

Affymetrix Probe ID	Gene Symbol	96 Hours							
		<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
10700040	---	-0.115071	0.9999	-0.099324	0.8818	-0.161588	0.6450	-0.534675	0.0317
10700079	---	0.280216	0.8614	0.548015	0.0155	0.560812	0.0059	0.492260	0.0156
10700101	---	0.440088	0.8359	0.785020	0.0130	0.951121	0.0008	0.956996	0.0006
10700102	---	0.124160	0.9999	0.204409	0.7187	0.554711	0.0448	0.225240	0.5416
10700108	---	-0.100217	0.9999	-0.021357	0.9801	-0.064960	0.8637	-0.494470	0.0214
10700111	---	0.664312	0.7200	0.846268	0.0249	0.899890	0.0070	0.592195	0.0971
10700124	---	0.620544	0.7375	0.816332	0.0394	1.038452	0.0024	0.990419	0.0031
10700158	---	0.230296	0.8614	0.286713	0.1825	0.340236	0.0423	0.229831	0.2229
10700163	---	-0.041232	0.9999	0.223859	0.3162	0.329532	0.0362	0.177449	0.3493
10700172	---	0.363739	0.9010	0.304866	0.5816	0.623260	0.0470	0.324851	0.3982
10700258	---	0.014273	0.9999	0.158917	0.5107	0.250163	0.0976	0.296780	0.0432
10700279	---	0.105823	0.9795	0.181447	0.3858	0.295610	0.0343	0.240993	0.1006
10700326	---	0.128474	0.9999	0.149541	0.8332	0.743197	0.0094	0.300925	0.4041
10700366	---	0.481415	0.8169	0.478282	0.2621	0.703838	0.0229	0.612019	0.0528
10700373	---	0.421804	0.9546	0.521866	0.4475	0.822137	0.0645	1.019745	0.0176
10700398	---	0.408402	0.9277	0.457309	0.4412	0.767797	0.0448	0.736083	0.0574
10700408	---	-0.315355	0.8437	-0.126816	0.7991	-0.530068	0.0117	-0.093860	0.7878
10700426	---	0.027822	0.9999	0.107332	0.8822	-0.142580	0.7246	0.632420	0.0179
10700434	---	0.059843	0.9999	0.149377	0.6552	0.354112	0.0433	0.210251	0.3055
10700485	---	-0.360218	0.9247	-0.453239	0.3460	-0.679960	0.0406	-0.036823	0.9588
10700517	---	-0.031367	0.9999	-0.058571	0.9145	0.117503	0.6729	0.457542	0.0163
10700526	---	0.452841	0.8570	0.030840	0.9803	0.654302	0.0426	0.566073	0.0918
10700528	---	0.218211	0.9624	0.204054	0.6719	0.566291	0.0205	0.583586	0.0156
10700552	---	0.455853	0.9867	0.804512	0.4158	1.304317	0.0444	1.136543	0.0918
10700634	---	-0.351730	0.9507	-0.216806	0.7865	-0.758294	0.0306	-0.401190	0.3425
10700654	---	0.262361	0.9978	0.379114	0.7159	1.024436	0.0435	0.646234	0.2691
10700702	---	-0.250280	0.9624	-0.340377	0.4717	-0.399359	0.2205	-0.610781	0.0382
10700714	---	0.444211	0.8857	0.689747	0.1079	0.826635	0.0181	1.068858	0.0016
10700721	---	-0.302899	0.8570	-0.374766	0.1709	-0.180367	0.5165	-0.474429	0.0252
10700732	---	0.222250	0.9659	-0.231386	0.6730	-0.572898	0.0418	-0.450533	0.1344
10700747	---	-0.234104	0.9765	-0.171860	0.8126	-0.131585	0.7880	-0.652171	0.0321
10700805	---	0.263579	0.8962	0.339825	0.2508	0.590336	0.0058	0.314934	0.1929
10700838	---	0.175353	0.9632	0.000804	0.9990	0.451989	0.0331	0.006731	0.9901
10700839	---	0.850193	0.4739	0.671483	0.1471	0.867116	0.0176	0.827224	0.0232
10700843	---	0.281274	0.9620	0.517887	0.2041	0.421624	0.2216	0.767428	0.0113
10700857	---	0.414215	0.8701	0.599924	0.1332	0.631421	0.0526	0.779886	0.0130
10700859	---	-0.063907	0.9999	-0.309038	0.1587	-0.446746	0.0087	-0.308822	0.0870
10700865	---	0.095049	0.9999	0.405870	0.5564	0.808196	0.0426	1.078238	0.0047
10700890	---	-0.028716	0.9999	-0.617245	0.0376	-0.465633	0.0845	-0.757707	0.0025
10700906	---	0.013852	0.9999	0.744283	0.0138	0.424304	0.1514	0.314448	0.3464
10700937	---	0.239697	0.9544	0.231777	0.6035	0.483317	0.0524	0.674343	0.0044
10701017	---	-0.009206	0.9999	0.357768	0.1708	0.560734	0.0051	0.578196	0.0031
10701029	---	0.126877	0.9999	0.789234	0.1185	0.956025	0.0195	0.594341	0.1957
10701048	---	-0.264801	0.8669	-0.411249	0.0958	-0.495771	0.0142	-0.418440	0.0429

10701078	---	-0.059228	0.9999	-0.177290	0.6191	-0.228916	0.3060	-0.477277	0.0110
10701106	---	0.292246	0.9582	0.518997	0.1958	0.414342	0.2257	0.668631	0.0288
10701144	---	0.218838	0.9525	0.208433	0.6033	0.295356	0.2310	0.445568	0.0462
10701150	---	0.317928	0.8987	0.368485	0.3352	0.548958	0.0394	0.228277	0.5145
10701179	---	0.438421	0.7796	0.399355	0.2623	0.496442	0.0596	0.526113	0.0447
10701180	---	0.321204	0.8669	0.272745	0.5045	-0.060779	0.8915	0.510817	0.0385
10701216	---	0.006073	0.9999	0.421714	0.3176	0.658844	0.0258	0.380674	0.2677
10701226	---	0.211401	0.9625	0.220145	0.6430	0.087667	0.8327	0.539674	0.0295
10701227	---	0.809573	0.4739	0.778897	0.0562	0.865866	0.0126	0.980962	0.0038
10701245	---	0.072550	0.9999	0.357066	0.3558	0.574559	0.0294	0.351614	0.2445
10701254	---	-0.102721	0.9972	0.100657	0.8285	0.058699	0.8586	0.468330	0.0123
10701304	---	0.078287	0.9999	0.276378	0.4967	0.314963	0.2609	0.509878	0.0399
10701312	---	0.065747	0.9999	0.182477	0.4403	0.253040	0.1089	0.327323	0.0298
10701315	---	0.228567	0.8973	0.239210	0.4065	0.397711	0.0356	0.332490	0.0930
10701316	---	0.224372	0.9968	0.394712	0.5883	0.621848	0.1543	0.934422	0.0201
10701320	---	0.437717	0.9106	0.405968	0.5302	0.569703	0.1654	0.989650	0.0075
10701328	---	0.200277	0.9310	0.227353	0.4496	0.400340	0.0366	0.429593	0.0229
10701346	---	0.386134	0.9632	0.288973	0.7865	0.955062	0.0424	0.607103	0.2610
10701404	---	0.274077	0.8795	0.332840	0.2614	0.492930	0.0218	0.344323	0.1394
10701405	---	-0.425889	0.8614	-0.292488	0.6021	-0.616464	0.0487	-0.375948	0.3021
10701487	---	0.412094	0.8614	0.527985	0.1689	0.535912	0.0837	0.704025	0.0171
10701557	---	-0.031373	0.9999	-0.244012	0.3329	-0.286782	0.1176	-0.374450	0.0317
10701568	---	0.108959	0.9921	0.287527	0.2434	0.297233	0.1205	0.418529	0.0199
10701592	---	0.437457	0.9333	0.563256	0.3640	0.901743	0.0323	0.728528	0.1002
10701699	Lrp11	0.175403	0.8945	0.192478	0.3614	0.262910	0.0732	0.473471	0.0006
10701709	Lats1	0.161701	0.9805	0.202317	0.6022	0.429279	0.0473	0.209952	0.4402
10701788	Fbxo30	0.023120	0.9999	0.278917	0.3616	0.553092	0.0067	0.467182	0.0228
10701846	Cited2	-0.306089	0.9090	0.746567	0.0094	0.941467	0.0003	1.038284	0.0001
10701913	Perp	0.239222	0.9624	-1.115890	0.0001	-0.407134	0.1597	-0.610820	0.0219
10701924	Ifngr1	-0.025401	0.9999	-0.301989	0.0720	-0.213256	0.1641	-0.300754	0.0346
10702025	Ahi1	-0.004685	0.9999	0.471203	0.1827	0.742718	0.0058	0.337479	0.2943
10702165	L3mbtl3	-0.118656	0.9999	0.776969	0.0167	0.903972	0.0020	0.926867	0.0011
10702201	Akap7	0.061209	0.9999	-0.269096	0.2824	-0.456017	0.0103	-0.332667	0.0742
10702224	Enpp3	0.174303	0.9999	-1.014394	0.0327	-1.345967	0.0012	-1.667423	0.0001
10702295	Eya4	0.116313	0.9999	0.717543	0.1185	0.777181	0.0389	0.613961	0.1256
10702306	Tcf21	0.700262	0.7409	-1.491598	0.0004	-1.573934	0.0001	-1.965506	0.0000
10702342	Rnf217	0.011347	0.9999	0.324031	0.0866	0.444189	0.0044	0.205755	0.2612
10702352	Tpd521l	-0.084020	0.9999	0.434098	0.2750	0.924578	0.0011	0.889751	0.0013
10702408	LOC689399	-0.005656	0.9999	-0.674958	0.1005	-1.012784	0.0025	-1.187338	0.0003
10702492	Ahrr	0.107498	0.9990	-0.025456	0.9759	-0.343002	0.1370	-0.478484	0.0269
10702519	Trip13	0.237920	0.9912	-0.552500	0.2413	-0.592137	0.1034	-0.895084	0.0084
10702913	Fndc1	0.495051	0.9620	1.442232	0.0169	0.666946	0.2947	0.567751	0.4087
10702996	Igf2r	0.118857	0.9942	0.221863	0.5249	0.449293	0.0300	0.507490	0.0121
10703075	Map3k4	0.225627	0.8770	0.381111	0.0654	0.606693	0.0005	0.383793	0.0295
10703144	Rps6ka2	0.122243	0.9961	-0.405129	0.1438	-0.349491	0.1356	-0.587910	0.0059
10703189	Mllt4	0.196815	0.9624	0.625431	0.0114	0.775958	0.0005	0.843726	0.0002
10703224	---	-0.329793	0.9624	-0.657830	0.1861	-1.112135	0.0033	-0.848769	0.0260

10703240	Vom2r8	-0.260466	0.7200	-0.317000	0.0230	-0.246975	0.0530	-0.260193	0.0398
10703375	Rpl35a	-0.020795	0.9999	-0.107948	0.8125	-0.493406	0.0089	-0.341034	0.0883
10703432	LOC688452	0.556899	0.9136	0.527868	0.5237	1.257105	0.0096	0.909483	0.0739
10703434	LOC688452	0.307007	0.9695	0.437722	0.4961	0.902756	0.0201	0.759744	0.0565
10703461	---	-0.176209	0.8973	-0.335789	0.0448	-0.170419	0.3163	-0.171078	0.3267
10703564	Rpl18a	0.038340	0.9999	-0.084510	0.7815	-0.258030	0.0572	-0.293620	0.0271
10703626	Vom2r22	-0.147141	0.9171	-0.186726	0.3150	-0.294814	0.0236	-0.141896	0.3740
10703648	Eif5b	0.110943	0.9972	0.296717	0.3144	0.448300	0.0307	0.381774	0.0752
10703710	LOC683446	0.078721	0.9921	-0.248903	0.0856	-0.231540	0.0612	-0.309794	0.0087
10703895	---	-0.221215	0.2493	-0.155547	0.1236	-0.180787	0.0272	-0.084585	0.4068
10704045	---	-0.063630	0.9999	-0.445116	0.0872	-0.594491	0.0055	-0.586555	0.0054
10704062	Tnni3	-0.078830	0.9999	-0.523987	0.0767	-0.494687	0.0513	-0.733040	0.0023
10704084	Ppp1r12c	-0.009604	0.9999	0.216915	0.2093	0.248668	0.0628	0.297224	0.0220
10704127	Cdc42ep5	0.153986	0.9630	-0.188872	0.5535	-0.349357	0.0614	-0.471848	0.0081
10704383	Znf541	-0.084800	0.9695	-0.123154	0.4828	-0.241557	0.0244	-0.087443	0.5484
10704499	Ap2s1	-0.011019	0.9999	-0.186742	0.4480	-0.414379	0.0070	-0.292248	0.0698
10704505	Slc1a5	-0.050660	0.9999	-0.670767	0.0610	-0.940022	0.0019	-1.187399	0.0001
10704555	Dact3	0.164344	0.9624	0.495699	0.0196	0.438298	0.0227	0.501305	0.0074
10704578	Ccdc8	0.176634	0.9624	-0.298620	0.2859	-0.309159	0.1509	-0.455467	0.0220
10704794	Rtn2	0.090908	0.9921	0.423430	0.0033	0.228589	0.1060	0.248170	0.0778
10704808	Ercc1	-0.069231	0.9999	0.365476	0.2315	0.501247	0.0279	0.351819	0.1564
10704819	LOC686781	-0.133397	0.9921	0.438484	0.0926	0.426579	0.0525	0.546621	0.0097
10704831	Ckm	0.138345	0.9961	-0.132362	0.8269	-0.701523	0.0043	-0.693655	0.0039
10704912	LOC680714	0.135954	0.9805	0.175264	0.5861	0.412594	0.0214	0.247613	0.2255
10704914	---	0.153944	0.9765	0.210064	0.5410	0.417448	0.0382	0.174456	0.5083
10704960	Cadm4	-0.025211	0.9999	0.030058	0.9831	-0.470958	0.2398	-0.813766	0.0213
10704996	Ethe1	-0.019999	0.9999	0.213187	0.5441	0.413895	0.0448	0.351121	0.1037
10705004	Phldb3	0.024770	0.9999	0.392349	0.1812	0.289361	0.2624	0.463518	0.0433
10705100	Znf574	0.220097	0.8832	0.358942	0.0831	0.437846	0.0109	0.456940	0.0067
10705192	Atp5sl	0.066234	0.9999	-0.185007	0.5199	-0.441941	0.0089	-0.365878	0.0326
10705361	Sertad3	0.120200	0.9985	0.194278	0.6704	0.509557	0.0290	0.309713	0.2481
10705367	Prx	-0.134092	0.9136	-0.177846	0.2798	-0.197284	0.1108	-0.252460	0.0328
10705420	Rpl28	0.013910	0.9999	-0.087990	0.6993	-0.175840	0.1423	-0.244470	0.0295
10705539	Gmfg	0.102539	0.9921	-0.476312	0.0099	-0.590736	0.0005	-0.387018	0.0216
10705874	Tyrobp	0.468399	0.9038	-1.387201	0.0010	-1.633874	0.0001	-1.573380	0.0001
10706013	U2af114	-0.009001	0.9999	-0.077151	0.7907	-0.262103	0.0392	-0.233625	0.0740
10706117	Pepd	0.253967	0.9247	-0.405613	0.1746	-0.570807	0.0127	-0.819897	0.0003
10706162	Ccdc123	0.000353	0.9999	-0.425904	0.0148	-0.393243	0.0127	-0.464175	0.0025
10706289	---	-0.169411	0.9624	-0.277947	0.3108	-0.420872	0.0295	-0.285462	0.1816
10706545	Syt3	-0.088877	0.9630	0.062984	0.7984	0.195994	0.0695	0.278329	0.0065
10706668	Fuz	0.216744	0.8570	0.125619	0.6749	0.329248	0.0312	0.171157	0.3548
10706994	Tmem143	0.034872	0.9999	-0.143770	0.7318	-0.242237	0.2903	-0.416497	0.0365
10707121	Gtf2h1	0.071796	0.9999	0.155544	0.6432	0.373767	0.0341	0.195726	0.3591
10707338	Gas2	-0.193473	0.8570	-0.212582	0.2572	-0.139448	0.4052	-0.358344	0.0069
10707455	Herc2	0.270019	0.8348	0.354758	0.0958	0.490072	0.0048	0.453057	0.0084
10707626	Ube3a	0.075301	0.9999	0.191196	0.4828	0.390273	0.0186	0.386338	0.0189
10707649	Ndn	0.001613	0.9999	-0.373627	0.2413	-0.527824	0.0251	-0.542890	0.0198

10707945	St8sia2	-0.354082	0.9507	0.878454	0.0273	0.561332	0.1367	0.165890	0.7726
10707953	Akap13	0.052320	0.9999	0.397589	0.2367	0.635931	0.0099	0.369060	0.1815
10707961	Akap13	-0.038898	0.9999	0.476128	0.0633	0.719190	0.0009	0.764233	0.0004
10708011	Aen	-0.089773	0.9999	0.304091	0.4407	0.785143	0.0016	0.567586	0.0229
10708015	Isg20	-0.010970	0.9999	0.240677	0.6327	0.842740	0.0014	0.592876	0.0256
10708065	LOC683179	-0.001750	0.9999	-0.508333	0.3423	-0.778058	0.0352	-0.961895	0.0071
10708188	Vps33b	0.051257	0.9999	0.153215	0.6909	0.384760	0.0482	0.230310	0.3134
10708214	Prc1	-0.035834	0.9999	-0.881348	0.1668	-1.059522	0.0341	-1.553464	0.0012
10708235	Zfp29	0.198986	0.9247	0.148809	0.6794	0.391528	0.0321	0.367013	0.0469
10708237	Znf592	0.119826	0.9977	0.164845	0.7313	0.420749	0.0701	0.456867	0.0469
10708247	Alpk3	-0.099819	0.9985	0.441085	0.0492	0.608516	0.0015	0.603241	0.0013
10708531	Rab38	0.019283	0.9999	-0.144259	0.3815	-0.222303	0.0453	-0.298839	0.0049
10708665	Rab30	0.212489	0.9921	0.487911	0.2674	0.705154	0.0271	0.473755	0.1795
10708760	Alg8	0.218233	0.9310	-0.343484	0.2107	-0.502651	0.0146	-0.393787	0.0656
10708809	Rsf1	0.243493	0.9451	0.445147	0.1369	0.585798	0.0132	0.423967	0.0918
10708903	Prkrir	-0.111855	0.9972	-0.334411	0.2315	-0.373105	0.0834	-0.676585	0.0008
10708908	Wnt11	-0.107990	0.9921	0.370485	0.0575	0.239031	0.1945	0.364297	0.0297
10708954	Arrb1	0.223588	0.9582	0.106520	0.8587	0.515584	0.0280	0.288015	0.2959
10709016	Kcne3	-0.215598	0.8562	-0.320793	0.0696	-0.292076	0.0556	-0.342916	0.0210
10709020	Pgm2l1	-0.025958	0.9999	0.520418	0.1178	0.886210	0.0009	0.749533	0.0041
10709093	Ucp2	0.041430	0.9999	0.308020	0.3331	0.322910	0.1769	0.591747	0.0055
10709126	Fam168a	-0.095695	0.9977	0.160947	0.6439	0.219804	0.2980	0.411040	0.0229
10709157	Stard10	0.131055	0.9867	0.332135	0.1559	0.435755	0.0170	0.405732	0.0267
10709166	Arap1	0.270136	0.8437	-0.452632	0.0228	-0.593061	0.0008	-0.732821	0.0000
10709261	RGD1311634	-0.001602	0.9999	-0.390378	0.1032	-0.526460	0.0068	-0.554600	0.0035
10709300	Trpc2	-0.120845	0.9247	-0.029049	0.9299	-0.155459	0.2048	-0.248034	0.0245
10709330	Art1	-0.414042	0.2425	-0.169024	0.4891	-0.366557	0.0127	-0.224498	0.1713
10709644	---	0.155522	0.9632	0.101638	0.8232	0.200240	0.3733	0.384870	0.0419
10709687	Olfml1	0.510392	0.7316	-0.615209	0.0598	-0.900550	0.0011	-1.103675	0.0001
10709763	Nlrp10	-0.056400	0.9999	0.212156	0.4633	0.367492	0.0443	0.044609	0.8950
10709875	Adm	0.234702	0.9968	-0.830723	0.1146	-0.911201	0.0346	-1.254894	0.0024
10709923	Usp47	0.017954	0.9999	0.337421	0.2102	0.571198	0.0044	0.292881	0.1995
10710028	Arntl	-0.092331	0.9999	0.475338	0.2714	0.750077	0.0153	0.248507	0.5594
10710067	Spon1	0.539077	0.8893	-2.142278	0.0000	-2.271928	0.0000	-2.226982	0.0000
10710089	Pde3b	0.309319	0.9525	-0.685440	0.0598	-0.915364	0.0030	-1.062839	0.0005
10710313	RGD1305412	-0.099011	0.9921	-0.268232	0.1581	-0.257901	0.0975	-0.329224	0.0271
10710494	Eef2k	0.174608	0.9653	-0.567690	0.0155	-0.603316	0.0042	-0.587226	0.0045
10710627	Plk1	0.002649	0.9999	-1.130259	0.0448	-1.406315	0.0036	-1.851114	0.0001
10710647	Prkcb	0.052302	0.9990	-0.079272	0.7213	-0.214466	0.0470	-0.017094	0.9365
10710674	Rbbp6	0.073660	0.9999	0.142092	0.7721	0.455561	0.0378	0.401023	0.0762
10710695	Tnrc6a	0.091358	0.9999	0.382382	0.1172	0.606868	0.0020	0.566282	0.0030
10711087	Srcap	0.252666	0.8660	0.263804	0.3478	0.456878	0.0167	0.451057	0.0175
10711268	Itgam	0.527430	0.7200	-0.552198	0.0872	-0.616866	0.0219	-0.780037	0.0026
10711299	Itgax	0.178422	0.9310	-0.376643	0.0532	-0.404090	0.0155	-0.371046	0.0270
10711454	Ppapdc1a	-0.058589	0.9999	-0.452769	0.0230	-0.526103	0.0030	-0.454289	0.0094
10711504	Tacc2	-0.166513	0.9247	0.169003	0.5052	0.353362	0.0200	0.266162	0.0975
10711566	Htra1	-0.058723	0.9999	-0.600013	0.0313	-0.811363	0.0009	-0.626727	0.0092

10711733	---	0.216577	0.9299	0.388285	0.1186	0.598319	0.0027	0.529844	0.0070
10711791	Dock1	0.076630	0.9999	-0.427979	0.1652	-0.504981	0.0372	-0.745445	0.0013
10711961	Inpp5a	-0.035516	0.9999	0.120823	0.7242	0.237996	0.1815	0.335733	0.0423
10712080	Olr311	0.019746	0.9999	-0.017069	0.9505	0.056683	0.6188	0.205678	0.0106
10712157	---	-0.020280	0.9999	-0.424651	0.1126	-0.419054	0.0597	-0.694728	0.0010
10712171	Ifitm1	0.050091	0.9999	-1.929334	0.0001	-2.038402	0.0000	-2.439068	0.0000
10712340	Cd151	-0.203963	0.8872	0.155287	0.5994	0.443660	0.0058	0.457117	0.0036
10712349	Tspan4	0.160910	0.9224	-0.424318	0.0069	-0.232808	0.1321	-0.251498	0.1030
10712359	Ap2a2	0.123343	0.9624	-0.272165	0.1173	-0.287789	0.0438	-0.451603	0.0009
10712501	Mrpl23	-0.080209	0.9977	-0.220248	0.3107	-0.435068	0.0038	-0.524725	0.0004
10712517	Cd81	0.027060	0.9999	0.111660	0.5158	0.183547	0.0841	0.230577	0.0235
10712548	Slc22a18	0.106451	0.9959	-0.443121	0.0441	-0.719284	0.0002	-0.577770	0.0017
10712648	Mrpl21	-0.059369	0.9999	-0.189885	0.4859	-0.241674	0.1823	-0.369185	0.0257
10712706	Chka	-0.111086	0.9999	0.473205	0.2327	0.734145	0.0119	0.495610	0.1157
10712720	Unc93b1	0.295444	0.8063	-0.451194	0.0341	-0.281785	0.1648	-0.348393	0.0739
10712743	Acy3	0.120212	0.9921	-0.537798	0.0142	-0.721463	0.0003	-0.664976	0.0006
10712829	Coro1b	0.135928	0.9413	-0.320460	0.0313	-0.426954	0.0010	-0.534513	0.0000
10712935	Ctsf	0.203713	0.9444	0.677912	0.0012	0.916739	0.0000	0.850428	0.0000
10712997	Cd248	0.350084	0.9303	-0.870315	0.0155	-1.017415	0.0017	-0.932758	0.0032
10713061	Efemp2	0.002158	0.9999	-0.463383	0.2651	-0.744217	0.0125	-0.835569	0.0040
10713222	Atg2a	0.068021	0.9999	0.166333	0.4897	0.220132	0.1641	0.316213	0.0311
10713278	Cdc42bpg	0.077166	0.9999	0.354780	0.1222	0.511512	0.0053	0.527516	0.0032
10713450	---	-0.291453	0.8973	-0.331245	0.3461	-0.514952	0.0332	-0.297987	0.2934
10713626	Nxf1	0.116424	0.9921	0.326339	0.2039	0.387186	0.0507	0.408772	0.0371
10713682	Lrrn4cl	-0.013204	0.9999	-0.281010	0.3486	-0.441839	0.0320	-0.342389	0.1185
10713796	Ahnak	0.188858	0.9496	-0.517281	0.0110	-0.349562	0.0675	-0.796685	0.0000
10713833	Rab3il1	0.305733	0.8669	-0.221588	0.6072	-0.551612	0.0187	-0.638071	0.0052
10713857	Fads1	0.133472	0.9999	-0.532599	0.4531	-1.404817	0.0015	-0.844103	0.0683
10713915	Ddb1	0.059720	0.9972	0.199483	0.1582	0.272973	0.0130	0.243417	0.0283
10713974	Slc15a3	0.305473	0.9448	-0.665608	0.0556	-0.911581	0.0020	-0.987281	0.0007
10714020	Ms4a11	-0.051523	0.9999	-0.199929	0.3528	-0.274524	0.0676	-0.311095	0.0344
10714080	Osbp	0.020400	0.9999	0.245274	0.1261	0.327496	0.0106	0.120148	0.4749
10714103	Mpeg1	0.295233	0.8930	-0.754008	0.0027	-0.988483	0.0000	-1.044996	0.0000
10714254	LOC499330	-0.100688	0.9805	-0.182766	0.3461	-0.278618	0.0372	-0.183340	0.2252
10714338	Zfand5	0.056886	0.9999	0.179918	0.4907	0.368666	0.0201	0.328292	0.0409
10714456	Dock8	0.143653	0.9921	-0.272546	0.4595	-0.567341	0.0130	-0.544236	0.0169
10714505	Kank1	-0.325834	0.7532	0.604081	0.0022	0.833694	0.0000	0.752944	0.0001
10714709	RGD1310016	0.000229	0.9999	0.485379	0.0502	0.631987	0.0028	0.508701	0.0162
10714818	Papss2	0.079528	0.9999	0.427502	0.1727	0.342484	0.2030	0.594190	0.0127
10714913	Kif20b	0.051632	0.9999	-0.575746	0.2613	-0.560610	0.1625	-0.814572	0.0284
10714995	Tnks2	-0.087078	0.9990	0.143350	0.6820	0.381377	0.0309	0.341200	0.0586
10715025	Btaf1	0.086251	0.9999	0.274183	0.4633	0.509945	0.0295	0.270502	0.3370
10715078	Kif11	0.252491	0.9968	-0.918526	0.0994	-1.096242	0.0165	-1.516833	0.0007
10715107	Cep55	0.007112	0.9999	-0.980861	0.0730	-1.202966	0.0086	-1.443873	0.0012
10715330	Lcor	0.189616	0.9525	0.229077	0.4484	0.446974	0.0190	0.513681	0.0056
10715344	---	0.408784	0.7566	0.386465	0.2174	0.782946	0.0008	0.570037	0.0138
10715377	Hps1	0.019751	0.9999	-0.266229	0.0899	-0.358948	0.0053	-0.317619	0.0132

10715400	Pyroxd2	0.005113	0.9999	-0.525693	0.0762	-0.662699	0.0073	-0.822673	0.0007
10715497	Chuk	-0.081152	0.9999	0.227229	0.3982	0.362918	0.0420	0.293999	0.1200
10715667	Kazald1	0.058149	0.9999	-0.493842	0.1984	-0.738535	0.0108	-0.752514	0.0083
10715825	Sufu	-0.355139	0.7355	0.582246	0.0060	0.714796	0.0003	0.749992	0.0001
10715870	RGD1311783	-0.079423	0.9999	-0.353651	0.2721	-0.459999	0.0513	-0.527692	0.0219
10715889	Cnmn2	-0.162782	0.9544	0.471829	0.0083	0.596337	0.0003	0.920766	0.0000
10715990	Gsto1	-0.140862	0.9620	-0.234258	0.2821	-0.251000	0.1292	-0.328527	0.0364
10716064	Mxi1	0.263071	0.8562	0.495656	0.0135	0.625979	0.0005	0.602457	0.0007
10716078	Mxi1	0.375878	0.7989	0.653605	0.0099	0.823498	0.0004	0.767938	0.0007
10716168	Acs15	-0.010534	0.9999	0.385875	0.1069	0.564479	0.0036	0.644200	0.0007
10716250	Nhlrc2	-0.030594	0.9999	0.319567	0.1246	0.397058	0.0176	0.403385	0.0148
10716480	Grk5	0.067296	0.9999	0.906159	0.0038	1.123470	0.0001	1.002160	0.0004
10716596	LOC679873	-0.086854	0.9224	-0.111999	0.3200	-0.181138	0.0211	-0.126560	0.1367
10716616	Raet11	-0.054106	0.9999	-0.199796	0.2403	-0.259590	0.0408	-0.212770	0.1121
10716657	Map3k7ip2	0.075386	0.9972	0.297816	0.0706	0.446951	0.0012	0.483194	0.0004
10716679	RGD1566017	0.335111	0.7989	-0.404150	0.1007	-0.412132	0.0448	-0.437698	0.0312
10716785	Rab32	-0.059340	0.9999	-1.057275	0.0009	-1.014017	0.0007	-1.009198	0.0006
10716984	Heca	-0.023930	0.9999	0.477616	0.0189	0.886263	0.0000	0.753472	0.0000
10716995	Ccdc28a	0.227370	0.8724	0.390795	0.0565	0.549728	0.0016	0.514540	0.0025
10717168	Hmgb2	0.106573	0.9999	-0.917960	0.0096	-1.173874	0.0003	-1.439914	0.0000
10717170	Epb4.112	0.136267	0.9942	-0.534941	0.0532	-0.433760	0.0789	-0.785557	0.0007
10717195	Ccnb2	0.098295	0.9999	-1.291984	0.0479	-1.631885	0.0035	-2.084355	0.0002
10717331	Sgk1	0.360056	0.8578	-0.497647	0.1104	-0.646845	0.0104	-0.692417	0.0050
10717459	Tppp	-0.475731	0.3730	-0.071520	0.8890	-0.497039	0.0079	-0.527598	0.0039
10717470	Brd9	0.023446	0.9999	-0.268045	0.4092	-0.465075	0.0287	-0.434801	0.0425
10717571	Lpcat1	0.078527	0.9999	-0.093917	0.8801	-0.134001	0.6955	-0.497937	0.0332
10717779	Fbxo5	0.065451	0.9999	-1.126879	0.0904	-1.069495	0.0578	-1.775343	0.0009
10717953	---	0.567073	0.8411	0.599589	0.2309	1.084923	0.0032	0.873787	0.0176
10718152	---	-0.331539	0.7200	-0.367128	0.0737	-0.439826	0.0104	-0.357541	0.0415
10718208	Dact2	-0.377619	0.8437	0.844821	0.0016	0.498623	0.0533	0.957054	0.0001
10718217	Thbs2	0.247698	0.9921	-0.535042	0.3153	-1.005063	0.0063	-1.435346	0.0001
10718266	Phf10	0.041640	0.9999	0.354533	0.0335	0.425534	0.0034	0.160137	0.3755
10718520	Cnot3	0.158343	0.9624	0.305788	0.2077	0.244805	0.2357	0.376394	0.0433
10718696	Znf667	0.181128	0.8973	0.270145	0.1582	0.226074	0.1640	0.416337	0.0041
10718725	Nlrp5	-0.294606	0.3730	-0.199043	0.1966	-0.292133	0.0120	-0.210635	0.0874
10718803	U2af2	-0.037687	0.9999	-0.170384	0.2077	-0.069031	0.6297	-0.251416	0.0123
10718835	RGD1565772	0.239628	0.8872	-0.074525	0.8846	-0.411751	0.0321	-0.291920	0.1654
10718852	Nat14	0.042910	0.9999	0.157384	0.5744	0.381521	0.0146	0.223270	0.2088
10718881	Brsk1	-0.074874	0.9999	0.537091	0.0155	0.615451	0.0021	0.505488	0.0106
10718934	Fcar	-0.184616	0.7200	-0.083350	0.6114	-0.171498	0.0596	-0.256042	0.0029
10718954	Lilrb4	0.644453	0.7989	-1.269078	0.0031	-1.464013	0.0003	-1.528623	0.0001
10719204	Ehd2	0.120170	0.9972	-0.386527	0.1787	-0.545466	0.0131	-0.536202	0.0142
10719232	Gltscr1	0.323326	0.8557	0.167348	0.7173	0.125060	0.7036	0.474397	0.0338
10719265	Grif1	0.008801	0.9999	0.365134	0.3617	0.554668	0.0426	0.654232	0.0140
10719294	Calm3	-0.001810	0.9999	-0.252355	0.1734	-0.360833	0.0113	-0.361265	0.0102
10719364	RGD1307390	-0.087571	0.9819	-0.314410	0.0141	-0.160084	0.2183	-0.357445	0.0015
10719501	Clptm1	0.005718	0.9999	0.176656	0.2230	0.276295	0.0101	0.318766	0.0023

