.9999	-0.461986	0.0110	-0.431153	0.0458	-0.216104	0.3181
10785244	Itm2b	0.212957	0.9999	-0.385383	0.0228	-0.108793	0.9033	0.060587	0.8556
10785326	Slc25a30	-0.016364	0.9999	0.165866	0.9122	0.328060	0.8070	0.828325	0.0303
10785933	Rps7	-0.041400	0.9999	-0.007953	0.9898	-0.062647	0.9484	-0.330697	0.0222
10786132	Rps24	-0.127744	0.9999	0.105756	0.9036	-0.057633	0.9732	-0.491920	0.0341
10786401	Wnt5a	0.049280	0.9999	-1.277804	0.0003	-0.627368	0.2222	-0.382918	0.3897
10786537	Itih4	0.179101	0.9999	-1.001363	0.0013	-0.474740	0.3842	-0.183952	0.7284
10786717	---	0.081320	0.9999	-0.573964	0.0144	-0.362698	0.3457	-0.331184	0.2040
10786836	RGD1310423	-0.008235	0.9999	-0.554926	0.0237	-0.555092	0.0575	-0.377992	0.1527
10787150	Calr3	0.136785	0.9999	0.048881	0.9403	0.216890	0.3875	0.326742	0.0277
10787364	Jak3	0.078123	0.9999	-0.524949	0.0403	-0.228996	0.7781	-0.012871	0.9853
10787517	Gdf15	-0.184819	0.9999	2.032836	0.0001	1.336765	0.0239	0.575395	0.3659
10787520	Ssbp4	0.123965	0.9999	-0.294152	0.0219	-0.026297	0.9773	0.263256	0.0426
10787611	Slc25a42	0.179795	0.9999	0.203680	0.7665	0.425549	0.3572	0.727313	0.0109
10787731	Tceb1	-0.023267	0.9999	0.001690	0.9991	-0.125083	0.9179	-0.442595	0.0343
10787757	Csgalnact1	-0.161259	0.9999	-0.954360	0.0132	-0.683713	0.2153	-0.754495	0.0560
10787784	Hmgb2	-0.038906	0.9999	-0.631466	0.0889	-0.661098	0.1487	-0.735414	0.0341
10787792	RGD1305222	0.111147	0.9999	0.319535	0.0099	0.118722	0.7606	-0.054192	0.8135
10787889	Ddx60	-0.135630	0.9999	-0.319436	0.0310	-0.277080	0.1594	-0.248618	0.1068
10787935	Clcn3	0.085880	0.9999	0.393299	0.2178	0.444411	0.2530	0.659810	0.0138
10787960	Hmgn2	-0.015825	0.9999	-0.838642	0.0102	-0.770794	0.0482	-0.912323	0.0074
10788427	Msr1	-0.098756	0.9999	-0.752322	0.0030	-0.414907	0.3159	-0.454461	0.0979
10788453	---	-0.008608	0.9999	-0.583823	0.0245	-0.390861	0.3681	-0.257896	0.4358
10788462	Dlc1	0.148699	0.9999	-0.904588	0.0004	-0.520795	0.1183	-0.191955	0.6209
10788510	Tnks	0.106227	0.9999	0.027993	0.9786	0.206041	0.7187	0.408908	0.0448
10788666	Rps20	-0.066547	0.9999	-0.033917	0.9786	-0.100453	0.9527	-0.625783	0.0111
10789386	LOC498662	0.061740	0.9999	0.450992	0.0185	0.204370	0.6933	0.217539	0.3472
10789401	Rasa3	-0.037584	0.9999	-0.397817	0.0448	-0.185840	0.7536	-0.277728	0.1885
10789477	Adprhl1	-0.542700	0.9999	0.785779	0.0084	0.424680	0.4439	0.269235	0.5107
10789502	Grtp1	-0.553733	0.9999	1.074684	0.0154	0.563809	0.5519	0.109912	0.9089
10789504	Grtp1	-0.018279	0.9999	0.375272	0.0030	0.192884	0.3910	0.091024	0.6489
10789709	Polr3a	0.018163	0.9999	0.331731	0.1954	0.338567	0.3197	0.535174	0.0151
10789727	Zcchc24	0.230328	0.9999	-0.574128	0.0310	-0.363099	0.4620	0.035711	0.9562
10790257	Hacl1	-0.015344	0.9999	-0.579664	0.0115	-0.306097	0.5070	-0.326438	0.2001
10790305	Dph3	-0.165809	0.9999	0.029086	0.9828	-0.208999	0.8227	-0.774350	0.0029
10790309	Timm23	-0.056480	0.9999	0.064860	0.9162	-0.120807	0.8479	-0.320301	0.0356
10790355	RGD1564899	0.153805	0.9999	0.247124	0.6743	0.230768	0.8452	0.588063	0.0431
10790360	RGD1564899	0.144011	0.9999	0.239605	0.7406	0.243835	0.8520	0.647692	0.0404
10790471	Sncg	-0.213919	0.9999	0.448346	0.0150	-0.279875	0.3676	-0.407347	0.0300
10790525	Rpl38	-0.040517	0.9999	0.017847	0.9806	-0.144447	0.7159	-0.343543	0.0170
10790542	Gcap14	-0.052255	0.9999	0.460992	0.1097	0.443434	0.2530	0.559312	0.0342
10790804	Plvap	-0.206687	0.9999	-0.465269	0.0762	-0.609981	0.0301	-0.591234	0.0187
10790948	Jund	0.021173	0.9999	0.571139	0.0468	0.334315	0.5977	0.231071	0.5548
10790966	Isyna1	0.175564	0.9999	-0.023576	0.9896	0.816239	0.0915	1.195889	0.0030
10791000	Crlf1	0.215142	0.9999	0.135108	0.9140	0.749181	0.0400	0.282985	0.4996
10791202	Tceb1	-0.049340	0.9999	0.012289	0.9898	-0.139325	0.9033	-0.454451	0.0368
10791204	Tceb1	-0.048137	0.9999	0.001820	0.9991	-0.134580	0.9210	-0.478042	0.0368

10791358	Ddx60	-0.151373	0.9999	-0.419415	0.0056	-0.344167	0.0705	-0.225124	0.1882
10791456	---	0.107009	0.9999	0.388900	0.1833	0.401906	0.2905	0.521375	0.0368
10791522	Hpgd	0.066052	0.9999	-0.398036	0.0219	-0.319422	0.1815	-0.301003	0.0979
10791740	Pdlim3	-0.291094	0.9999	0.545312	0.1833	0.764634	0.0717	0.809152	0.0214
10791966	Tusc3	-0.086384	0.9999	-0.508609	0.0687	-0.496430	0.1668	-0.650259	0.0166
10792101	Purg	0.107054	0.9999	0.260397	0.4345	0.333866	0.3811	0.484555	0.0320
10792621	Myom2	0.004554	0.9999	-1.552711	0.0188	-1.755358	0.0194	-1.558523	0.0205
10792660	Kbtbd11	0.533815	0.9999	-0.870463	0.0426	-0.214127	0.9423	-0.071643	0.9440
10793458	Ctsl1	0.083260	0.9999	-0.324150	0.4435	-0.351820	0.5639	-0.604929	0.0334
10793597	---	0.094954	0.9999	-0.630025	0.0406	-0.436160	0.4056	-0.096531	0.8752
10793600	---	0.103227	0.9999	-0.625164	0.0255	-0.417893	0.3771	-0.084737	0.8843
10793675	Ctla2a	0.228594	0.9999	-1.778177	0.0007	-1.176550	0.0757	-1.150792	0.0350
10794016	Pdlim7	-0.140204	0.9999	0.691486	0.0100	0.474247	0.2222	-0.073242	0.9006
10794599	Nedd9	-0.029766	0.9999	0.724880	0.0367	0.845865	0.0286	0.992469	0.0045
10794800	RGD1311307	-0.393083	0.9999	1.374107	0.0008	1.076975	0.0239	0.372760	0.5115
10795105	Rpl37	-0.084167	0.9999	-0.015317	0.9898	-0.127010	0.9467	-0.660704	0.0190
10795189	Hist1h2bh	-0.125067	0.9999	-0.317467	0.4724	-0.380494	0.5008	-0.611031	0.0341
10795194	---	0.022407	0.9999	-0.383467	0.0475	-0.328180	0.2209	-0.275028	0.1812
10795196	RGD1564767	-0.094783	0.9999	-0.746485	0.1674	-0.704881	0.3676	-0.967889	0.0398
10795198	---	-0.100722	0.9999	-0.770417	0.3651	-0.895852	0.3957	-1.221868	0.0491
10795203	Hist1h1a	-0.084601	0.9999	-1.203793	0.0204	-1.197494	0.0529	-1.450330	0.0070
10795231	Hist1h2bl	-0.187053	0.9999	-0.608801	0.2419	-0.597218	0.4270	-0.890585	0.0349
10795265	LOC682649	0.006103	0.9999	-0.540080	0.1256	-0.578238	0.1844	-0.766871	0.0177
10795280	---	-0.067617	0.9999	-0.566924	0.1805	-0.633131	0.2176	-0.943902	0.0104
10795286	---	-0.039556	0.9999	-0.251220	0.4006	-0.296079	0.4247	-0.413641	0.0499
10795291	Hist1h1b	-0.000486	0.9999	-1.034595	0.0545	-1.038625	0.1173	-1.118244	0.0321
10795295	---	-0.223551	0.9999	-0.899722	0.0475	-0.801097	0.1872	-1.011124	0.0227
10795297	Hist1h4b	-0.117780	0.9999	-0.609090	0.1144	-0.655827	0.1667	-0.929972	0.0096
10795319	Zfp187	-0.003902	0.9999	0.185365	0.7322	0.251192	0.7013	0.499108	0.0375
10795546	Rps19	-0.168423	0.9999	0.084723	0.9455	-0.166573	0.9167	-0.556797	0.0461
10795760	Mtr	-0.031199	0.9999	0.199230	0.7123	0.365391	0.3890	0.529845	0.0341
10796074	Net1	0.472366	0.9999	-1.445871	0.0020	-0.781119	0.3029	-0.470712	0.4569
10796347	Mcm10	-0.040477	0.9999	-0.472529	0.0475	-0.581611	0.0263	-0.492957	0.0342
10796416	Rpl34	-0.051900	0.9999	0.023340	0.9767	-0.067877	0.9493	-0.366810	0.0208
10796476	Mrc1	0.260824	0.9999	-0.904110	0.0082	-0.356218	0.7177	-0.445503	0.2611
10796677	Rpl37	-0.079783	0.9999	0.001467	0.9991	-0.115620	0.9105	-0.446360	0.0179
10796679	---	0.110430	0.9999	-0.749446	0.0298	-0.278747	0.8370	0.318751	0.4774
10796838	Irx4	0.087561	0.9999	-0.952866	0.0030	-0.667415	0.1173	-0.212608	0.6846
10796900	RGD1566325	0.211662	0.9999	0.308170	0.6656	0.360082	0.7261	0.715083	0.0467
10797169	Rplp1	-0.036003	0.9999	-0.017897	0.9764	-0.121813	0.6518	-0.228957	0.0343
10797473	Rpl35a	-0.124971	0.9999	0.069106	0.9468	-0.168184	0.8690	-0.746074	0.0015
10797493	RGD1306917	-0.153581	0.9999	-0.095209	0.8983	-0.136752	0.8841	-0.447027	0.0250
10797566	S1pr3	0.120065	0.9999	-1.047238	0.0194	-0.497347	0.6683	-0.604997	0.2323
10797741	Aof1	0.249374	0.9999	0.247172	0.5086	0.366438	0.3141	0.556606	0.0185
10798218	Rpl37	-0.037277	0.9999	0.028963	0.9832	-0.105167	0.9562	-0.632708	0.0227
10798436	Hist1h2aa	0.013910	0.9999	-0.378079	0.1504	-0.394179	0.2438	-0.502578	0.0308
10798442	LOC679840	-0.218349	0.9999	-0.590660	0.2005	-0.667598	0.2314	-0.973360	0.0135