10719530	Apoe	0.381135	0.8614	-0.827568	0.0060	-0.961090	0.0005	-1.215031	0.0000
10719538	Tomm40	-0.086002	0.9921	-0.193273	0.3331	-0.293854	0.0344	-0.343457	0.0109
10719754	Grik5	0.244322	0.8339	0.278009	0.1756	0.284287	0.0849	0.377511	0.0162
10719817	Pafah1b3	0.004496	0.9999	-0.226484	0.3181	-0.209116	0.2410	-0.480724	0.0017
10719829	Lipe	-0.025486	0.9999	0.177328	0.6466	0.233301	0.3241	0.403831	0.0490
10719900	Axl	-0.098349	0.9999	-0.395417	0.4233	-0.402977	0.2674	-0.753862	0.0162
10720111	Map3k10	0.025445	0.9999	0.278847	0.1481	0.192607	0.2705	0.310699	0.0448
10720130	---	-0.024119	0.9999	0.161213	0.5193	0.305413	0.0422	0.206603	0.2217
10720166	Supt5h	0.112779	0.9867	0.304546	0.1231	0.468080	0.0030	0.501227	0.0011
10720224	Samd4b	0.166725	0.9620	0.139082	0.7141	0.218083	0.3073	0.378911	0.0407
10720430	Psm8	-0.156728	0.9921	0.474183	0.1574	0.706184	0.0065	0.707252	0.0055
10720479	Spint2	-0.044628	0.9999	0.342080	0.0502	0.320582	0.0351	0.512076	0.0005
10720522	RGD1564344	0.043598	0.9999	0.156989	0.4174	0.289206	0.0208	0.227221	0.0822
10720526	---	0.038965	0.9999	0.482977	0.2657	0.738184	0.0184	0.390559	0.2910
10720531	---	0.154174	0.9998	0.728299	0.0525	0.950338	0.0030	0.928548	0.0030
10720552	RGD1563239	0.156877	0.9624	0.285731	0.2561	0.431966	0.0179	0.456946	0.0108
10720572	Aplp1	0.057945	0.9999	0.651520	0.0728	0.652600	0.0345	0.532664	0.1005
10720636	RGD1565712	0.181203	0.9010	0.290134	0.1256	0.268225	0.0918	0.444209	0.0025
10720648	Lin37	-0.015236	0.9999	0.162969	0.6609	0.394512	0.0413	0.276085	0.1981
10720847	Lsr	-0.025448	0.9999	0.102696	0.8483	0.118054	0.7080	0.449006	0.0362
10720907	Scn1b	0.085426	0.9999	0.383671	0.1708	0.232174	0.3759	0.563141	0.0079
10720918	Gramd1a	0.051389	0.9999	0.310805	0.1576	0.442904	0.0095	0.349810	0.0459
10721014	---	0.131684	0.9921	0.219580	0.5242	0.571154	0.0046	0.339262	0.1206
10721028	Lsm14a	-0.005802	0.9999	0.167204	0.4646	0.321975	0.0240	0.252354	0.0919
10721038	Kctd15	-0.057314	0.9999	-0.276248	0.4820	-0.385221	0.1302	-0.549694	0.0209
10721145	Znf507	0.260974	0.8669	0.092328	0.8568	0.514993	0.0095	0.176893	0.5035
10721176	Ccne1	0.060444	0.9999	-0.327017	0.4137	-0.258613	0.4218	-0.702204	0.0054
10721234	---	0.366635	0.9544	0.537807	0.3199	0.874917	0.0202	0.506825	0.2421
10721240	Igln5	-0.080769	0.9999	0.368710	0.2226	0.326091	0.1880	0.556770	0.0120
10721261	LOC687856	0.253238	0.8063	-0.271584	0.2002	-0.419358	0.0086	-0.217740	0.2389
10721394	Pold1	0.141240	0.9852	0.028291	0.9691	-0.410770	0.0370	-0.412287	0.0359
10721421	Nr1h2	0.007675	0.9999	0.201118	0.1363	0.258253	0.0159	0.200344	0.0735
10721433	Myh14	0.141067	0.9570	0.271122	0.1414	0.325668	0.0267	0.320415	0.0287
10721684	Rpl13a	-0.187952	0.9310	-0.321484	0.1595	-0.432692	0.0151	-0.350034	0.0568
10721802	Snrnp70	0.096193	0.9972	0.128357	0.7353	0.379773	0.0345	0.138045	0.5747
10721834	Bax	-0.005203	0.9999	0.266311	0.3460	0.536348	0.0049	0.333822	0.1024
10721962	Emp3	-0.102903	0.9999	-0.542982	0.1104	-0.713617	0.0095	-0.810131	0.0025
10722220	Mrgprb13	-0.220471	0.7200	-0.186330	0.1874	-0.232124	0.0336	-0.267503	0.0119
10722247	E2f8	0.097467	0.9977	-0.148487	0.6902	-0.354123	0.0622	-0.420586	0.0227
10722443	---	-0.064300	0.9999	-0.184744	0.4782	-0.266878	0.1115	-0.377123	0.0169
10722692	---	0.151515	0.9223	0.019762	0.9692	-0.028477	0.9112	0.360930	0.0067
10722818	Slco3a1	-0.058182	0.9999	0.341009	0.1727	0.420048	0.0312	0.372856	0.0617
10722903	Mfge8	-0.050627	0.9999	0.345750	0.0651	0.315340	0.0525	0.426167	0.0060
10722992	Anpep	0.466587	0.8770	-0.934725	0.0203	-1.252628	0.0005	-1.298484	0.0003
10723013	RGD1311021	0.095064	0.9921	-0.213045	0.3544	-0.430480	0.0053	-0.304932	0.0572
10723020	Idh2	-0.023380	0.9999	-0.323083	0.2916	-0.422177	0.0582	-0.620747	0.0032
10723131	Blm	0.018517	0.9999	-0.225754	0.1755	-0.335238	0.0087	-0.386379	0.0019

10723351	Il16	-0.066658	0.9990	-0.398142	0.0060	-0.459349	0.0006	-0.398319	0.0022
10723383	RGD1305254	0.669697	0.9010	-1.394963	0.0287	-1.617280	0.0038	-1.935714	0.0004
10723523	Folh1	-0.186445	0.7200	-0.209019	0.0479	-0.196652	0.0325	-0.129295	0.2111
10723623	---	0.011101	0.9999	0.286470	0.0784	0.214343	0.1424	0.341921	0.0107
10723701	Usp35	0.063471	0.9999	0.238790	0.3017	0.505010	0.0018	0.225602	0.2260
10723740	Myo7a	0.273658	0.9038	-0.176659	0.7171	-0.446899	0.0625	-0.508087	0.0306
10723792	Capn5	0.049426	0.9999	-0.520922	0.0202	-0.503780	0.0121	-0.546813	0.0054
10723902	Slco2b1	0.023712	0.9999	-0.354342	0.0489	-0.304337	0.0545	-0.254628	0.1284
10723982	Mrpl48	0.027597	0.9999	-0.179859	0.7359	-0.256558	0.4037	-0.508135	0.0457
10724042	P2ry2	-0.119152	0.9942	-0.306923	0.2930	-0.473412	0.0229	-0.378605	0.0809
10724111	Folr2	0.197675	0.9868	-1.102783	0.0002	-1.271467	0.0000	-1.198967	0.0000
10724238	Olr63	-0.412262	0.9619	-0.680308	0.2610	-0.931570	0.0351	-1.033534	0.0172
10724288	---	0.060372	0.9999	0.184841	0.4233	0.076576	0.7337	0.448738	0.0017
10724327	Hbe2	-0.147004	0.8650	-0.179214	0.2318	-0.283899	0.0101	-0.157471	0.2110
10724335	Olr129	-0.118372	0.7409	-0.061639	0.6221	-0.166682	0.0121	-0.071239	0.3908
10724464	Prkcdbp	-0.123497	0.9624	-0.196780	0.3402	-0.235417	0.1142	-0.315543	0.0255
10724745	St5	0.135359	0.9867	-0.157914	0.6726	-0.392191	0.0408	-0.233861	0.2964
10724819	Dennd5a	-0.077439	0.9968	0.245927	0.1779	0.281306	0.0500	0.240018	0.1106
10724848	RGD1559442	0.270341	0.8773	-0.258538	0.4349	-0.257428	0.2939	-0.432272	0.0438
10724950	Galnt14	0.139516	0.9921	0.995211	0.0000	0.986890	0.0000	1.103917	0.0000
10724967	Dkk3	0.192267	0.9867	0.606874	0.0565	0.580242	0.0351	0.805694	0.0022
10725114	Pik3c2a	0.240319	0.9620	0.542476	0.0938	0.975083	0.0003	0.802540	0.0019
10725164	Arl6ip1	-0.034293	0.9999	-0.494374	0.1222	-0.516579	0.0492	-0.468021	0.0835
10725172	RGD1563508	0.195109	0.9430	0.111433	0.8037	0.402309	0.0351	0.283395	0.1781
10725235	Syt17	-0.176999	0.9620	0.481391	0.0251	0.489101	0.0103	0.335255	0.0993
10725245	Coq7	-0.090536	0.9999	-0.344247	0.2600	-0.467532	0.0363	-0.558033	0.0101
10725253	Tmc7	0.014138	0.9999	0.589879	0.0319	0.680582	0.0046	0.647196	0.0061
10725279	Gprc5b	0.179754	0.9620	0.299339	0.2723	0.416500	0.0352	0.518130	0.0067
10725340	Dcun1d3	0.032746	0.9999	0.286982	0.4275	0.475460	0.0427	0.246762	0.3901
10725407	Usp31	0.036962	0.9999	0.693044	0.0000	0.925241	0.0000	0.771912	0.0000
10725445	Gga2	0.068350	0.9990	-0.111868	0.6890	-0.274797	0.0527	-0.300807	0.0311
10725556	Nsmce1	0.031490	0.9999	-0.319085	0.1578	-0.398551	0.0248	-0.473335	0.0060
10725569	Gtf3c1	0.101371	0.9921	0.146704	0.6107	0.332275	0.0353	0.191758	0.3012
10725610	Gsg11	0.307174	0.4509	-0.184273	0.3150	-0.267986	0.0384	-0.237032	0.0756
10725701	Atxn2l	0.055973	0.9999	0.318989	0.2327	0.248867	0.2747	0.410669	0.0407
10725724	Eif3c	0.064614	0.9942	0.205927	0.1509	0.255741	0.0238	0.265307	0.0176
10725750	Cln3	0.231999	0.8437	0.090572	0.8063	0.203256	0.2501	0.327747	0.0370
10725795	Giyd2	-0.214826	0.8437	-0.227775	0.2471	-0.242341	0.1096	-0.337143	0.0182
10725806	Coro1a	0.380512	0.9136	-1.082963	0.0022	-1.326056	0.0001	-1.178745	0.0003
10725832	Aldoa	0.048857	0.9971	0.126720	0.3282	0.176180	0.0545	0.196943	0.0284
10725927	Kif22	0.118895	0.9999	-0.826546	0.1282	-0.869986	0.0507	-1.381682	0.0011
10726045	Bcl7c	0.030361	0.9999	-0.423788	0.0646	-0.490249	0.0113	-0.596034	0.0016
10726108	Pycard	0.078006	0.9999	-0.257431	0.2835	-0.420309	0.0135	-0.326022	0.0662
10726118	---	0.027288	0.9999	0.215209	0.4339	0.224170	0.2641	0.352496	0.0490
10726408	Mki67	0.228046	0.9999	-0.896812	0.2192	-0.971587	0.0875	-1.770170	0.0008
10726550	Adam8	-0.074000	0.9898	-0.057528	0.8263	-0.222268	0.0414	-0.122933	0.3475
10726574	Tubgcp2	0.159171	0.9624	-0.308240	0.1861	-0.278349	0.1472	-0.489596	0.0048

10726611	Echs1	0.111795	0.9999	-0.384630	0.2800	-0.394425	0.1499	-0.518013	0.0457
10726669	Cox8b	0.128449	0.9999	-0.474165	0.5417	-1.017152	0.0246	-0.888006	0.0546
10726679	Ifitm2	0.090047	0.9999	-0.487558	0.0654	-0.426964	0.0641	-0.753044	0.0006
10726682	Ifitm3	0.147897	0.9942	-1.355551	0.0000	-1.449343	0.0000	-1.536451	0.0000
10726821	Cend1	-0.124073	0.9998	0.040965	0.9662	0.130209	0.7431	0.641674	0.0116
10726924	Hcca2	-0.029819	0.9999	0.143777	0.5935	0.442031	0.0028	0.215324	0.1987
10726979	Ctsd	0.163723	0.9170	-0.132993	0.6211	-0.298897	0.0406	-0.045583	0.8593
10727122	Osbpl5	0.081853	0.9999	-0.199222	0.5193	-0.124451	0.6273	-0.494989	0.0055
10727329	Saps3	0.025274	0.9999	0.258356	0.4269	0.438834	0.0370	0.336500	0.1362
10727462	Rpl35a	-0.017409	0.9999	-0.091389	0.8598	-0.479821	0.0166	-0.349247	0.1014
10727558	Kdm2a	0.192367	0.9199	0.263125	0.2640	0.557099	0.0009	0.380910	0.0249
10727634	Rbm4	0.231882	0.9136	0.311745	0.2679	0.447666	0.0284	0.246162	0.3073
10727740	Klc2	-0.209039	0.8945	0.255388	0.2847	0.484738	0.0041	0.499787	0.0024
10727846	Drap1	-0.060718	0.9999	-0.219397	0.3611	-0.294463	0.0797	-0.345341	0.0341
10727867	Mus81	0.106723	0.9942	0.232227	0.4093	0.460151	0.0114	0.356230	0.0584
10727924	Sipa1	-0.096134	0.9999	-0.191475	0.6646	-0.495699	0.0295	-0.454375	0.0492
10727977	Ehbp111	-0.306840	0.7989	0.287605	0.2699	0.438936	0.0193	0.239793	0.2756
10727999	Mtvr2	0.140724	0.9630	0.285607	0.1901	0.332320	0.0504	0.368284	0.0272
10728028	---	0.249247	0.9921	0.469340	0.4284	1.253270	0.0009	1.027627	0.0054
10728057	Cdc42ep2	-0.027546	0.9999	-0.460185	0.0440	-0.523179	0.0077	-0.705081	0.0003
10728164	Ppp2r5b	-0.088407	0.9921	0.512192	0.0006	0.395044	0.0047	0.477324	0.0005
10728269	Gpr137	0.029864	0.9999	0.318917	0.3391	0.461724	0.0474	0.639128	0.0039
10728346	Fermt3	0.368660	0.7989	-0.683787	0.0044	-0.903141	0.0001	-0.889344	0.0001
10728396	Mark2	0.103986	0.9805	0.171788	0.4158	0.294308	0.0324	0.292354	0.0332
10728440	Cdca5	-0.004688	0.9999	-0.530519	0.1268	-0.746429	0.0070	-0.918992	0.0007
10728597	Incenp	0.077580	0.9999	-0.363374	0.1361	-0.337938	0.0957	-0.410105	0.0363
10728800	Tmem132a	-0.037133	0.9999	0.302850	0.1608	0.288572	0.1025	0.346429	0.0435
10728904	Ms4a7	0.116253	0.9999	-0.578818	0.1958	-0.922820	0.0061	-0.728243	0.0333
10728924	Ms4a6b	0.242696	0.8948	-0.512641	0.0196	-0.459304	0.0206	-0.479730	0.0141
10728930	LOC690930	0.124058	0.9630	-0.412532	0.0100	-0.481579	0.0009	-0.541050	0.0002
10728986	Olr322	0.033972	0.9999	0.034817	0.9074	-0.031740	0.8638	0.231117	0.0292
10729009	Dtx4	0.202420	0.9620	-0.810120	0.0005	-0.879835	0.0001	-1.122298	0.0000
10729124	Vps13a	0.182093	0.9620	0.286921	0.2989	0.506155	0.0090	0.348357	0.0904
10729252	Ostf1	-0.003647	0.9999	-0.289442	0.3725	-0.333258	0.1546	-0.449879	0.0410
10729269	Anxa1	0.134966	0.9998	-0.369080	0.4036	-0.596251	0.0410	-0.726381	0.0101
10729314	Gda	0.067564	0.9999	-0.940015	0.1818	-1.390252	0.0097	-1.188387	0.0286
10729348	Klf9	0.074675	0.9999	0.224350	0.5222	0.335546	0.1275	0.509398	0.0124
10729350	Smc5	0.151324	0.9921	0.261797	0.5045	0.499695	0.0349	0.386036	0.1272
10729409	Tjp2	-0.089480	0.9977	0.232182	0.3455	0.404358	0.0155	0.307344	0.0796
10729525	Rfx3	0.122001	0.9867	0.257418	0.2821	0.355163	0.0404	0.289726	0.1137
10729552	---	0.033497	0.9999	0.542307	0.0621	0.558457	0.0248	0.332597	0.2440
10729629	---	0.079366	0.9999	0.282861	0.2953	0.418726	0.0300	0.300822	0.1516
10729802	Pank1	-0.102708	0.9999	0.284026	0.4383	0.626550	0.0067	0.660660	0.0034
10729898	Cyp26c1	0.066933	0.9999	0.052083	0.9027	0.100647	0.6352	0.314918	0.0393
10730057	Pdlim1	-0.308530	0.8190	0.357295	0.1577	0.397282	0.0487	0.494545	0.0109
10730131	Blnk	0.139992	0.9136	-0.148604	0.4403	-0.272557	0.0267	-0.200694	0.1286
10730190	Pik3ap1	0.235327	0.9310	-0.427025	0.1230	-0.480274	0.0328	-0.337278	0.1724

10730297	Zfyve27	-0.011959	0.9999	0.347412	0.0722	0.454584	0.0048	0.545113	0.0006
10730636	Calhm2	-0.048489	0.9999	-0.264895	0.3712	-0.314152	0.1385	-0.482350	0.0136
10730855	Mxi1	0.240525	0.8628	0.471548	0.0187	0.593844	0.0009	0.585084	0.0009
10730869	Add3	0.192158	0.9412	-0.596724	0.0024	-0.740159	0.0001	-0.791737	0.0000
10731075	Gfra1	-0.042825	0.9999	-0.570065	0.0012	-0.729418	0.0000	-0.752091	0.0000
10731156	RGD1308127	-0.062402	0.9999	0.376019	0.1748	0.515666	0.0156	0.535994	0.0107
10731229	Bfar	0.131009	0.9875	0.258120	0.3528	0.470902	0.0120	0.368932	0.0570
10731343	LOC688708	0.116020	0.9921	0.354364	0.1275	0.364318	0.0564	0.382471	0.0442
10731348	Ntan1	0.117487	0.9620	0.192265	0.2811	0.294727	0.0210	0.205064	0.1386
10731428	Gspt1	0.039940	0.9999	0.159820	0.4349	0.289413	0.0275	0.249040	0.0646
10731508	Tnp2	0.023852	0.9999	0.067523	0.7409	0.139281	0.1786	0.194023	0.0444
10731514	Dexi	-0.149189	0.9819	0.373113	0.1307	0.525991	0.0073	0.577062	0.0025
10731531	Emp2	0.023020	0.9999	0.470758	0.2298	0.331768	0.3350	0.631156	0.0306
10731591	Carhsp1	0.075976	0.9999	0.281714	0.2723	0.444854	0.0155	0.426451	0.0199
10731711	Anks3	0.173555	0.8987	0.146036	0.5660	0.308727	0.0333	0.149939	0.4050
10731783	Magmas	-0.314304	0.9223	-0.336455	0.4531	-0.655124	0.0203	-0.652415	0.0198
10731872	Btbd12	0.148206	0.9819	0.169590	0.6623	0.427326	0.0336	0.137523	0.6328
10731970	Pkmyt1	-0.089716	0.9999	-0.284087	0.3696	-0.350493	0.1180	-0.570049	0.0058
10732021	Abca3	0.210330	0.8973	0.279601	0.2334	0.338384	0.0569	0.371381	0.0338
10732257	Nme3	0.049158	0.9999	-0.175333	0.5570	-0.082922	0.7535	-0.353870	0.0399
10732644	Stc2	0.375208	0.9336	-0.680921	0.1271	-0.916721	0.0101	-0.736200	0.0434
10732649	Nkx2-5	-0.163716	0.9620	0.251834	0.3461	0.457832	0.0114	0.474298	0.0077
10732652	Dusp1	-0.265489	0.9624	0.768708	0.0228	1.161396	0.0001	1.219319	0.0001
10732697	Fbxw11	0.004544	0.9999	0.170002	0.3752	0.364316	0.0040	0.105147	0.5468
10732725	Lcp2	0.229915	0.9010	-0.388237	0.1005	-0.610306	0.0015	-0.496065	0.0091
10732750	Slit3	0.639281	0.4739	-2.050694	0.0000	-2.400759	0.0000	-2.277467	0.0000
10732821	Rpl32	-0.044163	0.9999	-0.158630	0.5377	-0.370610	0.0126	-0.398373	0.0063
10733004	---	-0.291536	0.9136	0.533233	0.0786	0.661972	0.0087	0.643461	0.0099
10733056	Ifi47	0.200395	0.9659	-0.493120	0.1083	-0.562849	0.0252	-0.510009	0.0456
10733069	Mgat1	-0.216207	0.9136	0.429649	0.0510	0.308940	0.1245	0.509288	0.0058
10733084	Olr1393	0.018782	0.9999	0.031584	0.9351	0.175548	0.2132	0.261735	0.0414
10733102	Flt4	-0.446130	0.8835	1.302642	0.0004	1.116994	0.0013	1.445380	0.0000
10733225	Mgat4b	0.076815	0.9999	0.446292	0.0185	0.490957	0.0038	0.625545	0.0002
10733258	Adamts2	0.061863	0.9999	-0.297558	0.5709	-0.668480	0.0243	-0.965989	0.0007
10733380	Nhp2	-0.227575	0.8614	-0.189374	0.4762	-0.298310	0.0770	-0.366581	0.0242
10733484	Aff4	0.032608	0.9999	0.420583	0.0220	0.686152	0.0000	0.615205	0.0002
10733564	P4ha2	0.377236	0.8872	-0.532293	0.1675	-0.638133	0.0350	-0.411707	0.2303
10733690	Gm2a	0.280769	0.8614	-0.546071	0.0164	-0.668423	0.0011	-0.547277	0.0066
10733790	Igtp	0.019250	0.9999	-0.246465	0.2061	-0.396336	0.0066	-0.332628	0.0235
10733938	Hist3h2ba	-0.213622	0.9620	-0.481090	0.0747	-0.567746	0.0120	-0.405815	0.0905
10733940	Hist3h2a	-0.031834	0.9999	-0.211283	0.4538	-0.424127	0.0165	-0.373841	0.0366
10733972	Jmjd4	0.029990	0.9999	0.170043	0.6520	0.399698	0.0439	0.274592	0.2166
10733997	Mprip	0.084820	0.9942	0.329942	0.0501	0.419392	0.0036	0.204057	0.2166
10734061	LOC691649	0.285959	0.8570	0.388129	0.1171	0.411114	0.0433	0.206423	0.4138
10734148	Alkbh5	0.208358	0.8614	0.233105	0.2790	0.402671	0.0085	0.316353	0.0434
10734185	Smcr8	0.070781	0.9999	0.228448	0.4828	0.388169	0.0551	0.397887	0.0493
10734228	Aldh3a1	-0.332784	0.9624	-1.866150	0.0000	-1.954856	0.0000	-2.160538	0.0000

10734270	Cytsb	-0.176849	0.9867	0.920424	0.0004	0.688868	0.0047	0.618407	0.0105
10734320	Trpv2	0.125374	0.9999	-0.623375	0.0448	-0.776654	0.0036	-0.817366	0.0017
10734493	Myh3	-0.284338	0.9631	0.610864	0.1575	0.716397	0.0358	1.036279	0.0015
10734673	Gas7	0.354064	0.8063	-1.085158	0.0000	-1.154540	0.0000	-1.225627	0.0000
10734853	Aurkb	0.084787	0.9999	-0.925193	0.0472	-0.909682	0.0246	-1.580266	0.0001
10734970	Lsm1	-0.114664	0.9819	-0.161435	0.5523	-0.222070	0.1961	-0.314282	0.0474
10734994	Fxr2	0.004890	0.9999	0.327300	0.0363	0.366793	0.0068	0.402770	0.0023
10735315	Rpl36a	-0.031543	0.9999	-0.145577	0.7474	-0.469457	0.0244	-0.405320	0.0575
10735319	Rnf167	0.125321	0.9857	0.145556	0.6706	0.221447	0.2661	0.383123	0.0278
10735331	Eno3	0.093367	0.9999	-0.986712	0.0325	-1.024304	0.0112	-1.287650	0.0011
10735424	Fam64a	0.043769	0.9999	-0.597785	0.2905	-0.910119	0.0244	-1.138882	0.0035
10735771	Olr1520	0.042250	0.9999	0.343956	0.0159	0.030171	0.8989	0.121278	0.4722
10735887	---	-0.300608	0.9525	0.368190	0.4383	0.641777	0.0353	0.619272	0.0439
10735949	Scarf1	0.122168	0.9953	-0.189446	0.6509	-0.496768	0.0223	-0.411385	0.0670
10735959	Slc43a2	0.062498	0.9999	-0.854927	0.0003	-0.866961	0.0001	-0.802864	0.0002
10735986	Inpp5k	0.264621	0.8971	0.229916	0.5377	0.446984	0.0420	0.487436	0.0244
10736057	RGD1307493	-0.140568	0.9620	-0.346590	0.0562	-0.416649	0.0069	-0.385444	0.0117
10736195	Supt6h	0.115966	0.9921	0.242078	0.3361	0.417717	0.0155	0.404232	0.0186
10736257	Traf4	0.006364	0.9999	0.277348	0.3877	0.463467	0.0297	0.400796	0.0681
10736267	Slc46a1	0.116297	0.9631	0.336342	0.0316	0.457527	0.0008	0.358600	0.0079
10736337	Nf1	0.288415	0.8614	0.419204	0.1000	0.573221	0.0057	0.425020	0.0462
10736420	Taok1	0.128894	0.9630	0.256198	0.2026	0.402248	0.0077	0.462582	0.0017
10736486	Cpd	0.136003	0.9624	0.321929	0.0876	0.296473	0.0654	0.402249	0.0087
10736545	Nxn	0.018678	0.9999	-0.106002	0.7907	-0.369233	0.0341	-0.291926	0.1144
10736784	Slfn5	0.506811	0.8570	-0.806311	0.0497	-1.000453	0.0044	-1.095986	0.0014
10736795	Slfn2	-0.010837	0.9999	-0.567882	0.2849	-0.848992	0.0261	-0.650816	0.1076
10736852	Taf15	0.103997	0.9921	0.194472	0.4232	0.374828	0.0157	0.370812	0.0162
10737194	---	-0.153588	0.9999	-0.495523	0.4308	-0.984420	0.0136	-1.171867	0.0025
10737201	---	-0.153588	0.9999	-0.495523	0.4308	-0.984420	0.0136	-1.171867	0.0025
10737203	---	-0.153588	0.9999	-0.495523	0.4308	-0.984420	0.0136	-1.171867	0.0025
10737506	Tob1	0.080585	0.9999	0.271194	0.4642	0.607265	0.0079	0.582420	0.0099
10737527	Mrpl27	-0.060587	0.9999	-0.262107	0.1041	-0.206180	0.1458	-0.307980	0.0186
10737627	Fam117a	-0.088126	0.9990	-0.553854	0.0036	-0.374663	0.0371	-0.454634	0.0091
10737663	Gngt2	-0.145738	0.9814	-0.841236	0.0000	-0.885628	0.0000	-0.855289	0.0000
10737763	Copz2	0.140606	0.9898	-0.164448	0.6891	-0.244836	0.3055	-0.410319	0.0493
10737784	Mrpl10	-0.001893	0.9999	-0.221159	0.1833	-0.369699	0.0035	-0.434264	0.0005
10737827	Socs7	-0.021925	0.9999	0.208181	0.4816	0.367332	0.0448	0.168048	0.4749
10737874	Mllt6	0.088784	0.9999	0.393556	0.0992	0.617205	0.0015	0.705947	0.0003
10738071	Msl1	0.172872	0.8945	0.219298	0.2600	0.347212	0.0130	0.247954	0.0964
10738118	Cdc6	-0.001117	0.9999	-0.436042	0.4805	-0.736984	0.0556	-1.207532	0.0009
10738140	Igfbp4	0.141995	0.9921	-0.241176	0.4897	-0.424207	0.0491	-0.502784	0.0164
10738177	Fkbp10	0.075560	0.9999	-0.171485	0.6958	-0.432949	0.0497	-0.360486	0.1211
10738261	RGD1564228	0.315716	0.7200	-0.209020	0.3640	-0.367586	0.0176	-0.391823	0.0100
10738341	Ramp2	0.156108	0.9985	-0.478327	0.2461	-0.735414	0.0144	-0.741268	0.0126
10738391	Aoc3	0.369457	0.8669	-0.603234	0.0722	-0.931761	0.0009	-0.740968	0.0073
10738423	Rnd2	0.227671	0.9277	0.484155	0.0463	0.546969	0.0088	0.660831	0.0012
10738451	Tmem106a	0.047509	0.9999	-0.414968	0.0091	-0.655615	0.0000	-0.522873	0.0003