10798455	Hist1h2ail	-0.025487	0.9999	-0.629377	0.0965	-0.635538	0.1872	-0.810253	0.0214
10798457	---	-0.103678	0.9999	-0.824132	0.2039	-0.784601	0.4075	-1.171785	0.0321
10798461	Hist1h4b	-0.101514	0.9999	-0.538119	0.1870	-0.612422	0.2094	-0.925933	0.0090
10798465	---	-0.421169	0.9999	-0.705528	0.1674	-0.736226	0.2610	-0.914079	0.0399
10798488	Hist1h2bc	-0.077867	0.9999	-0.760398	0.0625	-0.685180	0.2163	-0.917871	0.0201
10798490	Hist1h4b	-0.078507	0.9999	-0.598290	0.1157	-0.623279	0.1902	-0.912958	0.0098
10798492	---	0.026902	0.9999	-0.550943	0.1090	-0.533732	0.2470	-0.767013	0.0167
10798494	st1h2bn // Hist1h2	-0.072616	0.9999	-0.696292	0.0809	-0.611305	0.2799	-0.855961	0.0227
10798497	Hist1h2bl	-0.062527	0.9999	-0.756197	0.0600	-0.688322	0.1992	-0.904434	0.0204
10798499	Hist1h4b	-0.103831	0.9999	-0.638656	0.1057	-0.645186	0.2004	-0.916485	0.0128
10798501	Hist1h2bm	-0.022014	0.9999	-0.287486	0.3765	-0.423790	0.1822	-0.597982	0.0111
10798507	Hist1h2ak	-0.141704	0.9999	-0.972329	0.0520	-0.913482	0.1590	-1.131205	0.0205
10798794	Svil	-0.141322	0.9999	0.742002	0.0203	0.546888	0.2470	0.706770	0.0299
10798828	RGD1562037	-0.144024	0.9999	0.170956	0.8588	0.410363	0.4885	0.632097	0.0400
10798900	---	-0.098769	0.9999	-0.029676	0.9828	-0.142511	0.9360	-0.571124	0.0321
10799357	Akr1cl1	0.416938	0.9999	-0.902168	0.0358	-0.690807	0.2786	-0.808333	0.0590
10799968	Prtfdc1	-0.077679	0.9999	-0.590348	0.0126	-0.310818	0.5244	-0.180222	0.6074
10799985	Rps8	-0.051923	0.9999	0.038257	0.9673	-0.012130	0.9949	-0.415125	0.0193
10800657	Ammecr11	0.029739	0.9999	0.346800	0.1627	0.248524	0.6371	0.435748	0.0449
10800696	Lims2	-0.217777	0.9999	-0.202217	0.8783	-1.003947	0.0217	-0.715386	0.0723
10800913	---	0.066524	0.9999	0.332678	0.1106	0.269458	0.4279	0.415526	0.0305
10802040	Pdgfrb	0.018148	0.9999	-0.807206	0.0306	-0.252547	0.8866	-0.185461	0.7730
10802128	Rps23	-0.065927	0.9999	-0.047823	0.9767	-0.167257	0.9360	-0.770791	0.0150
10802274	Malt1	-0.033034	0.9999	0.331999	0.5847	0.579292	0.2497	0.706597	0.0402
10802700	Rpl17	-0.052967	0.9999	0.053507	0.9311	-0.030050	0.9772	-0.296040	0.0435
10802782	Pias2	0.190004	0.9999	0.075757	0.9236	0.108323	0.9278	0.398245	0.0379
10803017	Cyb5a	0.111557	0.9999	-0.647499	0.0403	-0.520559	0.2530	-0.740781	0.0185
10803394	B4galt6	0.132185	0.9999	-0.350684	0.0260	-0.096068	0.9139	-0.040302	0.9058
10803440	---	-0.075914	0.9999	0.542273	0.0464	0.344172	0.5250	0.290687	0.3681
10803666	Gypc	0.369851	0.9999	-0.542187	0.0278	-0.277137	0.6510	-0.153975	0.6917
10803692	Nrep	0.108762	0.9999	-0.101816	0.9388	0.727088	0.0301	0.876653	0.0038
10803911	Dnajc18	0.043108	0.9999	0.238812	0.4125	0.200663	0.7335	0.409949	0.0428
10803947	Hbegf	-0.644752	0.9999	1.483264	0.0144	1.334977	0.0721	0.730711	0.3067
10803995	Ndufa2	-0.139452	0.9999	-0.117146	0.9213	-0.218553	0.8610	-0.583974	0.0449
10804225	Ppp2r2b	-0.170967	0.9999	-1.581173	0.0005	-1.479268	0.0026	-1.089092	0.0200
10804384	Fem1c	0.019369	0.9999	0.132340	0.7631	0.118955	0.8965	0.359285	0.0500
10804463	Lox	-0.113743	0.9999	0.895442	0.1318	1.501330	0.0117	1.084997	0.0427
10804480	Ppic	-0.044829	0.9999	-0.663875	0.0053	-0.320113	0.5256	-0.354233	0.1890
10804721	Afap111	0.187871	0.9999	0.431844	0.0953	0.447953	0.1663	0.608861	0.0123
10804974	Afg3l2	0.055691	0.9999	0.467842	0.0287	0.277385	0.5203	0.309531	0.1824
10805016	Cep76	0.046398	0.9999	0.399405	0.1734	0.458361	0.1873	0.698785	0.0071
10805263	---	0.018099	0.9999	0.301059	0.0344	0.077749	0.9311	-0.006839	0.9860
10806303	Tox3	-0.127649	0.9999	1.074456	0.0005	0.561347	0.1963	0.562106	0.0827
10806416	Itfg1	0.058348	0.9999	-0.558623	0.0018	-0.337571	0.1873	-0.098084	0.7577
10806687	Ccdc130	0.049773	0.9999	0.231700	0.4947	0.191832	0.7913	0.471987	0.0288
10806927	Gab1	0.113811	0.9999	0.437064	0.1063	0.338415	0.4690	0.626896	0.0128
10807007	Slc10a7	0.076078	0.9999	-0.488487	0.0118	-0.230530	0.6187	-0.106289	0.7492

10807044	Arhgap10	0.019861	0.9999	-0.421840	0.0161	-0.467347	0.0194	-0.274156	0.1490
10807452	Nfatc3	0.093612	0.9999	0.186502	0.6948	0.222910	0.7428	0.480591	0.0343
10807514	Rps12	-0.130700	0.9999	0.038950	0.9817	-0.112417	0.9595	-0.712498	0.0276
10807828	Znf23	0.004868	0.9999	0.060738	0.9673	0.383729	0.4620	0.697356	0.0138
10808034	St3gal2	-0.067064	0.9999	0.430084	0.0674	0.543134	0.0335	0.664944	0.0038
10808274	Cdh13	-0.000740	0.9999	-0.847715	0.0323	-0.230791	0.9210	-0.079383	0.9288
10808302	Osgin1	0.073310	0.9999	0.527920	0.0403	0.147769	0.9229	0.150719	0.7131
10808348	Wfdc1	-0.233779	0.9999	0.215530	0.8760	0.563380	0.4610	0.862293	0.0350
10808377	Crispld2	0.005416	0.9999	0.401359	0.5362	0.714609	0.1802	1.043796	0.0089
10808553	Acsf3	0.057477	0.9999	-0.568192	0.0071	-0.397193	0.1802	-0.314932	0.1836
10808620	Dpep1	0.051434	0.9999	-0.813838	0.0323	-0.559457	0.3811	-0.665855	0.0871
10808637	Cdk10	-0.078893	0.9999	0.472497	0.0138	0.319539	0.2698	0.194488	0.4274
10808708	Def8	0.093812	0.9999	0.448882	0.0109	0.308650	0.2265	0.270242	0.1616
10808774	Galnt2	0.188774	0.9999	-0.543393	0.0356	0.039157	0.9846	0.205166	0.5691
10808959	Nrp1	-0.046451	0.9999	-0.680752	0.0077	-0.519492	0.1200	-0.022575	0.9742
10809018	Cmtm3	0.013560	0.9999	-0.582227	0.0185	-0.276391	0.6625	-0.524326	0.0357
10809100	Ndrp4	0.122086	0.9999	0.088681	0.9012	0.170483	0.7856	0.411430	0.0308
10809278	Arl2bp	0.089677	0.9999	-0.364061	0.0190	-0.378123	0.0342	-0.312883	0.0472
10809328	Herpud1	0.000428	0.9999	0.504542	0.0958	0.578858	0.0975	0.977066	0.0010
10809392	Mt1a	0.070674	0.9999	-1.123168	0.0410	-0.675044	0.5557	-0.412456	0.6004
10809399	Mt2A	0.003174	0.9999	-1.090031	0.0399	-1.076934	0.0963	-0.958033	0.0719
10809428	Gnao1	-0.081508	0.9999	-0.568657	0.1443	-0.870739	0.0248	-0.686850	0.0486
10809824	Gpt2	0.138274	0.9999	0.350231	0.3314	0.500233	0.1692	0.674252	0.0136
10809856	Orc6l	-0.083405	0.9999	-0.243891	0.6658	-0.233401	0.8259	-0.609927	0.0317
10809912	Man2b1	0.074787	0.9999	-0.434474	0.0050	-0.245927	0.3437	-0.116013	0.6263
10810029	Dnase2a	-0.064648	0.9999	-0.371895	0.0411	-0.046012	0.9717	0.002951	0.9953
10810493	Lsm6	0.008056	0.9999	-0.002480	0.9981	-0.258014	0.6547	-0.569044	0.0156
10810503	Slc10a7	0.084180	0.9999	-0.374062	0.0185	-0.144093	0.7851	-0.023600	0.9524
10810553	B3gnt9	0.096528	0.9999	-0.764898	0.0007	-0.411139	0.2050	-0.532415	0.0222
10810591	Fhod1	0.261275	0.9999	0.418612	0.0377	0.460398	0.0476	0.265837	0.2282
10810727	Psmb10	-0.121368	0.9999	-0.500422	0.0060	-0.342111	0.1871	-0.709848	0.0005
10810743	Slc12a4	-0.039621	0.9999	0.519969	0.0051	0.424280	0.0674	0.385984	0.0461
10811160	Ldhd	0.202071	0.9999	-0.199257	0.3130	0.148331	0.7362	0.354194	0.0192
10811293	Gesh	-0.061968	0.9999	-0.156252	0.5400	-0.259076	0.2470	-0.303258	0.0498
10811651	Aprt	0.045751	0.9999	-0.373230	0.0125	-0.269138	0.2006	-0.159637	0.3931
10811663	Galns	0.025251	0.9999	-0.684506	0.0180	-0.439497	0.3626	-0.118224	0.8265
10811708	Ankrd11	0.116179	0.9999	0.332071	0.0524	0.377472	0.0529	0.394671	0.0189
10811747	Spata2L	-0.023030	0.9999	0.742036	0.0013	0.511007	0.0774	0.245836	0.4084
10811768	Fanca	-0.032148	0.9999	-0.330071	0.0600	-0.246062	0.3929	-0.334496	0.0497
10812315	Fam172a	0.093986	0.9999	-0.791835	0.0154	-0.364685	0.6661	-0.151979	0.7966
10812416	Rps23	-0.069290	0.9999	-0.041387	0.9795	-0.148557	0.9443	-0.717604	0.0197
10812456	Dhfr	-0.110516	0.9999	-0.510418	0.0560	-0.672733	0.0204	-0.625199	0.0170
10812515	Arsb	0.119334	0.9999	-0.879666	0.0006	-0.500839	0.1520	-0.424752	0.1283
10812524	Arsb	0.120007	0.9999	-0.916975	0.0032	-0.571825	0.2067	-0.687030	0.0341
10812834	Adamts6	0.079789	0.9999	0.399778	0.4337	0.746975	0.0728	0.719244	0.0372
10812943	Pde4d	0.037659	0.9999	-0.086034	0.9536	0.511926	0.2905	0.798586	0.0132
10813029	Slc38a9	0.036972	0.9999	0.555005	0.0153	0.260639	0.6518	0.407331	0.0887

10813236	Sepp1	-0.013555	0.9999	-0.910839	0.0015	-0.508148	0.2463	-0.189187	0.6888
10813330	Rpl37	-0.077143	0.9999	0.006330	0.9945	-0.114360	0.9268	-0.503773	0.0128
10813445	Lifr	0.443067	0.9999	-1.162917	0.0008	-0.448570	0.5679	0.087952	0.9096
10813732	Zfr	0.060676	0.9999	0.504713	0.0198	0.449110	0.1002	0.585559	0.0088
10813969	Ankh	0.251252	0.9999	-0.134011	0.8505	0.360771	0.3432	0.546361	0.0206
10814142	---	0.089703	0.9999	0.222029	0.7980	0.292533	0.7992	0.708366	0.0338
10814194	RGD1565641	-0.311873	0.9999	-0.128606	0.9132	-0.305062	0.7080	-0.643998	0.0305
10814521	Aadacl1	0.083536	0.9999	0.238786	0.6011	0.410227	0.2825	0.687227	0.0079
10814650	Rpl221l	-0.173375	0.9999	-0.127841	0.9474	-0.221732	0.9388	-1.142416	0.0085
10814717	Zmat3	0.040650	0.9999	0.614913	0.0183	0.349501	0.4982	0.314028	0.3036
10814726	Pik3ca	-0.018222	0.9999	0.541742	0.0109	0.598583	0.0127	0.583690	0.0082
10814795	Usp13	-0.035685	0.9999	0.516947	0.0020	0.454547	0.0204	0.568392	0.0016
10814858	Atp11b	0.032894	0.9999	0.268893	0.4007	0.314967	0.4298	0.443292	0.0498
10814892	---	-0.080294	0.9999	0.003114	0.9976	-0.015859	0.9945	-0.437084	0.0470
10815099	Hspa4l	-0.326703	0.9999	1.297812	0.0137	0.786596	0.3835	0.796710	0.1674
10815176	Phf17	0.000260	0.9999	0.350389	0.1674	0.571586	0.0212	0.641534	0.0045
10815308	Mgst2	0.206645	0.9999	-0.867283	0.0768	-0.863992	0.1667	-1.227937	0.0095
10815474	Dclk1	0.030291	0.9999	-0.541289	0.0387	-0.324135	0.5488	-0.370904	0.1862
10815500	---	-0.305267	0.9999	-0.228526	0.7392	-0.219626	0.8697	-0.607226	0.0438
10815857	Schip1	0.066704	0.9999	0.188731	0.6093	0.274381	0.4713	0.459681	0.0229
10816144	Sfrp2	0.052116	0.9999	-1.253867	0.0051	-0.837925	0.1881	-0.484853	0.3980
10816807	Pbxip1	0.064646	0.9999	0.067900	0.9543	0.257562	0.7188	0.543970	0.0324
10817046	S100a16	-0.107392	0.9999	-0.111137	0.8788	-0.182259	0.8124	-0.446802	0.0372
10817061	S100a5	-0.011937	0.9999	-0.279314	0.1178	-0.122202	0.8614	-0.324164	0.0472
10817065	S100a6	-0.315628	0.9999	-0.211354	0.8106	-0.281919	0.8097	-0.826291	0.0132
10817186	S100a10	0.055857	0.9999	-0.160250	0.8412	-0.197983	0.8704	-0.595550	0.0299
10817297	Rfx5	0.089546	0.9999	0.286553	0.2355	0.257006	0.5185	0.509954	0.0109
10817331	Tmod4	0.227587	0.9999	-0.663156	0.0106	-0.220084	0.8213	0.149968	0.7289
10817419	Ctsk	-0.070856	0.9999	-1.282331	0.0001	-0.540697	0.2909	-0.522340	0.1460
10817527	Hist2h2ab	-0.189846	0.9999	-0.331881	0.8376	-0.746972	0.4885	-1.118718	0.0464
10817531	Hist2h2ab	0.017997	0.9999	-0.364530	0.3652	-0.411168	0.4279	-0.691048	0.0190
10817535	Hist2h3c2	0.035081	0.9999	-0.567609	0.1833	-0.630011	0.2257	-0.764895	0.0359
10817539	Hist2h2bb	-0.122485	0.9999	-0.630947	0.0932	-0.563170	0.2898	-0.769669	0.0285
10817666	Gja5	0.206103	0.9999	-1.067871	0.0020	-0.142455	0.9562	0.371281	0.4099
10817868	Igsf3	0.123968	0.9999	0.195085	0.8350	0.464060	0.4192	0.701707	0.0317
10818649	Lppr5	0.379474	0.9999	-1.509696	0.0203	-1.192914	0.1864	-0.657773	0.4282
10818708	F3	0.009677	0.9999	-0.523986	0.0344	-0.767036	0.0032	-0.898853	0.0005
10818793	Gclm	0.044132	0.9999	0.565401	0.0311	0.295417	0.6484	0.332382	0.2600
10819245	Manba	0.053177	0.9999	0.012893	0.9918	0.200420	0.8704	0.625233	0.0255
10819305	Emcn	-0.062447	0.9999	-0.783463	0.0109	-0.834265	0.0183	-0.692073	0.0276
10819500	---	-0.101135	0.9999	-1.188699	0.0044	-1.016020	0.0444	-0.804547	0.0685
10819726	Ctbs	-0.034889	0.9999	-0.474152	0.0520	-0.437069	0.1715	-0.531180	0.0254
10819737	Gng5	0.035296	0.9999	0.239772	0.4054	0.132456	0.8948	0.438494	0.0299
10819770	Eltld1	-0.172780	0.9999	-0.748972	0.0528	-0.747827	0.1173	-0.783849	0.0365
10819787	Dnajb4	-0.163741	0.9999	0.530031	0.0129	0.425738	0.1245	0.538808	0.0138
10820145	---	-0.120159	0.9999	-0.679629	0.0189	-0.295676	0.7223	-0.197973	0.6583
10820282	Vcan	-0.007744	0.9999	-0.909333	0.0382	-0.226093	0.9380	-0.294579	0.6550

10820308	Atp6ap11	0.315425	0.9999	-1.326672	0.0142	-0.143207	0.9713	-0.046947	0.9743
10820577	F2rl1	-0.424403	0.9999	1.315829	0.0038	0.935964	0.1200	0.479539	0.4184
10820835	Map1b	-0.066449	0.9999	0.634530	0.0804	0.877519	0.0223	0.724888	0.0342
10821050	Pik3r1	0.113111	0.9999	-0.705430	0.0393	-0.051291	0.9846	0.055968	0.9451
10821632	Ghr	0.110018	0.9999	-0.668603	0.0461	-0.463587	0.4250	0.016141	0.9859
10821666	C7	-0.258495	0.9999	-2.371834	0.0003	-2.180661	0.0023	-1.941725	0.0052
10821695	Rps15a	-0.142319	0.9999	0.109040	0.9452	-0.133025	0.9562	-0.798910	0.0252
10821698	Osmr	0.011954	0.9999	-0.937880	0.0192	-0.894405	0.0660	-0.702237	0.0942
10822043	Cdh6	0.035983	0.9999	-0.274394	0.0415	-0.148143	0.6525	-0.000362	0.9989
10822424	Cyp7b1	-0.060965	0.9999	-0.617839	0.0013	-0.498601	0.0263	-0.518053	0.0104
10822637	Skil	-0.086186	0.9999	0.519181	0.1397	0.581952	0.1681	0.659711	0.0350
10822781	Fxr1	-0.008668	0.9999	-0.214277	0.6824	-0.304427	0.5977	-0.554069	0.0308
10823102	Setd7	-0.033651	0.9999	0.405051	0.0650	0.362130	0.2289	0.438825	0.0370
10823278	Tm4sf1	-0.259694	0.9999	-1.514697	0.0008	-1.173322	0.0261	-1.433033	0.0029
10823309	Serp1	-0.112832	0.9999	-0.172934	0.6188	-0.263480	0.4380	-0.460514	0.0163
10823338	Siah2	-0.216383	0.9999	0.455102	0.0082	0.264540	0.3676	0.072144	0.8245
10823605	B3galnt1	-0.192257	0.9999	-0.733135	0.0043	-0.428402	0.2905	-0.470094	0.0871
10824031	Fhdc1	0.535294	0.9999	-1.037114	0.0044	-0.697217	0.1716	-0.410440	0.3721
10824294	Pmf1	0.064398	0.9999	-0.477256	0.1006	-0.464333	0.2252	-0.742364	0.0070
10824349	Syt11	-0.167252	0.9999	1.375130	0.0007	1.548348	0.0004	1.485440	0.0008
10824965	Mllt11	-0.722092	0.9999	1.166575	0.0380	0.951305	0.2294	0.251248	0.7986
10825113	Plekho1	0.142183	0.9999	0.120825	0.7333	0.154818	0.7394	0.319126	0.0427
10825144	Hist2h3c2	0.035081	0.9999	-0.567609	0.1833	-0.630011	0.2257	-0.764895	0.0359
10825146	Hist2h2ab	0.021753	0.9999	-0.360233	0.3731	-0.417891	0.4075	-0.688787	0.0190
10825236	Rpl38	-0.040517	0.9999	0.017847	0.9806	-0.144447	0.7159	-0.343543	0.0170
10825472	Atp1a1	0.180057	0.9999	-0.363920	0.0208	-0.131500	0.8255	0.045880	0.8909
10825575	Olfml3	0.073361	0.9999	-1.476481	0.0002	-0.848766	0.0858	-0.914838	0.0232
10825931	Gstm4	0.029648	0.9999	-0.626080	0.0086	-0.530418	0.0721	-0.275956	0.3429
10825940	Ampd2	0.142207	0.9999	0.317747	0.1711	0.355817	0.2041	0.536322	0.0089
10825992	Sypl2	-0.202828	0.9999	1.517518	0.0003	0.640760	0.3681	0.088896	0.9265
10825994	Sypl2	-0.171387	0.9999	0.909246	0.0007	0.443865	0.3017	0.205447	0.6179
10826249	Vcam1	0.023488	0.9999	-1.583862	0.0006	-1.052592	0.0583	-0.614974	0.2438
10826682	Alpk1	-0.009554	0.9999	-0.114523	0.7556	0.067396	0.9484	0.319634	0.0400
10826814	Ostc	-0.249583	0.9999	0.005564	0.9966	-0.363631	0.5250	-0.667714	0.0189
10826818	Rpl34	-0.063680	0.9999	0.031290	0.9693	-0.044010	0.9678	-0.328297	0.0322
10826866	LOC686753	0.108064	0.9999	0.230451	0.3301	0.295550	0.2571	0.373452	0.0347
10827094	Gbp1	0.187397	0.9999	-0.958760	0.0013	-0.369012	0.6085	-0.337363	0.3755
10827349	Ifi44	-0.138880	0.9999	-0.687913	0.0723	-0.841533	0.0488	-0.442076	0.2916
10827796	RT1-N3	-0.076428	0.9999	-0.693262	0.0006	-0.605258	0.0079	-0.728028	0.0010
10827809	RT1-S3	-0.234324	0.9999	-0.691112	0.0373	-0.696118	0.0787	-0.669166	0.0405
10827820	RT1-T24-4	-0.042027	0.9999	-0.713490	0.0008	-0.704159	0.0026	-0.603854	0.0076
10827846	Abcf1	-0.044546	0.9999	0.355529	0.0475	0.160060	0.7773	0.146956	0.5448
10828344	RT1-Da	-0.133265	0.9999	-0.557472	0.0301	-0.649331	0.0241	-0.598866	0.0202
10828357	Psmb9	-0.183832	0.9999	-0.569693	0.0415	-0.506840	0.1721	-0.520156	0.0620
10828384	Slc39a7	-0.044244	0.9999	-0.099787	0.8933	-0.148409	0.8704	-0.420145	0.0395
10828433	Rps18	-0.105917	0.9999	-0.003030	0.9977	-0.097007	0.9562	-0.687420	0.0088
10828614	---	-0.109090	0.9999	0.463587	0.0194	0.389243	0.1357	0.355720	0.0854



10828737	Rpl10a	-0.036187	0.9999	-0.128757	0.6480	-0.154700	0.6899	-0.314463	0.0317
10828827	Cdkn1a	0.175675	0.9999	0.725883	0.0100	0.366849	0.5289	0.305436	0.3853
10829046	Glp1r	0.055826	0.9999	0.190178	0.8212	0.696609	0.0529	0.674817	0.0279
10829137	Pde9a	-0.063995	0.9999	-0.378588	0.0430	-0.144181	0.8488	-0.088493	0.7827
10829367	Adarb1	0.030530	0.9999	0.472163	0.2161	0.547280	0.2262	0.700772	0.0279
10829378	Col18a1	0.078188	0.9999	-0.647848	0.0370	-0.293178	0.7536	0.007512	0.9925
10829437	Col6a1	0.047001	0.9999	-1.193555	0.0020	-0.529015	0.5126	-0.644588	0.1324
10829470	Col6a2	0.039747	0.9999	-1.028738	0.0029	-0.460429	0.5304	-0.630202	0.0908
10829713	Bicc1	0.170472	0.9999	-0.849309	0.0033	-0.653617	0.0726	-0.605663	0.0453
10829738	Phyhipl	0.079381	0.9999	-0.575814	0.0101	-0.488757	0.0767	-0.319337	0.2002
10829933	RGD1562230	-0.084558	0.9999	-1.025305	0.0175	-0.655575	0.3639	-0.339989	0.5871
10829976	Psap	0.161220	0.9999	-0.079530	0.7898	0.061313	0.9380	0.239587	0.0410
10830189	Gja1	0.079593	0.9999	-0.719823	0.0142	-0.414013	0.4427	0.078013	0.9027
10830989	Ppp1r10	0.040449	0.9999	0.302650	0.2457	0.367990	0.2183	0.547767	0.0105
10831077	Ier3	-0.274129	0.9999	0.848393	0.0020	0.740136	0.0217	0.523590	0.0743
10831247	G7c	-0.031809	0.9999	0.385690	0.1471	0.497705	0.0835	0.488025	0.0380
10831300	Neu1	0.034838	0.9999	0.111059	0.7811	0.313262	0.1275	0.491183	0.0029
10831595	Psmb8	-0.158940	0.9999	-0.424453	0.0597	-0.500649	0.0488	-0.441378	0.0426
10831825	RGD1306917	-0.127406	0.9999	-0.085022	0.9133	-0.143266	0.8704	-0.452852	0.0215
10831874	Rps10	-0.011380	0.9999	0.057463	0.9281	-0.013543	0.9932	-0.321483	0.0343
10832076	LOC689755	0.061897	0.9999	-0.746178	0.0065	-0.258129	0.7781	-0.031060	0.9651
10832163	Wdr4	-0.024555	0.9999	0.391569	0.0411	0.295728	0.3159	0.139623	0.6151
10832831	Jmjd1c	0.150949	0.9999	0.358383	0.3352	0.418459	0.3598	0.724036	0.0102
10832833	Jmjd1c	0.030895	0.9999	0.369083	0.5191	0.410805	0.6264	0.748141	0.0342
10832840	---	-0.061866	0.9999	-1.475879	0.0114	-0.870492	0.3865	-0.772728	0.2462
10832865	Tceb1	-0.028483	0.9999	0.011680	0.9914	-0.088897	0.9567	-0.495140	0.0419
10832920	Ddit4	0.182125	0.9999	0.646006	0.0100	0.591991	0.0482	0.689621	0.0082
10833588	Marcks	-0.095755	0.9999	-0.657971	0.0156	-0.544037	0.1219	-0.602238	0.0299
10834022	Arrdc3	0.444387	0.9999	-1.084861	0.0208	-0.274695	0.9257	0.096121	0.9286
10834967	Slc27a4	-0.092553	0.9999	0.569052	0.0013	0.298237	0.2829	0.186723	0.4179
10835498	Ppapdc3	0.039044	0.9999	0.441704	0.1540	0.381384	0.4350	0.609867	0.0257
10835645	LOC499782	-0.023670	0.9999	-0.015147	0.9844	-0.079027	0.9432	-0.440290	0.0068
10835654	Angptl2	0.192705	0.9999	-1.313074	0.0019	-0.572089	0.5251	-0.350908	0.5782
10835975	Rps20	-0.043233	0.9999	-0.034490	0.9760	-0.050893	0.9732	-0.498250	0.0166
10836067	Rpl37	-0.036413	0.9999	0.014017	0.9873	-0.087200	0.9438	-0.399790	0.0259
10836072	Acvr2a	-0.070156	0.9999	0.204379	0.7238	0.209932	0.8384	0.571644	0.0287
10836321	Pkp4	0.070083	0.9999	0.140009	0.7857	0.113409	0.9300	0.457126	0.0250
10836504	Xirp2	-0.515148	0.9999	1.704832	0.0229	1.701324	0.0568	0.678364	0.4990
10836849	Itga6	-0.471383	0.9999	1.095662	0.0020	0.605148	0.2786	0.314305	0.5389
10837366	Slc43a3	0.157104	0.9999	-0.581218	0.0018	-0.502487	0.0217	-0.344478	0.0856
10837424	Aplnr	0.121061	0.9999	-0.599252	0.1067	-0.564407	0.2643	-0.742205	0.0305
10837881	Lrp4	0.095361	0.9999	0.243920	0.4972	0.413277	0.1822	0.501358	0.0280
10837960	Arhgap1	-0.082682	0.9999	-0.235355	0.2075	-0.484899	0.0034	-0.135861	0.5196
10838155	Cat	0.248146	0.9999	0.371492	0.3792	0.235329	0.8509	0.601433	0.0480
10838170	Abtb2	-0.126573	0.9999	0.557936	0.0238	0.282066	0.6466	0.282220	0.3398
10838451	Lpcat4	0.020508	0.9999	0.411222	0.0017	0.252466	0.1714	0.204261	0.1674
10838704	Ivd	0.083288	0.9999	-0.646768	0.0283	-0.222513	0.8592	0.232095	0.5809