10738469	Rdm1	-0.038668	0.9999	-0.275978	0.3858	-0.354172	0.1091	-0.451914	0.0326
10738556	Tmub2	0.190848	0.8619	0.201595	0.3279	0.211601	0.1723	0.353450	0.0116
10738576	Grn	0.238957	0.8541	-0.380614	0.0408	-0.476401	0.0030	-0.398397	0.0123
10738657	Acbd4	-0.092389	0.9921	0.044720	0.9192	0.269310	0.0921	0.325314	0.0350
10738676	Fmn1l	0.073401	0.9999	-0.230707	0.3105	-0.410423	0.0094	-0.363153	0.0219
10738705	Magmas	-0.018213	0.9999	-0.121080	0.8309	-0.603764	0.0084	-0.415291	0.0871
10738744	Mapt	-0.048729	0.9999	0.769542	0.0000	0.505247	0.0023	0.555537	0.0006
10738972	Mrc2	0.010588	0.9999	-0.250310	0.7331	-0.565911	0.1202	-0.816248	0.0168
10739003	Tanc2	0.145788	0.9990	0.950497	0.0022	1.033571	0.0004	0.943900	0.0009
10739035	Ace	0.038079	0.9999	-0.530158	0.2702	-0.696133	0.0479	-0.530786	0.1640
10739236	Helz	0.126708	0.9889	0.300898	0.2215	0.383758	0.0391	0.265598	0.1986
10739395	Rpl38	-0.101337	0.9777	-0.144100	0.5155	-0.312727	0.0174	-0.171223	0.2646
10739457	Cd300a	0.197192	0.9220	-0.338035	0.1230	-0.416411	0.0183	-0.353968	0.0497
10739541	H3f3b	0.011277	0.9999	-0.293477	0.2951	-0.370817	0.0700	-0.424537	0.0339
10739630	Tsen54	-0.267403	0.8614	0.188023	0.5911	0.277051	0.1967	0.394653	0.0460
10739642	Llgl2	0.010815	0.9999	0.772328	0.0012	0.791322	0.0004	0.931248	0.0000
10739781	RGD1311078	-0.108241	0.9659	-0.094187	0.7498	-0.316769	0.0191	-0.255544	0.0683
10739866	Sec14l1	0.036197	0.9999	0.173225	0.3510	0.260756	0.0417	0.162714	0.2708
10739886	9-Sep	0.124970	0.9990	-0.526886	0.0702	-0.696994	0.0042	-0.782611	0.0010
10739927	C1qtnf1	0.306239	0.9010	-0.345103	0.3649	-0.569339	0.0275	-0.425863	0.1229
10739958	Rnf213	0.171161	0.9624	-0.175672	0.6269	-0.391241	0.0449	-0.080747	0.7998
10740085	Chmp6	-0.012310	0.9999	-0.130022	0.5748	-0.206125	0.1377	-0.318620	0.0127
10740185	Anapc11	-0.077627	0.9968	-0.212877	0.2789	-0.354722	0.0112	-0.163706	0.3367
10740293	Abcc1	-0.117973	0.9999	0.164797	0.8097	0.424809	0.1746	0.691851	0.0149
10740413	RGD1563163	-0.106784	0.9999	-0.308043	0.3687	-0.528112	0.0220	-0.447973	0.0582
10740416	Clec16a	-0.146076	0.9750	0.232986	0.4294	0.450717	0.0166	0.440996	0.0183
10740529	Abat	-0.185422	0.7905	-0.254688	0.0458	-0.189048	0.1015	-0.031986	0.8739
10740558	Rpl35a	-0.002540	0.9999	-0.062156	0.9093	-0.440312	0.0240	-0.293201	0.1732
10740560	LOC687502	0.069414	0.9999	-0.467559	0.3858	-0.749199	0.0375	-0.600423	0.1163
10740567	A2bp1	-0.170444	0.9921	-0.626419	0.0324	-0.819756	0.0013	-0.913656	0.0003
10740815	Znf213	0.097627	0.9653	0.131288	0.5070	0.158800	0.2330	0.242549	0.0436
10740891	Paqr4	0.029753	0.9999	-0.590320	0.0004	-0.513351	0.0010	-0.550505	0.0004
10740966	Pdpk1	-0.006677	0.9999	0.129483	0.7171	0.349112	0.0449	0.084768	0.7592
10740982	Amdhd2	0.147886	0.9199	-0.241326	0.1435	-0.358736	0.0055	-0.286853	0.0285
10741028	Ccnf	0.059962	0.9999	-0.853896	0.0885	-1.037899	0.0120	-1.381268	0.0006
10741463	Chtf18	0.101920	0.9921	-0.243620	0.2824	-0.345644	0.0346	-0.362205	0.0252
10741518	Fam173a	0.204845	0.9170	0.347236	0.1195	0.456971	0.0108	0.526087	0.0025
10741802	---	-0.278161	0.7200	-0.157074	0.4828	-0.366037	0.0067	-0.335421	0.0123
10741831	RGD1310862	0.068923	0.9999	0.367347	0.2077	0.525216	0.0168	0.476785	0.0311
10741865	---	0.176221	0.9998	-1.058754	0.0092	-1.299019	0.0005	-1.446352	0.0001
10741868	RGD1564984	0.013822	0.9999	-0.505475	0.0525	-0.651070	0.0034	-0.736041	0.0007
10742104	Gpbp1l1	0.109090	0.9959	0.304679	0.2600	0.491853	0.0114	0.360421	0.0775
10742128	Hmmr	-0.029044	0.9999	-0.975833	0.1237	-1.322278	0.0090	-1.427633	0.0039
10742145	Ceng1	-0.100433	0.9949	0.230933	0.3854	0.377990	0.0332	0.446553	0.0097
10742194	Pttg1	0.133930	0.9999	-1.004323	0.0796	-1.240537	0.0092	-1.629101	0.0005
10742236	Thg1l	-0.125053	0.9921	-0.388582	0.1102	-0.326091	0.1193	-0.471477	0.0163
10742254	Cyfp2	-0.178388	0.9664	0.810631	0.0006	0.988889	0.0000	0.689128	0.0014

10742352	RGD1559575	0.231991	0.8669	-0.445658	0.0239	-0.521993	0.0028	-0.373356	0.0359
10742575	Hspa4	-0.042070	0.9999	0.215263	0.2054	0.310370	0.0154	0.252697	0.0555
10742849	---	-0.061834	0.9959	-0.082041	0.7238	-0.225914	0.0438	0.105476	0.4598
10742868	LOC686661	0.179282	0.9917	-0.916416	0.0010	-0.782288	0.0028	-1.015185	0.0001
10742913	LOC691286	-0.196732	0.7989	-0.125283	0.5609	-0.251831	0.0422	-0.205732	0.1168
10742989	Obscn	-0.060962	0.9999	0.652139	0.0063	0.560417	0.0109	0.708261	0.0009
10743013	Obscn	0.050582	0.9999	0.728834	0.0073	0.600804	0.0164	0.667401	0.0064
10743025	Obscn	0.063184	0.9999	0.721221	0.0146	0.609979	0.0236	0.657148	0.0128
10743027	Obscn	-0.016649	0.9999	0.633313	0.0646	0.500406	0.1004	0.652573	0.0248
10743029	Obscn	0.021239	0.9999	0.620463	0.0651	0.495590	0.0972	0.628849	0.0281
10743031	Obscn	0.003069	0.9999	0.717358	0.0333	0.632426	0.0348	0.622758	0.0377
10743041	Obscn	0.028813	0.9999	0.737789	0.0176	0.718327	0.0103	0.734667	0.0076
10743096	---	0.003533	0.9999	0.511540	0.0938	0.623287	0.0127	0.584740	0.0194
10743100	Obscn	0.104843	0.9999	0.635524	0.0448	0.771472	0.0045	0.573911	0.0385
10743199	Pemt	-0.094163	0.9921	-0.214623	0.3350	-0.293899	0.0612	-0.337573	0.0279
10743235	Tom1l2	-0.075452	0.9999	0.362581	0.1666	0.391177	0.0609	0.435226	0.0338
10743296	Top3a	0.262890	0.8872	0.381919	0.1511	0.653826	0.0016	0.470413	0.0241
10743341	---	-0.366226	0.8562	0.340471	0.3704	0.536109	0.0372	0.349683	0.2304
10743535	Ncor1	0.118474	0.9843	0.217796	0.3650	0.388900	0.0160	0.334240	0.0421
10743652	Myocd	0.012569	0.9999	0.557451	0.0331	0.642336	0.0048	0.740925	0.0009
10743723	RGD1309906	-0.054317	0.9999	0.126831	0.7738	0.296771	0.1584	0.434001	0.0257
10743774	Ntn1	0.416932	0.8614	-0.565564	0.1313	-0.864928	0.0036	-0.715053	0.0161
10743785	Ndel1	0.000723	0.9999	0.222177	0.4238	0.406482	0.0231	0.281225	0.1488
10743825	Pfas	-0.037768	0.9999	-0.344379	0.2472	-0.322389	0.1739	-0.463871	0.0343
10743966	Kdm6b	0.101810	0.9999	0.272689	0.4899	0.263462	0.3594	0.520258	0.0306
10744127	Cd68	0.635087	0.8161	-1.766809	0.0000	-2.302039	0.0000	-2.184782	0.0000
10744143	Senp3	-0.029392	0.9999	0.170773	0.5099	0.354172	0.0224	0.232688	0.1752
10744161	Tnfsf13	0.215278	0.7401	-0.171928	0.3217	-0.342742	0.0041	-0.296534	0.0124
10744171	Tnfsf12	0.071413	0.9999	-0.283116	0.2981	-0.372305	0.0584	-0.445100	0.0198
10744324	Slc2a4	0.016447	0.9999	-0.441939	0.4012	-0.714780	0.0402	-0.841090	0.0129
10744370	Slc16a13	0.061452	0.9999	0.227117	0.5904	0.326430	0.2099	0.545862	0.0187
10744385	RGD1308134	0.005778	0.9999	-0.410812	0.0140	-0.531024	0.0004	-0.479187	0.0011
10744597	LOC691995	-0.085969	0.9999	-0.475200	0.4320	-0.673000	0.0952	-1.252699	0.0008
10744632	Aip1l	-0.280067	0.7200	-0.318352	0.0413	-0.307808	0.0239	-0.109060	0.5573
10744751	Cyb5d2	-0.015091	0.9999	0.605941	0.0269	0.544352	0.0259	0.517681	0.0343
10744766	Aspa	-0.146700	0.8614	-0.184913	0.1958	-0.244341	0.0252	-0.204905	0.0697
10744780	Olr1470	0.024979	0.9999	-0.004272	0.9910	0.067752	0.5873	0.222276	0.0140
10744939	Serpinf1	0.006984	0.9999	-0.401926	0.5262	-1.133065	0.0022	-0.874107	0.0182
10745081	Pigs	0.020245	0.9999	0.172102	0.5861	0.158962	0.4810	0.374043	0.0342
10745107	Spag5	0.049054	0.9999	-0.740025	0.1874	-0.801408	0.0702	-1.167471	0.0053
10745222	RGD1566149	0.071711	0.9977	0.325249	0.0369	0.287924	0.0367	0.326096	0.0156
10745292	Lgals9	-0.171940	0.9921	-0.860738	0.0055	-0.717485	0.0122	-0.765420	0.0065
10745340	---	0.709807	0.0378	-0.363132	0.1271	-0.292755	0.1561	-0.336381	0.0967
10745342	Evi2a	-0.007728	0.9999	-0.490870	0.0001	-0.569877	0.0000	-0.430175	0.0002
10745345	---	-0.063098	0.9999	0.394042	0.0458	0.420023	0.0132	0.476361	0.0040
10745509	Myo1d	-0.162739	0.9999	0.775340	0.0720	0.990805	0.0059	0.891514	0.0125
10745595	Slfn8	0.248009	0.9653	-0.682846	0.0525	-0.669661	0.0282	-0.824428	0.0051

10745791	Usp32	0.008594	0.9999	0.413610	0.2202	0.579629	0.0219	0.577017	0.0215
10745850	Brip1	-0.008778	0.9999	-0.345907	0.5053	-0.544641	0.0930	-0.692021	0.0257
10745897	Med13	0.200323	0.9570	0.330013	0.2422	0.581735	0.0046	0.491095	0.0169
10746022	Prr11	0.102107	0.9999	-0.508742	0.1257	-0.659217	0.0129	-0.573687	0.0327
10746139	Scpep1	0.211573	0.9460	-0.374758	0.1575	-0.550252	0.0074	-0.614353	0.0022
10746158	LOC497978	0.222210	0.9620	0.277354	0.4901	0.636627	0.0086	0.421604	0.1037
10746286	Luc7l3	0.286206	0.9382	0.342404	0.4234	0.613011	0.0264	0.519023	0.0684
10746327	Cacna1g	0.189050	0.9871	0.630708	0.0430	0.408978	0.1625	0.658445	0.0134
10746416	Eme1	0.111697	0.9978	-0.291480	0.3548	-0.374016	0.0938	-0.455883	0.0340
10746532	---	-0.069333	0.9999	-0.294141	0.3632	-0.438336	0.0481	-0.452986	0.0400
10746628	Tbx21	0.088284	0.9830	0.210036	0.1774	0.175088	0.1830	0.301861	0.0105
10746654	Kpnb1	0.042394	0.9999	-0.225953	0.2721	-0.215934	0.1816	-0.366738	0.0115
10746745	Pcgf2	0.189438	0.8562	0.244432	0.1417	0.326649	0.0125	0.337063	0.0091
10746854	---	0.235947	0.9136	0.367851	0.1670	0.300082	0.1856	0.605248	0.0025
10746856	Fbxl20	0.232644	0.8614	0.305890	0.1621	0.490801	0.0037	0.338454	0.0534
10746916	Ormdl3	-0.054967	0.9999	0.239444	0.1238	0.285767	0.0231	0.376245	0.0019
10746952	Rpl35a	-0.041752	0.9999	-0.089022	0.8825	-0.476044	0.0352	-0.371963	0.1227
10746955	Nr1d1	0.107773	0.9921	0.288867	0.1958	0.343900	0.0464	0.416795	0.0125
10746976	Top2a	0.169256	0.9999	-1.036093	0.1936	-1.080124	0.0878	-2.076483	0.0005
10747313	Hap1	-0.020298	0.9999	0.277386	0.2873	0.364042	0.0550	0.424730	0.0216
10747537	Aarsd1	-0.093992	0.9921	-0.202368	0.3743	-0.179963	0.3122	-0.308499	0.0465
10747575	Plekhh3	0.052359	0.9999	0.304580	0.2218	0.264157	0.1998	0.404296	0.0305
10747640	Brca1	-0.011419	0.9999	-0.159960	0.6617	-0.342907	0.0780	-0.443992	0.0170
10747891	LOC685233	0.224330	0.9659	0.519389	0.1382	0.518369	0.0708	0.611014	0.0286
10747893	LOC685233	0.134277	0.9921	0.440937	0.0981	0.666485	0.0022	0.594108	0.0054
10747959	Kif18b	-0.064481	0.9999	-0.539575	0.0613	-0.623897	0.0107	-0.765043	0.0013
10748061	Plekhl1	0.136392	0.9544	0.222399	0.2344	0.401748	0.0034	0.312356	0.0236
10748253	Smardc2	0.262338	0.8345	-0.352803	0.0845	-0.335456	0.0543	-0.426553	0.0108
10748361	Smurf2	-0.020120	0.9999	0.337895	0.2254	0.508865	0.0135	0.320475	0.1603
10748396	Falz	0.156467	0.9310	0.243364	0.2115	0.303435	0.0411	0.191599	0.2617
10748857	RGD1561778	-0.081475	0.9999	-0.521573	0.0492	-0.347520	0.1605	-0.380771	0.1216
10748861	---	-0.059959	0.9999	-1.397683	0.0000	-1.346812	0.0000	-1.443827	0.0000
10748870	Cd300lf	0.234195	0.7989	-0.567312	0.0002	-0.656276	0.0000	-0.615528	0.0000
10748909	Fdxr	-0.061200	0.9956	-0.109683	0.5706	-0.256860	0.0182	0.006411	0.9805
10748935	RGD1311422	-0.166798	0.9456	0.409745	0.0253	0.335767	0.0427	0.384139	0.0178
10748973	Gga3	-0.094279	0.9998	0.197420	0.5766	0.313529	0.1383	0.520317	0.0071
10748999	Slc25a19	-0.086611	0.9999	0.189644	0.6730	0.579508	0.0104	0.368041	0.1362
10749058	Rps18	-0.093007	0.9999	-0.290682	0.4695	-0.633458	0.0102	-0.525551	0.0356
10749287	Ube2o	0.064878	0.9999	0.339050	0.4042	0.597261	0.0248	0.471327	0.0916
10749330	St6galnac2	-0.004411	0.9999	-1.047133	0.0011	-1.059221	0.0004	-0.988211	0.0008
10749484	Timp2	0.196727	0.9620	-0.410803	0.1097	-0.666758	0.0013	-0.455742	0.0301
10749495	Lgals3bp	0.087782	0.9999	-0.261281	0.5202	-0.529744	0.0289	-0.337372	0.2182
10749648	Mafg	-0.047868	0.9999	0.098321	0.8615	0.446731	0.0433	0.148068	0.6406
10749656	Fam195b	0.084071	0.9977	-0.195720	0.4247	-0.376101	0.0165	-0.339438	0.0316
10749822	Cggbp1	0.089546	0.9921	0.130928	0.6435	0.339566	0.0215	0.099562	0.6433
10749983	Cxadr	0.137430	0.9977	0.346774	0.3752	0.733221	0.0046	0.653110	0.0108
10750055	Usp16	0.060191	0.9999	0.434664	0.2196	0.596167	0.0250	0.506248	0.0642

10750193	Il10rb	0.090506	0.9990	-0.135638	0.7176	-0.391368	0.0312	-0.203511	0.3548
10750219	Son	0.198183	0.9277	0.177950	0.5904	0.476885	0.0088	0.181340	0.4388
10750277	---	-0.081402	0.9999	0.175557	0.6850	0.473057	0.0297	0.340168	0.1501
10750282	Slc5a3	0.136755	0.9999	0.488972	0.5648	1.426409	0.0028	1.002137	0.0394
10750452	---	0.082902	0.9999	-0.167754	0.7339	-0.509044	0.0290	-0.495992	0.0332
10750505	Pcp4	0.117440	0.9998	0.433344	0.1639	0.233366	0.4445	0.518069	0.0339
10750513	Bace2	0.122398	0.9942	0.300247	0.3260	-0.146177	0.6197	-0.466433	0.0281
10750649	Olr1560	0.161278	0.7668	0.111053	0.4591	0.121730	0.2527	0.206775	0.0274
10750672	St3gal6	-0.034712	0.9999	0.168997	0.8313	0.710525	0.0290	0.579236	0.0888
10750685	Col8a1	-0.089527	0.9999	0.097486	0.9342	-0.433133	0.3448	-1.086466	0.0036
10750688	RGD1309437	0.084577	0.9999	-0.595275	0.0138	-0.555215	0.0109	-0.630753	0.0030
10750711	Tbc1d23	0.000259	0.9999	0.648104	0.0074	0.695950	0.0017	0.920280	0.0000
10750848	Nfkbiz	-0.238974	0.9921	0.583906	0.2196	0.670793	0.0664	0.752812	0.0358
10750876	Hmgb2	0.120501	0.9999	-0.904999	0.0176	-1.131390	0.0010	-1.445386	0.0000
10750966	Ptgis	-0.131242	0.9921	0.387050	0.1200	0.568521	0.0043	0.340287	0.1142
10751018	Abhd10	0.025810	0.9999	0.445539	0.2600	0.644833	0.0250	0.566275	0.0539
10751239	Upk1b	-0.227798	0.8614	-1.007133	0.0000	-1.008992	0.0000	-0.772846	0.0000
10751289	Adprh	0.046544	0.9999	-0.117572	0.6124	-0.313470	0.0122	-0.150547	0.3178
10751448	Ranbp1	-0.022704	0.9999	-0.156605	0.5689	-0.159466	0.4021	-0.334230	0.0317
10751593	Itgb5	-0.350517	0.8614	0.456231	0.1675	0.419242	0.1233	0.734320	0.0031
10751659	Lrrc33	0.114450	0.9921	-0.297083	0.2102	-0.391376	0.0296	-0.375729	0.0373
10751664	Pigx	0.080326	0.9999	0.324193	0.1984	0.399473	0.0391	0.265309	0.2248
10751903	Leprel1	-0.485188	0.9632	1.620180	0.0102	1.773939	0.0020	1.998936	0.0004
10751931	Bcl6	0.120312	0.9999	0.701995	0.1083	0.876697	0.0132	0.936304	0.0071
10752050	Tra2b	0.032613	0.9999	-0.266258	0.2840	-0.225950	0.2674	-0.379234	0.0339
10752098	LOC499782	-0.019500	0.9999	-0.235497	0.2584	-0.410983	0.0060	-0.380670	0.0101
10752148	Abcc5	0.261584	0.9593	0.194947	0.7444	0.644873	0.0197	0.365609	0.2538
10752253	---	-0.175130	0.8063	-0.252631	0.0497	-0.224139	0.0473	-0.218753	0.0547
10752303	Comt	0.115137	0.9661	-0.404067	0.0102	-0.492981	0.0006	-0.504160	0.0004
10752320	Dgcr8	0.096650	0.9990	0.390081	0.1004	0.515616	0.0077	0.338204	0.1022
10752334	Ranbp1	-0.147453	0.9624	-0.267914	0.2375	-0.269840	0.1295	-0.375643	0.0247
10752517	Ube2l3	-0.021444	0.9999	0.132833	0.4148	0.205500	0.0562	0.215123	0.0448
10752576	Pkp2	-0.243359	0.7566	0.405057	0.0074	0.307970	0.0286	0.472530	0.0005
10752603	Mcm4	0.073413	0.9999	-0.177504	0.7406	-0.353726	0.1998	-0.602065	0.0144
10752695	Robo2	-0.144480	0.9819	-0.321883	0.2130	-0.505826	0.0087	-0.554069	0.0032
10752758	Btg3	-0.309823	0.9223	0.495761	0.1675	0.736787	0.0078	0.625483	0.0249
10752852	Adamts5	0.421163	0.8743	-2.670754	0.0000	-2.780596	0.0000	-3.018477	0.0000
10752865	Rnf160	0.133735	0.9921	0.209014	0.5853	0.446462	0.0379	0.201205	0.4663
10752943	Cldn8	-0.129180	0.7200	-0.087985	0.3150	-0.136009	0.0270	-0.056038	0.4843
10753075	Synj1	-0.019521	0.9999	0.316094	0.3594	0.495541	0.0351	0.297796	0.2756
10753109	---	0.224582	0.9653	0.362304	0.3829	0.615644	0.0260	0.602879	0.0288
10753129	RGD1562726	-0.007908	0.9999	0.903033	0.0006	0.962954	0.0001	0.622487	0.0107
10753214	Rcan1	-0.545099	0.8614	0.603020	0.2651	0.800747	0.0432	0.866187	0.0266
10753222	Runx1	-0.245440	0.9620	0.758806	0.0091	0.571875	0.0340	0.599794	0.0246
10753247	Hlcs	0.155794	0.9917	0.424774	0.1415	0.541804	0.0179	0.554916	0.0140
10753300	Brwd1	0.176223	0.9659	0.354538	0.2307	0.576838	0.0080	0.508808	0.0193
10753470	Prdm15	0.004347	0.9999	0.278831	0.2218	0.343729	0.0474	0.207783	0.3044

10753559	Olr1542	-0.349223	0.4739	-0.351131	0.0433	-0.276274	0.0763	-0.224936	0.1796
10753574	Cpox	-0.046317	0.9999	0.250119	0.2895	0.464470	0.0053	0.355615	0.0361
10753604	RGD1565927	-0.163321	0.9870	0.447095	0.1219	0.503959	0.0320	0.476855	0.0443
10753720	Zbtb11	0.079298	0.9999	0.230621	0.6383	0.562346	0.0296	0.179485	0.6271
10753771	Cd47	0.214975	0.8614	-0.317140	0.1061	-0.333548	0.0402	-0.275476	0.1070
10753839	RGD1310335	-0.014830	0.9999	-0.655820	0.2666	-0.879804	0.0414	-1.153169	0.0054
10753913	---	0.004492	0.9999	-0.173108	0.1291	-0.118242	0.2574	-0.210739	0.0205
10753982	Ccdc80	0.367564	0.9624	-0.506747	0.4328	-1.034300	0.0115	-1.230397	0.0020
10754000	Cd200r1	0.294703	0.9525	-0.799857	0.0140	-1.070115	0.0003	-1.137453	0.0001
10754116	Zbtb20	0.220831	0.9310	0.317364	0.2777	0.440113	0.0376	0.456351	0.0300
10754156	B4galt4	0.021049	0.9999	-0.307987	0.0287	-0.324775	0.0087	-0.218779	0.0978
10754188	Gsk3b	0.075585	0.9999	0.309894	0.1538	0.412027	0.0151	0.455084	0.0060
10754296	Hcls1	0.444181	0.8045	-0.494579	0.1708	-0.709974	0.0107	-0.461052	0.1268
10754311	Golgb1	0.231131	0.8614	0.257480	0.2773	0.353164	0.0402	0.300357	0.0944
10754384	Cd86	0.127360	0.9631	-0.288334	0.1247	-0.310327	0.0428	-0.300445	0.0524
10754510	Mylk	0.046914	0.9999	-0.300047	0.3337	-0.385792	0.0828	-0.496528	0.0193
10754563	Itgb5	-0.140792	0.9851	0.490027	0.0237	0.773850	0.0001	0.726017	0.0002
10754694	Rpl35a	-0.023435	0.9999	-0.076991	0.8835	-0.461158	0.0182	-0.373670	0.0640
10754831	Tm4sf19	0.382007	0.8614	-1.368718	0.0000	-1.403040	0.0000	-1.400460	0.0000
10754871	Pigz	0.007809	0.9999	-0.283465	0.3198	-0.298796	0.1641	-0.405537	0.0443
10755013	Il1rap	-0.548862	0.8437	1.076762	0.0068	1.165492	0.0014	0.735738	0.0506
10755035	Tp63	-0.127081	0.9303	-0.150193	0.4110	-0.238981	0.0478	-0.198413	0.1194
10755094	St6gal1	-0.215099	0.9507	0.550769	0.0198	0.560300	0.0081	0.544072	0.0092
10755171	Dnajb11	-0.059832	0.9999	0.433222	0.0448	0.255952	0.2207	0.337025	0.0862
10755533	Klhl24	0.221510	0.9425	0.486838	0.0503	0.334211	0.1472	0.466172	0.0305
10755580	Arvcf	0.067473	0.9999	0.336363	0.1926	0.489442	0.0122	0.409342	0.0399
10755751	Crkl	0.035592	0.9999	0.066924	0.8816	0.345668	0.0408	0.178696	0.3871
10755992	Cdc45l	-0.027667	0.9999	-0.324731	0.5075	-0.630130	0.0328	-0.948351	0.0008
10756011	Hira	-0.033892	0.9999	0.138137	0.6453	0.417420	0.0069	0.246016	0.1489
10756161	Cd209a	-0.074286	0.9805	-0.160645	0.2170	-0.011209	0.9533	-0.197851	0.0463
10756229	Insr	0.067294	0.9999	0.485167	0.0529	0.625464	0.0034	0.649205	0.0018
10756289	Stard13	0.023063	0.9999	0.743458	0.0031	0.851985	0.0003	0.699000	0.0021
10756317	RGD1566141	0.039830	0.9999	0.223833	0.4829	0.478482	0.0131	0.496646	0.0091
10756487	Cdx2	-0.183668	0.7989	-0.089269	0.6915	-0.262490	0.0188	-0.092872	0.5390
10756500	Usp12	0.058514	0.9999	0.264585	0.3304	0.442026	0.0185	0.275823	0.1889
10756510	Usp12	0.037960	0.9999	0.260375	0.4368	0.443060	0.0404	0.272201	0.2772
10756528	---	0.017750	0.9999	-0.169557	0.1265	-0.121496	0.2236	-0.205972	0.0200
10756622	Baiap211	0.139719	0.9921	0.661661	0.0058	0.906016	0.0001	0.899010	0.0001
10756853	Radil	-0.039438	0.9999	0.293808	0.0708	0.233659	0.1042	0.370010	0.0056
10756875	---	-0.170413	0.9668	-0.522735	0.0313	-0.492639	0.0217	-0.528556	0.0120
10757119	Prkar1b	-0.000756	0.9999	0.268134	0.1307	0.274102	0.0596	0.360991	0.0097
10757258	RGD1309735	-0.103535	0.9867	-0.213013	0.2991	-0.452987	0.0016	-0.344758	0.0163
10757438	RGD1566006	-0.130377	0.9544	-0.343000	0.0203	-0.304837	0.0227	-0.172581	0.2679
10757615	Tmem120a	-0.078639	0.9999	-0.433146	0.0316	-0.322393	0.0807	-0.502127	0.0035
10757726	Eln	0.783908	0.7312	-0.676660	0.2319	-1.123114	0.0069	-1.728498	0.0000
10757810	Clip2	-0.025431	0.9999	-0.186928	0.6770	-0.277364	0.2907	-0.481676	0.0343
10757829	Gtf2ird1	0.117116	0.9921	0.306592	0.2202	0.436509	0.0196	0.243879	0.2624

10757912	Wbscr16	-0.100038	0.9852	-0.210955	0.2733	-0.235283	0.1047	-0.306189	0.0271
10757940	Wbscr17	0.165273	0.9619	-0.006132	0.9942	-0.248566	0.2008	-0.449840	0.0088
10757986	Gusb	0.162973	0.9553	-0.551576	0.0020	-0.685003	0.0001	-0.696873	0.0000
10758031	---	-0.284622	0.9999	-0.675772	0.5984	-1.546850	0.0295	-1.344639	0.0654
10758106	Dhx37	0.055086	0.9999	0.338733	0.1984	0.419639	0.0379	0.124379	0.6799
10758156	Ncor2	0.141250	0.9925	0.522092	0.0607	0.564443	0.0173	0.712205	0.0019
10758208	Ccdc92	-0.035197	0.9999	0.143239	0.7248	0.390085	0.0476	0.273885	0.2121
10758237	Sbno1	-0.002778	0.9999	0.154981	0.6542	0.429532	0.0159	0.310926	0.1014
10758383	Clip1	0.073228	0.9999	0.591949	0.0131	0.637400	0.0030	0.613618	0.0035
10758517	Camkk2	-0.102031	0.9999	-0.376912	0.2035	-0.431872	0.0600	-0.492822	0.0284
10758599	RGD1566266	-0.115806	0.9942	0.192700	0.5977	0.445358	0.0277	-0.106964	0.7376
10758697	Adam1a	0.162238	0.9525	0.174935	0.5249	0.330555	0.0448	0.218039	0.2436
10759173	Selplg	0.129577	0.9921	-0.365381	0.1693	-0.451613	0.0296	-0.363293	0.0962
10759198	Cmklr1	0.144448	0.9999	0.060384	0.9622	-0.471590	0.2350	-0.862144	0.0129
10759227	RGD1306556	0.103536	0.9999	0.514155	0.1041	0.532576	0.0425	0.488458	0.0695
10759358	Fbrsl1	0.208736	0.9277	0.259407	0.3659	0.262790	0.2244	0.403338	0.0389
10759511	Pabpc4	0.019357	0.9999	-0.225840	0.4253	-0.224083	0.2871	-0.373071	0.0433
10759616	Stxbp2	0.036652	0.9999	-0.138943	0.5908	-0.296575	0.0412	-0.289077	0.0481
10759636	---	-0.172785	0.9444	-0.136301	0.6862	-0.517200	0.0020	-0.300402	0.0905
10759662	Pnpla6	0.065201	0.9999	0.517344	0.0197	0.694159	0.0005	0.668986	0.0006
10759729	Arhgef18	0.135217	0.9882	0.316284	0.2298	0.573917	0.0030	0.384187	0.0552
10759762	Kl	0.038595	0.9999	0.154694	0.4074	0.277579	0.0228	0.168643	0.2238
10759805	Brca2	-0.058217	0.9999	-0.239829	0.4096	-0.396860	0.0379	-0.276057	0.1926
10759852	Fry	0.081439	0.9999	0.633992	0.0562	0.852275	0.0025	0.897377	0.0011
10759941	B3galtl	0.040824	0.9999	-0.300581	0.3426	-0.419126	0.0584	-0.696666	0.0009
10759957	---	0.101494	0.9624	0.151535	0.4004	0.264727	0.0252	0.269799	0.0212
10759989	RGD1307396	0.484754	0.8614	-0.680999	0.1048	-0.932818	0.0061	-0.991143	0.0028
10759999	Alox5ap	0.306475	0.8614	-0.382473	0.1978	-0.425850	0.0658	-0.547299	0.0138
10760018	Rpl35a	-0.012803	0.9999	-0.084148	0.8824	-0.471146	0.0269	-0.308804	0.1926
10760047	Pan3	0.046236	0.9999	0.161758	0.6383	0.400549	0.0273	0.181506	0.4278
10760196	Arpc1b	0.139090	0.9921	-0.281337	0.3897	-0.358827	0.1144	-0.439747	0.0449
10760212	Ttrap	0.111368	0.9950	0.265411	0.3627	0.437075	0.0270	0.393396	0.0499
10760379	Cyth3	-0.265451	0.9624	-0.829697	0.0130	-0.807471	0.0073	-1.455678	0.0000
10760397	Kdelr2	0.007437	0.9999	-0.132660	0.5316	-0.225533	0.0799	-0.350743	0.0035
10760403	Daglb	0.052644	0.9999	-0.186737	0.3544	-0.115975	0.5180	-0.344203	0.0103
10760468	Wipi2	0.103746	0.9632	0.236366	0.1239	0.434199	0.0004	0.350569	0.0034
10760646	Mafk	-0.459170	0.7409	0.586761	0.0530	0.783546	0.0024	0.677458	0.0079
10760738	Fam20c	0.084705	0.9999	-0.558502	0.0230	-0.732582	0.0008	-0.925420	0.0000
10760762	---	-0.005593	0.9999	0.119583	0.5539	0.015688	0.9435	0.254667	0.0277
10760824	Mcm7	0.042741	0.9999	-0.150196	0.8209	-0.408957	0.1660	-0.672894	0.0120
10761013	RGD1310964	-0.090839	0.9999	0.233745	0.4724	0.158072	0.5558	0.407857	0.0458
10761033	RGD1566006	0.037558	0.9999	-0.257091	0.3065	-0.357815	0.0464	-0.218466	0.2957
10761047	Serpine1	-0.623994	0.8210	1.151661	0.0083	1.274844	0.0014	1.216024	0.0017
10761180	Rhbdd2	-0.229356	0.8210	-0.319771	0.0651	-0.313757	0.0349	-0.358251	0.0136
10761209	Baz1b	0.166476	0.9582	0.296655	0.1901	0.438682	0.0107	0.286099	0.1246
10761227	Stx1a	-0.016880	0.9999	0.056887	0.8748	0.296048	0.0316	0.229494	0.1172
10761247	Wbscr27	0.124517	0.9921	-0.294420	0.2544	-0.545207	0.0034	-0.439446	0.0182