10838729	Rpusd2	0.095751	0.9999	0.289743	0.4533	0.424155	0.2641	0.654170	0.0117
10839400	Rpl32	-0.096547	0.9999	0.015893	0.9861	-0.096057	0.9392	-0.427880	0.0209
10839751	Polr1b	-0.045166	0.9999	0.472036	0.2386	0.369580	0.6484	0.645920	0.0499
10839803	Rpl2211	-0.183323	0.9999	-0.177159	0.9213	-0.298348	0.8844	-1.174354	0.0082
10839876	Rps12	-0.174583	0.9999	0.007727	0.9959	-0.168693	0.9433	-0.784022	0.0224
10839947	Mrps26	0.073805	0.9999	-0.120671	0.7907	-0.200026	0.6518	-0.377364	0.0341
10840065	Smox	0.150421	0.9999	0.533057	0.0826	0.614997	0.0804	0.624521	0.0314
10840076	Prnp	-0.258776	0.9999	0.703175	0.0398	0.613434	0.1806	0.117709	0.8583
10840183	Plcb4	0.004781	0.9999	-0.732147	0.0389	-0.443360	0.5357	-0.008545	0.9925
10840721	Gins1	-0.122361	0.9999	-0.642791	0.1107	-0.500222	0.4733	-0.847281	0.0219
10840803	Csnk2a1	0.069446	0.9999	0.096694	0.8744	0.200658	0.6669	0.455597	0.0136
10842436	Rpl38	-0.043953	0.9999	0.030870	0.9678	-0.138453	0.7590	-0.335313	0.0215
10842486	Pard6b	-0.064219	0.9999	0.443586	0.0316	0.421756	0.0984	0.337342	0.1184
10842500	RGD1562846	-0.413193	0.9999	0.906458	0.0444	0.574956	0.5185	0.229972	0.7601
10842644	Npep11	0.162499	0.9999	-0.502052	0.0128	-0.258669	0.5413	-0.203502	0.4316
10842667	Rpl24	-0.138658	0.9999	0.116113	0.9138	-0.169842	0.9073	-0.616250	0.0227
10842707	RGD1311952	-0.002872	0.9999	-0.025373	0.9722	0.012029	0.9932	0.266682	0.0490
10842805	Rps21	-0.034303	0.9999	0.007063	0.9959	-0.115387	0.9562	-0.694057	0.0267
10842964	Ppdpf	0.136537	0.9999	-0.047790	0.9519	0.257417	0.3627	0.524839	0.0029
10843013	Zgpat	0.079266	0.9999	0.240826	0.1128	0.190208	0.4620	0.307785	0.0272
10843357	Tubb2c	-0.076056	0.9999	0.341457	0.0432	0.200107	0.5904	0.105020	0.6865
10843438	Uap111	0.160558	0.9999	-0.527083	0.0163	-0.242234	0.6733	-0.160906	0.6254
10843863	Rps13	-0.087093	0.9999	0.058406	0.9767	-0.168118	0.9467	-0.792507	0.0317
10843938	Sardh	0.192918	0.9999	-0.699777	0.0020	-0.222313	0.7606	-0.053934	0.9165
10844183	Crat	0.212660	0.9999	0.107784	0.8245	0.104168	0.9177	0.410692	0.0195
10844198	Ier51	0.138122	0.9999	-0.315248	0.1833	-0.339311	0.2541	-0.412998	0.0423
10844296	LOC499779	-0.080427	0.9999	-0.095886	0.9377	-0.240165	0.8033	-0.619856	0.0247
10844302	Dnm1	0.104374	0.9999	-0.391812	0.0199	-0.197306	0.6306	-0.152729	0.5006
10844883	Rpl35	-0.087163	0.9999	0.089860	0.8464	-0.100633	0.9003	-0.358405	0.0214
10844946	Rps17	-0.148832	0.9999	0.040459	0.9795	-0.119478	0.9562	-0.813722	0.0081
10845060	Gtdc1	-0.145746	0.9999	-0.616553	0.0380	-0.058769	0.9779	-0.064298	0.9216
10845429	Acvr1	0.122195	0.9999	0.606354	0.0183	0.515588	0.1183	0.433546	0.1102
10845607	Rbms1	-0.041034	0.9999	-0.340815	0.0041	-0.328576	0.0183	-0.236266	0.0577
10846185	Gpr155	-0.044736	0.9999	0.394705	0.0961	0.335479	0.3464	0.508022	0.0214
10846854	Serping1	0.003681	0.9999	-0.852089	0.0182	-0.479660	0.5060	-0.420641	0.3274
10846928	---	-0.363959	0.9999	-0.245372	0.8857	-0.355359	0.8697	-1.000561	0.0402
10847562	Tspan18	0.246236	0.9999	-0.867825	0.0032	-0.106477	0.9602	0.276562	0.4982
10847572	Cd82	-0.042227	0.9999	-1.140727	0.0016	-0.686055	0.1833	-0.816506	0.0310
10847957	Prrg4	-0.359445	0.9999	0.906638	0.0403	0.803442	0.1703	0.617349	0.1919
10847995	Rpl35a	-0.154888	0.9999	0.025305	0.9828	-0.202113	0.7853	-0.775078	0.0010
10848891	Ttbk2	0.146195	0.9999	0.042648	0.9762	0.232711	0.7793	0.590671	0.0215
10849048	Hisppd2a	-0.626516	0.9999	1.464370	0.0003	1.050183	0.0242	0.733043	0.0870
10849228	---	-0.111283	0.9999	-0.481918	0.0380	-0.573649	0.0261	-0.449217	0.0514
10849889	Cpxm1	0.018841	0.9999	-0.954461	0.0013	-0.562737	0.1802	-0.486315	0.1381
10850131	Pcna	0.013819	0.9999	-0.120603	0.9382	-0.359601	0.7053	-0.745462	0.0321
10850315	Flrt3	0.205486	0.9999	0.100440	0.9024	0.242376	0.6615	0.549713	0.0129
10850525	Thbd	0.197991	0.9999	-1.479420	0.0007	-0.997914	0.0675	-0.608710	0.2281

10850530	Cd93	-0.202792	0.9999	-0.785586	0.0156	-0.682755	0.0934	-0.846567	0.0111
10850878	Comm7	-0.013645	0.9999	-0.261682	0.4006	-0.240403	0.6638	-0.438370	0.0448
10851407	Chd6	0.087129	0.9999	-0.050857	0.9693	0.258673	0.7027	0.571281	0.0215
10851787	LOC685574	0.040610	0.9999	0.086661	0.9273	0.197861	0.8033	0.520117	0.0217
10851861	Prex1	0.103528	0.9999	0.167888	0.7643	0.504418	0.0717	0.644572	0.0064
10851960	Spata2	0.187418	0.9999	0.418878	0.0245	0.222035	0.6048	0.281570	0.1642
10852144	Pmepa1	0.056563	0.9999	1.199369	0.0007	1.212588	0.0018	0.929668	0.0120
10852415	Ythdf1	0.069497	0.9999	0.285593	0.0439	0.167900	0.5901	0.280165	0.0445
10852740	Rpl10a	-0.054453	0.9999	-0.127507	0.6315	-0.159810	0.6486	-0.298347	0.0347
10852799	Prkag2	-0.078718	0.9999	-0.307485	0.1662	-0.473664	0.0301	-0.049300	0.9058
10852836	Smarcd3	-0.049667	0.9999	0.381849	0.0380	0.090721	0.9432	0.174970	0.4520
10852964	Tomm7	-0.017950	0.9999	-0.028907	0.9795	-0.106100	0.9433	-0.458093	0.0338
10852987	Srpk2	0.104798	0.9999	0.039857	0.9654	0.177365	0.7233	0.400241	0.0227
10853396	Steap1	-0.069774	0.9999	-0.830322	0.0164	-1.029897	0.0070	-1.074502	0.0029
10853469	Fzd1	0.041954	0.9999	-0.742982	0.0153	-0.814634	0.0194	-0.620079	0.0468
10853508	Gatad1	0.018962	0.9999	-0.106327	0.7791	-0.162332	0.6832	-0.329300	0.0307
10853663	Rpl31	-0.069953	0.9999	0.074870	0.9649	-0.110340	0.9606	-0.751969	0.0208
10853797	Tes	-0.122423	0.9999	0.586515	0.1031	0.841999	0.0241	0.267157	0.5689
10853816	Cav1	-0.119027	0.9999	-1.445863	0.0013	-0.861270	0.1706	-1.020319	0.0295
10854199	Tspan33	0.095320	0.9999	0.161561	0.4627	0.335782	0.0476	0.314055	0.0305
10854365	Exoc4	-0.095293	0.9999	-0.902538	0.0217	-0.477652	0.5910	-0.160483	0.8266
10854437	Bpgm	0.245272	0.9999	-0.091139	0.9388	0.257712	0.7504	0.657545	0.0154
10855185	---	-0.364940	0.9999	-0.211892	0.9682	-0.814236	0.8386	-2.022469	0.0461
10855416	Tmem176a	0.078421	0.9999	-2.334852	0.0000	-1.480423	0.0043	-0.863429	0.0845
10855506	Npy	-0.119933	0.9999	-0.826834	0.0170	-0.866293	0.0289	-0.746266	0.0338
10855549	Snx10	0.099954	0.9999	0.615764	0.0361	0.273922	0.7606	0.344359	0.3062
10855637	Wipf3	-0.015289	0.9999	0.371563	0.0484	0.221794	0.5904	0.362047	0.0506
10855664	MGC95152	0.128862	0.9999	0.019717	0.9861	0.377382	0.2805	0.869170	0.0005
10855668	Znrf2	0.083558	0.9999	-0.492355	0.0247	-0.193918	0.7990	0.102609	0.7925
10855674	LOC499782	-0.031593	0.9999	-0.018767	0.9828	-0.084720	0.9380	-0.475240	0.0038
10855785	Fkbp9	0.092412	0.9999	-0.436933	0.0440	-0.046198	0.9749	0.203464	0.4567
10855881	Herc3	0.204943	0.9999	0.328860	0.4835	0.356785	0.6075	0.615511	0.0419
10855946	---	-0.792271	0.9999	-0.164044	0.9720	-1.160513	0.4823	-1.805584	0.0365
10856468	Tbx15	-0.023201	0.9999	0.433955	0.0192	0.203261	0.6758	0.063150	0.8656
10856474	Reg3b	0.134334	0.9999	-2.407356	0.0049	-0.830765	0.7606	-0.656138	0.6161
10856488	Reg1a	0.158898	0.9999	-1.026282	0.0015	-0.628289	0.1668	-0.518022	0.1521
10856747	Nagk	0.019393	0.9999	-0.579047	0.0009	-0.474409	0.0198	-0.524291	0.0048
10856764	Zfml	0.121996	0.9999	0.261810	0.6318	0.315237	0.6756	0.574408	0.0500
10856965	Snrpg	-0.078483	0.9999	-0.165291	0.8352	-0.182595	0.8948	-0.671553	0.0168
10857310	Lsm3	-0.058947	0.9999	-0.174517	0.6627	-0.338734	0.2509	-0.550977	0.0076
10857460	Glt8d4	0.220223	0.9999	-0.542788	0.0309	-0.182999	0.8696	-0.160218	0.6821
10857610	Bhlhe40	0.035024	0.9999	0.572991	0.1548	0.649935	0.1741	0.808848	0.0225
10857984	Pparg	0.117725	0.9999	-0.295784	0.0781	-0.254412	0.2943	-0.332674	0.0359
10858165	Cxcl12	-0.092718	0.9999	-0.911391	0.0194	-1.071884	0.0155	-0.919168	0.0206
10858182	---	0.157715	0.9999	0.170536	0.9004	0.443790	0.5805	0.750391	0.0388
10858370	Usp18	-0.648119	0.9999	-2.162544	0.0000	-2.153408	0.0000	-2.095557	0.0000
10858655	Clr	0.078958	0.9999	-1.114118	0.0019	-0.668668	0.1957	-0.367398	0.4403

10859003	Fgf23	-0.163446	0.9999	-0.495479	0.0416	-0.416535	0.2189	-0.414324	0.0949
10859086	Clec2dl1	-0.201005	0.9999	-1.164369	0.0004	-1.185839	0.0007	-1.210492	0.0007
10859090	LOC689800	0.117036	0.9999	-0.545793	0.0051	-0.334554	0.2632	-0.375363	0.0684
10859108	Clec2g	-0.139244	0.9999	-1.209490	0.0000	-0.886321	0.0023	-1.093703	0.0003
10859392	Mgst1	0.376390	0.9999	-1.020762	0.0052	-0.545351	0.4092	-0.187355	0.7763
10859988	---	0.038931	0.9999	0.418661	0.0463	0.386391	0.1587	0.191445	0.4739
10860058	Abcb8	0.013529	0.9999	-0.419930	0.0252	-0.251660	0.4900	-0.099885	0.7548
10860226	Lrrc17	-0.041591	0.9999	-1.012669	0.0369	-0.826937	0.2239	-0.818257	0.0992
10860351	Hgf	-0.037230	0.9999	-0.495589	0.0131	-0.383231	0.1549	-0.319919	0.1381
10860597	Steap4	0.253661	0.9999	-1.065483	0.0370	-0.619970	0.5717	-0.195079	0.8367
10860900	Pdk4	0.431408	0.9999	0.354529	0.5946	0.568748	0.3454	1.015906	0.0076
10860939	Shfm1	0.048719	0.9999	-0.084378	0.9659	-0.227028	0.9139	-0.848279	0.0237
10860951	Asns	-0.340261	0.9999	1.016855	0.0202	0.504668	0.6431	0.277262	0.6915
10860996	Rpa3	-0.209129	0.9999	-0.423624	0.4693	-0.532479	0.4419	-0.896365	0.0199
10861117	LOC500034	0.136621	0.9999	0.188485	0.6760	0.270933	0.5822	0.505779	0.0227
10861554	Ube2h	0.103168	0.9999	0.120549	0.8268	0.268681	0.4665	0.531466	0.0082
10861624	RGD1566215	0.066926	0.9999	-0.634475	0.0403	-0.342846	0.6502	-0.021461	0.9792
10861662	Podxl	0.564500	0.9999	-1.048126	0.0020	-0.442056	0.5654	-0.317647	0.5039
10861676	Rpl38	-0.042700	0.9999	0.013087	0.9859	-0.141813	0.7536	-0.340763	0.0214
10861835	Ptn	-0.035681	0.9999	-1.179893	0.0124	-0.945034	0.1217	-0.984556	0.0400
10861986	Insig1	-0.116665	0.9999	-0.455089	0.0377	-0.102651	0.9458	-0.127696	0.7148
10861997	Hipk2	0.074527	0.9999	0.568883	0.0453	0.159274	0.9268	0.162651	0.7200
10862014	Parp12	-0.130177	0.9999	-0.881655	0.0020	-0.864620	0.0079	-0.648886	0.0303
10862082	Braf	-0.005388	0.9999	0.128446	0.7337	0.133154	0.8452	0.380571	0.0229
10862359	---	-0.859251	0.9999	-0.069284	0.9867	-1.373321	0.3019	-1.826854	0.0343
10862415	Tmem176b	-0.003238	0.9999	-1.627359	0.0006	-0.901287	0.1701	-0.613269	0.2668
10862499	RGD1565415	-0.190380	0.9999	-0.076736	0.9501	-0.353569	0.5063	-0.713817	0.0090
10862634	Scrn1	-0.412925	0.9999	1.076353	0.0013	0.594325	0.2388	-0.225218	0.6797
10862666	Gars	-0.104897	0.9999	0.402210	0.0207	0.253677	0.4039	0.051397	0.8882
10862675	LOC499782	-0.031593	0.9999	-0.018767	0.9828	-0.084720	0.9380	-0.475240	0.0038
10862756	Lanc12	0.025248	0.9999	-0.452535	0.0451	-0.221847	0.7282	-0.138729	0.6904
10862795	Nap115	-0.087821	0.9999	0.188555	0.8778	0.405225	0.6518	0.749660	0.0380
10862834	Hint1	-0.076660	0.9999	0.008016	0.9960	-0.128810	0.9607	-0.777176	0.0404
10863426	Pole4	-0.090668	0.9999	0.053246	0.9688	-0.168317	0.8965	-0.555197	0.0314
10863489	Wbp1	0.062754	0.9999	-0.451827	0.0287	-0.114139	0.9307	0.233657	0.3405
10863653	LOC312502	-0.135051	0.9999	0.616666	0.0051	0.395440	0.2253	0.437877	0.0585
10863714	Pcyox1	0.072029	0.9999	0.129540	0.7769	0.246607	0.4823	0.370289	0.0448
10863772	Rpl22	-0.025099	0.9999	-0.007357	0.9945	-0.146333	0.9123	-0.504257	0.0336
10863993	Chchd6	-0.154619	0.9999	-0.378793	0.2458	-0.481209	0.1822	-0.680072	0.0111
10864302	Suclg2	-0.016145	0.9999	-0.417263	0.0416	-0.208023	0.7057	-0.174717	0.5210
10864459	Pdzrn3	-0.255938	0.9999	0.716938	0.0010	0.629227	0.0127	0.654869	0.0049
10864623	Camk1	-0.014799	0.9999	-0.389417	0.0475	-0.258404	0.4788	-0.198095	0.4048
10864722	LOC362419	-0.068271	0.9999	-0.119408	0.7804	-0.197549	0.6329	-0.380163	0.0272
10864738	Raf1	0.070537	0.9999	0.098770	0.7891	0.142130	0.7405	0.314947	0.0301
10864769	Rpl32	-0.067983	0.9999	0.046463	0.9558	-0.063740	0.9584	-0.398623	0.0238
10864797	Plxnd1	0.043024	0.9999	-0.681729	0.0475	-0.427032	0.5348	-0.572094	0.1016
10864874	Rassf4	0.011984	0.9999	-1.158452	0.0007	-1.139623	0.0023	-0.602089	0.1013

10865442	C1s	-0.084624	0.9999	-1.991238	0.0013	-1.156468	0.1946	-0.760098	0.3139
10865452	Emg1	-0.016838	0.9999	-0.150085	0.5483	-0.244837	0.2670	-0.465449	0.0024
10865502	Eno2	0.017804	0.9999	0.170985	0.7002	0.360292	0.2342	0.482110	0.0221
10865578	Gpr162	0.125733	0.9999	0.181308	0.4223	0.204879	0.5011	0.322418	0.0372
10865715	Cd9	0.078283	0.9999	-0.760635	0.0020	-0.321638	0.5537	-0.186181	0.6253
10865724	Ntf3	0.332043	0.9999	-0.857882	0.0159	-0.173500	0.9452	0.241493	0.6636
10865782	Ccnd2	-0.122350	0.9999	0.499340	0.0042	0.297020	0.2704	0.347670	0.0570
10865956	RGD1562831	0.060711	0.9999	-0.363443	0.0408	-0.358789	0.0984	-0.421721	0.0174
10866401	Dusp16	-0.099244	0.9999	0.760595	0.0129	0.603966	0.1325	0.616211	0.0488
10866535	Rerg	-0.009685	0.9999	-0.716120	0.0192	-0.534230	0.2253	-0.454607	0.1766
10866544	Eps8	0.153433	0.9999	-0.676385	0.0158	-0.375456	0.5018	-0.473657	0.1116
10867026	Bhlhe41	0.474166	0.9999	-0.743427	0.0411	0.024052	0.9955	0.586885	0.1197
10867499	---	-0.059077	0.9999	-0.151758	0.7824	-0.115541	0.9380	-0.475784	0.0305
10867609	Tp53inp1	0.355013	0.9999	0.123291	0.9276	0.378154	0.6264	0.684654	0.0349
10867693	LOC500413	0.382129	0.9999	-0.761669	0.0186	-0.411551	0.5468	-0.171754	0.7577
10867761	Mmp16	0.165952	0.9999	-0.796942	0.0247	-0.571487	0.2949	-0.338203	0.4646
10868517	Car9	0.181856	0.9999	0.217089	0.4612	0.119399	0.9123	0.412893	0.0336
10868881	Col15a1	-0.045193	0.9999	-1.048231	0.0017	-0.919950	0.0193	-0.911910	0.0102
10868935	Sec61b	-0.085385	0.9999	-0.256956	0.7702	-0.255293	0.8746	-0.911952	0.0120
10869010	Zfp189	-0.079912	0.9999	0.302932	0.6459	0.385530	0.6502	0.699180	0.0414
10869094	Nipsnap3b	-0.032818	0.9999	-0.471778	0.0627	-0.393676	0.2850	-0.489366	0.0450
10869106	Slc44a1	-0.007871	0.9999	-0.901421	0.0000	-0.665963	0.0040	-0.550775	0.0122
10869249	Gng10	-0.083571	0.9999	-0.179379	0.6295	-0.217591	0.6683	-0.457874	0.0214
10869267	Hsd12	0.297782	0.9999	0.033596	0.9815	0.206146	0.8631	0.556422	0.0435
10869282	RGD1310951	0.181178	0.9999	0.038945	0.9519	0.297993	0.0782	0.423713	0.0030
10869574	Frmd3	-0.068000	0.9999	0.649510	0.0115	0.336935	0.5257	-0.035995	0.9553
10869616	Ptprd	0.152484	0.9999	-0.788605	0.0366	-0.326992	0.7978	-0.011575	0.9904
10869676	---	0.022684	0.9999	0.003159	0.9959	-0.004592	0.9986	0.334877	0.0206
10869737	---	0.082345	0.9999	-0.814558	0.0020	-0.550908	0.1173	-0.414836	0.1641
10869970	Fggy	-0.019945	0.9999	-0.589620	0.0404	-0.478278	0.2470	-0.347773	0.2850
10870043	Rps18	-0.153872	0.9999	-0.040255	0.9776	-0.156316	0.9275	-0.751608	0.0076
10870289	Lepr	0.037190	0.9999	-0.228539	0.0310	-0.117835	0.6526	-0.053540	0.7680
10870481	Ppap2b	0.346379	0.9999	-1.524010	0.0065	-0.912759	0.3111	-0.437326	0.6056
10870667	Yipf1	0.162227	0.9999	-0.417768	0.0182	-0.201827	0.6484	-0.095822	0.7505
10870733	Magoh	-0.102692	0.9999	-0.073166	0.9796	-0.297013	0.9341	-1.098727	0.0471
10870791	Orc11	-0.047812	0.9999	-0.392036	0.0600	-0.387273	0.1394	-0.407570	0.0427
10870847	Rab3b	0.098199	0.9999	-0.827874	0.0129	-0.140520	0.9522	0.171879	0.7680
10871081	---	-0.026762	0.9999	0.309125	0.0202	0.250986	0.1663	0.126124	0.4718
10871337	Rps20	-0.038847	0.9999	-0.028010	0.9795	-0.032857	0.9837	-0.491693	0.0190
10871419	Tmem53	0.211632	0.9999	-0.454395	0.0446	-0.214352	0.7498	-0.012987	0.9833
10871444	Slc6a9	0.079453	0.9999	0.838624	0.0122	0.642764	0.1521	0.687934	0.0432
10871521	Slc2a1	0.203657	0.9999	-0.092697	0.8974	0.171959	0.7913	0.462954	0.0179
10872093	Rpl35a	-0.153756	0.9999	0.032089	0.9806	-0.181922	0.8754	-0.803586	0.0024
10872252	A3galt2	0.077506	0.9999	-1.035608	0.0180	-0.568267	0.5271	-0.179031	0.8264
10872307	Sync	-0.041747	0.9999	0.221367	0.3936	0.120518	0.8948	0.388219	0.0341
10872326	Bsdcl	0.045652	0.9999	0.074368	0.9252	0.135169	0.8746	0.483995	0.0119
10872531	Rps20	-0.033770	0.9999	-0.033720	0.9720	-0.012687	0.9946	-0.414530	0.0205

10872585	Wdtd1	0.109368	0.9999	0.180471	0.5622	0.239994	0.5026	0.477023	0.0099
10872808	Paqr7	0.238490	0.9999	0.124107	0.8915	0.359357	0.4165	0.588988	0.0201
10872887	Myom3	0.009942	0.9999	0.206010	0.4781	0.305088	0.2805	0.492481	0.0099
10872972	Id3	-0.116918	0.9999	-0.801830	0.0498	-0.842878	0.0815	-0.862310	0.0307
10872991	Zfp46	0.092392	0.9999	-0.100838	0.9291	0.442722	0.2759	0.587498	0.0307
10873203	Ece1	0.066463	0.9999	-0.549019	0.0408	-0.300778	0.6431	-0.266483	0.4213
10873325	---	-0.049499	0.9999	0.019012	0.9856	-0.164422	0.8519	-0.425632	0.0467
10873341	Pla2g2a	-0.068368	0.9999	-1.437234	0.0013	-0.614773	0.5003	-0.318474	0.6512
10873606	Atp13a2	0.114113	0.9999	0.036840	0.9716	0.274304	0.4208	0.415031	0.0319
10873649	Rps21	-0.111181	0.9999	0.018046	0.9897	-0.126204	0.9539	-0.628650	0.0419
10873786	Rps20	-0.055007	0.9999	-0.045947	0.9643	-0.067793	0.9606	-0.489663	0.0143
10873801	Pramef8	0.043477	0.9999	0.269240	0.6425	0.202763	0.8938	0.676958	0.0258
10873814	---	0.222817	0.9999	-0.596300	0.0367	-0.521914	0.1670	-0.199793	0.6349
10873916	Rpl35a	-0.131338	0.9999	0.055435	0.9590	-0.173201	0.8557	-0.745314	0.0015
10874198	Tnfrsf9	-0.077214	0.9999	-0.354404	0.0194	-0.194802	0.5357	-0.294923	0.0570
10874425	LOC246295	0.033216	0.9999	0.319920	0.0408	0.182763	0.5996	0.303456	0.0505
10874691	Rps15a	-0.147197	0.9999	0.154838	0.9106	-0.141251	0.9562	-0.847099	0.0177
10874740	Dvl1	0.078923	0.9999	0.318634	0.0415	0.314362	0.1018	0.223274	0.1824
10874923	Tceb1	-0.062641	0.9999	-0.019867	0.9860	-0.150785	0.8946	-0.459324	0.0439
10874981	Sulf1	-0.229920	0.9999	-1.289034	0.0194	-0.745354	0.4906	-0.489911	0.5143
10875267	Rps20	-0.035870	0.9999	-0.028707	0.9786	-0.049967	0.9732	-0.501127	0.0174
10875642	Osgin2	-0.215452	0.9999	0.454662	0.0404	0.300868	0.4546	0.314938	0.1843
10875936	Znf292	0.188541	0.9999	0.067946	0.9586	0.135798	0.9427	0.564378	0.0368
10875939	Znf292	0.164565	0.9999	0.070808	0.9550	0.137778	0.9405	0.573014	0.0321
10876281	RGD1311249	-0.128793	0.9999	0.366909	0.0293	0.083125	0.9432	0.066946	0.8303
10876420	Rps20	-0.046423	0.9999	-0.033623	0.9767	-0.051917	0.9733	-0.517573	0.0190
10876531	---	-0.282470	0.9999	0.399039	0.0378	0.106536	0.9278	-0.092139	0.7805
10876761	Olr847	-0.136476	0.9999	-0.143487	0.1176	-0.162135	0.1339	-0.194020	0.0206
10876838	Klf4	0.038915	0.9999	-0.642146	0.0097	-0.581463	0.0505	-0.392477	0.1460
10877069	Lpar1	0.060172	0.9999	-0.821307	0.0021	-0.679636	0.0328	-0.523718	0.0662
10877446	Rpl31	-0.029090	0.9999	0.098270	0.9218	-0.080477	0.9616	-0.592483	0.0174
10877507	Dfnb31	0.147068	0.9999	0.408633	0.0185	0.211507	0.5904	0.131196	0.6082
10877581	LOC100362998	-0.093882	0.9999	0.031075	0.9670	-0.077314	0.9326	-0.312077	0.0290
10878221	Dock7	0.045621	0.9999	-0.510808	0.0190	-0.276335	0.5490	-0.186071	0.5386
10878428	Rpl32	-0.080087	0.9999	0.033810	0.9698	-0.061370	0.9584	-0.389173	0.0223
10878457	RGD1559493	0.289180	0.9999	0.535765	0.0404	0.236280	0.7734	0.191811	0.6111
10878635	Gpx7	-0.024744	0.9999	-0.612601	0.0298	-0.226143	0.8411	-0.288082	0.4112
10878954	Rps8	-0.027627	0.9999	0.035180	0.9694	-0.055543	0.9616	-0.401903	0.0205
10879134	Ptpnf	0.202250	0.9999	-0.628703	0.0116	-0.183009	0.8704	0.002629	0.9968
10879240	RGD1308616	0.038958	0.9999	0.063710	0.9452	0.136898	0.8948	0.419570	0.0443
10879244	RGD1308616	0.135985	0.9999	0.173038	0.7006	0.263754	0.5679	0.434512	0.0419
10879246	RGD1308616	0.135837	0.9999	0.107454	0.9123	0.203486	0.8259	0.526217	0.0337
10879278	Tie1	-0.058323	0.9999	-0.751977	0.0196	-0.547049	0.2530	-0.797630	0.0162
10879392	Rps27a	-0.148953	0.9999	0.062493	0.9574	-0.124030	0.9424	-0.517349	0.0350
10879915	Rpl37a	-0.078130	0.9999	-0.012430	0.9893	-0.097167	0.9433	-0.422157	0.0324
10880381	Eya3	0.128872	0.9999	0.024093	0.9767	0.058918	0.9562	0.332811	0.0320
10880408	Hmgn2	-0.045525	0.9999	-0.895503	0.0124	-0.836148	0.0500	-1.039752	0.0053