10761299	Auts2	0.509062	0.6537	0.377549	0.2284	0.487388	0.0382	0.753090	0.0008
10761350	Tpst1	0.227117	0.8973	-0.200097	0.5278	-0.333920	0.0849	-0.406815	0.0295
10761380	RGD1560258	0.062874	0.9998	0.071992	0.8250	0.222916	0.1122	0.271412	0.0456
10761463	Ran	-0.117583	0.9624	-0.144790	0.5299	-0.164416	0.2951	-0.276214	0.0444
10761758	Hip1r	-0.108235	0.9968	0.359858	0.1445	0.512331	0.0082	0.485233	0.0114
10761810	Kntc1	0.142803	0.9999	-0.570104	0.1567	-0.545188	0.0976	-0.922591	0.0024
10761978	P2rx4	0.062376	0.9999	-0.523977	0.0241	-0.528956	0.0104	-0.580096	0.0039
10762051	RGD1310788	0.467063	0.7607	-0.844215	0.0034	-0.949486	0.0004	-1.064600	0.0001
10762115	Naa25	-0.055692	0.9999	0.279000	0.4724	0.529508	0.0280	0.191856	0.5584
10762142	RGD1309762	0.273611	0.8562	0.385800	0.0891	0.586639	0.0017	0.536741	0.0032
10762304	Slc24a6	0.246098	0.8973	-0.758900	0.0004	-0.639363	0.0014	-0.756081	0.0002
10762896	LOC360824	0.078639	0.9999	0.587301	0.0258	0.442809	0.0662	0.785681	0.0006
10762910	Mn1	0.122318	0.9921	-0.553098	0.0131	-0.803248	0.0001	-0.816530	0.0001
10763021	Pole	0.034257	0.9999	-0.230538	0.6472	-0.305172	0.3216	-0.765235	0.0025
10763171	Stx1a	-0.016880	0.9999	0.056887	0.8748	0.296048	0.0316	0.229494	0.1172
10763237	RGD1307235	0.222966	0.9049	0.396168	0.0834	0.402724	0.0370	0.377783	0.0540
10763284	Zcchc2	0.120116	0.9921	0.280711	0.3276	0.493631	0.0122	0.186011	0.4710
10763421	Dsel	0.094437	0.9999	0.153703	0.8224	0.622286	0.0276	0.257250	0.4843
10763457	---	0.175844	0.9010	0.291333	0.1092	0.255201	0.1000	0.361228	0.0133
10763489	Clasp1	0.198579	0.9570	0.476402	0.0448	0.722124	0.0004	0.601570	0.0025
10763547	Tmem185b	-0.177186	0.8973	-0.228741	0.2571	-0.347061	0.0176	-0.153431	0.4016
10763587	Slc35f5	-0.149495	0.9653	0.422860	0.0448	0.512817	0.0045	0.504247	0.0044
10763604	Gpr39	0.110353	0.9999	-0.657448	0.0598	-0.832253	0.0048	-0.698684	0.0182
10763654	R3hdm1	0.314353	0.7837	0.300129	0.2292	0.419714	0.0239	0.288813	0.1541
10763926	Rbbp5	0.080432	0.9998	0.245951	0.3150	0.303135	0.0889	0.353123	0.0417
10763935	Pik3c2b	0.319586	0.8614	0.410445	0.1874	0.401047	0.1097	0.526073	0.0276
10764034	Etnk2	0.098296	0.9921	0.212986	0.3225	0.290865	0.0572	0.379784	0.0097
10764144	Kdm5b	0.232474	0.8997	0.290339	0.2821	0.600610	0.0017	0.390153	0.0473
10764184	Ube2t	-0.020504	0.9999	-0.646009	0.2077	-0.899349	0.0204	-1.166368	0.0018
10764318	Ddx59	-0.022904	0.9999	-0.203556	0.1183	-0.183430	0.0958	-0.246928	0.0182
10764388	---	0.086482	0.9999	0.196312	0.6049	0.434354	0.0381	0.201350	0.4497
10764415	Aspm	0.003156	0.9999	-0.842113	0.0217	-0.897105	0.0060	-1.147460	0.0004
10764460	Kcnt2	-0.124701	0.9010	-0.137284	0.3926	-0.218350	0.0413	-0.185526	0.0973
10764661	Fam129a	0.015577	0.9999	-0.410050	0.4378	-0.481616	0.1941	-0.840932	0.0108
10764702	Glt25d2	0.069627	0.9999	0.493349	0.1282	0.599306	0.0218	0.605403	0.0192
10764842	Nphs2	-0.177739	0.7312	-0.039700	0.8756	-0.193531	0.0473	-0.056388	0.7001
10764852	Abl2	0.055028	0.9999	0.279104	0.3467	0.527522	0.0086	0.364888	0.0861
10764996	Rc3h1	0.257524	0.9589	0.452742	0.2077	0.764199	0.0044	0.509950	0.0704
10765017	---	0.175828	0.9921	0.161162	0.8142	0.630940	0.0285	0.495743	0.1024
10765096	Tnfsf18	-0.059217	0.9999	-1.728353	0.0000	-2.029663	0.0000	-2.115507	0.0000
10765105	---	-0.087530	0.9998	-0.242784	0.3926	-0.255637	0.2205	-0.470471	0.0102
10765109	---	-0.064255	0.9999	-0.180276	0.7183	-0.277393	0.3268	-0.593844	0.0117
10765248	Slc19a2	-0.173826	0.9968	0.489776	0.2642	0.832840	0.0080	0.866654	0.0048
10765280	Dpt	0.647289	0.8965	-1.811003	0.0012	-2.520045	0.0000	-2.964767	0.0000
10765437	Rgs5	-0.127436	0.9999	-0.681398	0.1000	-0.995026	0.0032	-1.234727	0.0002
10765444	---	-0.276793	0.9990	-1.296515	0.0392	-1.590162	0.0034	-1.828895	0.0006
10765497	Fcgr3a	0.113360	0.9593	-0.304678	0.0224	-0.408130	0.0006	-0.391376	0.0007

10765542	B4galt3	0.077432	0.9921	0.309984	0.0148	0.350428	0.0023	0.369444	0.0010
10765574	Arhgap30	-0.000468	0.9999	-0.196038	0.2214	-0.298142	0.0121	-0.206000	0.1058
10765600	F11r	0.289648	0.9525	0.325574	0.5026	0.519323	0.0860	0.739817	0.0095
10765634	Cd48	0.166098	0.9977	-0.320817	0.5599	-0.389320	0.2802	-0.688495	0.0278
10765650	Cd84	0.247694	0.7200	-0.439603	0.0012	-0.448915	0.0004	-0.421000	0.0007
10765720	Pex19	-0.060521	0.9999	0.146673	0.6026	0.315139	0.0441	0.348896	0.0232
10765730	Igsf8	-0.203019	0.9632	0.488764	0.0976	0.470337	0.0584	0.606490	0.0110
10765746	Slamf9	0.089734	0.9978	-0.580544	0.0014	-0.771899	0.0000	-0.512818	0.0020
10765778	Ccdc19	-0.070611	0.9999	0.472479	0.0428	0.156309	0.5661	0.251639	0.2934
10765996	Exo1	-0.152260	0.9624	-0.186845	0.5193	-0.306056	0.0873	-0.423529	0.0122
10766094	Cnst	-0.082201	0.9994	0.319490	0.1306	0.595115	0.0004	0.423349	0.0108
10766428	Tlr5	0.129718	0.9632	-0.194460	0.4224	-0.303285	0.0564	-0.433986	0.0040
10766468	Rab3gap2	-0.198753	0.9921	0.504555	0.2051	0.914441	0.0022	0.653468	0.0306
10766588	Esrrg	-0.032134	0.9999	0.343425	0.2821	0.477664	0.0384	0.625164	0.0048
10766765	Nek2	-0.097541	0.9999	-1.151200	0.0653	-1.134850	0.0341	-1.759715	0.0006
10766959	Kdsr	0.127754	0.9990	0.436284	0.2084	0.545164	0.0399	0.399159	0.1678
10766982	Serpinb3a	-0.103062	0.8628	-0.188018	0.0332	-0.026651	0.8398	-0.032036	0.8034
10767013	Esco1	0.170239	0.9921	0.332727	0.4018	0.564494	0.0306	0.393833	0.1698
10767102	Epb4.115	-0.082940	0.9936	0.156196	0.5090	0.411706	0.0033	0.265493	0.0704
10767132	Ptpn4	0.176473	0.9931	0.674261	0.0513	0.834316	0.0047	0.803645	0.0056
10767175	Insig2	0.128331	0.9950	0.380130	0.1999	0.419003	0.0705	0.556912	0.0117
10767243	Lypd1	0.052404	0.9999	-1.362515	0.0045	-0.904806	0.0464	-1.382438	0.0014
10767247	Nap5	0.286255	0.9247	0.645772	0.0289	0.627036	0.0163	0.381515	0.1937
10767338	Mcm6	0.044626	0.9999	-0.311316	0.6414	-0.600854	0.0996	-1.178879	0.0005
10767539	Srgap2	0.254287	0.8945	0.633184	0.0041	0.641263	0.0017	0.604585	0.0023
10767698	Zc3h11a	0.089262	0.9968	0.204042	0.4122	0.348200	0.0324	0.211210	0.2608
10767763	Prelp	0.293479	0.9968	-1.625655	0.0043	-2.273994	0.0000	-1.844067	0.0004
10767876	Ptprv	0.355433	0.8614	-0.686488	0.0140	-0.855760	0.0007	-1.019123	0.0001
10768021	Pkp1	-0.216233	0.9999	1.660407	0.0017	2.045503	0.0001	1.525888	0.0016
10768093	Camsap111	0.116738	0.9921	0.370473	0.0922	0.553218	0.0022	0.507968	0.0039
10768112	Wbscr27	0.150686	0.9632	-0.334160	0.1392	-0.470373	0.0083	-0.368793	0.0433
10768138	Ptprc	0.563422	0.7200	-0.817112	0.0088	-0.948547	0.0008	-0.753556	0.0071
10768236	Cfh	-0.126923	0.8614	-0.256711	0.0128	-0.282745	0.0024	-0.147063	0.1520
10768269	Cfh	0.359277	0.8973	-0.988673	0.0017	-1.152167	0.0001	-1.038680	0.0004
10768305	Cdc73	0.091285	0.9999	0.343282	0.3507	0.673235	0.0066	0.513354	0.0437
10768323	Trove2	0.124972	0.9999	0.324795	0.4475	0.636285	0.0183	0.385351	0.2056
10768332	Rgs2	-0.412860	0.8770	-0.847062	0.0169	-0.909539	0.0043	-1.180338	0.0002
10768346	Rgs1	0.355332	0.8336	-0.215310	0.6119	-0.431709	0.0680	-0.484364	0.0370
10768357	Rgs18	0.646535	0.2425	-0.702491	0.0053	-0.731155	0.0016	-0.865154	0.0002
10768426	Hmcn1	0.037598	0.9999	-0.194580	0.5758	-0.390080	0.0493	-0.424056	0.0301
10768538	RGD1308695	0.136900	0.9999	0.422919	0.4809	0.740089	0.0469	0.408732	0.3609
10768588	Rgl1	0.162990	0.9624	-0.371011	0.1037	-0.442195	0.0177	-0.552758	0.0022
10768609	Smg7	0.001127	0.9999	0.320209	0.1751	0.692011	0.0002	0.595201	0.0008
10768874	Cep350	0.169159	0.9805	0.281975	0.4094	0.461388	0.0404	0.193201	0.5128
10769047	Rasal2	0.109334	0.9921	0.256966	0.2831	0.386333	0.0246	0.239633	0.2184
10769262	RGD1309106	0.022760	0.9999	0.114261	0.5853	0.110825	0.4506	0.346281	0.0021
10769297	---	-0.072764	0.9999	-0.207712	0.3837	-0.260545	0.1180	-0.329861	0.0388

10769310	Bat2d1	0.226782	0.9010	0.365975	0.1222	0.439796	0.0217	0.409584	0.0330
10769476	Atp1b1	-0.066253	0.9950	0.253823	0.0657	0.335163	0.0038	0.472230	0.0001
10769517	Deaf6	-0.018898	0.9999	0.396549	0.1363	0.483774	0.0231	0.487623	0.0207
10769621	Uck2	-0.187930	0.9333	0.324577	0.1575	0.522619	0.0033	0.308488	0.1065
10769657	Nuf2	-0.033175	0.9999	-0.953225	0.0728	-1.205319	0.0065	-1.511983	0.0005
10769693	---	0.379080	0.8832	-0.254324	0.6613	-0.052093	0.9279	-0.695404	0.0186
10769695	Ddr2	0.081493	0.9999	-0.442362	0.2550	-0.423282	0.1668	-0.771758	0.0049
10769788	Fcgr2a	0.288798	0.9872	-0.776148	0.1363	-1.068011	0.0096	-0.817579	0.0549
10769797	Fcgr2a // Fcgr2a	0.320120	0.9625	-0.650118	0.1815	-1.018227	0.0060	-0.761247	0.0458
10769812	Pcp4l1	0.292087	0.9795	-0.434243	0.4898	-0.897581	0.0185	-0.683135	0.0888
10769825	Fcer1g	0.472095	0.9729	-1.947349	0.0024	-2.245789	0.0002	-2.088840	0.0004
10769998	Atp1a2	-0.291524	0.9582	0.724043	0.0368	0.547281	0.0829	0.617456	0.0458
10770032	Slamf8	0.192515	0.8614	-0.326861	0.0404	-0.312792	0.0250	-0.147823	0.3916
10770070	Cadm3	0.042696	0.9999	-0.203394	0.5670	-0.409118	0.0445	-0.281725	0.2166
10770082	Ifi204	0.305478	0.9310	-0.999971	0.0011	-1.035667	0.0004	-0.840958	0.0028
10770119	Rgs7	-0.064273	0.9990	-0.531819	0.0001	-0.711404	0.0000	-0.581912	0.0000
10770197	Akt3	0.114861	0.9934	0.340355	0.1767	0.558091	0.0038	0.412950	0.0350
10770252	Tfb2m	-0.013813	0.9999	0.389815	0.2801	0.588621	0.0231	0.341920	0.2531
10770261	Ahctf1	0.076779	0.9999	0.109805	0.8481	0.486538	0.0337	0.174547	0.5806
10770396	Lbr	0.099108	0.9999	-0.343991	0.2378	-0.473868	0.0288	-0.600636	0.0039
10770430	Degs1	-0.037640	0.9999	0.225307	0.2048	0.251910	0.0682	0.366937	0.0049
10770577	Tgfb2	-0.594775	0.9116	0.969179	0.1344	1.070452	0.0408	1.124889	0.0300
10770613	Kctd3	0.058774	0.9999	0.245113	0.1321	0.273870	0.0374	0.248437	0.0650
10770637	Kcnk2	-0.408267	0.4739	-1.649512	0.0000	-1.727865	0.0000	-1.706875	0.0000
10770649	Cenpf	0.230189	0.9999	-0.947076	0.1502	-1.303302	0.0113	-1.573872	0.0017
10770714	Nenf	-0.060442	0.9999	-0.178860	0.6441	-0.377037	0.0691	-0.408424	0.0469
10770728	Dtl	0.018844	0.9999	-0.286990	0.7139	-0.615009	0.1227	-1.014256	0.0056
10770759	Sertad4	-0.165116	0.9999	0.924085	0.0313	0.397247	0.3887	0.595623	0.1497
10770795	Hsd11b1	0.484698	0.9507	-1.692768	0.0008	-1.874788	0.0001	-1.573464	0.0007
10770807	G0s2	0.133061	0.9998	-0.303907	0.5099	-0.611097	0.0273	-0.259417	0.4674
10770810	Camk1g	0.168406	0.9539	0.204798	0.4480	0.362510	0.0349	0.259255	0.1681
10770844	Cr1l	-0.036549	0.9999	-0.279652	0.2722	-0.386552	0.0365	-0.385189	0.0369
10770924	---	0.145781	0.9867	0.102950	0.8413	0.444905	0.0323	0.125922	0.6857
10771131	---	0.173344	0.8339	0.217926	0.1171	0.194188	0.0993	0.338099	0.0019
10771171	---	0.122945	0.9999	-0.936081	0.0021	-1.187693	0.0000	-1.072157	0.0002
10771224	Hsd17b11	0.390972	0.7409	-0.372294	0.2016	-0.446119	0.0470	-0.472861	0.0332
10771258	Slc10a6	0.074519	0.9999	-0.221226	0.3599	-0.376969	0.0211	-0.278830	0.1090
10771669	Sdad1	-0.006130	0.9999	0.160979	0.7446	0.486466	0.0349	0.103373	0.7822
10771690	Naaa	0.340406	0.8614	-0.760820	0.0031	-0.823069	0.0006	-0.574905	0.0159
10771732	Cdkl2	0.170918	0.7200	-0.171684	0.1198	-0.272346	0.0021	-0.307866	0.0004
10771783	Ankrd17	0.149482	0.9624	0.231617	0.3708	0.484130	0.0048	0.332121	0.0635
10772176	RGD1359460	0.008910	0.9999	0.235074	0.4591	0.438581	0.0281	0.361538	0.0814
10772231	Nmu	-0.104460	0.9950	0.517401	0.0104	0.398222	0.0327	0.134655	0.6088
10772249	Clock	-0.026552	0.9999	0.258670	0.4349	0.546378	0.0091	0.354555	0.1172
10772272	---	0.176044	0.9925	0.535991	0.1575	0.607725	0.0432	0.645190	0.0301
10772294	Scfd2	0.009253	0.9999	-0.316485	0.3186	-0.418683	0.0647	-0.725866	0.0007
10772330	---	0.069678	0.9999	0.238946	0.3032	0.218548	0.2356	0.362609	0.0267

10772342	---	0.294892	0.8570	0.584872	0.0096	0.796843	0.0001	0.643186	0.0013
10772408	Tec	-0.029777	0.9999	0.136744	0.8566	0.800779	0.0063	0.426955	0.1995
10772623	Bend4	-0.218418	0.9299	0.627575	0.0039	0.600713	0.0028	0.702148	0.0004
10772665	Pds5a	0.177158	0.9507	0.306893	0.1808	0.456595	0.0091	0.383662	0.0302
10772705	Ugdh	-0.093908	0.9999	-0.755906	0.0042	-0.736470	0.0025	-0.759875	0.0014
10772782	---	-0.102575	0.9916	-0.121806	0.6850	-0.168647	0.3454	-0.327692	0.0295
10772863	Arap2	-0.028586	0.9999	0.685853	0.0274	0.824418	0.0026	0.508192	0.0777
10772950	Rpsa	-0.019713	0.9999	-0.146060	0.6725	-0.433979	0.0125	-0.319016	0.0814
10772982	Rpl36	-0.208723	0.9620	-0.235338	0.5683	-0.472618	0.0452	-0.470172	0.0470
10772984	Rpl36	-0.208723	0.9620	-0.235338	0.5683	-0.472618	0.0452	-0.470172	0.0470
10773080	Qdpr	0.022881	0.9999	-0.404116	0.0565	-0.476929	0.0082	-0.494634	0.0051
10773168	Hmgb2	0.083487	0.9999	-0.936220	0.0119	-1.148292	0.0006	-1.478731	0.0000
10773423	RGD1308380	0.088971	0.9999	0.147763	0.7279	0.426734	0.0354	0.096978	0.7651
10773435	Cpz	0.497041	0.8578	-1.046119	0.0056	-1.421915	0.0001	-1.467954	0.0000
10773481	Mfsd10	0.043193	0.9999	-0.167586	0.4836	-0.304225	0.0391	-0.279110	0.0635
10773663	Eif4enif1	-0.020311	0.9999	0.287848	0.2804	0.469722	0.0131	0.296607	0.1561
10774015	Aebp1	-0.007675	0.9999	-0.408199	0.3956	-0.635233	0.0475	-0.917150	0.0026
10774115	Ramp3	-0.654092	0.7200	-1.303374	0.0002	-1.747235	0.0000	-1.603604	0.0000
10774306	Cnrip1	0.137613	0.9921	-0.482406	0.0419	-0.696451	0.0006	-0.819747	0.0001
10774345	Spred2	0.094915	0.9931	-0.010596	0.9857	0.158927	0.4269	0.329381	0.0434
10774359	Rpl38	-0.128427	0.9451	-0.155737	0.4275	-0.309230	0.0131	-0.161893	0.2702
10774383	Vps54	0.202450	0.8945	0.179158	0.5107	0.362199	0.0270	0.247339	0.1698
10774435	Gbp111	0.104843	0.9985	0.305707	0.2824	0.492058	0.0151	0.372684	0.0794
10774497	LOC360990	0.149385	0.9793	0.313295	0.2334	0.561289	0.0036	0.410877	0.0365
10774596	Bcl11a	-0.010752	0.9999	0.842707	0.0053	1.170710	0.0000	1.076887	0.0001
10774605	---	0.021416	0.9999	1.165333	0.0044	1.266271	0.0008	1.377603	0.0002
10774612	Fanc1	0.044224	0.9999	-0.301629	0.5682	-0.523120	0.0922	-0.649685	0.0295
10774638	Efemp1	0.543487	0.8570	-1.686100	0.0000	-1.613716	0.0000	-1.648596	0.0000
10774766	Rtn4	-0.043223	0.9999	0.274600	0.0741	0.437950	0.0006	0.530673	0.0000
10774782	Sptbn1	0.043150	0.9999	0.315643	0.1101	0.370097	0.0219	0.337070	0.0383
10774830	Psme4	0.168082	0.9444	0.109324	0.7653	0.353329	0.0323	0.249634	0.1674
10774894	Rpl41	-0.106977	0.9990	-0.187033	0.6560	-0.450663	0.0400	-0.464173	0.0332
10774966	---	-0.322305	0.2371	-0.239500	0.0747	-0.207970	0.0757	-0.333495	0.0023
10774992	Fgfr11	-0.135218	0.9624	0.321673	0.0896	0.391152	0.0122	0.385079	0.0127
10775063	Pigg	0.089075	0.9999	0.220041	0.5123	0.543299	0.0062	0.343651	0.1075
10775084	Ccdc18	-0.206276	0.7316	-0.241113	0.0723	-0.278348	0.0131	-0.343533	0.0017
10775231	Cdc7	0.032699	0.9999	-0.294087	0.5874	-0.268248	0.4894	-0.693718	0.0202
10775271	Lrrc8c	-0.010707	0.9999	1.006050	0.0004	1.160680	0.0000	1.082625	0.0001
10775278	Lrrc8b	0.319846	0.8339	-0.387906	0.1365	-0.425451	0.0433	-0.390637	0.0702
10775303	---	-0.292795	0.8945	-0.368951	0.2643	-0.581535	0.0142	-0.557992	0.0183
10775338	Pkd2	-0.125763	0.9990	0.775630	0.0047	1.030977	0.0001	0.771407	0.0018
10775365	Ibsp	-0.148910	0.7989	-0.123357	0.3615	-0.146045	0.1321	-0.189903	0.0395
10775731	Cxcl13	0.254577	0.9631	-0.625256	0.0842	-0.835763	0.0052	-0.744016	0.0122
10775769	11-Sep	-0.177309	0.9630	-0.469857	0.0522	-0.663444	0.0013	-0.784034	0.0001
10775782	Shroom3	-0.203628	0.9429	0.196840	0.5766	0.398208	0.0474	0.382955	0.0595
10775859	LOC688608	0.036868	0.9999	0.147672	0.4010	0.158092	0.2178	0.247234	0.0322
10775914	Pf4	0.254475	0.9921	-1.662831	0.0001	-1.910090	0.0000	-1.537033	0.0002

10775968	Alb	0.025801	0.9999	0.069446	0.7326	0.044791	0.7648	0.223015	0.0186
10776026	Dck	-0.023800	0.9999	-0.418394	0.2700	-0.541816	0.0516	-0.762542	0.0039
10776133	Csn3	-0.182358	0.7312	-0.213222	0.0663	-0.255847	0.0089	-0.211538	0.0327
10776239	Stap1	0.129101	0.9310	-0.184675	0.2747	-0.249683	0.0425	-0.109017	0.4943
10776370	Cep135	-0.045667	0.9999	-0.174250	0.5948	-0.316076	0.0943	-0.385594	0.0341
10776459	Pdgfra	0.251703	0.9695	-1.286858	0.0001	-1.643800	0.0000	-1.841390	0.0000
10776681	Slc30a9	-0.007914	0.9999	0.272660	0.1705	0.316934	0.0426	0.373351	0.0141
10776739	Uchl1	-0.135272	0.9999	0.948929	0.0028	0.958445	0.0012	1.115898	0.0002
10776875	Klhl5	0.363403	0.7905	-0.359497	0.2108	-0.322864	0.1697	-0.444431	0.0434
10777123	---	-0.196014	0.8045	-0.274104	0.0565	-0.219875	0.0863	-0.335430	0.0051
10777182	RGD1562646	-0.005404	0.9999	-0.896723	0.0677	-1.007728	0.0150	-1.317622	0.0011
10777232	Cd38	-0.306313	0.9620	-0.311899	0.6281	-1.091111	0.0013	-1.047123	0.0015
10777283	C1qtnf7	0.212205	0.9201	-0.304672	0.2315	-0.341252	0.0818	-0.379712	0.0487
10777290	Cpeb2	0.213028	0.9277	0.341888	0.1815	0.540366	0.0055	0.307107	0.1541
10777307	---	-0.201481	0.5767	-0.215672	0.0355	-0.158543	0.0915	-0.243670	0.0054
10777355	Evc2	0.198193	0.9170	-0.157592	0.6351	-0.234979	0.2311	-0.529125	0.0017
10777639	Grk4	0.047337	0.9999	0.393439	0.0315	0.484434	0.0024	0.327717	0.0460
10777731	Whsc1	0.137027	0.9889	-0.382568	0.1198	-0.299433	0.1642	-0.442622	0.0259
10777770	Tacc3	0.092152	0.9999	-0.999878	0.0589	-1.035873	0.0224	-1.675308	0.0002
10777829	Ywhah	0.035627	0.9999	0.168187	0.1461	0.093607	0.4061	0.197970	0.0311
10777928	Limk2	-0.081802	0.9959	0.307345	0.0787	0.311538	0.0351	0.218723	0.1796
10777958	Inpp5j	0.005896	0.9999	0.543357	0.0147	0.444257	0.0293	0.657150	0.0008
10778021	Slc35e4	-0.047697	0.9999	0.204668	0.4472	0.430918	0.0107	0.074814	0.7891
10778082	Mtmr3	0.108653	0.9921	0.223783	0.4093	0.480742	0.0059	0.202800	0.3438
10778179	Kremen1	-0.236519	0.9624	1.234187	0.0000	1.198602	0.0000	1.601103	0.0000
10778189	---	0.153546	0.9626	0.213276	0.4594	0.137592	0.5711	0.363706	0.0474
10778192	---	0.007727	0.9999	0.329090	0.2804	0.562257	0.0094	0.382617	0.0977
10778214	Urg4	-0.047578	0.9999	0.219232	0.5320	0.462826	0.0248	0.401087	0.0572
10778220	Pgam2	0.069727	0.9999	-0.903339	0.0315	-1.205354	0.0010	-1.244970	0.0006
10778236	Pold2	-0.063654	0.9999	-0.304726	0.3787	-0.450372	0.0555	-0.760177	0.0007
10778311	Tmed4	0.134428	0.9843	0.382128	0.0842	0.413045	0.0260	0.571382	0.0014
10778390	Igfbp3	0.533391	0.8339	-0.850512	0.0302	-0.726917	0.0379	-0.672881	0.0592
10778486	Ddc	0.238110	0.9038	0.620424	0.0044	0.707099	0.0005	0.761411	0.0001
10778577	---	-0.123288	0.8541	-0.252567	0.0047	-0.179990	0.0321	-0.158652	0.0656
10778629	Aftph	-0.010921	0.9999	0.225518	0.4898	0.645179	0.0010	0.348705	0.0962
10778708	B3gnt2	-0.153667	0.9659	-0.630122	0.0019	-0.297052	0.1482	-0.458165	0.0153
10779093	Usp54	0.093517	0.9999	0.312328	0.4645	0.538453	0.0458	0.479668	0.0851
10779099	Ppp3cb	0.121209	0.9620	0.158053	0.4525	0.214232	0.1277	0.311210	0.0178
10779162	Dnajc9	0.021389	0.9999	-0.197729	0.7721	-0.234819	0.5626	-0.629488	0.0394
10779423	Fezf2	0.046629	0.9999	0.259788	0.0278	0.109284	0.3940	0.141728	0.2402
10779428	Fhit	0.166193	0.9626	-0.179120	0.6234	-0.197984	0.4102	-0.400247	0.0430
10779436	LOC361016	-0.117929	0.9990	-0.459270	0.1142	-0.722352	0.0020	-0.682273	0.0028
10779531	LOC501427	-0.463270	0.4943	-0.415876	0.0855	-0.474882	0.0184	0.120680	0.6936
10779602	RGD1563070	-0.339267	0.9668	1.220420	0.0083	0.795624	0.0694	0.971046	0.0219
10779638	Cdkn3	0.083559	0.9999	-0.944866	0.0737	-1.122626	0.0111	-1.385461	0.0013
10779654	Samd4a	-0.047430	0.9999	0.502645	0.0210	0.427965	0.0303	0.347733	0.0932
10779673	Lgals3	0.287739	0.8660	-0.778685	0.0007	-0.745664	0.0006	-0.888668	0.0000