10880436	Sh3bgrl3	0.058661	0.9999	-0.760489	0.0130	-0.592953	0.1487	-0.624028	0.0456
10880552	Ldlrap1	0.137091	0.9999	-0.497350	0.0170	-0.300192	0.4192	0.024184	0.9636
10880710	Ephb2	0.085500	0.9999	0.324480	0.5088	0.543306	0.2008	0.683316	0.0259
10880727	C1qb	-0.094681	0.9999	-0.708618	0.0129	-0.624162	0.0736	-0.756241	0.0101
10880731	C1qc	0.026756	0.9999	-1.345194	0.0015	-0.950872	0.0768	-1.060486	0.0184
10880734	C1qa	0.042750	0.9999	-1.154781	0.0012	-0.863849	0.0459	-1.010180	0.0076
10880872	Pla2g5	-0.031184	0.9999	-1.441640	0.0001	-1.433701	0.0003	-0.951128	0.0128
10881216	Fhad1	-0.107985	0.9999	0.318997	0.0084	0.185817	0.3676	0.033547	0.8990
10881253	Tmem51	0.215204	0.9999	0.748455	0.0426	0.820599	0.0555	1.013289	0.0064
10881885	Vamp3	0.047095	0.9999	-0.300767	0.0038	-0.282940	0.0198	-0.185796	0.0979
10882317	Isg15	-0.420286	0.9999	-0.832209	0.0016	-0.864243	0.0032	-0.767499	0.0064
10882496	Galm	0.197445	0.9999	-0.089068	0.9471	0.269618	0.7779	0.692964	0.0200
10882525	Tmem178	0.010898	0.9999	-0.573145	0.0205	-0.633748	0.0241	-0.483185	0.0560
10882534	Sgk493	-0.228754	0.9999	-0.379053	0.2488	-0.689633	0.0209	-0.767340	0.0048
10882659	Ppm1b	-0.050512	0.9999	0.512298	0.0191	0.430342	0.1325	0.457817	0.0380
10882773	Socs5	-0.036199	0.9999	-0.355035	0.0298	-0.347610	0.0782	-0.417356	0.0112
10882933	Xdh	0.233173	0.9999	-0.831657	0.0119	-0.514001	0.3432	-0.217965	0.6765
10883443	LOC500625	0.021109	0.9999	-0.014284	0.9918	0.215356	0.8738	0.641607	0.0341
10883445	LOC500625	0.230108	0.9999	0.276244	0.4917	0.352962	0.4542	0.591351	0.0211
10884215	Twist1	0.049548	0.9999	-0.589078	0.0464	-0.614458	0.0804	-0.758695	0.0099
10884618	Timm23	-0.063737	0.9999	0.048940	0.9415	-0.146137	0.7579	-0.332331	0.0310
10884620	Rps10	-0.011400	0.9999	0.071507	0.8806	-0.003170	0.9986	-0.315540	0.0235
10884656	Psma6	-0.019322	0.9999	-0.111287	0.8726	-0.162026	0.8509	-0.474837	0.0227
10884896	Fau	-0.048807	0.9999	-0.039603	0.9587	-0.044310	0.9698	-0.328637	0.0402
10884924	Gsta4	0.238573	0.9999	-0.681254	0.0191	-0.400896	0.4665	-0.179895	0.7009
10885193	Ppm1a	0.033234	0.9999	0.326368	0.0234	0.293485	0.1074	0.363395	0.0132
10885205	Rpl35a	-0.125239	0.9999	0.049421	0.9678	-0.171528	0.8690	-0.784777	0.0012
10885299	Rhoj	0.081312	0.9999	-0.801112	0.0138	-0.317620	0.7521	-0.182365	0.7404
10885404	RGD1309051	-0.121051	0.9999	0.503448	0.0290	0.401419	0.2163	0.221916	0.4518
10885441	Churc1	-0.092036	0.9999	-0.328381	0.3592	-0.222863	0.8102	-0.583591	0.0257
10885769	Rgs6	0.339457	0.9999	-1.051232	0.0044	-0.741605	0.1368	-0.370386	0.4506
10886157	RGD1309492	0.021518	0.9999	0.244587	0.1572	0.178547	0.6110	0.309115	0.0419
10886185	LOC688717	-0.057880	0.9999	-0.174997	0.8151	-0.286044	0.7053	-0.565429	0.0412
10886573	Ifi27	-0.214406	0.9999	-0.960167	0.0280	-0.880387	0.1109	-1.125429	0.0109
10886671	Papola	0.090181	0.9999	0.254499	0.4518	0.219293	0.7445	0.466817	0.0375
10886693	Vrk1	0.049455	0.9999	-0.181317	0.7316	-0.460128	0.1270	-0.528498	0.0247
10886728	Hhip1l	0.045146	0.9999	0.509610	0.2918	1.225043	0.0020	0.793960	0.0341
10886756	Evl	0.092009	0.9999	-0.508446	0.0101	-0.197891	0.7406	-0.050487	0.9069
10887306	Tnfaip2	0.111729	0.9999	-0.713443	0.0237	-0.612313	0.1397	-0.450004	0.1934
10887481	---	0.026151	0.9999	-0.383729	0.0245	-0.325379	0.1520	-0.148102	0.5250
10887506	Siva1	-0.160015	0.9999	-0.492088	0.0522	-0.559419	0.0529	-0.667038	0.0080
10887719	Ncapg2	-0.005119	0.9999	-0.560273	0.0373	-0.469425	0.2008	-0.665284	0.0130
10887947	Cyp1b1	0.046271	0.9999	-0.848617	0.0294	-0.578074	0.3754	-0.449233	0.3269
10887990	Dhx57	0.124988	0.9999	0.257349	0.3439	0.273674	0.4676	0.539483	0.0085
10888021	Sos1	0.050556	0.9999	0.293079	0.4181	0.208096	0.8213	0.552951	0.0272
10888056	Map4k3	0.007043	0.9999	-0.705835	0.0003	-0.427356	0.0705	-0.402157	0.0400
10888301	Mcf2	-0.076228	0.9999	-0.209175	0.6452	-0.437702	0.1681	-0.605373	0.0111

10888612	Ypel5	0.182274	0.9999	0.207450	0.4382	0.245926	0.4665	0.479746	0.0090
10888953	Emilin1	0.188323	0.9999	-0.765057	0.0288	-0.197079	0.9278	-0.070716	0.9286
10888998	Mapre3	0.164828	0.9999	0.359837	0.0694	0.296078	0.3171	0.500014	0.0095
10889228	Mycn	-0.019469	0.9999	-0.446282	0.0157	-0.353318	0.1567	-0.337772	0.0787
10889269	Lpin1	0.321568	0.9999	0.186236	0.8779	0.564463	0.3089	0.951234	0.0090
10889590	Prkar2b	0.185801	0.9999	-0.699231	0.0453	-0.385239	0.6502	0.056125	0.9457
10889772	Stxbp6	-0.051195	0.9999	-0.727437	0.0278	-0.420439	0.5341	-0.122207	0.8473
10889961	Cfl2	-0.171963	0.9999	0.430547	0.0423	0.241017	0.6313	0.120693	0.7234
10890299	Rpl10a	-0.055307	0.9999	-0.114970	0.7272	-0.177413	0.5909	-0.349050	0.0190
10890860	Actn1	-0.474972	0.9999	0.855103	0.0144	0.629255	0.2007	0.182804	0.7639
10890891	Dcaf5	0.064351	0.9999	0.466259	0.0931	0.464433	0.1902	0.602132	0.0205
10891039	Numb	0.019587	0.9999	0.290653	0.2520	0.289487	0.4247	0.475121	0.0206
10891120	Aldh6a1	0.194438	0.9999	-0.763694	0.0475	-0.308001	0.8315	0.132194	0.8579
10891160	Npc2	-0.028940	0.9999	-0.330642	0.0404	-0.067317	0.9508	-0.083785	0.7563
10891203	RGD1307597	0.117903	0.9999	0.125396	0.6465	0.147718	0.7027	0.305304	0.0317
10891240	Pgf	0.148825	0.9999	0.827243	0.3155	1.606546	0.0217	1.157719	0.0685
10891561	Eml5	0.090760	0.9999	0.128413	0.5057	0.319206	0.0190	0.178348	0.1749
10891880	Prima1	0.176252	0.9999	0.160077	0.6961	0.716929	0.0004	0.307617	0.1399
10892074	RGD1304878	0.028510	0.9999	0.321100	0.2101	0.329614	0.3387	0.502756	0.0197
10892309	RGD1310269	0.278924	0.9999	-1.361131	0.0052	-1.246016	0.0298	-0.649335	0.2549
10892381	Nudt14	0.088952	0.9999	-0.820313	0.0031	-0.657030	0.0529	-0.489178	0.1051
10892702	Rpl32	-0.079977	0.9999	0.031553	0.9737	-0.064170	0.9562	-0.396270	0.0214
10892835	Itgb8	-0.032432	0.9999	-0.972512	0.0120	-0.531898	0.4733	-0.199050	0.7685
10892937	Rps19	-0.175042	0.9999	0.075999	0.9517	-0.177631	0.8956	-0.591738	0.0299
10893067	Stat2	-0.043392	0.9999	-0.711372	0.0100	-0.634363	0.0568	-0.205401	0.6218
10893586	Mrpl54	-0.118325	0.9999	-0.093078	0.8280	-0.214566	0.4333	-0.488543	0.0019
10893863	Adamts15	-0.191580	0.9999	0.585834	0.0278	0.216517	0.8337	-0.122503	0.7962
10893899	Gamt	0.085787	0.9999	-0.798655	0.0112	-0.261821	0.8315	-0.138394	0.8122
10894695	Igf1	-0.022700	0.9999	-1.336095	0.0242	-0.745798	0.5545	-0.555094	0.4749
10894939	RGD1565947	-0.078337	0.9999	-0.259156	0.8250	-0.649575	0.3311	-0.830044	0.0500
10895083	Lum	-0.106664	0.9999	-2.346478	0.0001	-1.601718	0.0217	-1.456632	0.0197
10895406	Phlda1	-0.108945	0.9999	0.009984	0.9952	-0.551692	0.2978	-0.695784	0.0448
10895766	Fam19a2	-0.048743	0.9999	-0.442198	0.0591	-0.414331	0.1741	-0.450655	0.0469
10895797	Cdk4	0.117050	0.9999	-0.306340	0.0183	-0.181893	0.4455	-0.111377	0.5348
10896263	Cthrc1	-0.026948	0.9999	-1.119418	0.0217	0.085300	0.9814	-0.122633	0.9074
10896836	Efr3a	0.194399	0.9999	-0.119772	0.8895	0.169150	0.8790	0.484428	0.0456
10896935	Wisp1	0.017448	0.9999	0.699736	0.2276	1.177402	0.0296	1.283690	0.0084
10896948	Khdrbs3	0.202444	0.9999	0.666386	0.0332	0.824101	0.0185	1.017580	0.0015
10897400	LOC686765	-0.150867	0.9999	-0.228122	0.3333	-0.115174	0.8970	-0.394849	0.0255
10897802	Rpl22	-0.045408	0.9999	-0.063776	0.9495	-0.166956	0.8587	-0.472165	0.0324
10897868	Sgsm3	0.062737	0.9999	0.244278	0.5104	0.423081	0.1772	0.461373	0.0470
10898268	Arhgap8	-0.094251	0.9999	-0.418895	0.0475	-0.412567	0.1166	-0.136740	0.6696
10898368	Ttc38	0.211116	0.9999	-0.734940	0.0297	-0.286500	0.8118	0.083450	0.9080
10899053	---	-0.319438	0.9999	-0.178911	0.5667	-0.145977	0.8402	-0.487185	0.0084
10899354	Acvrl1	-0.219037	0.9999	-0.782946	0.0021	-0.590848	0.0660	-0.586007	0.0293
10899396	RGD1359310	0.072328	0.9999	0.247316	0.4090	0.239260	0.6350	0.497807	0.0184
10899531	Pfdn5	-0.095806	0.9999	-0.080139	0.9517	-0.182330	0.9033	-0.564725	0.0500