10779758	RGD1559923	0.167406	0.9589	0.212780	0.4415	0.387295	0.0284	0.286511	0.1312
10779818	Np	0.143068	0.9942	-0.413881	0.2077	-0.706385	0.0040	-0.510354	0.0430
10779832	Rnase4	0.206732	0.9956	-0.331219	0.6365	-0.741858	0.0474	-0.831212	0.0234
10780065	LOC691130	0.018993	0.9999	0.111598	0.5894	0.135686	0.3120	0.279283	0.0134
10780205	Mmp14	0.081200	0.9999	-0.213833	0.6850	-0.424276	0.1295	-0.599247	0.0222
10780239	Bcl2l2	0.076001	0.9999	0.315023	0.1802	0.396220	0.0296	0.220968	0.3031
10780393	Fitm1	0.337373	0.9620	-0.319243	0.6478	-0.594189	0.1223	-0.731757	0.0484
10780433	Irf9	0.271261	0.9620	-0.366487	0.4320	-0.637251	0.0340	-0.526960	0.0938
10780491	RGD1308396	0.061843	0.9999	0.181188	0.6474	0.492107	0.0166	0.252946	0.3001
10780603	Atp12a	-0.263343	0.9865	0.910374	0.0274	0.928010	0.0108	0.983828	0.0058
10780716	Mphosph8	-0.067413	0.9999	0.404182	0.0786	0.553332	0.0037	0.617185	0.0009
10780737	Zmym2	0.139195	0.9843	0.296694	0.2623	0.456754	0.0167	0.342869	0.0888
10780813	Fgf9	-0.051686	0.9999	1.092767	0.0004	1.294190	0.0000	1.607281	0.0000
10780850	Shisa2	-0.300747	0.8063	-0.333113	0.1796	-0.450564	0.0184	-0.433784	0.0227
10780919	Arl11	0.604971	0.7016	-0.878855	0.0037	-0.985163	0.0005	-0.892452	0.0011
10780937	Rnaseh2b	0.045141	0.9999	-0.191699	0.6364	-0.327463	0.1534	-0.450777	0.0356
10781100	Zfp395	-0.008257	0.9999	-0.226132	0.1567	-0.375308	0.0024	-0.371333	0.0021
10781131	Scara5	0.274333	0.8973	-0.803222	0.0008	-0.810965	0.0003	-0.819870	0.0002
10781146	Pbk	-0.103638	0.9999	-1.311885	0.1200	-1.692697	0.0124	-2.456199	0.0002
10781166	Clu	0.062670	0.9998	0.382200	0.0069	0.433537	0.0008	0.564500	0.0000
10781207	Adra1a	-0.208563	0.9917	0.888413	0.0073	1.151134	0.0002	1.236341	0.0001
10781220	Ebf2	-0.258956	0.9223	-0.162259	0.7491	-0.210193	0.4811	-0.482417	0.0402
10781266	Nefl	-0.069017	0.9999	0.794760	0.0003	0.990566	0.0000	0.884877	0.0000
10781304	Loxl2	0.079047	0.9999	0.870127	0.0392	0.774100	0.0373	0.410110	0.3627
10781378	Hr	-0.027597	0.9999	0.840770	0.0055	0.676622	0.0158	0.761869	0.0054
10781398	Nudt18	-0.132572	0.9665	0.475690	0.0084	0.347467	0.0388	0.461814	0.0041
10781404	Dok2	0.200249	0.9525	-0.347139	0.1850	-0.359933	0.0849	-0.432534	0.0321
10781496	Lcp1	0.716230	0.8437	-1.362199	0.0076	-1.874507	0.0001	-1.623075	0.0004
10781581	Tsc22d1	-0.229180	0.8997	0.589657	0.0038	0.599073	0.0015	0.655607	0.0004
10781785	---	0.096723	0.9620	0.212604	0.0992	0.176872	0.1133	0.232079	0.0290
10781794	RGD1309522	0.056452	0.9999	-0.796068	0.0491	-0.816611	0.0193	-1.038261	0.0021
10781999	---	0.700825	0.7200	-0.573560	0.2488	-0.875647	0.0156	-1.290316	0.0003
10782056	Rap2a	-0.088968	0.9624	-0.216333	0.0784	-0.241537	0.0191	-0.199901	0.0595
10782144	Clybl	0.258930	0.9852	-0.513251	0.3166	-1.116342	0.0016	-0.938767	0.0071
10782187	Itgbl1	0.498078	0.9734	-1.391556	0.0651	-2.599230	0.0001	-2.478494	0.0001
10782220	Samd8	-0.007962	0.9999	0.146176	0.4836	0.297708	0.0192	0.269260	0.0356
10782271	Plau	0.402068	0.9201	-1.150148	0.0026	-1.669670	0.0000	-1.975361	0.0000
10782437	Zfp385d	-0.615905	0.3730	0.631239	0.0178	0.691395	0.0038	0.214063	0.5016
10782599	RGD1306063	0.001724	0.9999	-0.067718	0.8654	-0.423013	0.0059	-0.225171	0.1965
10782695	Abhd6	0.093892	0.9999	0.558878	0.0976	0.755088	0.0061	0.746597	0.0058
10782891	Bmp4	0.050516	0.9999	-0.348416	0.3134	-0.147184	0.6737	-0.487413	0.0478
10782927	Wdhd1	0.056725	0.9999	-0.272450	0.4251	-0.250671	0.3332	-0.476267	0.0303
10782956	Dlgap5	0.005794	0.9999	-1.065735	0.0612	-1.155953	0.0170	-1.592991	0.0007
10783572	Haus4	-0.106391	0.9921	-0.238713	0.3331	-0.352885	0.0404	-0.406325	0.0156
10783605	---	-0.212893	0.4060	-0.175558	0.0928	-0.190475	0.0285	-0.107607	0.2913
10783669	Slc22a17	0.025088	0.9999	0.318531	0.2957	0.492063	0.0232	0.735519	0.0005
10783715	Myh7	-0.123307	0.9868	0.410540	0.0428	0.427907	0.0144	0.343007	0.0579

10783805	Psm2	0.117985	0.9872	-0.378418	0.0549	-0.422077	0.0120	-0.554674	0.0007
10784172	Ska3	0.014126	0.9999	-0.802822	0.1553	-1.038538	0.0188	-1.431278	0.0008
10784346	Sgcg	-0.074510	0.9999	0.459037	0.1265	0.385460	0.1341	0.551060	0.0219
10784525	Hmbox1	0.231702	0.7989	0.296288	0.0766	0.363838	0.0091	0.371953	0.0067
10784566	LOC691979	0.082401	0.9999	-0.823926	0.3321	-0.952251	0.1252	-1.494276	0.0092
10784702	Ppp2r2a	-0.044128	0.9999	0.080431	0.7519	0.151435	0.2499	0.241730	0.0395
10784719	---	-0.141956	0.9223	-0.316991	0.0275	-0.235019	0.0753	-0.311994	0.0131
10784729	Cdca2	-0.023517	0.9999	-0.574063	0.3250	-0.882973	0.0301	-1.221841	0.0018
10784751	Dock5	-0.062363	0.9999	0.341891	0.2136	0.456107	0.0283	0.289080	0.2189
10784809	Nefm	0.094508	0.9653	0.192353	0.2144	0.148888	0.2633	0.236486	0.0459
10784980	Sorbs3	-0.038498	0.9999	-0.427039	0.0181	-0.405571	0.0125	-0.438245	0.0059
10785019	Slc39a14	0.147383	0.9630	0.424034	0.0310	0.549093	0.0014	0.555761	0.0009
10785244	Itm2b	0.246837	0.7989	-0.191080	0.4120	-0.238263	0.1406	-0.318180	0.0369
10785297	LOC691979	0.131566	0.9999	-0.819856	0.3275	-0.916672	0.1387	-1.489337	0.0086
10785326	Slc25a30	0.215950	0.9921	0.602907	0.1632	0.703817	0.0391	0.544163	0.1370
10785361	RGD1310185	0.158012	0.9624	-0.311378	0.1751	-0.401504	0.0243	-0.331734	0.0721
10785372	Dnajc15	-0.290846	0.8614	-0.401427	0.1200	-0.339153	0.1257	-0.481710	0.0201
10785389	Akap11	-0.005691	0.9999	0.428213	0.0194	0.615640	0.0002	0.540250	0.0007
10785479	Diaph3	-0.078284	0.9999	-0.484603	0.5101	-0.788176	0.0849	-1.012024	0.0205
10785602	LOC686547	0.425750	0.8437	0.574846	0.0976	0.689818	0.0153	0.623044	0.0297
10785638	Mycbp2	0.302627	0.8063	0.292100	0.2766	0.492713	0.0099	0.268308	0.2213
10785867	Dzip1	0.231023	0.9277	-0.321821	0.2818	-0.371405	0.0961	-0.455674	0.0341
10786023	Gpr18	-0.130462	0.9919	-0.364916	0.1265	-0.405362	0.0366	-0.322657	0.1169
10786036	A2ld1	-0.203538	0.9199	-0.174216	0.5920	-0.361653	0.0487	-0.287113	0.1441
10786139	Zmiz1	0.281474	0.9001	0.523721	0.0563	0.389150	0.1171	0.499514	0.0350
10786338	Arhgef3	-0.343363	0.7312	-0.122273	0.7645	-0.044473	0.8937	-0.390007	0.0340
10786359	LOC679469	0.138995	0.9921	0.363567	0.1849	0.544485	0.0091	0.527135	0.0106
10786517	---	0.152617	0.9544	0.104406	0.7636	0.145068	0.4626	0.317597	0.0448
10786522	Tmem110	0.240577	0.8945	-0.207674	0.5377	-0.383078	0.0556	-0.558633	0.0032
10786532	Mustn1	0.111912	0.9999	-0.749874	0.0155	-0.592669	0.0372	-0.503146	0.0898
10786577	Glit8d1	0.126002	0.9942	-0.213481	0.5840	-0.384525	0.0891	-0.545628	0.0103
10786624	Nt5dc2	0.087837	0.9999	-0.088703	0.8627	-0.195746	0.4310	-0.420620	0.0360
10786710	Btd	-0.054278	0.9999	-0.329693	0.2801	-0.487482	0.0263	-0.406987	0.0731
10786755	Parg	0.198237	0.9451	0.343924	0.1688	0.535886	0.0053	0.329210	0.1124
10786836	RGD1310423	0.113680	0.9983	-0.672691	0.0042	-0.589476	0.0065	-0.691310	0.0011
10786969	Glud1	0.041676	0.9999	-0.223710	0.1548	-0.265591	0.0323	-0.405308	0.0007
10787005	---	0.196369	0.9653	0.165954	0.7525	0.532893	0.0272	0.262079	0.3745
10787017	LOC290577	0.164824	0.9668	0.217442	0.5430	0.534458	0.0092	0.354682	0.1076
10787121	Slc35e1	-0.023305	0.9999	0.200268	0.3017	0.293025	0.0339	0.126887	0.4775
10787212	Myo9b	-0.009199	0.9999	0.303883	0.2375	0.452367	0.0170	0.265670	0.2194
10787275	---	-0.080038	0.9999	-0.492660	0.0231	-0.513562	0.0077	-0.360649	0.0749
10787396	Rpl18a	-0.008750	0.9999	-0.029280	0.9479	-0.165193	0.2952	-0.292033	0.0323
10787507	Pgpep1	-0.005186	0.9999	0.169187	0.5623	0.362109	0.0297	0.267487	0.1363
10787517	Gdf15	-0.436202	0.9620	0.939600	0.0958	1.899980	0.0001	1.480094	0.0010
10787579	Rent1	0.034282	0.9999	0.126404	0.7147	0.385730	0.0205	0.130436	0.5700
10787765	Psd3	0.224468	0.9911	-0.072512	0.9460	-0.285883	0.5011	-0.804625	0.0124
10787784	Hmgb2	0.101988	0.9999	-0.912124	0.0059	-1.153861	0.0002	-1.354023	0.0000

10787822	---	0.050066	0.9999	0.063688	0.8772	0.163000	0.3881	0.347798	0.0247
10787828	---	-0.027867	0.9999	0.333331	0.2951	0.466584	0.0414	0.314827	0.2212
10787841	Sc4mol	-0.161973	0.9921	0.292637	0.5012	0.596597	0.0228	0.607863	0.0189
10787918	LOC290704	0.012810	0.9999	0.461997	0.0692	0.318558	0.1733	0.479648	0.0257
10787921	LOC290704	0.135951	0.9916	0.640313	0.0025	0.399394	0.0487	0.580803	0.0025
10787923	LOC290704	0.068741	0.9999	0.258364	0.4294	0.250292	0.3058	0.454799	0.0303
10787925	LOC290704	0.135330	0.9898	0.498987	0.0230	0.262492	0.2362	0.529839	0.0056
10787935	Clcn3	-0.014261	0.9999	0.346642	0.2950	0.676531	0.0036	0.706712	0.0018
10787960	Hmgn2	0.103702	0.9999	-0.772063	0.0175	-1.068437	0.0003	-1.371855	0.0000
10788059	Neil3	-0.123922	0.9444	-0.287428	0.0374	-0.330100	0.0058	-0.383394	0.0010
10788086	Odz3	-0.036631	0.9999	-0.318147	0.5965	-0.430064	0.2530	-0.874144	0.0068
10788101	Wwc2	-0.019872	0.9999	0.610431	0.0270	0.832558	0.0006	0.579348	0.0170
10788170	Stox2	0.298213	0.8437	0.467701	0.0392	0.346457	0.0938	0.176768	0.4976
10788180	Ccdc111	0.000241	0.9999	-0.351004	0.1374	-0.468404	0.0121	-0.431841	0.0209
10788204	Snx25	-0.059323	0.9999	0.181818	0.6564	0.423192	0.0487	0.118348	0.7184
10788238	Tlr3	-0.067514	0.9999	-0.290563	0.2811	-0.418877	0.0309	-0.528167	0.0048
10788246	Cyp4v3	0.208577	0.9299	-0.204282	0.5410	-0.245659	0.2695	-0.406349	0.0379
10788427	Msr1	0.305307	0.8669	-0.948267	0.0001	-1.162468	0.0000	-0.810003	0.0004
10788477	---	-0.287170	0.7200	-0.257911	0.1444	-0.324601	0.0204	-0.326430	0.0186
10788553	Leprotl1	0.072669	0.9942	0.259147	0.0800	0.300583	0.0148	0.364119	0.0024
10788720	Rab11fip1	0.095309	0.9950	0.408903	0.0316	0.607483	0.0003	0.692876	0.0000
10788728	Brf2	-0.027791	0.9999	0.124242	0.7760	0.334072	0.0957	0.402297	0.0381
10788864	Tacc1	0.085464	0.9985	-0.300536	0.1567	-0.225755	0.2244	-0.487837	0.0023
10789059	Agpat6	0.034776	0.9999	0.179292	0.2938	0.328438	0.0062	0.087609	0.6122
10789143	Slc25a15	0.017056	0.9999	0.399918	0.0275	0.302415	0.0680	0.176704	0.3725
10789152	Ckap2	0.056332	0.9999	-0.676387	0.2888	-0.454704	0.4195	-1.037807	0.0216
10789281	Xkr5	-0.032197	0.9999	-0.349465	0.1577	-0.574740	0.0028	-0.600915	0.0013
10789401	Rasa3	-0.010057	0.9999	-0.476268	0.0114	-0.233454	0.2258	-0.597164	0.0004
10789492	Grtp1	-0.100114	0.9990	0.114642	0.8079	0.421738	0.0351	0.152293	0.5814
10789498	Grtp1	-0.008187	0.9999	0.385404	0.1513	0.539132	0.0101	0.621990	0.0023
10789560	Ankrd10	0.238529	0.9333	0.365359	0.2360	0.673865	0.0028	0.505314	0.0266
10789574	RGD1311612	0.123738	0.9570	-0.218009	0.1958	-0.288323	0.0251	-0.333797	0.0077
10789688	Efnb2	-0.455093	0.8669	0.715791	0.0855	1.114895	0.0012	0.784970	0.0231
10789709	Polr3a	-0.073672	0.9999	0.298968	0.2600	0.482625	0.0115	0.335162	0.1001
10789727	Zcche24	0.225832	0.9582	-0.855370	0.0005	-1.055051	0.0000	-1.140868	0.0000
10789732	Dctpp1	-0.152846	0.9199	-0.077795	0.8090	-0.294147	0.0313	-0.207363	0.1660
10789783	---	-0.018632	0.9999	0.419157	0.1238	0.531414	0.0149	0.514694	0.0179
10790023	---	0.223003	0.9620	-1.224307	0.0000	-1.328833	0.0000	-1.330117	0.0000
10790096	Nisch	0.081593	0.9950	0.176090	0.4358	0.252803	0.0930	0.316167	0.0286
10790216	Sh3bp5	-0.121416	0.9620	-0.299427	0.0458	-0.237169	0.0776	-0.343692	0.0066
10790401	RGD1564142	-0.089708	0.9942	-0.296498	0.1189	-0.310202	0.0475	-0.437167	0.0033
10790481	Bmpr1a	-0.066554	0.9999	0.383566	0.1708	0.431353	0.0515	0.536125	0.0120
10790525	Rpl38	-0.128427	0.9451	-0.155737	0.4275	-0.309230	0.0131	-0.161893	0.2702
10790542	Gcap14	0.007223	0.9999	0.468741	0.1000	0.604600	0.0093	0.580132	0.0117
10790670	Klf2	0.144768	0.9998	-0.677320	0.0598	-0.709454	0.0212	-0.794674	0.0082
10790954	Lsm4	-0.086520	0.9917	-0.176209	0.3429	-0.258940	0.0445	-0.253832	0.0505
10790966	Isyna1	0.219315	0.9921	0.712854	0.0887	1.092164	0.0015	1.308872	0.0001

10790978	Eil	0.208488	0.8820	0.389922	0.0367	0.297274	0.0793	0.394768	0.0143
10791011	Gdf1	-0.061452	0.9999	-0.400157	0.0355	-0.285398	0.1024	-0.570109	0.0005
10791456	---	-0.071753	0.9999	0.374537	0.1996	0.484510	0.0297	0.457051	0.0421
10791497	Hmgb2	-0.289491	0.9247	-0.425127	0.2298	-0.548274	0.0391	-0.357153	0.2364
10791565	Vegfc	0.156999	0.9921	-0.532931	0.0852	-0.389412	0.1637	-0.681327	0.0068
10791604	Dctd	0.064305	0.9999	-0.412209	0.0609	-0.552916	0.0030	-0.610798	0.0008
10791661	Mlf1ip	-0.059076	0.9999	-0.541839	0.2344	-0.721085	0.0342	-0.728841	0.0315
10791740	Pdlim3	-0.122637	0.9999	0.710318	0.0488	0.604047	0.0572	0.556429	0.0890
10791779	---	0.206462	0.9999	0.860719	0.1311	1.432028	0.0016	1.396358	0.0016
10791786	Fat1	0.024505	0.9999	0.220470	0.6261	0.381998	0.1370	0.486490	0.0472
10791893	Pdgfr1	-0.115110	0.9942	-0.146882	0.7313	-0.672554	0.0007	-0.725765	0.0002
10791950	Efha2	0.128964	0.9998	0.457673	0.1986	0.865444	0.0012	0.620821	0.0209
10792040	Tmem66	-0.068709	0.9999	0.296971	0.1409	0.363144	0.0237	0.317485	0.0528
10792076	Ppp2cb	-0.110530	0.9624	0.292992	0.0461	0.434855	0.0006	0.408658	0.0009
10792101	Purg	0.061922	0.9999	0.485816	0.0318	0.569892	0.0039	0.350500	0.0975
10792104	Mak16	-0.010128	0.9999	0.183649	0.3269	0.359573	0.0051	0.231585	0.0902
10792124	Dusp26	-0.171213	0.9498	0.397036	0.0410	0.377814	0.0263	0.545528	0.0009
10792251	Star	0.009647	0.9999	0.813514	0.0016	0.855904	0.0004	0.969029	0.0001
10792278	Whsc111	0.182962	0.9310	0.218000	0.4218	0.448497	0.0095	0.324063	0.0741
10792344	Sfrp1	-0.277172	0.9619	0.506683	0.1861	0.482909	0.1193	0.713819	0.0136
10792421	Plat	0.131941	0.9999	-0.286488	0.7592	-0.173896	0.7985	-0.928747	0.0272
10792441	Slc20a2	0.054096	0.9999	0.310689	0.4452	0.448973	0.0948	0.583721	0.0227
10792592	Agpat5	-0.156817	0.9819	0.223998	0.5274	0.260251	0.2791	0.486095	0.0187
10792621	Myom2	0.104875	0.9999	-1.204492	0.0922	-1.471793	0.0122	-2.306428	0.0001
10792676	Cln8	-0.000729	0.9999	0.540256	0.0353	0.608538	0.0063	0.583423	0.0080
10792762	Tmco3	0.033710	0.9999	0.449751	0.0046	0.416795	0.0044	0.639519	0.0000
10792913	Arhgef7	-0.185723	0.9171	0.455938	0.0109	0.486565	0.0027	0.476623	0.0026
10792937	Ing1	0.097647	0.9921	0.129883	0.6831	0.330756	0.0403	0.247336	0.1566
10793317	Pols	-0.008024	0.9999	0.301420	0.1827	0.460871	0.0075	0.370857	0.0341
10793365	Psme2	0.050287	0.9999	-0.521397	0.0108	-0.623311	0.0008	-0.562960	0.0018
10793467	LOC498685	-0.062143	0.9999	0.404475	0.0671	0.401501	0.0338	0.205922	0.3711
10793528	Ptch1	0.038810	0.9999	0.319198	0.1037	0.459988	0.0038	0.567071	0.0003
10793675	Ctla2a	0.584573	0.8993	-0.919555	0.1273	-0.902221	0.0708	-1.033362	0.0341
10793748	LOC680692	0.061780	0.9972	0.304310	0.0159	0.308812	0.0065	0.209765	0.0802
10794084	Rab24	0.165798	0.9709	0.350878	0.2085	0.608043	0.0036	0.509063	0.0144
10794099	Uimc1	0.053706	0.9999	0.308346	0.0922	0.436987	0.0036	0.393691	0.0078
10794116	Hk3	0.412736	0.4507	-0.509651	0.0059	-0.524971	0.0020	-0.551913	0.0009
10794320	---	-0.037882	0.9999	-0.488512	0.2196	-0.591789	0.0513	-0.663547	0.0257
10794511	Nup153	0.055594	0.9999	0.279868	0.2154	0.533896	0.0015	0.473632	0.0039
10794573	Gfod1	-0.075793	0.9999	0.443599	0.1592	0.827697	0.0007	0.646468	0.0073
10794599	Nedd9	-0.005553	0.9999	0.933984	0.0040	1.135600	0.0002	1.229515	0.0000
10794691	---	0.046260	0.9999	-0.217174	0.5460	-0.456270	0.0290	-0.523802	0.0101
10794721	Ssr1	-0.033058	0.9999	-0.149052	0.5706	-0.186271	0.2736	-0.336774	0.0222
10794800	RGD1311307	-0.727886	0.7200	0.653553	0.1802	0.860206	0.0223	0.757952	0.0476
10794836	Serpinb6a	0.048968	0.9999	0.295943	0.3094	0.462066	0.0240	0.329195	0.1368
10795027	Pr18a9	-0.185131	0.7312	-0.280705	0.0102	-0.199681	0.0504	-0.219329	0.0288
10795112	Gmnn	-0.103508	0.9999	-0.320418	0.3723	-0.454760	0.0653	-0.500042	0.0399

10795120	Lrrc16a	-0.010295	0.9999	0.451039	0.0821	0.488859	0.0248	0.619525	0.0031
10795189	Hist1h2bh	0.011760	0.9999	-0.353615	0.3433	-0.594450	0.0198	-0.498687	0.0568
10795194	---	-0.008993	0.9999	-0.394020	0.0403	-0.424920	0.0106	-0.374997	0.0249
10795196	RGD1564767	0.148482	0.9999	-0.535320	0.4008	-0.747009	0.0844	-1.002267	0.0148
10795198	---	0.041008	0.9999	-0.821831	0.2818	-1.023717	0.0680	-1.527003	0.0039
10795203	Hist1h1a	0.218519	0.9998	-1.063435	0.0489	-1.502121	0.0011	-1.611869	0.0004
10795231	Hist1h2bl	0.008216	0.9999	-0.572999	0.2721	-0.822315	0.0293	-1.040676	0.0041
10795260	---	0.159251	0.9990	-0.530300	0.2298	-0.569023	0.0962	-0.806767	0.0122
10795265	LOC682649	-0.025147	0.9999	-0.610533	0.0663	-0.774153	0.0056	-0.978191	0.0004
10795280	---	0.047850	0.9999	-0.551154	0.1908	-0.918738	0.0039	-1.044886	0.0008
10795282	Hist1h2bf	-0.111546	0.9999	-0.635762	0.0313	-0.640203	0.0132	-0.857054	0.0007
10795286	---	0.177683	0.9582	-0.309744	0.2065	-0.417440	0.0248	-0.403362	0.0300
10795289	---	-0.131318	0.9999	-0.388603	0.4012	-0.652155	0.0325	-0.581560	0.0624
10795291	Hist1h1b	0.147377	0.9999	-0.932949	0.0958	-1.225378	0.0074	-1.413606	0.0015
10795295	---	0.160615	0.9999	-0.696951	0.1675	-0.795345	0.0463	-1.163801	0.0021
10795297	Hist1h4b	0.031820	0.9999	-0.556197	0.1662	-0.922860	0.0028	-1.044469	0.0006
10795422	Rala	-0.159021	0.9544	-0.252278	0.2544	-0.238003	0.1740	-0.353684	0.0283
10795427	Cdc2l5	0.020391	0.9999	0.088587	0.8198	0.320582	0.0492	0.164732	0.4138
10795444	RGD1308114	0.020789	0.9999	-0.235137	0.1146	-0.359772	0.0027	-0.324288	0.0058
10795528	Tbce	0.101816	0.9981	0.214956	0.5107	0.459337	0.0186	0.377906	0.0603
10795616	Crem	0.152897	0.9921	0.504987	0.0800	0.422793	0.0938	0.512203	0.0353
10795650	RGD1562407	0.092484	0.9978	0.226643	0.4030	0.354729	0.0487	0.181594	0.4151
10795679	Gpr137b	0.322741	0.7200	-0.348957	0.0730	-0.389758	0.0172	-0.281850	0.1063
10795760	Mtr	0.121260	0.9968	0.443209	0.0994	0.675966	0.0020	0.484764	0.0287
10796220	Gata3	0.050453	0.9999	-0.678275	0.0001	-0.689499	0.0000	-0.829017	0.0000
10796226	---	0.195691	0.9310	-0.636455	0.0012	-0.665561	0.0003	-0.728712	0.0001
10796234	Cugbp2	0.032883	0.9999	0.347856	0.3010	0.486215	0.0434	0.294286	0.2949
10796347	Mcm10	0.218064	0.9310	-0.442688	0.0692	-0.586892	0.0040	-0.558836	0.0053
10796381	Prpf18	0.192575	0.9653	0.235895	0.5744	0.523821	0.0270	0.232318	0.4402
10796411	Mt1a	0.188419	0.9999	-0.521826	0.4967	-0.995168	0.0329	-0.666861	0.2000
10796432	Rpp38	-0.138228	0.9921	0.308875	0.3167	0.454919	0.0363	0.262880	0.3029
10796440	Pter	-0.353456	0.9038	-0.423897	0.3350	-0.497706	0.1194	-0.620208	0.0439
10796455	Stam	-0.031091	0.9999	0.363321	0.2211	0.496675	0.0259	0.468182	0.0363
10796476	Mrc1	0.639013	0.7200	-1.525909	0.0000	-1.950210	0.0000	-1.942858	0.0000
10796564	Plxdc2	0.371210	0.9010	-0.123565	0.8828	-0.460834	0.1738	-0.722639	0.0193
10796985	---	0.146709	0.9999	0.372686	0.7251	1.121601	0.0270	0.537708	0.3897
10796989	---	0.140233	0.9999	0.427583	0.6309	1.016078	0.0325	0.858809	0.0817
10797032	Dapk1	0.342337	0.8614	-0.473014	0.1182	-0.494019	0.0474	-0.381110	0.1559
10797062	Mak10	-0.000005	1.0000	0.158274	0.6119	0.345955	0.0439	0.351601	0.0402
10797169	Rplp1	-0.056150	0.9942	-0.183030	0.1255	-0.194960	0.0458	-0.165460	0.1054
10797232	Prr7	-0.154075	0.9624	-0.255760	0.3220	-0.380049	0.0360	-0.246920	0.2290
10797473	Rpl35a	-0.023414	0.9999	-0.099661	0.8443	-0.483822	0.0166	-0.345165	0.1105
10797566	S1pr3	0.180352	0.9999	-0.845243	0.0778	-0.922732	0.0221	-1.156132	0.0029
10797597	Iars	-0.214153	0.9624	0.441345	0.1599	0.547915	0.0266	0.536462	0.0295
10797648	Ogn	0.485534	0.8869	-0.991447	0.0195	-1.339887	0.0004	-1.569420	0.0000
10797657	Omd	0.039863	0.9999	-0.157066	0.2334	-0.227031	0.0202	-0.215808	0.0272
10797671	---	0.100309	0.9999	-0.436393	0.3650	-0.992161	0.0020	-1.094514	0.0005

10797796	Myliip	-0.088602	0.9999	-0.118089	0.7977	-0.263729	0.2326	-0.413215	0.0370
10797811	Cd83	-0.052149	0.9999	-0.538436	0.0047	-0.617319	0.0005	-0.495186	0.0040
10797949	Bmp6	0.213135	0.9998	-0.560594	0.4288	-0.996806	0.0290	-1.290691	0.0033
10798027	Ly86	0.123577	0.9624	-0.558134	0.0002	-0.690009	0.0000	-0.607784	0.0000
10798037	Fars2	0.244302	0.9444	-0.226927	0.6010	-0.441833	0.0716	-0.553204	0.0191
10798074	Prpf4b	0.111464	0.9999	0.280309	0.5237	0.557558	0.0332	0.323538	0.2913
10798135	Serpinb9	0.096879	0.9999	-0.929846	0.0628	-1.232998	0.0034	-0.946991	0.0260
10798194	Agtr1a	0.452657	0.7289	-0.482928	0.0958	-0.596115	0.0120	-0.542248	0.0227
10798199	Mboat1	0.252031	0.8489	-0.138694	0.6814	-0.464115	0.0057	-0.392319	0.0198
10798386	LOC498750	0.163647	0.9620	-0.158244	0.6351	-0.472049	0.0066	-0.242080	0.2269
10798436	Hist1h2aa	-0.254009	0.8945	-0.428271	0.0817	-0.491911	0.0165	-0.601798	0.0025
10798442	LOC679840	-0.104980	0.9999	-0.623664	0.1572	-0.860636	0.0120	-0.809843	0.0178
10798455	Hist1h2ail	0.036560	0.9999	-0.666502	0.0708	-0.788293	0.0108	-0.976785	0.0012
10798457	---	0.117925	0.9999	-0.888909	0.1460	-1.111926	0.0217	-1.264090	0.0074
10798459	---	0.219514	0.9999	-0.934558	0.2413	-1.001297	0.1034	-1.615968	0.0046
10798461	Hist1h4b	0.015989	0.9999	-0.549095	0.1665	-0.870075	0.0044	-0.964887	0.0012
10798463	---	-0.045117	0.9999	-0.257733	0.4288	-0.384667	0.0741	-0.489417	0.0179
10798465	---	-0.056867	0.9999	-0.601257	0.2721	-0.938235	0.0167	-0.553338	0.2157
10798469	Uhmk1	-0.041658	0.9999	0.106791	0.8212	0.429582	0.0278	0.239056	0.2976
10798471	Taf5l	-0.086309	0.9931	0.093620	0.7788	0.116060	0.5514	0.338736	0.0193
10798475	Hist1h2bc	0.042086	0.9999	-0.498319	0.2981	-0.733924	0.0316	-0.680675	0.0490
10798488	Hist1h2bc	0.040103	0.9999	-0.705316	0.0937	-0.959350	0.0053	-1.217115	0.0004
10798490	Hist1h4b	0.050100	0.9999	-0.537277	0.1774	-0.891634	0.0034	-1.019668	0.0006
10798492	---	0.011755	0.9999	-0.452240	0.2298	-0.730061	0.0085	-0.857932	0.0015
10798494	st1h2bn // Hist1h2	0.011164	0.9999	-0.672220	0.0958	-0.915620	0.0055	-1.069477	0.0009
10798497	Hist1h2bl	0.028740	0.9999	-0.684168	0.1016	-0.978427	0.0039	-1.112369	0.0008
10798499	Hist1h4b	0.044913	0.9999	-0.532144	0.2145	-0.898800	0.0048	-0.983944	0.0016
10798501	Hist1h2bm	0.123231	0.9921	-0.298811	0.3107	-0.538973	0.0085	-0.522619	0.0098
10798505	---	0.095678	0.9999	-0.787289	0.1730	-0.927174	0.0406	-1.501831	0.0006
10798507	Hist1h2ak	-0.033315	0.9999	-0.833396	0.1170	-1.194627	0.0050	-1.337249	0.0013
10798513	Znf307	-0.005439	0.9999	-0.201516	0.4383	-0.391223	0.0179	-0.248977	0.1750
10798610	Sfrp4	-0.056396	0.9999	1.476397	0.0000	1.002607	0.0004	1.072981	0.0001
10798702	Inhba	-0.280778	0.9921	1.024279	0.0280	1.064360	0.0096	1.038200	0.0106
10798706	Gli3	0.229943	0.9574	-0.197494	0.6747	-0.469967	0.0535	-0.524318	0.0281
10798794	Svil	0.004064	0.9999	0.506664	0.1708	0.577364	0.0478	0.706622	0.0122
10798828	RGD1562037	0.003323	0.9999	0.528221	0.1155	0.439690	0.1283	0.618711	0.0223
10799084	---	-0.125344	0.9999	-0.725326	0.2077	-0.746292	0.1009	-1.329410	0.0016
10799087	Heatr1	-0.040490	0.9999	0.179256	0.6850	0.518453	0.0189	0.182077	0.5441
10799357	Akr1cl1	0.582923	0.8210	-1.123203	0.0055	-1.314808	0.0004	-1.081134	0.0029
10799532	Upf2	0.228089	0.9608	0.466398	0.1173	0.735545	0.0021	0.583338	0.0142
10799671	LOC684862	0.105705	0.9982	-0.141732	0.7494	-0.225757	0.3529	-0.429071	0.0363
10799684	RGD1564327	0.423299	0.8934	-0.291062	0.6583	-1.057216	0.0017	-0.573963	0.1142
10799848	Neb1	0.241681	0.9843	-0.943963	0.0087	-0.910319	0.0054	-0.915015	0.0043
10799909	Pip4k2a	-0.065738	0.9999	-0.098309	0.8729	-0.260050	0.3500	-0.524037	0.0242
10799914	---	-0.080286	0.9999	-0.298931	0.3489	-0.558437	0.0097	-0.551766	0.0097
10799942	Arhgap21	0.079929	0.9999	0.801222	0.0052	0.968806	0.0003	1.164154	0.0000
10799985	Rps8	-0.003533	0.9999	-0.164767	0.5387	-0.181423	0.3219	-0.313903	0.0482