10899824	Rpl41	-0.072213	0.9999	0.066197	0.9475	-0.061983	0.9698	-0.567947	0.0111
10899913	Dgka	0.082992	0.9999	0.184542	0.4626	0.281607	0.2368	0.347295	0.0349
10899947	Gdf11	0.272644	0.9999	0.058802	0.9407	0.293975	0.2721	0.406070	0.0235
10900358	Gadd45b	-0.097260	0.9999	0.787100	0.0013	0.677530	0.0183	0.469173	0.0707
10900583	Cirbp	0.093662	0.9999	-0.925231	0.0048	-0.535223	0.3111	-0.412711	0.2912
10900651	Abca7	-0.097107	0.9999	-0.132922	0.8734	0.514483	0.0970	0.758884	0.0030
10900782	Fstl3	-0.366093	0.9999	1.843254	0.0002	2.046346	0.0001	1.649974	0.0015
10901251	Rps20	-0.052127	0.9999	-0.038650	0.9692	-0.040107	0.9763	-0.445280	0.0190
10901842	Nedd1	-0.004851	0.9999	0.460034	0.1304	0.386310	0.4270	0.569541	0.0372
10902467	LOC499782	-0.040440	0.9999	-0.002597	0.9976	-0.073083	0.9499	-0.446977	0.0101
10902524	Frs2	0.050588	0.9999	0.074857	0.9519	0.211623	0.8488	0.586828	0.0300
10902694	---	-0.373077	0.9999	-0.386825	0.1057	-0.339652	0.3363	-0.613721	0.0064
10902765	Srgap1	-0.109657	0.9999	-0.582274	0.0053	-0.211045	0.7475	-0.085679	0.8325
10902952	Dtx3	0.100139	0.9999	0.388959	0.0369	0.233267	0.5350	0.159411	0.5194
10903061	Shmt2	-0.189318	0.9999	0.471039	0.0296	0.261033	0.5894	0.150342	0.6444
10903216	Rpl30	0.018073	0.9999	0.027353	0.9536	-0.098507	0.7482	-0.206587	0.0426
10903234	Nipal2	0.002525	0.9999	-0.572282	0.0188	-0.532014	0.0728	-0.176120	0.6312
10903725	Tnfrsf11b	-0.202727	0.9999	-1.359668	0.0298	-1.136221	0.1822	-0.758149	0.2912
10903977	---	-0.086493	0.9999	0.462358	0.0405	0.265100	0.5963	0.104023	0.7902
10904334	Trappc9	0.134450	0.9999	-0.674713	0.0395	-0.439340	0.4666	-0.324173	0.4242
10904653	Naprt1	0.110426	0.9999	-0.735422	0.0154	-0.223381	0.8704	-0.009322	0.9907
10904864	---	0.111363	0.9999	-0.407022	0.0219	-0.330346	0.1716	-0.122453	0.6530
10905128	Porf-2	0.158958	0.9999	-0.448810	0.0109	-0.089761	0.9427	0.022909	0.9590
10905177	---	-0.507644	0.9999	-0.752973	0.2443	-1.396939	0.0183	-0.648201	0.2804
10905179	Apol9a	-0.340387	0.9999	-0.635262	0.0622	-0.910153	0.0125	-0.714766	0.0299
10905277	Pvalb	-0.061771	0.9999	-0.539548	0.0144	-0.141194	0.9060	-0.088326	0.8320
10905307	Clqtnf6	0.229124	0.9999	-1.227310	0.0048	-0.830601	0.1741	-0.588691	0.2470
10905439	Csnk1e	0.140328	0.9999	0.112432	0.8188	0.232503	0.5242	0.363003	0.0435
10905558	Rpl26	-0.190557	0.9999	-0.008853	0.9941	-0.121177	0.9443	-0.538844	0.0312
10905560	Mkl1	0.071451	0.9999	0.440311	0.0191	0.315910	0.2582	0.144282	0.6025
10906373	Cpne8	0.186283	0.9999	-0.227613	0.8103	0.237633	0.8931	0.789085	0.0259
10906391	Kif21a	-0.039327	0.9999	0.081503	0.9312	0.218060	0.7442	0.477598	0.0326
10906608	Slc38a2	0.005210	0.9999	0.208963	0.4572	0.192070	0.7053	0.385963	0.0375
10906626	Slc38a4	0.097400	0.9999	0.578160	0.1158	0.756201	0.0568	0.782811	0.0205
10906679	Rapgef3	-0.027582	0.9999	-0.526592	0.0234	-0.287397	0.5734	-0.193569	0.5512
10907542	Csad	-0.048386	0.9999	-0.551498	0.0194	-0.225657	0.7606	-0.062923	0.9022
10907637	Calcoco1	0.213818	0.9999	0.030919	0.9828	0.267939	0.7261	0.533620	0.0458
10907689	Itga5	-0.224275	0.9999	0.594357	0.0588	0.766212	0.0241	0.463842	0.1524
10907763	Uhrf1bp11	0.004134	0.9999	0.879897	0.0008	0.541284	0.1183	0.401171	0.1765
10908248	Zfp426l2	0.098626	0.9999	-0.057776	0.9530	0.024445	0.9904	0.418040	0.0498
10908369	Slc44a2	0.239097	0.9999	-0.852749	0.0079	-0.359257	0.6733	0.001163	0.9987
10908562	Lppr2	0.285947	0.9999	0.133383	0.7266	0.296440	0.2209	0.359629	0.0347
10908596	Cnn1	-1.357938	0.9999	1.490972	0.0326	1.056503	0.3454	0.351897	0.7680
10908645	Bmper	0.075353	0.9999	-1.198118	0.0004	-0.852254	0.0301	-1.118370	0.0018
10908776	Adamts8	-0.286611	0.9999	2.119147	0.0000	1.789629	0.0009	1.068754	0.0388
10908788	Zbtb44	0.036419	0.9999	0.344584	0.1257	0.408967	0.1124	0.560732	0.0070
10908810	---	0.119005	0.9999	0.176216	0.8827	0.225730	0.8970	0.728565	0.0345

10908833	Nfrkb	0.094737	0.9999	0.283175	0.3315	0.236385	0.6770	0.463358	0.0341
10909470	Dpagt1	0.114117	0.9999	-0.332188	0.0160	-0.342379	0.0303	-0.050098	0.8539
10909480	H2afx	-0.122327	0.9999	-0.253260	0.3320	-0.395579	0.1074	-0.454965	0.0205
10909621	Scn4b	0.579959	0.9999	-1.591433	0.0025	-1.061049	0.1394	-0.697896	0.2618
10909758	Rps21	-0.017467	0.9999	0.020420	0.9888	-0.098277	0.9624	-0.677831	0.0307
10909874	Il18	-0.116460	0.9999	-0.517565	0.0475	-0.392119	0.3415	-0.235267	0.4812
10909892	Cryab	-0.094557	0.9999	0.278173	0.0111	0.054897	0.9433	0.053890	0.7817
10910094	Ireb2	0.057734	0.9999	0.035930	0.9760	0.189257	0.7968	0.438862	0.0403
10910406	Sema7a	0.136388	0.9999	0.347287	0.5537	0.677076	0.1271	1.106751	0.0019
10910458	Rpl38	-0.040517	0.9999	0.017847	0.9806	-0.144447	0.7159	-0.343543	0.0170
10910473	Hcn4	0.331043	0.9999	0.217156	0.7769	0.267752	0.8033	0.799450	0.0105
10910617	---	-0.048717	0.9999	-0.044843	0.9241	-0.081507	0.8720	-0.244193	0.0324
10910805	---	0.044152	0.9999	0.247676	0.3446	0.224313	0.6306	0.398027	0.0402
10911010	Ns5atp9	-0.092333	0.9999	-1.125472	0.1368	-1.053944	0.3229	-1.594318	0.0196
10911795	LOC499782	-0.025050	0.9999	-0.031703	0.9692	-0.086720	0.9278	-0.449060	0.0045
10911849	---	-0.327045	0.9999	-0.270163	0.1984	-0.289106	0.2786	-0.384162	0.0308
10911859	Senp6	0.025645	0.9999	0.189632	0.6027	0.227984	0.6484	0.417609	0.0378
10911936	Sh3bgrl2	0.170490	0.9999	0.468539	0.0111	0.466073	0.0279	0.524022	0.0064
10911997	---	-0.137714	0.9999	-0.124873	0.6402	-0.188551	0.4796	-0.343049	0.0160
10911999	Rps20	-0.037827	0.9999	-0.014687	0.9877	-0.016547	0.9932	-0.428187	0.0338
10912003	Tpbp	-0.076222	0.9999	-0.385372	0.1006	-0.231862	0.6832	-0.460490	0.0341
10912112	Bcl2a1d	-0.046188	0.9999	-0.091346	0.9000	-0.181303	0.7606	-0.383054	0.0498
10912174	Adamts7	0.181953	0.9999	-0.631807	0.0124	-0.223551	0.8033	0.026762	0.9669
10912218	Plscr1	-0.021719	0.9999	-0.641865	0.0278	-0.487743	0.2541	-0.566850	0.0538
10912289	RGD1560736	0.087950	0.9999	-0.964485	0.0017	-0.853011	0.0189	-0.740710	0.0215
10912581	Anapc13	-0.050173	0.9999	-0.179116	0.6181	-0.287256	0.3835	-0.471866	0.0170
10912614	Slco2a1	-0.075142	0.9999	-1.721484	0.0000	-1.533627	0.0000	-1.253999	0.0005
10912629	---	-0.001175	0.9999	-1.680147	0.0000	-1.476612	0.0000	-1.361403	0.0000
10912917	Cacna2d2	0.137488	0.9999	-0.802809	0.0176	-0.541378	0.3044	-0.179061	0.7580
10913023	Ifrd2	-0.019488	0.9999	0.469454	0.0287	0.300625	0.4315	0.209989	0.4399
10913256	Nckipsd	0.335508	0.9999	0.046854	0.9707	0.253836	0.6936	0.572291	0.0187
10913538	Spink8	-0.307612	0.9999	0.158094	0.8949	-0.230900	0.8738	-0.652209	0.0449
10913620	Cspg5	0.454499	0.9999	-0.389896	0.3311	0.580768	0.1381	0.700847	0.0205
10913691	Setd2	0.035029	0.9999	0.063743	0.9439	0.226921	0.6625	0.421095	0.0403
10913760	Tessp6	0.011319	0.9999	0.392499	0.2014	0.733800	0.0107	0.181811	0.6404
10914308	Rpsa	-0.079977	0.9999	0.007327	0.9918	-0.111810	0.8841	-0.335813	0.0380
10914366	Rpl14	-0.002890	0.9999	0.001397	0.9981	-0.072643	0.9278	-0.259310	0.0448
10914424	Hhat1	0.254432	0.9999	-1.104987	0.0034	-0.633466	0.2898	-0.246311	0.6914
10914849	Rpl13	-0.056507	0.9999	0.048203	0.9388	-0.029900	0.9766	-0.302343	0.0326
10915968	Rpl32	-0.085700	0.9999	0.024947	0.9773	-0.075873	0.9482	-0.379487	0.0261
10916016	St3gal4	-0.035029	0.9999	-0.871607	0.0051	-0.777295	0.0350	-0.829608	0.0111
10916567	Tbcel	0.119596	0.9999	0.453544	0.0475	0.492890	0.0661	0.384396	0.0971
10916598	Arhgef12	0.213567	0.9999	0.257267	0.3235	0.349636	0.1963	0.493705	0.0128
10916664	Rnf26	-0.035280	0.9999	-0.179015	0.4233	-0.351635	0.0508	-0.390651	0.0117
10916920	Atp5l	-0.318134	0.9999	-0.143317	0.9105	-0.210139	0.9011	-0.655680	0.0448
10916981	Cep164	0.165855	0.9999	0.323002	0.1773	0.298484	0.3995	0.490264	0.0187
10917260	Dixdc1	0.186600	0.9999	0.108362	0.9196	0.571764	0.0721	0.690149	0.0099