10799999	Mastl	0.012426	0.9999	-0.798929	0.1889	-0.659536	0.1998	-1.305812	0.0037
10800088	Colec12	0.395214	0.8544	-0.672587	0.0275	-0.658292	0.0147	-0.815681	0.0018
10800122	RGD1566021	0.038334	0.9999	-0.138312	0.5910	-0.140194	0.4325	-0.339783	0.0162
10800142	Mib1	0.192604	0.9010	0.223963	0.3480	0.559008	0.0005	0.143761	0.5037
10800189	Cables1	-0.053803	0.9999	0.372831	0.5535	0.772038	0.0335	0.466239	0.2673
10800216	RGD1311805	-0.051747	0.9999	0.231345	0.2614	0.331616	0.0270	0.250452	0.1169
10800337	Dmtf1	0.044080	0.9999	0.348191	0.1037	0.588892	0.0007	0.367851	0.0377
10800657	Ammecr11	-0.032589	0.9999	0.307325	0.2371	0.516010	0.0067	0.463124	0.0145
10800696	Lims2	-0.057994	0.9999	-0.370130	0.5299	-0.735437	0.0350	-0.671117	0.0590
10800744	Erc3	0.028075	0.9999	0.315969	0.3137	0.443043	0.0470	0.456575	0.0396
10800844	Apc	0.174748	0.9630	0.289956	0.3331	0.570018	0.0053	0.496897	0.0148
10800891	Kif20a	0.079402	0.9999	-1.181272	0.0619	-1.399174	0.0089	-1.792524	0.0006
10800919	Egr1	-0.615455	0.9136	-1.100727	0.0905	-1.238231	0.0219	-0.965850	0.0887
10801135	---	-0.522256	0.8437	-0.814257	0.0435	-1.098646	0.0015	-1.080037	0.0014
10801258	---	0.202973	0.9653	0.397644	0.2397	0.536274	0.0328	0.414473	0.1218
10801262	Rel2	-0.123859	0.9925	0.246891	0.4597	0.304609	0.1814	0.451704	0.0309
10801271	RGD735029	-0.030733	0.9999	-0.262276	0.3007	-0.401503	0.0255	-0.364484	0.0455
10801290	Ndfip1	0.111668	0.9852	0.187527	0.4412	0.351671	0.0235	0.265793	0.1063
10801584	Commd10	-0.038994	0.9999	-0.152706	0.7062	-0.421865	0.0342	-0.474199	0.0150
10801683	Prr16	0.328937	0.9010	-0.836107	0.0049	-0.463147	0.1118	-0.589234	0.0343
10801821	Lmnb1	-0.041010	0.9999	-0.752213	0.0138	-0.708593	0.0101	-0.871538	0.0012
10801859	Prrc1	0.078603	0.9990	-0.024499	0.9674	-0.222933	0.2113	-0.429598	0.0059
10801884	Slc12a2	0.049695	0.9999	0.374953	0.2157	0.737438	0.0011	0.752164	0.0007
10801967	Chsy3	-0.122924	0.9968	0.587887	0.0158	0.415075	0.0682	0.524572	0.0168
10801973	RGD1309362	0.670212	0.7016	-0.473304	0.2796	-0.692345	0.0281	-0.610496	0.0579
10801975	MGC108823	0.134644	0.9867	-0.319390	0.2032	-0.449780	0.0177	-0.426399	0.0246
10802007	Rps14	-0.091307	0.9999	-0.162037	0.6794	-0.418092	0.0358	-0.370372	0.0709
10802040	Pdgfrb	0.174427	0.9977	-0.455208	0.3460	-0.581682	0.0905	-1.142157	0.0004
10802065	Csf1r	0.376592	0.9620	-1.042730	0.0268	-1.201481	0.0037	-1.337246	0.0009
10802130	Il17b	-0.213601	0.8774	-0.236844	0.3249	-0.098023	0.6887	-0.360500	0.0315
10802191	Wdr7	0.190145	0.9625	0.328396	0.2951	0.473341	0.0350	0.362026	0.1323
10802274	Malt1	-0.074335	0.9999	0.475228	0.2589	0.691767	0.0238	0.785409	0.0084
10802782	Pias2	0.154915	0.9620	0.206547	0.4407	0.309273	0.0797	0.347668	0.0446
10802884	RGD1306286	0.156587	0.9620	0.152720	0.6279	0.381468	0.0231	0.123400	0.6027
10802972	Mbp	-0.107506	0.9934	-0.302189	0.2124	-0.341682	0.0683	-0.391767	0.0326
10803017	Cyb5a	0.184871	0.9921	-0.607131	0.0592	-0.749373	0.0059	-0.790454	0.0029
10803238	Cdig2	0.280676	0.8614	0.266960	0.3971	0.591891	0.0038	0.258985	0.2877
10803323	Cdh2	0.095767	0.9934	0.289687	0.1660	0.382073	0.0187	0.472090	0.0026
10803440	---	-0.038911	0.9999	0.594577	0.0241	0.485085	0.0423	0.518037	0.0284
10803598	---	0.031676	0.9999	0.078091	0.7075	0.223050	0.0286	0.168442	0.1213
10803673	LOC498836	-0.008090	0.9999	-0.220535	0.0378	-0.007882	0.9676	0.119048	0.2733
10803692	Nrep	0.089620	0.9999	0.725707	0.0114	0.666653	0.0105	0.627377	0.0155
10804159	---	-0.360258	0.7200	-0.309016	0.2022	-0.401539	0.0296	-0.231640	0.2834
10804225	Ppp2r2b	0.178506	0.9999	-0.950675	0.0455	-1.194946	0.0034	-1.152585	0.0038
10804319	Mcc	0.130711	0.9921	0.229919	0.4816	0.491470	0.0129	0.166377	0.5356
10804463	Lox	-0.153691	0.9999	1.124456	0.0377	0.940826	0.0513	0.852720	0.0861
10804480	Ppic	0.091609	0.9999	-0.271473	0.4288	-0.480992	0.0295	-0.488283	0.0261

10804486	Cep120	0.086222	0.9999	0.364751	0.2309	0.519292	0.0217	0.533444	0.0170
10804651	LOC361335	0.017217	0.9999	0.199291	0.5531	0.448354	0.0198	0.273886	0.2074
10804721	Afap111	0.026904	0.9999	0.197596	0.6175	0.612670	0.0037	0.395954	0.0740
10804783	Fbxo38	0.087303	0.9999	0.341090	0.2563	0.527493	0.0151	0.366227	0.1172
10804821	Fam38b	-0.079228	0.9999	0.710077	0.0448	0.487290	0.1363	0.155039	0.7526
10804964	Mppe1	0.019166	0.9999	0.414548	0.0502	0.441582	0.0152	0.312509	0.1086
10804974	Afg3l2	0.010820	0.9999	0.169302	0.6387	0.419578	0.0274	0.291819	0.1603
10805016	Cep76	-0.063820	0.9999	0.308765	0.3491	0.534222	0.0172	0.563681	0.0106
10805066	LOC679578	0.058830	0.9999	0.741085	0.0170	0.804103	0.0039	0.712941	0.0099
10805077	Rab27b	-0.030078	0.9999	-0.166804	0.4203	-0.270485	0.0456	-0.030985	0.9027
10805085	RGD1564477	-0.125726	0.9421	-0.320560	0.0167	-0.145343	0.3060	-0.322302	0.0065
10805100	LOC361346	-0.120124	0.9999	-0.351042	0.3635	-0.366361	0.2044	-0.598656	0.0205
10805186	Me2	0.063404	0.9999	-0.357502	0.3444	-0.384532	0.1698	-0.526116	0.0450
10805214	Ska1	0.053146	0.9999	-0.574831	0.2235	-0.796624	0.0243	-0.942817	0.0059
10805242	Gm672	-0.088421	0.9999	0.336008	0.1689	0.303881	0.1321	0.396270	0.0388
10805527	Cndp1	0.134667	0.9310	-0.460158	0.0006	-0.476965	0.0002	-0.553729	0.0000
10805540	Cndp2	0.037318	0.9999	-0.268718	0.2175	-0.408663	0.0118	-0.412354	0.0100
10805580	---	-0.153047	0.7668	-0.124407	0.3361	-0.203993	0.0223	-0.098528	0.3667
10805700	Dync1li2	0.062090	0.9999	0.263016	0.2723	0.412237	0.0164	0.208245	0.3099
10805746	Cdh11	0.276957	0.9632	-0.559068	0.2026	-0.840335	0.0108	-1.201270	0.0002
10805765	---	0.039951	0.9999	-0.247959	0.2030	-0.304254	0.0414	-0.340108	0.0200
10805814	Cnot1	0.159004	0.9496	0.172777	0.5101	0.365960	0.0197	0.263408	0.1172
10805851	Cnot1	0.163586	0.8210	0.167921	0.2407	0.276355	0.0082	0.243147	0.0201
10805895	Gtl3	0.009790	0.9999	-0.176181	0.5171	-0.127510	0.5548	-0.347763	0.0321
10805905	---	0.217550	0.8973	0.288441	0.2344	0.398231	0.0275	0.220058	0.3012
10806034	Nudt21	0.018675	0.9999	0.100448	0.4981	0.196165	0.0290	-0.044348	0.7576
10806122	Hmox1	0.062868	0.9999	0.032430	0.9846	0.585607	0.2254	0.931038	0.0315
10806129	Mcm5	-0.037085	0.9999	-0.384893	0.5769	-0.690900	0.0859	-1.268483	0.0007
10806151	Tpst2	-0.021646	0.9999	0.365179	0.0066	0.373770	0.0024	0.465697	0.0002
10806301	---	0.027380	0.9999	0.036749	0.9515	0.304783	0.1062	0.389649	0.0310
10806303	Tox3	-0.275519	0.9544	0.761008	0.0131	0.868781	0.0017	1.030797	0.0002
10806341	Zfp423	0.171579	0.8997	-0.343189	0.0341	-0.310774	0.0302	-0.449858	0.0011
10806365	N4bp1	0.092350	0.9990	0.335021	0.1701	0.634087	0.0007	0.316433	0.1195
10806492	---	-0.031372	0.9999	0.172139	0.3813	0.263177	0.0474	0.290797	0.0257
10806494	LOC685424	-0.183615	0.8570	-0.174071	0.3591	-0.356255	0.0050	-0.243869	0.0659
10806522	---	-0.372443	0.2425	-0.314013	0.0458	-0.398945	0.0031	-0.333529	0.0127
10806709	Zswim4	-0.118531	0.9999	0.322623	0.4887	0.743809	0.0080	0.571056	0.0476
10806913	Usp38	0.205305	0.9620	0.283430	0.4093	0.555083	0.0123	0.272804	0.3031
10806927	Gab1	0.272895	0.8945	0.372294	0.2007	0.686892	0.0017	0.735816	0.0006
10807031	---	-0.211102	0.4739	-0.207800	0.0453	-0.166550	0.0724	-0.231273	0.0085
10807044	Arhgap10	0.127806	0.9656	-0.229946	0.3034	-0.279848	0.0880	-0.536932	0.0005
10807140	RGD621098	0.238496	0.8614	0.177966	0.5635	0.473834	0.0061	0.299706	0.1063
10807211	Tmem208	0.167071	0.9632	0.361380	0.1567	0.425518	0.0346	0.406180	0.0455
10807473	Slc7a6	-0.024742	0.9999	0.387148	0.1083	0.659188	0.0007	0.522180	0.0065
10807638	Nfat5	0.201942	0.9624	0.321806	0.3544	0.550222	0.0197	0.426514	0.0848
10807656	Wwp2	0.013802	0.9999	-0.069330	0.8580	-0.312231	0.0414	-0.289498	0.0636
10807768	Ap1g1	0.026015	0.9999	0.284562	0.2154	0.410453	0.0170	0.281643	0.1308

10807793	---	0.068722	0.9999	0.249091	0.2361	0.445579	0.0038	0.480848	0.0014
10807879	---	-0.056534	0.9921	-0.141120	0.2026	-0.160727	0.0612	-0.173510	0.0411
10807995	Mtss11	0.134087	0.9632	0.473767	0.0059	0.513867	0.0012	0.848140	0.0000
10808034	St3gal2	-0.118963	0.9921	0.470712	0.0392	0.541462	0.0060	0.595372	0.0020
10808094	RGD1311422	-0.005362	0.9999	0.501015	0.0165	0.462667	0.0141	0.565317	0.0020
10808197	Cenpn	-0.033277	0.9999	-0.281326	0.6146	-0.360972	0.3072	-0.676191	0.0251
10808223	Bcml1	-0.187950	0.8872	-0.456435	0.0043	-0.508118	0.0006	-0.431980	0.0027
10808348	Wfdc1	-0.364775	0.9507	0.824141	0.0502	0.950120	0.0084	1.298469	0.0003
10808377	Crispld2	-0.045012	0.9999	0.670456	0.1175	0.700579	0.0472	0.612812	0.0947
10808461	Banp	0.148725	0.9968	0.432154	0.2434	0.608889	0.0261	0.450358	0.1247
10808536	Cdt1	-0.099353	0.9999	-0.258053	0.5607	-0.626293	0.0122	-0.783284	0.0013
10808603	Cpne7	-0.085226	0.9921	-0.127028	0.5690	-0.315011	0.0116	-0.184543	0.1891
10808620	Dpep1	0.029230	0.9999	-1.607841	0.0000	-2.118916	0.0000	-2.115646	0.0000
10808633	RGD1561507	-0.339642	0.7262	-0.405888	0.0504	-0.359040	0.0487	-0.366879	0.0437
10808637	Cdk10	0.028475	0.9999	0.244296	0.3254	0.368330	0.0341	0.210160	0.3037
10808652	Fanca	0.042694	0.9999	0.289102	0.1444	0.331257	0.0365	0.187173	0.3189
10808702	Tubb3	-0.177285	0.9539	-0.623925	0.0010	-0.699831	0.0001	-0.776539	0.0000
10808708	Def8	0.019899	0.9999	0.278233	0.1755	0.441376	0.0049	0.274400	0.1037
10808723	Afg3l1	-0.000206	0.9999	-0.102089	0.7544	-0.170494	0.3295	-0.330086	0.0257
10809018	Cmtm3	0.292951	0.8650	-0.588348	0.0157	-0.706952	0.0013	-0.800311	0.0002
10809216	Gpr56	0.276509	0.9624	0.723828	0.0495	0.895307	0.0044	1.125037	0.0003
10809278	Arl2bp	-0.019569	0.9999	-0.367505	0.0164	-0.624016	0.0000	-0.559879	0.0001
10809328	Herpud1	0.121426	0.9990	0.563869	0.0512	0.665879	0.0070	0.585354	0.0178
10809392	Mt1a	0.216201	0.9999	-0.484507	0.5687	-0.988759	0.0415	-0.678459	0.2112
10809411	Ogfod1	-0.303543	0.8570	0.185197	0.6517	0.425460	0.0489	0.324937	0.1655
10809524	Lpcat2	0.326011	0.8541	-0.485418	0.0627	-0.593916	0.0069	-0.590457	0.0064
10809540	Mmp2	0.086733	0.9999	-0.312513	0.4632	-0.439833	0.1157	-0.668283	0.0101
10809643	Cyld	0.033964	0.9999	0.380272	0.2166	0.731283	0.0014	0.465589	0.0478
10809716	Papd5	0.103079	0.9881	0.198897	0.3699	0.340972	0.0223	0.326198	0.0287
10809730	Heatr3	0.007391	0.9999	0.340143	0.1043	0.352784	0.0422	0.233242	0.2361
10809856	Orc6l	-0.147020	0.9942	-0.242540	0.5920	-0.388809	0.1501	-0.635265	0.0099
10809880	---	-0.045977	0.9999	0.241363	0.2713	0.407307	0.0092	0.399993	0.0097
10809902	---	-0.093076	0.9990	0.272905	0.2988	0.286665	0.1519	0.413049	0.0260
10809906	RGD1562660	-0.257983	0.9589	-0.323672	0.4533	-0.608463	0.0257	-0.551866	0.0459
10809912	Man2b1	0.167709	0.9010	-0.301080	0.0747	-0.378198	0.0073	-0.463450	0.0008
10810029	Dnase2a	0.386069	0.4262	-0.354705	0.0549	-0.398243	0.0115	-0.397188	0.0107
10810069	Trmt1	0.030682	0.9999	0.145347	0.5619	0.357169	0.0114	0.231556	0.1320
10810144	Rrm2	-0.043898	0.9999	-1.143684	0.0834	-1.127914	0.0439	-2.039359	0.0002
10810230	Asf1b	0.158901	0.9999	-0.559046	0.3236	-0.880966	0.0259	-1.458455	0.0002
10810299	Ndufb7	-0.109895	0.9867	-0.173251	0.5050	-0.334811	0.0327	-0.226172	0.1946
10810378	Inpp4b	0.110554	0.9921	0.288593	0.1812	0.348639	0.0377	0.255916	0.1609
10810553	B3gnt9	0.071764	0.9999	-0.553607	0.0146	-0.737677	0.0003	-1.024242	0.0000
10810556	Tradd	-0.164054	0.9624	-0.478681	0.0202	-0.578933	0.0017	-0.531300	0.0031
10810591	Fhod1	0.131388	0.9819	0.378013	0.0683	0.393335	0.0258	0.322821	0.0781
10810703	Cenpt	0.126028	0.9999	-0.727442	0.1930	-0.872812	0.0433	-1.287620	0.0018
10810727	Psmb10	0.006309	0.9999	-0.353967	0.0751	-0.385640	0.0217	-0.369020	0.0279
10810743	Slc12a4	-0.101390	0.9925	0.388419	0.0497	0.528771	0.0018	0.452694	0.0065

10810885	Psmid7	0.121927	0.9624	0.210574	0.2856	0.340130	0.0153	0.269985	0.0635
10811196	Cfdp1	0.025283	0.9999	-0.168286	0.5053	-0.279573	0.0728	-0.353233	0.0183
10811203	RGD1559505	0.094710	0.9990	0.366453	0.1057	0.370014	0.0499	-0.049757	0.8857
10811216	Adat1	0.207643	0.9096	0.254955	0.3226	0.373457	0.0395	0.210828	0.3287
10811244	Lsm2	-0.066311	0.9999	-0.304528	0.1546	-0.394492	0.0184	-0.472408	0.0036
10811276	---	0.102580	0.9936	0.159194	0.6284	0.361564	0.0410	0.179569	0.4141
10811278	Maf	0.372706	0.7401	-0.182129	0.6518	-0.541246	0.0091	-0.477069	0.0219
10811293	Gesh	-0.107292	0.9695	-0.211187	0.2601	-0.246771	0.0797	-0.335670	0.0119
10811341	Hsd17b2	0.133096	0.8872	0.114685	0.5222	0.203381	0.0611	0.215368	0.0459
10811476	Gins2	-0.026640	0.9999	-0.251284	0.2612	-0.376302	0.0201	-0.409824	0.0098
10811560	Mvd	-0.087576	0.9968	0.144869	0.6265	0.352358	0.0269	0.341476	0.0317
10811581	Snai3	-0.114441	0.9310	-0.079458	0.7317	-0.198523	0.0788	-0.239939	0.0279
10811708	Ankrd11	0.148079	0.9507	0.309401	0.0778	0.570674	0.0001	0.444861	0.0018
10811747	Spata2L	0.027980	0.9999	0.285232	0.3645	0.458960	0.0316	0.464699	0.0286
10811768	Fanca	0.167995	0.9201	-0.196347	0.3854	-0.268074	0.0849	-0.349356	0.0185
10811824	Acta1	-0.525030	0.9199	-0.642213	0.3461	-1.340943	0.0036	-1.496820	0.0009
10811947	Exoc8	-0.056710	0.9999	0.136232	0.7117	0.385665	0.0316	0.172718	0.4505
10811956	Sipal12	0.042299	0.9999	0.684621	0.0072	0.930251	0.0001	0.917764	0.0001
10812042	---	0.126867	0.9247	0.224009	0.1170	0.266034	0.0218	0.283891	0.0125
10812162	Erap1	0.127806	0.9959	-0.374376	0.2198	-0.571565	0.0117	-0.519256	0.0222
10812223	Spata9	0.106373	0.9324	0.084612	0.6727	0.094865	0.4612	0.232622	0.0211
10812357	---	0.272084	0.9659	0.248147	0.7297	0.678433	0.0490	0.462425	0.2332
10812387	---	-0.061706	0.9814	-0.136050	0.2077	-0.163509	0.0489	-0.100981	0.2953
10812456	Dhfr	0.290569	0.8835	-0.304815	0.3728	-0.486642	0.0351	-0.547127	0.0156
10812515	Arsb	0.271177	0.9102	-0.403748	0.1861	-0.430566	0.0753	-0.501100	0.0334
10812566	Wdr41	0.115879	0.9921	-0.067444	0.8959	-0.146464	0.5546	-0.394762	0.0343
10812689	Enc1	-0.400687	0.9223	0.933118	0.0198	0.705702	0.0556	0.934918	0.0081
10812775	Cd180	0.540343	0.5767	-0.412725	0.1937	-0.546016	0.0246	-0.231081	0.4597
10812931	Depdc1b	-0.060778	0.9999	-0.725543	0.0180	-0.807481	0.0034	-0.949803	0.0005
10813107	Esm1	-0.011906	0.9999	0.278326	0.7725	0.983264	0.0211	0.603805	0.2107
10813112	RGD1561161	0.008747	0.9999	0.355255	0.0960	0.437125	0.0124	0.523086	0.0021
10813119	RGD1561161	0.086263	0.9999	0.766638	0.0415	0.866645	0.0075	1.152179	0.0003
10813152	Emb	0.753683	0.7200	-1.310241	0.0005	-1.401954	0.0001	-1.337532	0.0002
10813236	Sepp1	0.730498	0.2425	-1.182670	0.0000	-1.277747	0.0000	-1.304834	0.0000
10813336	Prkaa1	-0.030734	0.9999	0.284930	0.5815	0.623902	0.0316	0.578661	0.0491
10813407	Rictor	0.218176	0.9871	0.565786	0.1563	0.851801	0.0058	0.633122	0.0463
10813563	Ranbp3l	-0.143167	0.9964	0.696834	0.0140	0.838106	0.0010	0.761467	0.0022
10813594	Lmbrd2	-0.081053	0.9999	0.289512	0.4027	0.540892	0.0163	0.558629	0.0118
10813616	Ugt3a2	-0.165645	0.7200	-0.081654	0.5964	-0.247510	0.0033	-0.165688	0.0577
10813670	C1qtnf3	-0.133600	0.9589	-0.332216	0.0389	-0.309963	0.0282	-0.379903	0.0054
10813732	Zfr	0.187560	0.9570	0.422431	0.0646	0.490211	0.0111	0.466903	0.0150
10813953	Znf622	-0.142803	0.9925	0.179509	0.7213	0.361831	0.1645	0.498484	0.0407
10813992	LOC683212	-0.143367	0.9990	0.852131	0.0044	1.005948	0.0003	0.799331	0.0030
10814098	Dap	0.178343	0.9425	0.243207	0.3299	0.215630	0.2782	0.372613	0.0315
10814119	Sema5a	0.311362	0.9875	0.838979	0.1359	0.748134	0.1132	1.068212	0.0160
10814286	Fabp4	0.755492	0.8169	-1.053847	0.0639	-1.217852	0.0113	-1.357086	0.0038
10814426	---	0.183330	0.9999	0.611913	0.3649	0.949962	0.0391	0.897995	0.0543

10814628	---	0.517502	0.7316	0.430050	0.2735	0.567657	0.0481	0.440038	0.1549
10814650	Rpl22l1	0.019601	0.9999	-0.247327	0.7721	-0.743524	0.0537	-0.765872	0.0462
10814663	Phc3	0.221577	0.9010	0.325340	0.1836	0.456127	0.0147	0.576882	0.0015
10814703	Terc	-0.196101	0.9049	-0.231237	0.3486	-0.473555	0.0044	-0.376732	0.0249
10814717	Zmat3	-0.082718	0.9999	0.443963	0.1257	0.597528	0.0099	0.509571	0.0294
10814726	Pik3ca	-0.157805	0.9653	0.772313	0.0001	0.911312	0.0000	0.790000	0.0000
10814795	Usp13	-0.054628	0.9999	0.407776	0.0167	0.539749	0.0005	0.526909	0.0005
10814815	Usp13	-0.166808	0.9921	0.427302	0.2534	0.534840	0.0545	0.554006	0.0457
10814858	Atp11b	0.040252	0.9999	0.335877	0.1984	0.477527	0.0156	0.428921	0.0313
10814894	Acad9	-0.121752	0.9968	0.326716	0.2936	0.549459	0.0122	0.456543	0.0416
10814913	LOC686124	0.193358	0.8614	0.341368	0.0368	0.253792	0.0891	0.188240	0.2573
10814961	---	0.222587	0.9038	0.360335	0.1266	0.403099	0.0351	0.433754	0.0215
10814981	RGD1307100	0.275544	0.8045	0.363915	0.0793	0.531930	0.0020	0.443935	0.0091
10815009	Adad1	-0.091616	0.9620	-0.106207	0.5354	-0.122924	0.2883	-0.211025	0.0361
10815026	Fgf2	-0.370734	0.9010	0.325274	0.5535	0.676004	0.0327	0.585341	0.0731
10815049	Spry1	0.162811	0.9934	-0.694380	0.0244	-0.618640	0.0256	-0.784154	0.0033
10815120	Plk4	0.068247	0.9999	-0.448775	0.5160	-0.651886	0.1371	-0.945324	0.0205
10815176	Phf17	0.011651	0.9999	0.245195	0.4187	0.603098	0.0019	0.326271	0.1198
10815308	Mgst2	-0.322783	0.9719	-0.820385	0.1013	-0.994200	0.0151	-0.539703	0.2584
10815326	RGD1309403	0.113725	0.9968	0.291026	0.3298	0.252865	0.2911	0.424512	0.0429
10815474	Delk1	0.188224	0.9653	-0.569141	0.0270	-0.518828	0.0237	-0.609246	0.0062
10815562	LOC690752	0.103825	0.9819	0.340850	0.0292	0.182344	0.2437	0.302187	0.0295
10815661	---	-0.018451	0.9999	-0.280469	0.1057	-0.286359	0.0471	-0.259813	0.0795
10815679	Mme	0.068674	0.9999	-0.538641	0.1903	-0.598596	0.0632	-0.739375	0.0176
10815785	Ptx3	0.400089	0.9889	-0.937032	0.2309	-1.260850	0.0309	-1.065588	0.0784
10815806	Mif1	0.609113	0.9544	-0.704446	0.4901	-1.095921	0.0899	-1.283691	0.0408
10815882	---	-0.136009	0.9395	-0.138656	0.5373	-0.286855	0.0292	-0.185604	0.2097
10815888	Smc4	0.099762	0.9999	-0.390069	0.3186	-0.333558	0.2913	-0.635237	0.0186
10816000	---	-0.013129	0.9999	0.235054	0.1494	0.436035	0.0006	0.236485	0.0776
10816204	Lrba	0.206579	0.9757	0.415372	0.2600	0.421274	0.1402	0.539412	0.0474
10816409	Nes	-0.352153	0.9624	0.802793	0.0976	0.821857	0.0422	0.038611	0.9654
10816433	Iqgap3	-0.077799	0.9999	-0.637847	0.0958	-0.675537	0.0341	-0.894144	0.0034
10816507	Smg5	-0.051825	0.9999	0.178328	0.5749	0.441237	0.0126	0.323767	0.0831
10816590	RGD1565775	0.054172	0.9999	0.208675	0.6635	0.522681	0.0352	0.326923	0.2510
10816649	Ash1l	0.188214	0.9475	0.282928	0.2721	0.519670	0.0045	0.413232	0.0254
10816791	Shc1	-0.058482	0.9999	-0.249615	0.4591	-0.406139	0.0594	-0.474129	0.0239
10816807	Pbxip1	0.058577	0.9999	0.371074	0.2166	0.497685	0.0281	0.553528	0.0124
10816875	LOC361985	-0.087627	0.9999	0.237809	0.4403	0.436207	0.0267	0.402741	0.0428
10817100	---	0.079221	0.9999	0.156129	0.6782	0.048289	0.8886	0.430680	0.0223
10817252	mrpl9	0.044229	0.9999	-0.110527	0.7833	-0.456511	0.0086	-0.373732	0.0339
10817276	Pogz	0.270852	0.8275	0.288076	0.2166	0.365029	0.0390	0.372847	0.0340
10817340	Lysmd1	0.243983	0.8614	0.598763	0.0012	0.665659	0.0002	0.656248	0.0002
10817419	Ctsk	-0.084398	0.9999	-0.546481	0.1481	-0.924624	0.0018	-0.991594	0.0006
10817429	Ctss	0.565836	0.8169	-1.155011	0.0028	-1.239065	0.0006	-1.633676	0.0000
10817512	Sv2a	-0.085091	0.9999	0.536087	0.0140	0.779615	0.0001	0.568456	0.0030
10817527	Hist2h2ab	-0.093536	0.9999	-0.912065	0.1449	-0.782785	0.1393	-1.293738	0.0075
10817531	Hist2h2ab	-0.003443	0.9999	-0.483880	0.1351	-0.640702	0.0125	-0.732519	0.0034

10817535	Hist2h3c2	-0.031669	0.9999	-0.788122	0.0316	-0.971817	0.0024	-1.136556	0.0003
10817537	Hist2h3c2	-0.013230	0.9999	-0.591363	0.0817	-0.607497	0.0341	-1.036004	0.0002
10817539	Hist2h2bb	0.146461	0.9998	-0.727131	0.0412	-0.825195	0.0072	-0.905278	0.0025
10817547	Hfe2	0.336902	0.9867	-0.955917	0.0976	-1.234830	0.0088	-0.940517	0.0537
10817671	---	0.121700	0.9619	0.198897	0.2667	0.113028	0.5000	0.265585	0.0430
10817675	Acp6	0.058328	0.9999	0.351901	0.0856	0.465204	0.0059	0.450543	0.0068
10818097	Ppm1j	0.058028	0.9999	0.649309	0.0102	0.836184	0.0003	0.844640	0.0002
10818241	---	0.052468	0.9977	-0.042820	0.8690	-0.201022	0.0479	-0.072776	0.6085
10818314	Amigo1	0.060773	0.9999	0.118111	0.7983	0.397622	0.0469	0.193080	0.4430
10818358	Psrc1	-0.091900	0.9999	-0.544896	0.0131	-0.422604	0.0362	-0.263474	0.2556
10818440	Slc25a24	-0.017113	0.9999	-0.358559	0.3102	-0.351515	0.1990	-0.753472	0.0016
10818452	Slc25a24	0.001734	0.9999	-0.401576	0.4506	-0.311966	0.4640	-0.799074	0.0160
10818454	Vav3	-0.029795	0.9999	-0.717011	0.0012	-0.724292	0.0005	-0.798873	0.0001
10818502	Col11a1	0.058132	0.9999	-0.164173	0.7172	-0.372981	0.1015	-0.448596	0.0425
10818649	Lppr5	0.760587	0.8669	-1.165445	0.1005	-1.406710	0.0154	-1.136850	0.0580
10818708	F3	0.188672	0.9624	-0.762569	0.0009	-0.862976	0.0001	-1.070773	0.0000
10819130	Gbp11	0.106025	0.9977	0.303652	0.2821	0.475519	0.0183	0.362605	0.0873
10819145	Cenpe	0.134207	0.9999	-0.752967	0.1347	-0.735528	0.0767	-0.920992	0.0210
10819350	LOC499718	0.197031	0.9867	0.503199	0.1538	0.608591	0.0288	0.738181	0.0061
10819562	Lmo4	0.137755	0.9620	-0.236828	0.2394	-0.370794	0.0119	-0.352605	0.0164
10819672	Mcoln3	-0.093639	0.9619	-0.218500	0.0600	-0.195794	0.0533	-0.249703	0.0103
10819690	Mcoln2	0.002115	0.9999	-0.290467	0.1271	-0.336166	0.0290	-0.276158	0.0857
10819705	Lpar3	-0.430290	0.8562	0.368280	0.4284	0.633474	0.0351	0.723349	0.0137
10819737	Gng5	0.319809	0.7375	0.456000	0.0209	0.638192	0.0003	0.616474	0.0004
10819787	Dnajb4	-0.210996	0.9247	0.451254	0.0403	0.539871	0.0044	0.619204	0.0009
10819816	Pigk	0.018845	0.9999	0.430774	0.0271	0.562433	0.0010	0.507082	0.0024
10819880	Negr1	-0.201497	0.7200	-0.112169	0.4941	-0.162268	0.1219	-0.310383	0.0012
10819905	Ptger3	-0.060567	0.9999	0.710930	0.0002	0.338390	0.0687	0.737118	0.0000
10819914	Ankrd13c	-0.157910	0.9926	0.548018	0.0872	0.636778	0.0166	0.763779	0.0030
10819946	Depdc1	-0.127061	0.9999	-0.949366	0.2077	-1.182463	0.0404	-1.798323	0.0011
10819975	Gpr177	-0.006887	0.9999	0.223013	0.2910	0.286303	0.0633	0.335523	0.0255
10820084	Fam81b	-0.212904	0.4009	-0.162545	0.1273	-0.181473	0.0360	-0.072345	0.5297
10820163	Pik3cb	-0.092675	0.9999	0.452359	0.1069	0.641356	0.0047	0.659699	0.0029
10820362	Msh3	0.017171	0.9999	-0.092845	0.7784	-0.147429	0.4083	-0.327502	0.0228
10820393	Fam151b	0.061896	0.9999	-0.077344	0.8615	-0.021635	0.9484	-0.372438	0.0306
10820434	Thbs4	0.018628	0.9999	0.356551	0.0097	0.213311	0.1084	0.079150	0.6772
10820548	Aggf1	0.166622	0.9475	0.198002	0.4444	0.355139	0.0315	0.233895	0.2062
10820567	---	-0.091751	0.9626	-0.091872	0.6598	-0.234058	0.0305	-0.014162	0.9494
10820713	Rgnef	0.058777	0.9999	-0.039102	0.9376	-0.195519	0.2917	-0.374598	0.0180
10820770	Fcho2	0.156529	0.9921	0.499401	0.1219	0.740681	0.0040	0.647010	0.0114
10820835	Map1b	0.043988	0.9999	1.070458	0.0008	1.071169	0.0004	1.009434	0.0006
10820865	Bdp1	-0.020839	0.9999	0.275570	0.3697	0.479878	0.0200	0.397007	0.0617
10821008	LOC684611	0.093119	0.9999	-0.903179	0.1086	-0.952791	0.0404	-1.298805	0.0035
10821016	Ccnb1	0.151874	0.9999	-1.355384	0.0738	-1.536632	0.0157	-2.238640	0.0003
10821587	Zfp131	-0.108357	0.9990	0.308934	0.3244	0.554454	0.0103	0.286995	0.2555
10821666	C7	0.670232	0.9209	-3.567266	0.0000	-4.174101	0.0000	-4.236844	0.0000
10821689	Ptger4	0.093760	0.9999	-0.631707	0.0044	-0.711673	0.0005	-0.699473	0.0005

10821698	Osmr	0.117458	0.9999	-1.175047	0.0020	-0.889639	0.0125	-1.087583	0.0017
10821771	Nipbl	0.298150	0.8614	0.247700	0.4889	0.505720	0.0200	0.341715	0.1501
10821822	LOC100362827	-0.045757	0.9999	-0.544108	0.0271	-0.481228	0.0288	-0.560299	0.0088
10821824	Slc1a3	-0.341455	0.9619	0.960555	0.0160	1.337806	0.0002	1.341441	0.0002
10821991	Npr3	0.635725	0.7312	-0.803961	0.0393	-0.974164	0.0038	-0.920223	0.0054
10822064	---	0.035323	0.9999	0.011584	0.9841	0.152613	0.3908	0.305317	0.0381
10822107	Fam105a	0.052054	0.9999	-0.331630	0.4379	-0.363750	0.2355	-0.629704	0.0198
10822184	6-Mar	0.101581	0.9921	0.192542	0.4599	0.329553	0.0463	0.283778	0.0998
10822330	Zbtb10	0.357394	0.7312	0.188203	0.5792	0.389037	0.0433	0.269716	0.2095
10822444	Pde7a	-0.020985	0.9999	0.551607	0.0298	0.367073	0.1222	0.175392	0.5714
10822558	Ect2	0.065493	0.9999	-0.848856	0.2840	-0.674324	0.3088	-1.440211	0.0095
10822637	Skil	-0.135557	0.9990	0.627265	0.0520	0.996203	0.0003	0.826695	0.0021
10822644	Prkci	0.032483	0.9999	0.305390	0.4484	0.674341	0.0075	0.335381	0.2559
10822837	Anxa5	-0.185960	0.8614	-0.126653	0.6221	-0.200020	0.1838	-0.294467	0.0332
10822852	Ccna2	0.180486	0.9999	-0.950009	0.0489	-1.021938	0.0133	-1.595236	0.0001
10822864	Bbs7	0.085308	0.9999	0.213469	0.5711	0.423982	0.0498	0.267671	0.2837
10822983	Pgrmc2	0.114384	0.9867	0.207666	0.3932	0.327341	0.0435	0.510372	0.0010
10823216	RGD1562629	0.148614	0.9963	0.539351	0.0958	0.558535	0.0388	0.472653	0.0940
10823252	RGD1562629	0.415250	0.8614	0.555608	0.1382	0.876019	0.0030	0.773085	0.0080
10823254	RGD1562629	0.167101	0.9921	0.490452	0.1756	0.862210	0.0019	0.522335	0.0728
10823276	RGD1562629	0.022547	0.9999	0.183096	0.5174	0.367445	0.0296	0.393458	0.0181
10823278	Tm4sf1	-0.045847	0.9999	-1.336727	0.0024	-1.212930	0.0032	-1.271132	0.0015
10823303	Pfn2	0.060389	0.9999	0.209830	0.4419	0.438705	0.0108	0.468331	0.0054
10823338	Siah2	-0.322955	0.7200	0.358058	0.0482	0.245805	0.1422	0.284260	0.0828
10823368	Igsf10	0.643410	0.7200	-0.645947	0.1137	-0.830818	0.0117	-1.010443	0.0016
10823456	RGD1565059	-0.139934	0.9525	-0.298520	0.0731	-0.490137	0.0005	-0.295363	0.0371
10823555	Rarres1	0.244194	0.8669	-0.276377	0.2894	-0.451772	0.0144	-0.490252	0.0068
10823591	Trim59	-0.018424	0.9999	-0.723720	0.0730	-0.776721	0.0229	-0.990231	0.0026
10823742	Golim4	0.136213	0.9921	-0.303709	0.3687	-0.338182	0.1696	-0.542506	0.0155
10823935	---	0.088991	0.9963	0.113856	0.7408	0.245555	0.1545	0.323644	0.0471
10823974	LOC679811	0.226555	0.9310	-0.296982	0.3415	-0.449631	0.0372	-0.388117	0.0830
10824010	Mnd1	0.009942	0.9999	-0.425783	0.0710	-0.478475	0.0158	-0.465636	0.0182
10824140	Fcrls	0.121997	0.9999	-0.626905	0.1153	-0.751455	0.0200	-0.605743	0.0709
10824165	Pear1	-0.019742	0.9999	-0.627861	0.0243	-0.585857	0.0187	-0.795475	0.0010
10824284	Tmem79	0.153970	0.9553	0.193905	0.4370	0.161279	0.4119	0.403560	0.0097
10824294	Pmf1	-0.040070	0.9999	-0.639004	0.0147	-0.988707	0.0000	-1.137739	0.0000
10824349	Syt11	-0.020055	0.9999	1.358687	0.0005	1.546734	0.0000	1.758877	0.0000
10824357	Msto1	0.088593	0.9985	-0.262043	0.2698	-0.265189	0.1488	-0.343016	0.0492
10824434	Rag1ap1	0.034978	0.9999	-0.383391	0.1773	-0.405989	0.0728	-0.443861	0.0470
10824499	Zbtb7b	0.077481	0.9998	0.334233	0.0806	0.415688	0.0089	0.468099	0.0025
10824513	Cks1b	-0.078220	0.9999	-0.311021	0.2051	-0.334007	0.0836	-0.555125	0.0020
10824541	---	-0.044139	0.9999	-0.188360	0.6738	-0.174449	0.5681	-0.471783	0.0399
10824548	---	-0.113503	0.9999	-0.284176	0.5354	-0.372915	0.2093	-0.540113	0.0473
10824550	---	0.054022	0.9999	-0.208126	0.6632	-0.217405	0.4918	-0.543813	0.0265
10824552	---	0.017963	0.9999	-0.196972	0.6414	-0.135447	0.6708	-0.470487	0.0341
10824596	Rps27	-0.021961	0.9999	0.010258	0.9915	-0.503697	0.0302	-0.028538	0.9530
10824611	Slc27a3	0.191660	0.9921	-0.827477	0.0168	-0.246988	0.5568	-0.821966	0.0073

10824680	Snapap	-0.021951	0.9999	-0.141042	0.6224	-0.191389	0.2782	-0.310184	0.0468
10824728	Spr3	0.284063	0.4507	0.147830	0.4197	0.224028	0.0640	0.275112	0.0186
10824758	Lce1l // Lce1l	0.158351	0.9525	-0.130063	0.6808	-0.341136	0.0332	-0.345148	0.0304
10824814	Oaz3	-0.031933	0.9999	0.026576	0.9318	0.000482	0.9980	0.234971	0.0213
10824860	Cgn	-0.021210	0.9999	0.171297	0.4949	0.116514	0.5685	0.303886	0.0497
10824892	Selenbp1	0.449299	0.8614	-1.271761	0.0002	-1.346545	0.0000	-1.128701	0.0004
10824904	---	0.189386	0.9620	0.380263	0.1516	0.355351	0.1034	0.462178	0.0266
10824926	Pip5k1a	0.052203	0.9999	0.247494	0.3150	0.448374	0.0086	0.333576	0.0595
10825003	LOC689873	0.158512	0.9058	0.197098	0.3105	0.358643	0.0079	0.350500	0.0084
10825022	Ecm1	-0.053973	0.9999	-0.256481	0.2701	-0.352748	0.0369	-0.273972	0.1295
10825144	Hist2h3c2	-0.031669	0.9999	-0.788122	0.0316	-0.971817	0.0024	-1.136556	0.0003
10825146	Hist2h2ab	0.000197	0.9999	-0.477187	0.1418	-0.647627	0.0114	-0.729670	0.0034
10825151	Hist2h4	0.006396	0.9999	-0.758237	0.1273	-1.152167	0.0036	-1.397165	0.0004
10825153	Fcgr1a	0.394627	0.8570	-0.855418	0.0038	-0.937806	0.0006	-0.576946	0.0388
10825236	Rpl38	-0.128427	0.9451	-0.155737	0.4275	-0.309230	0.0131	-0.161893	0.2702
10825349	Hsd3b6	0.136014	0.9582	0.145043	0.5609	0.291892	0.0419	0.035284	0.8945
10825375	Wdr3	-0.126172	0.9942	0.243912	0.5062	0.484473	0.0282	0.132477	0.6903
10825575	Olfml3	-0.006653	0.9999	-0.986230	0.0118	-1.334803	0.0002	-1.260214	0.0003
10825580	Hipk1	0.169304	0.9624	0.383836	0.0992	0.562881	0.0030	0.588835	0.0015
10825582	Hipk1	-0.010596	0.9999	0.374982	0.1781	0.450357	0.0380	0.340101	0.1469
10825636	Lrig2	0.136698	0.9795	0.222575	0.4241	0.369812	0.0410	0.278057	0.1557
10825702	Cttnbp2nl	-0.006935	0.9999	0.327326	0.3486	0.612482	0.0095	0.460797	0.0600
10825736	Adora3	-0.020246	0.9999	-0.118196	0.6544	-0.299665	0.0292	-0.242381	0.0922
10825809	Cd53	0.675558	0.7200	-0.905031	0.0136	-1.375279	0.0000	-1.238152	0.0002
10826082	Gpsm2	0.079835	0.9999	-0.608861	0.1231	-0.715174	0.0252	-0.696284	0.0291
10826249	Vcam1	0.163406	0.9999	-0.763069	0.1473	-0.797513	0.0613	-0.857231	0.0424
10826392	Lppr4	0.138140	0.9921	0.424479	0.0849	0.311898	0.1606	0.542772	0.0067
10826517	Usp53	0.165173	0.9968	0.319495	0.5322	0.734938	0.0133	0.623580	0.0395
10826561	Ndst3	0.112140	0.9999	-0.755011	0.0055	-0.973461	0.0001	-1.017204	0.0001
10826602	---	-0.131699	0.9867	-0.359336	0.1205	-0.428200	0.0224	-0.371882	0.0522
10826723	Enpep	-0.133965	0.9998	-0.613439	0.0577	-0.600182	0.0314	-0.636147	0.0207
10826897	RGD1311728	0.072743	0.9843	0.079968	0.6904	0.060306	0.6774	0.202013	0.0470
10826969	Bank1	0.132610	0.8541	0.072856	0.6891	0.020358	0.9034	0.211966	0.0182
10827105	Pkn2	0.095924	0.9942	0.187448	0.4936	0.412691	0.0120	0.204047	0.2973
10827129	Hs2st1	0.089069	0.9990	0.268467	0.2835	0.368845	0.0418	0.150159	0.5333
10827382	---	0.038426	0.9999	0.270291	0.5239	0.567569	0.0240	0.413836	0.1252
10827413	Msh4	-0.099328	0.8541	-0.110751	0.2187	-0.134639	0.0499	-0.045121	0.6474
10827505	Fpgt	-0.055737	0.9999	0.454821	0.0547	0.539677	0.0073	0.663748	0.0007
10827517	Cth	0.076812	0.9999	0.597008	0.1253	0.418866	0.2353	0.721973	0.0203
10827592	Clic2	0.292039	0.9624	-0.925968	0.0123	-0.997962	0.0028	-1.029162	0.0016
10827686	RT1-M6-1	-0.254844	0.8997	-0.363776	0.1901	-0.506448	0.0166	-0.425404	0.0495
10827701	Ppp1r1l	0.058117	0.9990	0.243749	0.0741	0.127229	0.3548	0.237101	0.0421
10827708	Trim40	-0.285229	0.7312	-0.250127	0.2293	-0.322431	0.0388	-0.235848	0.1662
10827796	RT1-N3	0.070724	0.9999	-0.438397	0.0388	-0.556680	0.0024	-0.504883	0.0050
10827835	RT1-T24-1	0.070476	0.9999	-0.477309	0.0532	-0.403741	0.0640	-0.508963	0.0154
10827846	Abcf1	-0.045132	0.9999	0.226627	0.3038	0.322529	0.0404	0.225976	0.1946
10828032	Aif1	0.238676	0.9287	-0.592603	0.0148	-0.754828	0.0006	-0.554145	0.0107

10828111	G6b	-0.299579	0.7016	-0.203523	0.3014	-0.294649	0.0357	-0.069443	0.7558
10828229	C4-2	-0.044314	0.9999	-0.117013	0.4613	-0.187368	0.0654	-0.223808	0.0234
10828316	Rnf5	0.038535	0.9999	0.138831	0.5909	0.276631	0.0593	0.326928	0.0219
10828357	Psmb9	0.119765	0.9990	-0.539782	0.0578	-0.471303	0.0585	-0.630748	0.0081
10828433	Rps18	-0.096237	0.9999	-0.255967	0.4996	-0.589693	0.0091	-0.524654	0.0205
10828440	B3gal14	0.101954	0.9921	-0.177792	0.4635	-0.229642	0.1592	-0.333556	0.0272
10828447	Kifc1	-0.036578	0.9999	-0.412860	0.0730	-0.634266	0.0010	-0.660056	0.0005
10828477	Syngap1	-0.003979	0.9999	0.262788	0.0796	0.363704	0.0035	0.407398	0.0008
10828614	---	-0.032157	0.9999	0.399837	0.0531	0.531247	0.0026	0.374473	0.0369
10828737	Rpl10a	-0.014870	0.9999	-0.216550	0.2052	-0.464423	0.0003	-0.518830	0.0001
10828827	Cdkn1a	-0.188977	0.9819	0.269524	0.5376	0.653397	0.0096	0.730230	0.0030
10828854	Pi16	0.106636	0.9936	-0.425223	0.0413	-0.402113	0.0276	-0.625359	0.0004
10828892	Tbc1d22b	-0.018635	0.9999	0.542186	0.0003	0.399164	0.0043	0.574301	0.0000
10829082	Abcg1	-0.099947	0.9999	-0.275277	0.4403	-0.780391	0.0005	-0.875234	0.0001
10829367	Adarb1	-0.112587	0.9999	0.600802	0.0714	0.645664	0.0219	0.353127	0.2861
10829437	Col6a1	0.180423	0.9990	-1.544169	0.0000	-1.640986	0.0000	-2.208240	0.0000
10829470	Col6a2	0.154171	0.9998	-1.208783	0.0003	-1.397776	0.0000	-1.681855	0.0000
10829676	---	-0.009977	0.9999	-0.078950	0.9221	-0.050858	0.9239	0.596046	0.0343
10829713	Bicc1	0.188238	0.9867	-0.976210	0.0005	-1.228400	0.0000	-1.541131	0.0000
10829761	Cdc2	0.072074	0.9999	-0.918044	0.1743	-1.000185	0.0616	-1.832541	0.0003
10829780	Arid5b	0.034352	0.9999	0.427757	0.2144	0.656553	0.0107	0.593626	0.0210
10829791	Zfp365	-0.077581	0.9999	0.437736	0.0747	0.429128	0.0405	0.122783	0.6970
10829965	Spock2	-0.101315	0.9999	0.321993	0.3641	0.394944	0.1176	0.505351	0.0360
10829993	MGC112715	0.126319	0.9525	-0.440928	0.0010	-0.462697	0.0003	-0.532066	0.0000
10830174	Pln	0.156617	0.9632	0.250177	0.3696	0.338117	0.0819	0.457417	0.0129
10830230	Smpd13a	0.370339	0.8562	-0.731898	0.0088	-0.803047	0.0016	-0.764447	0.0021
10830253	Dse	0.028568	0.9999	-0.428968	0.0613	-0.344182	0.0920	-0.652575	0.0006
10830303	Hdac2	0.208425	0.8614	0.198980	0.3696	0.322575	0.0314	0.208954	0.2166
10830369	Tube1	-0.026072	0.9999	-0.175977	0.5663	-0.325187	0.0680	-0.373350	0.0321
10830398	Traf3ip2	-0.010100	0.9999	-0.354197	0.0155	-0.488752	0.0003	-0.464258	0.0004
10830699	Ascc3	0.157208	0.9795	0.354072	0.1868	0.413237	0.0481	0.270576	0.2564
10830857	Gabbr1	0.088504	0.9998	0.282256	0.2735	0.544347	0.0030	0.489695	0.0067
10830888	Zfp57	-0.147619	0.9977	0.457420	0.2240	0.488786	0.0953	0.563638	0.0490
10830989	Ppp1r10	0.049575	0.9999	0.159672	0.6613	0.410854	0.0292	0.301498	0.1379
10831011	Dhx16	-0.052544	0.9999	0.165126	0.3137	0.237545	0.0406	0.130286	0.3507
10831041	Mdc1	-0.018144	0.9999	-0.394795	0.0392	-0.387639	0.0203	-0.603954	0.0002
10831077	Ier3	-0.475070	0.7312	0.519009	0.0905	0.660957	0.0088	0.698629	0.0046
10831247	G7c	-0.115902	0.9965	0.637028	0.0044	0.519056	0.0122	0.672347	0.0009
10831300	Neu1	-0.090479	0.9921	1.052141	0.0000	0.908462	0.0000	1.047542	0.0000
10831332	Ehmt2	0.190345	0.8176	0.235488	0.1185	0.286998	0.0186	0.228686	0.0713
10831595	Psmb8	0.154315	0.9659	-0.287109	0.2860	-0.414071	0.0326	-0.355214	0.0762
10831620	RT1-DMb	0.257568	0.9620	-0.732614	0.0176	-0.486839	0.0958	-0.664018	0.0166
10831628	RT1-DMa	0.144235	0.9921	-0.318605	0.2880	-0.522037	0.0139	-0.359587	0.1166
10831909	Tead3	-0.125130	0.9942	0.516616	0.0332	0.480165	0.0251	0.660644	0.0014
10832163	Wdr4	-0.152390	0.9620	0.182432	0.5171	0.337594	0.0471	0.143564	0.5190
10832306	Itgb2	0.487546	0.8541	-1.148994	0.0011	-1.352509	0.0001	-1.085778	0.0008
10832341	Slc19a1	-0.120216	0.9699	0.230601	0.2777	0.204172	0.2335	0.355117	0.0186

10832404	Mcm3ap	0.043643	0.9999	0.190378	0.5842	0.444593	0.0220	0.185913	0.4563
10832693	Fam13c1	-0.146763	0.8973	-0.231119	0.1230	-0.288183	0.0166	-0.168237	0.2214
10832790	Rtkn2	-0.133930	0.9955	-0.276334	0.4763	-0.429001	0.0829	-0.499598	0.0375
10832802	Egr2	-0.367077	0.8541	-0.467164	0.1365	-0.684041	0.0057	-0.758720	0.0017
10832808	Jmjd1c	0.088130	0.9999	0.553405	0.0126	0.565848	0.0046	0.579875	0.0030
10832829	Jmjd1c	0.207906	0.9852	0.495114	0.1874	0.580157	0.0474	0.537534	0.0722
10832831	Jmjd1c	0.132375	0.9972	0.547121	0.0563	0.706744	0.0037	0.740927	0.0018
10832833	Jmjd1c	0.138302	0.9999	0.582950	0.1389	0.719338	0.0219	0.446507	0.2067
10832934	Chst3	-0.184823	0.9819	0.012030	0.9903	0.693955	0.0044	0.371212	0.1733
10833005	Slc29a3	0.136466	0.9784	-0.526494	0.0059	-0.756035	0.0000	-0.557591	0.0012
10833047	Adams14	-0.081999	0.9998	0.371480	0.0731	0.175858	0.4163	0.403742	0.0199
10833093	H2afy2	0.005719	0.9999	-0.328969	0.2371	-0.598700	0.0033	-0.588418	0.0031
10833152	Csrp2	-0.071455	0.9999	0.995710	0.0110	0.671509	0.0680	0.708233	0.0537
10833451	Serinc1	-0.001240	0.9999	0.171067	0.5128	0.235990	0.1621	0.340440	0.0295
10833492	Ranbp2	0.131589	0.9925	0.278932	0.4176	0.499018	0.0252	0.344451	0.1573
10833617	RGD1561777	0.069020	0.9999	-0.243701	0.2675	-0.414240	0.0085	-0.259363	0.1299
10833668	Gpbp1l1	0.083700	0.9999	0.290207	0.2895	0.435145	0.0267	0.337489	0.1037
10833738	Ccdc162	-0.097179	0.9653	-0.143542	0.4412	-0.192408	0.1253	-0.274727	0.0193
10834005	Ptgrfr	0.156356	0.9999	0.594160	0.2555	0.847713	0.0263	0.563441	0.1824
10834109	Il1rn	0.314577	0.9795	-0.836777	0.0922	-1.009152	0.0133	-0.883843	0.0323
10834204	LOC680531	-0.200660	0.8945	-0.437009	0.0139	-0.677617	0.0000	-0.586258	0.0002
10834225	Npdc1	0.048076	0.9999	-0.154453	0.6902	-0.228494	0.3109	-0.406995	0.0362
10834241	Abca2	0.212444	0.9620	0.216077	0.6077	0.253702	0.3547	0.493605	0.0320
10834549	Nelf	0.109233	0.9953	-0.103164	0.8275	-0.248582	0.2624	-0.433238	0.0253
10834604	---	-0.258110	0.9630	-0.375559	0.4275	-0.431274	0.1981	-0.682801	0.0238
10834668	---	-0.023713	0.9999	0.063548	0.9070	0.424692	0.0281	0.323923	0.1158
10834731	Col5a1	-0.006160	0.9999	-0.330003	0.6340	-0.831123	0.0233	-0.914404	0.0107
10834817	Ralgds	0.166666	0.9620	-0.257635	0.3153	-0.243392	0.2251	-0.388115	0.0309
10834837	Tsc1	-0.020249	0.9999	0.060510	0.8994	0.363318	0.0354	0.195034	0.3492
10834908	Setx	0.226231	0.9624	0.291427	0.5087	0.547058	0.0404	0.258841	0.4425
10835054	Spna2	0.143961	0.9777	0.253768	0.3599	0.432114	0.0211	0.309587	0.1246
10835158	Phyhd1	-0.063171	0.9999	-0.670784	0.0069	-0.704736	0.0020	-0.918420	0.0001
10835268	Usp20	-0.001411	0.9999	0.463389	0.0630	0.663537	0.0016	0.652272	0.0015
10835498	Ppapdc3	-0.050339	0.9999	0.255528	0.5384	0.420367	0.0955	0.562133	0.0189
10835645	LOC499782	-0.023213	0.9999	-0.222627	0.2457	-0.357483	0.0105	-0.403853	0.0030
10835831	---	0.134633	0.9328	0.147886	0.4829	0.033079	0.8874	0.277861	0.0313
10835914	Rabgap1	0.200294	0.9247	0.300007	0.2148	0.485206	0.0070	0.277345	0.1667
10835964	Nek6	0.091474	0.9998	-0.282298	0.3007	-0.562390	0.0032	-0.514178	0.0061
10835987	---	0.052618	0.9999	0.258760	0.5687	0.561584	0.0291	0.401644	0.1511
10836083	LOC311026	0.053612	0.9999	0.261359	0.3889	0.403240	0.0475	0.299335	0.1788
10836249	---	-0.253480	0.7989	-0.202156	0.3965	-0.369840	0.0179	-0.168378	0.3838
10836321	Pkp4	-0.069110	0.9999	0.132483	0.7279	0.284619	0.1397	0.421749	0.0182
10836515	B3galt1	-0.120803	0.9999	0.621193	0.0362	0.306508	0.3139	0.358325	0.2273
10836650	RGD1565257	0.051426	0.9999	0.149319	0.5268	0.353765	0.0103	0.190804	0.2299
10836661	RGD1565257	0.107925	0.9921	0.234174	0.3431	0.367063	0.0308	0.255283	0.1719
10836719	LOC499806	-0.161554	0.7668	-0.123272	0.3841	-0.251726	0.0067	-0.182119	0.0591
10836849	Itga6	-0.516586	0.8112	0.768152	0.0430	0.810058	0.0132	0.890877	0.0054

10836890	Rapgef4	-0.395018	0.8669	0.807601	0.0147	0.585420	0.0572	0.354989	0.3272
10836923	RGD1561394	-0.045989	0.9999	0.212639	0.2651	0.290719	0.0366	0.254296	0.0765
10837050	Agps	-0.051840	0.9999	-0.211355	0.4042	-0.127680	0.5655	-0.355498	0.0321
10837439	Olr453	-0.286855	0.3730	-0.249599	0.0549	-0.278420	0.0120	-0.245119	0.0284
10837794	Sfpi1	0.066599	0.9999	-0.490842	0.0142	-0.418785	0.0217	-0.384839	0.0359
10837881	Lrp4	0.110479	0.9968	0.402190	0.1005	0.603817	0.0025	0.330447	0.1284
10837921	Ckap5	0.185851	0.9653	-0.355857	0.2600	-0.421664	0.0741	-0.535866	0.0180
10837974	Nyw1	0.100454	0.9731	0.186834	0.3066	0.270248	0.0372	0.221660	0.1042
10838022	Pex16	-0.059065	0.9999	-0.116205	0.6782	-0.287252	0.0447	-0.096718	0.6358
10838100	Traf6	0.026529	0.9999	0.169084	0.6881	0.424308	0.0469	0.233695	0.3630
10838155	Cat	0.026114	0.9999	0.265761	0.5784	0.560484	0.0384	0.636811	0.0162
10838170	Abtb2	-0.128995	0.9942	0.235037	0.5322	0.494655	0.0252	0.261075	0.3233
10838242	Wt1	0.002684	0.9999	-0.275761	0.3869	-0.364584	0.0976	-0.477732	0.0227
10838282	---	-0.293433	0.9201	-0.485060	0.1422	-0.591558	0.0246	-0.551896	0.0367
10838354	Lgr4	0.266948	0.9570	0.385405	0.3377	0.654291	0.0177	0.470317	0.1110
10838373	Ccdc34	0.108079	0.9999	-0.315635	0.4551	-0.528494	0.0507	-0.601467	0.0227
10838451	Lpcat4	-0.070249	0.9942	0.410443	0.0013	0.422256	0.0005	0.493614	0.0000
10838647	Bub1b	0.176200	0.9998	-0.860207	0.0413	-0.935592	0.0102	-1.217377	0.0006
10838694	Traf4af1	0.073941	0.9999	-0.835282	0.0954	-0.862328	0.0389	-1.160922	0.0037
10838733	Casc5	0.253457	0.9999	-0.872368	0.2440	-0.883848	0.1307	-1.553264	0.0035
10838741	Casc5	0.114682	0.9999	-0.645993	0.5365	-1.124836	0.0729	-1.557289	0.0089
10838745	Casc5	0.200174	0.9999	-0.717442	0.2221	-0.911995	0.0402	-1.229341	0.0038
10838762	Rad51	-0.028208	0.9999	-0.508531	0.5719	-0.808266	0.1335	-1.433970	0.0034
10838772	Gchfr	-0.222330	0.8622	-0.239676	0.3179	-0.367698	0.0289	-0.106886	0.6681
10838843	Nusap1	0.034550	0.9999	-1.246596	0.0480	-1.356463	0.0120	-1.919542	0.0003
10838902	Mga	0.294534	0.8562	0.111223	0.8232	0.418500	0.0431	0.272661	0.2475
10839090	Ccndbp1	0.053734	0.9999	0.436997	0.1901	0.529475	0.0401	0.388422	0.1673
10839135	Map1a	-0.106634	0.9977	0.317211	0.2538	0.361624	0.0854	0.504443	0.0110
10839238	Trim69	-0.080025	0.9620	-0.098347	0.5081	-0.073752	0.5281	-0.215419	0.0138
10839400	Rpl32	-0.028700	0.9999	-0.139050	0.6631	-0.345307	0.0368	-0.379553	0.0194
10839508	Blvra	-0.183832	0.9867	-0.547728	0.0791	-0.600785	0.0219	-0.660957	0.0099
10839622	Mrps5	-0.039926	0.9999	-0.109770	0.7235	-0.187192	0.2694	-0.307900	0.0394
10839655	Bcl2l11	0.515712	0.7312	-0.505349	0.1435	-0.543841	0.0514	-0.584379	0.0339
10839790	Sirpa	0.209670	0.9310	-0.643594	0.0020	-0.792695	0.0001	-0.655183	0.0006
10839947	Mrps26	0.009491	0.9999	-0.186496	0.4602	-0.385871	0.0137	-0.493488	0.0012
10840007	Hspa12b	-0.022462	0.9999	-0.352343	0.0468	-0.340587	0.0272	-0.298162	0.0586
10840020	Cdc25b	0.110124	0.9999	-0.463396	0.2344	-0.633385	0.0292	-0.514519	0.0906
10840076	Prnp	-0.086716	0.9999	0.564344	0.1280	0.730763	0.0134	0.693901	0.0189
10840131	Crls1	0.215874	0.9589	0.331685	0.3049	0.472167	0.0404	0.540250	0.0164
10840415	RGD1566320	0.170843	0.9707	0.482234	0.0565	0.469581	0.0316	0.482814	0.0259
10840431	Slc24a3	-0.098562	0.9968	-0.254091	0.3194	-0.465138	0.0083	-0.144306	0.5516
10840475	---	0.030038	0.9999	0.153335	0.4064	0.108353	0.4835	0.282418	0.0178
10840595	---	0.056750	0.9999	0.259460	0.2723	0.243167	0.1943	0.373595	0.0282
10840721	Gins1	0.032252	0.9999	-0.517957	0.2457	-0.624927	0.0625	-0.859469	0.0071
10840791	Srxn1	0.037745	0.9999	0.075186	0.8442	0.220524	0.1883	0.333850	0.0291
10840861	Rem1	0.069792	0.9999	-0.512594	0.0333	-0.598498	0.0044	-0.499377	0.0175
10840910	Tpx2	0.222770	0.9990	-0.785008	0.1775	-0.970799	0.0320	-1.254538	0.0039