10917299	RGD1561984	-0.042449	0.9999	0.027906	0.9835	-0.108097	0.9562	-0.582280	0.0324
10917448	Acat1	0.072473	0.9999	-0.576500	0.0199	-0.385233	0.3420	-0.359312	0.1879
10917645	Scaper	0.049988	0.9999	-0.664950	0.0130	-0.362837	0.4904	-0.172890	0.6846
10917770	Mpi	0.059748	0.9999	-0.079478	0.9307	0.075478	0.9601	0.440519	0.0427
10917924	Neo1	0.125509	0.9999	0.648767	0.0035	0.446349	0.1394	0.412958	0.0830
10918027	Rplp1	-0.046150	0.9999	-0.029680	0.9519	-0.121687	0.6392	-0.224570	0.0343
10918089	Fem1b	0.034584	0.9999	0.183701	0.6687	0.337862	0.3089	0.564759	0.0096
10918342	Fbxl22	-0.289041	0.9999	-0.531306	0.5013	-1.180138	0.0408	-0.826397	0.1133
10918657	Pigb	0.021463	0.9999	-0.063934	0.9202	0.053526	0.9606	0.379334	0.0167
10918955	Filip1	-0.254793	0.9999	0.650861	0.0380	0.502920	0.2786	0.332818	0.3762
10919103	Me1	0.150738	0.9999	0.378436	0.0475	0.265733	0.4173	0.411130	0.0280
10919118	Snap91	-0.478356	0.9999	1.115136	0.0031	0.371104	0.7606	-0.094563	0.9106
10919283	Tbc1d2b	0.151024	0.9999	-0.553639	0.0221	-0.332259	0.4679	-0.168662	0.6482
10919375	Rpl31	-0.015163	0.9999	0.106023	0.9272	-0.078567	0.9693	-0.629933	0.0228
10919453	Pik3cb	-0.150972	0.9999	0.726458	0.0037	0.544761	0.0893	0.527979	0.0435
10919557	Pccb	0.026526	0.9999	-0.376306	0.0125	-0.224177	0.3884	-0.039807	0.9037
10920148	Sema3f	0.008850	0.9999	-0.416064	0.0203	-0.284892	0.3143	-0.269914	0.1693
10920283	Bsn	0.084937	0.9999	0.276074	0.0451	0.138599	0.7097	0.039390	0.8883
10920743	---	0.156665	0.9999	-0.938399	0.0353	-0.596503	0.4728	-0.842899	0.0579
10920745	Tgfb2	0.127862	0.9999	-0.611160	0.0219	-0.266726	0.7347	-0.062432	0.9147
10920754	Rbms3	-0.005300	0.9999	-0.885706	0.0061	-0.429748	0.5289	-0.123562	0.8483
10920797	Cmc1	-0.115391	0.9999	-0.261031	0.4008	-0.347947	0.2949	-0.486458	0.0257
10920841	Oxsr1	-0.013084	0.9999	0.237671	0.4858	0.204095	0.7625	0.553333	0.0123
10921059	Zfp651	0.190609	0.9999	0.342661	0.0415	0.369686	0.0598	0.402447	0.0167
10921288	Rps20	-0.043233	0.9999	-0.034490	0.9760	-0.050893	0.9732	-0.498250	0.0166
10921444	Tomm6	-0.077712	0.9999	-0.052800	0.9659	-0.286594	0.5846	-0.616149	0.0102
10921645	LOC680835	0.038175	0.9999	-0.511800	0.0014	0.011916	0.9946	0.063324	0.8419
10922060	---	-0.147972	0.9999	-0.016187	0.9832	-0.121032	0.8414	-0.303539	0.0448
10922113	Paqr8	0.106405	0.9999	-0.513114	0.0167	-0.185413	0.8102	-0.086283	0.8311
10922826	Il1r1	0.049048	0.9999	-0.872126	0.0042	-0.552283	0.2163	-0.315900	0.4287
10923052	Col3a1	-0.054205	0.9999	-1.204753	0.0060	-0.303444	0.8938	-0.472907	0.4000
10923191	Mfsd6	0.119480	0.9999	0.271801	0.5127	0.315729	0.5786	0.593090	0.0216
10923237	Myo1b	0.163431	0.9999	-0.674929	0.0091	-0.378860	0.4099	-0.014598	0.9841
10923345	Hspe1	-0.014473	0.9999	0.020623	0.9806	-0.110567	0.8831	-0.379873	0.0187
10923799	Cd28	0.111168	0.9999	-0.570566	0.0248	-0.056775	0.9746	0.229965	0.4988
10923855	Rpl37	-0.056663	0.9999	0.011833	0.9898	-0.107807	0.9432	-0.519333	0.0182
10923857	Eef1b2	-0.044284	0.9999	0.120921	0.9236	-0.030095	0.9925	-0.702390	0.0216
10924217	Rpl37a	-0.055273	0.9999	0.000923	0.9993	-0.075713	0.9482	-0.413983	0.0177
10924853	Itm2c	0.084585	0.9999	-0.468528	0.0015	-0.239236	0.3311	-0.044035	0.8931
10924930	Dis3l2	0.163128	0.9999	-0.714018	0.0194	-0.403184	0.5152	-0.171108	0.7394
10925158	Ugt1a5	-0.006296	0.9999	-0.398214	0.0144	-0.346858	0.0858	-0.356975	0.0309
10926752	---	-0.147972	0.9999	-0.016187	0.9832	-0.121032	0.8414	-0.303539	0.0448
10926948	LOC684534	0.103287	0.9999	0.424214	0.2604	0.745893	0.0289	0.713533	0.0190
10926958	Gsta3	0.039255	0.9999	-0.666999	0.0573	-0.781691	0.0488	-0.882517	0.0103
10927230	Bag2	-0.119338	0.9999	0.653870	0.0164	0.515458	0.1650	0.439101	0.1339
10927413	Actr1b	-0.041862	0.9999	0.306359	0.0367	0.276829	0.1439	0.169768	0.3136
10927610	---	-0.146678	0.9999	0.046068	0.9762	-0.155987	0.9278	-0.655748	0.0190

10927680	Tgfbra1	0.024042	0.9999	0.257188	0.2913	0.086553	0.9467	0.443737	0.0195
10927803	---	-0.158224	0.9999	-0.213472	0.7546	-0.480268	0.2582	-0.644499	0.0259
10927842	Stat1	0.085886	0.9999	-0.957427	0.0093	-0.562623	0.3681	-0.119748	0.8752
10928307	Trak2	0.034353	0.9999	0.104056	0.8961	0.143276	0.8938	0.522285	0.0169
10928452	Raph1	0.150345	0.9999	-0.646663	0.0129	-0.051074	0.9781	0.224088	0.5352
10928761	Fn1	0.009483	0.9999	-0.704485	0.0476	-0.175430	0.9424	-0.057760	0.9451
10928837	Igfbp5	0.693750	0.9999	-1.347702	0.0038	-0.643436	0.4964	0.033032	0.9799
10928855	Tns1	-0.153710	0.9999	0.637609	0.0272	0.339970	0.6117	0.193941	0.6619
10928902	Tmbim1	-0.097045	0.9999	1.120685	0.0000	0.923467	0.0005	0.676237	0.0098
10929054	RGD735175	0.156725	0.9999	0.334006	0.1512	0.276349	0.4802	0.451797	0.0285
10929063	Abcb6	-0.033216	0.9999	0.507932	0.0406	0.272789	0.6526	0.081600	0.8665
10929288	Serpine2	0.216840	0.9999	-0.714682	0.0194	-0.273119	0.7968	-0.292252	0.4672
10929396	Col4a4	-0.075394	0.9999	-0.696638	0.0007	-0.340651	0.3026	-0.071579	0.8670
10929458	Sphkap	0.442136	0.9999	-1.081629	0.0035	-0.371574	0.7507	0.127315	0.8688
10929766	Col6a3	0.065757	0.9999	-1.564039	0.0059	-0.720053	0.5796	-0.926637	0.1393
10930259	Rab31	0.110644	0.9999	-0.438083	0.0429	-0.338225	0.3016	-0.274950	0.2503
10930301	Twsg1	0.085319	0.9999	0.368410	0.1178	0.550766	0.0220	0.739335	0.0010
10930340	Rab12	0.084391	0.9999	0.082578	0.7494	0.093787	0.8132	0.237896	0.0320
10931457	Uhrf1	0.011225	0.9999	-0.687515	0.1240	-0.748030	0.1701	-0.870638	0.0317
10931663	---	0.012692	0.9999	-0.062900	0.9388	0.132144	0.8738	0.518147	0.0064
10932126	Rpl9	-0.085020	0.9999	0.015660	0.9828	-0.038770	0.9671	-0.294780	0.0282
10932351	Srpx	-0.084866	0.9999	-1.015937	0.0047	-0.666025	0.1942	-0.656248	0.0871
10932422	Rbm3	-0.081687	0.9999	-0.819850	0.0028	-0.643277	0.0571	-1.056586	0.0005
10932568	---	-0.248215	0.9999	0.696748	0.0006	0.060671	0.9671	-0.216828	0.4039
10932917	Pfkfb1	-0.079553	0.9999	-0.155873	0.4344	-0.076487	0.9275	-0.292080	0.0308
10933699	Prdx4	-0.006623	0.9999	-0.177870	0.6480	-0.126178	0.9088	-0.410008	0.0426
10933957	Rpl32	-0.072793	0.9999	0.044070	0.9519	-0.048357	0.9640	-0.362300	0.0228
10934186	Eda	0.353665	0.9999	-1.006156	0.0016	-0.450688	0.4754	-0.089806	0.8998
10934394	Itgb1bp2	-0.767356	0.9999	0.086912	0.9688	-0.446702	0.6890	-0.894511	0.0339
10934445	Ogt	0.110157	0.9999	0.293948	0.5616	0.563421	0.1487	0.753029	0.0118
10934631	Lpar4	-0.035073	0.9999	-1.569561	0.0000	-1.532666	0.0000	-1.085373	0.0029
10934637	RGD1560455	0.082391	0.9999	-0.994512	0.0070	-0.899510	0.0414	-0.733360	0.0564
10934940	Rpl36a	-0.055313	0.9999	0.018620	0.9875	-0.184880	0.8553	-0.689610	0.0053
10935555	Fhl1	-0.502267	0.9999	1.069273	0.0060	0.638143	0.3086	0.310070	0.5965
10936263	Zbtb33	0.097630	0.9999	0.078262	0.9446	0.225100	0.7957	0.513247	0.0435
10936365	Il13ra1	0.103410	0.9999	-0.707953	0.0462	-0.477966	0.4578	-0.084898	0.9089
10936480	LOC499782	-0.037077	0.9999	-0.020897	0.9806	-0.081663	0.9432	-0.487837	0.0038
10936717	Maoa	0.223462	0.9999	0.996898	0.0013	0.408694	0.5398	0.558304	0.0953
10936981	Timm17b	-0.054336	0.9999	-0.309261	0.1113	-0.260029	0.3899	-0.397251	0.0259
10936993	Pim2	-0.080200	0.9999	0.442273	0.0385	0.040757	0.9781	0.153736	0.6217
10937048	Tefe3	0.104672	0.9999	0.088483	0.8857	0.123352	0.8777	0.365031	0.0372
10937060	Praf2	0.080859	0.9999	0.152090	0.6861	0.200034	0.6683	0.369971	0.0435
10937093	Prickle3	0.105423	0.9999	0.421808	0.0404	0.266640	0.5060	0.424018	0.0359
10937174	Fus	0.001529	0.9999	-0.493231	0.0746	-0.499211	0.1505	-0.559926	0.0335
10937292	Il13ra2	-0.011572	0.9999	-0.384874	0.0170	-0.309533	0.1519	-0.390010	0.0184
10937501	Rpgr	0.132404	0.9999	0.021863	0.9786	0.115314	0.8631	0.371169	0.0180
10937521	---	0.141398	0.9999	-0.233495	0.3792	-0.369129	0.1341	-0.396432	0.0368

10937594	Pik3ca	-0.034938	0.9999	0.544164	0.0069	0.562761	0.0157	0.561741	0.0082
10937641	---	0.089525	0.9999	-0.717773	0.0135	-0.599647	0.1046	-0.525534	0.0832
10937777	Ctps2	0.113644	0.9999	-0.446123	0.0282	-0.257399	0.5374	-0.057346	0.8939
10937962	Sh3kbp1	0.143145	0.9999	-0.765942	0.0048	-0.699049	0.0284	-0.144963	0.7649
10938101	Prkx	-0.035273	0.9999	0.469230	0.1570	0.418538	0.4061	0.667462	0.0217
10938635	Slc7a3	-0.526461	0.9999	2.601597	0.0006	1.444874	0.1741	0.535910	0.6549
10938897	Atrx	0.100929	0.9999	0.034993	0.9788	0.262959	0.7056	0.503406	0.0500
10938962	Rps21	-0.058977	0.9999	-0.006993	0.9963	-0.139153	0.9526	-0.723121	0.0321
10938995	Itm2a	-0.024474	0.9999	-1.064189	0.0006	-0.806881	0.0233	-0.554096	0.0897
10939516	Tsc22d3	0.027904	0.9999	0.002874	0.9977	0.328614	0.4298	0.556109	0.0187
10939744	Gpc4	0.166862	0.9999	-0.999995	0.0047	-0.568592	0.3286	-0.523323	0.1901
10939805	Fam122b	0.370916	0.9999	0.002715	0.9991	0.294419	0.8095	0.727093	0.0343
10939837	Mmgt1	0.029172	0.9999	0.184579	0.7405	0.249385	0.7112	0.486384	0.0464
10939866	Arhgef6	-0.110860	0.9999	0.540890	0.0224	0.580848	0.0324	0.349087	0.1794
10939890	Rbmx	-0.020979	0.9999	-0.506102	0.0310	-0.381267	0.2769	-0.370938	0.1345
10939929	---	0.026539	0.9999	-1.173706	0.0196	-0.494139	0.7478	-0.137134	0.8997
10940364	Gdi1	0.041098	0.9999	0.059839	0.9494	0.183790	0.7897	0.484614	0.0195
10940453	---	0.141248	0.9999	-0.593144	0.0291	-0.224774	0.8250	-0.251951	0.4758
10940455	---	-0.221359	0.9999	1.008007	0.1485	1.617565	0.0197	1.185190	0.0573
10940465	---	-0.279257	0.9999	-0.424408	0.0475	-0.227924	0.6732	-0.271205	0.2491
10940481	---	-0.082433	0.9999	-0.045117	0.9558	-0.072133	0.9517	-0.398920	0.0208
10940524	---	0.063608	0.9999	-0.047063	0.9575	0.346809	0.1646	0.436404	0.0197
10940527	---	-0.227128	0.9999	0.597753	0.0269	0.455350	0.2497	0.330639	0.2877
10940529	---	-0.027369	0.9999	-0.530957	0.0061	-0.401617	0.1159	-0.442652	0.0282
10940536	---	-0.018016	0.9999	0.408527	0.0035	0.273720	0.1617	0.239046	0.1198
10940552	---	0.111105	0.9999	0.086541	0.8054	0.238223	0.1902	0.275486	0.0375
10940558	---	0.051446	0.9999	-0.390678	0.0183	-0.197359	0.6085	-0.328201	0.0514
10940562	---	0.019997	0.9999	-0.490342	0.0238	-0.435046	0.1175	-0.371262	0.1026
10940575	---	0.182798	0.9999	0.131658	0.8412	0.333267	0.3759	0.583013	0.0104
10940578	---	0.100615	0.9999	0.198574	0.4334	0.375396	0.0705	0.555353	0.0017
10940585	---	-0.008281	0.9999	-0.615481	0.0476	-0.439493	0.3995	-0.306578	0.4212
10940592	---	0.011133	0.9999	0.592367	0.0053	0.248304	0.6518	0.275887	0.2721
10940599	---	0.010463	0.9999	0.324187	0.3160	0.203400	0.8237	0.515603	0.0347
10940611	---	-0.059481	0.9999	-0.418645	0.0027	-0.375238	0.0217	-0.407809	0.0064
10940629	---	0.279263	0.9999	0.077433	0.9484	0.551567	0.0858	0.595873	0.0230
10940636	---	0.210736	0.9999	-0.026589	0.9701	0.131417	0.7485	0.295223	0.0303
10940642	---	0.224603	0.9999	-0.769984	0.0078	-0.375190	0.5413	-0.170613	0.7262
10940659	---	-0.065215	0.9999	-0.851176	0.0150	-1.043105	0.0070	-0.959575	0.0081
10940671	---	0.045786	0.9999	-0.415211	0.0814	-0.372403	0.2610	-0.507470	0.0238
10940676	---	0.122178	0.9999	-0.398200	0.0048	-0.240275	0.2723	-0.092743	0.6876
10940687	---	-0.025955	0.9999	-0.048240	0.9403	-0.157560	0.6735	-0.302780	0.0361
10940688	---	-0.198527	0.9999	-0.632478	0.0233	-0.713764	0.0239	-0.531159	0.0618