10840975	Hck	0.247989	0.8973	-0.155774	0.7143	-0.444084	0.0315	-0.212765	0.4074
10841579	MyI9	-0.194004	0.9921	-0.323215	0.5387	-0.610832	0.0498	-0.882587	0.0028
10841586	RGD1564927	0.073595	0.9999	0.271043	0.3461	0.441070	0.0253	0.294245	0.1777
10841693	Lbp	0.167015	0.9999	-0.760859	0.1528	-1.278259	0.0020	-0.753706	0.0857
10841720	---	0.009876	0.9999	0.183875	0.4637	0.359576	0.0216	0.346665	0.0264
10841800	Fam83d	-0.055493	0.9999	-1.108090	0.0119	-1.357375	0.0007	-1.743035	0.0000
10841974	Mybl2	0.162807	0.9999	-0.484191	0.3629	-0.646367	0.0829	-1.008636	0.0037
10842043	Wisp2	0.282186	0.9867	-1.296602	0.0020	-1.451361	0.0003	-1.329922	0.0005
10842187	Ube2c	-0.097986	0.9998	-0.468219	0.0460	-0.550506	0.0062	-0.690686	0.0005
10842193	---	-0.116508	0.9981	0.257146	0.4836	0.406236	0.0800	0.450804	0.0482
10842436	Rpl38	-0.120670	0.9620	-0.143277	0.5070	-0.284000	0.0289	-0.166273	0.2705
10842500	RGD1562846	-0.574334	0.8541	1.007912	0.0202	1.072263	0.0056	1.005331	0.0086
10842682	---	-0.193207	0.8437	-0.207957	0.2218	-0.289907	0.0230	-0.270909	0.0341
10842776	---	0.252519	0.9544	0.400685	0.2627	0.564776	0.0300	0.236887	0.4848
10842811	Slco4a1	0.141744	0.9734	0.222892	0.4358	0.256392	0.2051	0.367392	0.0481
10842885	Slc17a9	-0.067671	0.9990	-0.326325	0.0355	-0.376326	0.0052	-0.335747	0.0120
10843013	Zgpat	0.032439	0.9999	0.073306	0.8003	0.317281	0.0094	0.105354	0.5208
10843424	Dpp7	0.391456	0.6081	-0.241571	0.3545	-0.244516	0.2158	-0.383852	0.0308
10843438	Uap111	0.490649	0.4002	-0.621082	0.0031	-0.646585	0.0009	-0.995763	0.0000
10843575	Fcn1	-0.096797	0.9921	-0.327999	0.0840	-0.372552	0.0186	-0.202763	0.2747
10843615	Camsap1	-0.071143	0.9999	0.350626	0.0522	0.491729	0.0014	0.429955	0.0043
10843711	Snape4	0.157843	0.9106	0.298621	0.0624	0.309760	0.0238	0.281022	0.0426
10844112	Zdhc12	0.069184	0.9998	0.253334	0.1754	0.132821	0.4712	0.312139	0.0314
10844302	Dnm1	0.009909	0.9999	-0.293695	0.1145	-0.375587	0.0122	-0.271936	0.0864
10844355	Cdk9	-0.001259	0.9999	0.043735	0.9228	0.355639	0.0231	0.273703	0.0977
10844390	Stxbp1	0.067609	0.9999	0.271995	0.2931	0.426855	0.0203	0.395746	0.0321
10844482	---	-0.089475	0.9999	0.359364	0.1845	0.444446	0.0341	0.317581	0.1665
10844502	Zbtb34	0.177064	0.9620	0.183472	0.6091	0.399982	0.0427	0.140276	0.6137
10844542	Gapvd1	0.063913	0.9999	0.240553	0.2735	0.495529	0.0016	0.289654	0.0793
10844587	Psmd5	-0.028078	0.9999	0.110811	0.8437	0.494576	0.0282	0.279629	0.2898
10844666	Stom	0.166901	0.9990	-0.976248	0.0072	-1.059493	0.0015	-1.081490	0.0009
10844681	LOC652927	-0.246651	0.7200	-0.191309	0.2251	-0.237619	0.0468	-0.156032	0.2513
10844779	Rc3h2	0.022734	0.9999	0.334993	0.0958	0.531073	0.0012	0.417427	0.0102
10845130	Rbm43	-0.024977	0.9999	-0.153413	0.5771	-0.316401	0.0431	-0.400473	0.0079
10845368	---	0.170952	0.9223	0.288687	0.1347	0.205613	0.2358	0.353812	0.0208
10845384	Nr4a2	-0.053548	0.9999	-0.369934	0.1901	-0.350383	0.1259	-0.487324	0.0234
10845407	Cytip	-0.202717	0.9942	1.030336	0.0069	0.611429	0.0976	0.441335	0.2893
10845429	Acvr1	0.039299	0.9999	0.493652	0.0692	0.488720	0.0351	0.604481	0.0070
10845470	Baz2b	0.250382	0.9421	0.469253	0.1159	0.589435	0.0142	0.453047	0.0715
10845508	Cd302	0.425757	0.8045	-0.783502	0.0063	-0.846307	0.0013	-0.905305	0.0005
10845767	Cobll1	0.338409	0.8045	0.074464	0.9006	0.376194	0.0887	0.591991	0.0039
10845859	Scn1a	-0.115048	0.9999	-0.117109	0.8544	-0.259411	0.3939	-0.545953	0.0286
10845917	Scn7a	0.072807	0.9999	-0.232058	0.3167	-0.406319	0.0114	-0.452918	0.0038
10845969	Spc25	-0.127741	0.9999	-1.016411	0.0602	-1.271431	0.0054	-1.650697	0.0003
10846061	Fastkd1	0.084112	0.9990	0.307275	0.1662	0.343223	0.0512	0.398396	0.0200
10846201	Wipfl	0.071159	0.9998	-0.285144	0.1321	-0.294051	0.0577	-0.337716	0.0257
10846346	---	0.405217	0.9447	0.775694	0.1097	0.799260	0.0469	0.830804	0.0373

10846740	Frzb	0.181836	0.9223	-0.420052	0.0210	-0.467314	0.0039	-0.418505	0.0091
10846854	Serping1	0.524765	0.7989	-0.813804	0.0241	-1.244623	0.0001	-0.860724	0.0061
10846928	---	-0.009454	0.9999	-0.482902	0.5024	-1.150315	0.0071	-1.274033	0.0022
10846942	Olr476	-0.169969	0.7905	-0.233133	0.0471	-0.191927	0.0655	-0.169163	0.1208
10847062	---	-0.362952	0.2902	-0.198657	0.3038	-0.276272	0.0458	-0.089470	0.6573
10847283	Ndufs3	0.030640	0.9999	-0.193162	0.6293	-0.419994	0.0525	-0.434564	0.0440
10847291	Ptpmt1	-0.078689	0.9999	-0.385157	0.2172	-0.406416	0.0962	-0.513626	0.0285
10847408	---	0.023828	0.9999	0.410216	0.1984	0.426088	0.0920	0.574039	0.0167
10847410	Harbi11	0.126292	0.9653	0.639669	0.0001	0.545781	0.0004	0.723026	0.0000
10847474	Creb3l1	0.181697	0.9968	-0.672467	0.0947	-1.015582	0.0020	-1.062287	0.0009
10847572	Cd82	0.031097	0.9999	-0.767994	0.0471	-0.998063	0.0026	-0.994208	0.0021
10847646	Hsd17b12	-0.096089	0.9990	-0.315471	0.2218	-0.299989	0.1478	-0.427789	0.0266
10847745	Ldlrad3	-0.137135	0.9830	0.142313	0.7139	0.071474	0.8166	0.431564	0.0199
10847932	Depdc7	0.022996	0.9999	0.129231	0.7463	0.168392	0.4744	0.592079	0.0009
10847957	Prrg4	-0.377344	0.9544	0.841925	0.0624	1.160804	0.0024	0.893701	0.0193
10847995	Rpl35a	0.030974	0.9999	-0.048033	0.9394	-0.402053	0.0474	-0.279436	0.2176
10848038	Fibin	-0.213616	0.9999	1.471937	0.0039	1.542469	0.0011	1.608834	0.0005
10848042	Ano3	-0.140285	0.9998	0.084853	0.9216	0.929816	0.0017	0.525405	0.0975
10848281	Grem1	-0.110703	0.9921	-0.781705	0.0001	-0.899443	0.0000	-0.469253	0.0088
10848287	Scg5	-0.074882	0.9998	0.151153	0.6057	0.041588	0.8862	0.357029	0.0253
10848293	Arhgap11a	-0.039309	0.9999	-0.582358	0.4301	-0.807234	0.1020	-1.547747	0.0007
10848486	RGD1565536	-0.219421	0.9630	0.589166	0.0497	0.543914	0.0376	0.605889	0.0182
10848516	Dnajc17	-0.022496	0.9999	-0.047145	0.9319	-0.096799	0.7233	-0.408779	0.0247
10848589	Oip5	0.110936	0.9999	-0.487807	0.4520	-0.647297	0.1377	-0.877033	0.0326
10848860	Cdan1	0.111188	0.9653	0.086940	0.7787	0.376493	0.0049	0.153010	0.3541
10848908	RGD1562326	0.233839	0.9010	0.342448	0.1818	0.435541	0.0284	0.322402	0.1308
10849020	Tp53bp1	-0.044126	0.9999	0.310350	0.0495	0.498373	0.0003	0.258067	0.0676
10849048	Hisppd2a	-0.456151	0.8945	0.682260	0.1418	0.835899	0.0237	0.683987	0.0743
10849156	Frmf5	-0.057451	0.9999	0.703157	0.0741	0.758324	0.0227	0.282450	0.5241
10849228	---	-0.071021	0.9999	-0.351702	0.1825	-0.320331	0.1398	-0.602345	0.0021
10849290	Gatm	-0.278231	0.9136	-0.571550	0.0408	-0.920190	0.0002	-0.839364	0.0004
10849327	Fbn1	0.284410	0.9853	-0.199289	0.8395	-0.454109	0.3291	-0.855326	0.0306
10849472	RGD1359452	0.030975	0.9999	-0.249083	0.2573	-0.189041	0.3109	-0.373102	0.0182
10849488	Atp8b4	-0.048097	0.9999	-0.209279	0.1983	-0.298971	0.0150	-0.200715	0.1332
10849614	---	0.019621	0.9999	-0.840597	0.2580	-0.955388	0.0888	-1.683081	0.0012
10849695	---	0.093247	0.9934	0.159992	0.5691	0.388504	0.0133	0.375531	0.0166
10849737	Bub1	-0.100579	0.9999	-1.260109	0.0158	-1.245456	0.0082	-1.899740	0.0001
10849823	Ckap2l	-0.222784	0.9921	-0.677555	0.1434	-0.772778	0.0370	-1.207261	0.0007
10849889	Cpxm1	0.537722	0.7200	-0.507570	0.1403	-0.490914	0.0840	-0.896402	0.0007
10850104	Slc23a2	0.058877	0.9999	0.311697	0.3659	0.627024	0.0064	0.508392	0.0288
10850131	Pcna	-0.018408	0.9999	-0.430621	0.3350	-0.400303	0.2518	-0.800794	0.0077
10850228	Jag1	0.557360	0.8614	-0.559244	0.3288	-0.257472	0.6465	-0.932510	0.0176
10850257	---	-0.042426	0.9999	-0.499055	0.0316	-0.518633	0.0108	-0.522165	0.0092
10850390	Snx5	0.057497	0.9999	-0.374288	0.1429	-0.436829	0.0323	-0.587445	0.0027
10850490	RGD1308023	0.223018	0.9620	0.469980	0.1129	0.510774	0.0356	0.565215	0.0179
10850494	RGD1308023	0.213293	0.9570	0.201512	0.6282	0.463655	0.0379	0.336065	0.1689
10850541	---	-0.121814	0.9999	0.152643	0.9142	1.570585	0.0015	0.861569	0.1037

10850543	Napb	-0.065872	0.9999	0.128794	0.9058	1.210923	0.0015	0.954731	0.0117
10850555	Cst11	0.160341	0.8614	0.113622	0.5993	0.128347	0.3697	0.311382	0.0072
10850688	Ninl	0.009343	0.9999	-0.049392	0.9148	-0.082539	0.7401	-0.370418	0.0221
10850837	Foxs1	-0.009118	0.9999	-0.334883	0.2528	-0.479211	0.0252	-0.474731	0.0259
10850949	E2f1	-0.109324	0.9999	-0.465219	0.2961	-0.460639	0.1820	-1.172993	0.0002
10850979	Ahcy	-0.095558	0.9921	-0.184650	0.4275	-0.177940	0.3073	-0.333538	0.0250
10851004	Ncoa6	0.203937	0.9482	0.289656	0.3133	0.293744	0.1802	0.435832	0.0305
10851251	Dsn1	-0.101323	0.9999	-0.428086	0.4901	-0.758624	0.0477	-0.886010	0.0176
10851280	Rbl1	-0.089990	0.9999	-0.510001	0.0730	-0.739964	0.0018	-0.933772	0.0001
10851364	RGD1563354	-0.216974	0.9038	-0.593965	0.0025	-0.800500	0.0000	-0.628359	0.0005
10851378	---	-0.272174	0.8945	-0.270011	0.4373	-0.548559	0.0125	-0.339625	0.1643
10851386	Rpl13	-0.021987	0.9999	-0.119630	0.5963	-0.147723	0.3099	-0.249913	0.0490
10851407	Chd6	0.299278	0.8614	0.302542	0.3484	0.567368	0.0093	0.300940	0.2320
10851502	Serinc3	0.071107	0.9998	0.191700	0.4071	0.375107	0.0120	0.438593	0.0025
10851670	Pltp	0.571229	0.7200	-0.913861	0.0034	-1.086622	0.0002	-1.186486	0.0000
10851689	Zfp335	0.132883	0.9921	0.213994	0.5352	0.437828	0.0307	0.352855	0.0977
10851715	Ncoa5	0.128792	0.9653	-0.055454	0.9012	-0.258977	0.1227	-0.422430	0.0062
10851947	Ptgis	-0.281320	0.9620	0.549665	0.1549	0.763529	0.0111	0.586247	0.0598
10851960	Spata2	0.155232	0.9620	0.595883	0.0007	0.442775	0.0071	0.680073	0.0000
10851991	Adnp	0.212342	0.8614	0.150302	0.5904	0.306689	0.0525	0.343138	0.0269
10852091	Aurka	0.068147	0.9999	-0.748391	0.1861	-1.061497	0.0137	-1.127841	0.0078
10852144	Pmepa1	-0.353292	0.9250	0.776721	0.0355	0.803164	0.0125	0.805277	0.0113
10852270	Lama5	0.188440	0.9921	0.978356	0.0013	1.168488	0.0001	1.306045	0.0000
10852394	Dido1	0.048253	0.9999	0.114503	0.7839	0.401641	0.0281	0.226965	0.2896
10852415	Ythdf1	-0.016611	0.9999	0.116629	0.6049	0.197840	0.1307	0.260924	0.0354
10852554	Uckl1	0.008557	0.9999	0.227425	0.2051	0.342112	0.0112	0.341023	0.0104
10852620	Bdnf	-0.491439	0.4739	0.366063	0.1814	0.585318	0.0050	0.492012	0.0185
10852636	Sqrdl	-0.193004	0.9038	-0.223488	0.3581	-0.380154	0.0210	-0.244768	0.1808
10852740	Rpl10a	-0.004173	0.9999	-0.222763	0.1671	-0.455060	0.0003	-0.511651	0.0000
10853202	Phtf2	0.071008	0.9999	0.376859	0.3084	0.574648	0.0278	0.439174	0.1137
10853324	Abcb1b	-0.022236	0.9999	-0.982308	0.0155	-0.424854	0.3295	-0.852197	0.0200
10853467	---	0.127031	0.9921	0.252140	0.4243	0.404789	0.0498	0.266329	0.2571
10853471	Cyp51	0.000163	0.9999	0.248353	0.5744	0.492433	0.0513	0.565483	0.0217
10853481	Ankib1	0.101285	0.9990	0.455895	0.0592	0.549617	0.0072	0.486225	0.0175
10853508	Gatad1	0.043116	0.9999	-0.165200	0.4338	-0.162848	0.2985	-0.396480	0.0023
10853554	Gng11	-0.035904	0.9999	-0.354432	0.0784	-0.365184	0.0319	-0.158081	0.4718
10853637	Asb4	-0.065724	0.9999	-1.124455	0.0004	-1.137893	0.0002	-1.091516	0.0002
10853797	Tes	-0.229344	0.9734	0.817199	0.0110	0.699570	0.0171	0.729565	0.0115
10853816	Cav1	0.009984	0.9999	-1.166568	0.0095	-1.244339	0.0024	-1.375147	0.0006
10854100	Fam71f1	-0.388543	0.3730	-0.297867	0.1092	-0.305411	0.0476	-0.307767	0.0462
10854199	Tspan33	-0.105308	0.9653	0.098333	0.7102	0.092269	0.5997	0.334296	0.0075
10854208	Smo	0.168939	0.9921	-0.337517	0.4358	-0.347528	0.2736	-0.566019	0.0436
10854286	RGD1559502	0.141735	0.9620	0.038983	0.9363	0.372572	0.0183	0.175944	0.3628
10854544	Chrm2	0.473918	0.8614	0.475595	0.3631	0.621947	0.0907	0.748918	0.0346
10854601	Ubn2	0.118196	0.9921	0.406119	0.0780	0.505531	0.0084	0.461004	0.0159
10854645	Tbxas1	0.067072	0.9999	-0.335204	0.0739	-0.365066	0.0211	-0.392979	0.0113
10854685	LOC679651	0.108992	0.9695	0.274262	0.1019	0.336799	0.0136	0.262843	0.0644

10855118	Arhgef5	0.020295	0.9999	0.337515	0.0673	0.559589	0.0003	0.738439	0.0000
10855185	---	-0.227754	0.9999	-0.778794	0.6518	-1.936895	0.0316	-1.625261	0.0828
10855416	Tmem176a	0.513294	0.9010	-0.873518	0.0938	-1.099238	0.0101	-1.121229	0.0077
10855449	Gpnmb	0.344127	0.9630	-1.548113	0.0003	-1.785141	0.0000	-2.162037	0.0000
10855615	Chn2	-0.110867	0.9624	-0.221201	0.1741	-0.332871	0.0076	-0.184454	0.1898
10855637	Wipf3	-0.052515	0.9999	0.319300	0.1097	0.358331	0.0288	0.473850	0.0026
10855664	MGC95152	0.121314	0.9934	0.309085	0.2831	0.553554	0.0066	0.689669	0.0006
10855674	LOC499782	-0.022807	0.9999	-0.231463	0.2251	-0.385780	0.0061	-0.341700	0.0150
10855802	---	-0.070521	0.9624	-0.052444	0.7762	-0.192010	0.0177	-0.118593	0.1917
10855946	---	-0.327800	0.9999	-0.608165	0.6941	-2.124522	0.0050	-1.797228	0.0179
10856043	Mad2l1	0.050262	0.9999	-0.587380	0.1971	-0.560384	0.1273	-0.785241	0.0227
10856082	---	-0.259193	0.7409	-0.086297	0.8037	-0.296193	0.0474	-0.371301	0.0099
10856187	LOC498750	0.126167	0.9921	-0.242235	0.4800	-0.629778	0.0024	-0.425410	0.0459
10856386	Tmem150	0.151043	0.9507	0.250889	0.2049	0.169441	0.3396	0.322067	0.0322
10856415	Capg	0.077577	0.9999	-0.445327	0.3289	-0.507718	0.1301	-0.698794	0.0269
10856545	Loxl3	-0.053087	0.9999	-0.346131	0.4800	-0.748111	0.0118	-0.680779	0.0222
10856712	Bola3	-0.074055	0.9999	-0.308767	0.3068	-0.385748	0.0797	-0.550173	0.0080
10856747	Nagk	0.300672	0.7312	-0.195799	0.4383	-0.436408	0.0061	-0.620279	0.0001
10856948	Tgfa	-0.134750	0.9658	0.236736	0.3226	0.401344	0.0154	0.284490	0.1090
10857002	Aak1	0.210378	0.8669	0.195137	0.4358	0.266727	0.1128	0.349594	0.0290
10857080	Copg	-0.002826	0.9999	-0.153437	0.4349	-0.185879	0.1724	-0.302900	0.0143
10857157	Txnrd3	0.250175	0.8541	0.116586	0.7554	0.498186	0.0030	0.331350	0.0572
10857177	---	-0.126246	0.9819	-0.155559	0.6255	-0.360278	0.0352	-0.352942	0.0398
10857310	Lsm3	-0.146246	0.9653	-0.402913	0.0520	-0.598244	0.0007	-0.622522	0.0004
10857314	Slc6a6	0.075955	0.9999	0.412549	0.4877	1.091551	0.0023	0.936404	0.0079
10857403	---	-0.224617	0.7905	-0.000649	0.9987	-0.272823	0.0437	-0.211942	0.1451
10857460	Glt8d4	0.249277	0.9201	-0.460965	0.0823	-0.611442	0.0053	-0.452346	0.0449
10857546	Itp1	0.088669	0.9999	0.300594	0.2772	0.405615	0.0437	0.310071	0.1534
10857673	Setd5	0.072888	0.9999	0.144866	0.6690	0.343062	0.0513	0.381282	0.0273
10857739	Brpf1	0.006867	0.9999	0.249743	0.1668	0.397569	0.0042	0.219990	0.1523
10857762	Arpc4	-0.048950	0.9999	-0.191561	0.2723	-0.248528	0.0523	-0.265422	0.0358
10857783	Il17re	-0.012349	0.9999	0.353102	0.0471	-0.006803	0.9823	0.254379	0.1246
10857826	Credl1	0.087055	0.9936	0.349046	0.0396	0.169403	0.3330	0.405567	0.0048
10857838	Fancd2	0.132517	0.9999	-0.557491	0.2319	-0.660424	0.0624	-1.054774	0.0016
10858152	LOC502876	0.115846	0.9867	0.211447	0.3982	0.410033	0.0118	0.207507	0.2822
10858165	Cxcl12	0.487788	0.8614	-1.253645	0.0007	-1.327724	0.0002	-1.369775	0.0001
10858282	Jarid1a	0.145891	0.9867	0.215442	0.5417	0.534957	0.0085	0.280141	0.2323
10858408	A2m	0.259395	0.8932	-0.394127	0.1271	-0.705983	0.0006	-0.723114	0.0004
10858553	Clec4a1	0.467971	0.7200	-0.963999	0.0001	-1.005930	0.0000	-0.869758	0.0002
10858559	Clec4a3	0.562388	0.3730	-0.854855	0.0002	-0.870680	0.0001	-0.815430	0.0002
10858573	Clecsf6	0.087524	0.9867	-0.246776	0.0994	-0.282651	0.0220	-0.281620	0.0215
10858655	Clr	0.121051	0.9999	-1.040608	0.0034	-1.220333	0.0003	-1.208586	0.0002
10858686	Phb2	-0.093702	0.9695	-0.222335	0.1347	-0.098507	0.5282	-0.239244	0.0479
10858707	Cdca3	-0.095982	0.9999	-1.092527	0.0558	-1.198790	0.0137	-2.241354	0.0000
10859047	Foxm1	0.016394	0.9999	-0.510939	0.2623	-0.646530	0.0547	-1.041574	0.0011
10859086	Clec2d11	0.016106	0.9999	-0.695330	0.0435	-0.632417	0.0360	-0.700314	0.0180
10859090	LOC689800	0.130577	0.9843	-0.854232	0.0000	-0.843474	0.0000	-0.924650	0.0000

10859108	Clec2g	0.059508	0.9999	-1.012057	0.0001	-1.042284	0.0000	-1.155133	0.0000
10859119	Clec12a	0.054484	0.9995	-0.058151	0.8338	-0.261215	0.0201	-0.106032	0.4669
10859249	Crebl2	0.270600	0.8632	0.434358	0.0731	0.491727	0.0156	0.473992	0.0193
10859296	Emp1	0.067803	0.9999	-1.012141	0.0017	-1.038285	0.0006	-1.538640	0.0000
10859382	---	0.069885	0.9999	-0.373581	0.1433	-0.422146	0.0390	-0.435290	0.0321
10859392	Mgst1	0.448117	0.8622	-1.121751	0.0017	-0.877827	0.0086	-0.662994	0.0548
10859590	Etnk1	0.024786	0.9999	0.253247	0.3137	0.492364	0.0046	0.234831	0.2473
10859636	Rassf8	-0.062600	0.9999	0.567647	0.0093	0.575856	0.0037	0.418713	0.0387
10859660	Stk38l	-0.363778	0.9653	0.975788	0.0631	1.081177	0.0151	1.070218	0.0155
10859671	LOC362464	0.117762	0.9983	1.010290	0.0000	0.528728	0.0197	0.585309	0.0082
10859693	Ppfbp1	0.247383	0.9443	-0.350545	0.3058	-0.238554	0.4262	-0.832679	0.0004
10859760	Rps4y2	-0.049967	0.9999	-0.327107	0.3415	-0.330538	0.2062	-0.703996	0.0020
10859859	Rbm33	0.184198	0.9067	0.263057	0.2104	0.422464	0.0071	0.318607	0.0487
10859988	---	0.013364	0.9999	0.281169	0.2646	0.410789	0.0246	0.278560	0.1654
10860021	Slc4a2	0.099991	0.9921	0.349388	0.0679	0.532251	0.0009	0.241546	0.1808
10860111	Klhl7	0.072475	0.9999	0.424816	0.1355	0.414840	0.0773	0.476083	0.0377
10860152	Mll5	0.156337	0.9814	0.241165	0.4726	0.467214	0.0246	0.332119	0.1398
10860217	Armc10	0.040317	0.9999	-0.292773	0.0746	-0.219098	0.1381	-0.323615	0.0182
10860226	Lrrc17	0.891432	0.7200	-0.398046	0.6095	-1.235225	0.0032	-1.895953	0.0000
10860231	Fgl2	-0.204342	0.9921	-0.105932	0.9089	-0.275726	0.5204	-0.928691	0.0033
10860309	---	-0.182354	0.8045	-0.228229	0.1000	-0.280693	0.0131	-0.144307	0.2822
10860481	Sema3a	-0.091987	0.9981	-0.851953	0.0000	-0.922752	0.0000	-0.831805	0.0000
10860499	Sema3d	0.455260	0.8541	-0.991977	0.0026	-1.074814	0.0005	-1.510317	0.0000
10860531	RGD1563349	-0.257904	0.7200	-0.111493	0.6647	-0.270839	0.0427	-0.229882	0.1002
10860584	Dbf4	-0.024345	0.9999	-0.676944	0.0445	-0.791545	0.0061	-1.072461	0.0002
10860632	Akap9	0.196438	0.9620	0.424140	0.1140	0.550238	0.0110	0.449991	0.0418
10860691	Krit1	0.016120	0.9999	0.387642	0.3474	0.580706	0.0415	0.640964	0.0220
10860765	Cdk6	-0.047073	0.9999	-0.498944	0.0428	-0.441144	0.0416	-0.814923	0.0001
10861066	Tmem106b	0.151511	0.9734	0.229001	0.4658	0.396748	0.0449	0.416436	0.0337
10861226	Fam3c	0.015310	0.9999	-0.201530	0.4284	-0.336475	0.0414	-0.391496	0.0150
10861242	Aass	0.190552	0.8743	-0.620051	0.0001	-0.748125	0.0000	-0.617687	0.0000
10861399	Zfp800	0.040891	0.9999	0.273012	0.4838	0.537611	0.0243	0.160624	0.6432
10861410	Pax4	-0.256627	0.4060	-0.298258	0.0083	-0.191126	0.0757	-0.027801	0.8867
10861676	Rpl38	-0.114663	0.9624	-0.141720	0.5226	-0.296290	0.0244	-0.147577	0.3561
10861678	Plxna4a	0.204490	0.9906	0.805770	0.0140	0.598861	0.0482	0.638552	0.0330
10861778	Cnot4	0.047956	0.9999	0.238825	0.5018	0.375210	0.0920	0.438090	0.0432
10861811	Fam180a	0.484053	0.3122	-0.816027	0.0000	-0.930101	0.0000	-0.878731	0.0000
10861835	Ptn	0.871807	0.7200	-2.947813	0.0000	-2.831378	0.0000	-2.829177	0.0000
10861968	Zc3hav11	0.164763	0.9912	-0.436780	0.1555	-0.375727	0.1457	-0.615640	0.0090
10861976	Zc3hav1	0.209554	0.9750	-0.489119	0.1575	-0.450047	0.1148	-0.629787	0.0189
10861997	Hipk2	0.061175	0.9999	0.318746	0.3961	0.374132	0.1606	0.508391	0.0421
10862014	Parp12	0.177485	0.9921	-0.509599	0.1185	-0.720563	0.0059	-0.712661	0.0055
10862082	Braf	0.166605	0.9201	0.406189	0.0127	0.434637	0.0031	0.501672	0.0005
10862172	LOC286960	0.321047	0.3730	0.202740	0.2413	0.281632	0.0281	0.290512	0.0219
10862254	Fam131b	-0.223132	0.8730	-0.177450	0.5596	-0.290307	0.1095	-0.426432	0.0119
10862338	Ezh2	0.108301	0.9999	-0.382416	0.4027	-0.526380	0.0909	-0.619410	0.0404
10862359	---	-0.154497	0.9999	-0.586452	0.7109	-2.157828	0.0044	-1.739707	0.0224

10862424	Igf2bp3	0.049546	0.9999	-0.185146	0.4901	-0.164339	0.4147	-0.392965	0.0145
10862453	---	0.610414	0.9171	0.552760	0.5600	1.217037	0.0244	0.699301	0.2653
10862527	Skap2	0.370048	0.7989	-0.501476	0.0598	-0.757627	0.0008	-0.694267	0.0016
10862605	RGD1310827	-0.308880	0.9620	-1.138350	0.0012	-0.951213	0.0038	-1.329462	0.0001
10862675	LOC499782	-0.022807	0.9999	-0.231463	0.2251	-0.385780	0.0061	-0.341700	0.0150
10862795	Nap115	-0.039598	0.9999	0.202848	0.7833	0.999251	0.0017	0.902820	0.0036
10862836	---	-0.028473	0.9999	0.042066	0.9047	0.135130	0.3643	0.290685	0.0179
10862842	Hpgds	0.686730	0.1825	-0.864946	0.0002	-0.898194	0.0001	-0.704359	0.0011
10863079	Rpia	-0.159973	0.9911	-0.497647	0.0723	-0.170187	0.5934	-0.485226	0.0399
10863115	Rmnd5a	0.095541	0.9934	0.313358	0.1171	0.427761	0.0077	0.388985	0.0150
10863187	Rnf181	-0.056944	0.9999	0.369190	0.0731	0.397209	0.0225	0.383978	0.0271
10863215	Vamp5	-0.059674	0.9999	0.870463	0.0189	0.777235	0.0205	1.103372	0.0007
10863262	LOC684322	-0.097028	0.9624	0.023121	0.9505	0.235829	0.0351	0.106567	0.4559
10863502	Wdr54	-0.074753	0.9999	0.347788	0.2930	0.616785	0.0082	0.487084	0.0408
10863608	Cyp26b1	0.063699	0.9999	0.143896	0.7329	0.443077	0.0260	0.516071	0.0076
10863635	Spr	-0.163486	0.9921	-0.319664	0.4137	-0.589296	0.0201	-0.510703	0.0481
10863653	LOC312502	-0.105825	0.9978	0.602318	0.0059	0.770520	0.0002	0.660828	0.0008
10863714	Pcyox1	0.050152	0.9999	0.217159	0.3722	0.263496	0.1277	0.331190	0.0458
10863808	Arhgap25	0.143408	0.9700	-0.345058	0.1268	-0.526798	0.0034	-0.478267	0.0070
10863926	Abtb1	0.299416	0.8437	0.242981	0.4424	0.264464	0.2435	0.498861	0.0113
10863950	Mcm2	0.040601	0.9999	-0.341829	0.2298	-0.523423	0.0125	-0.663315	0.0012
10864174	---	0.200654	0.9010	0.195783	0.4828	0.198826	0.3188	0.340978	0.0493
10864185	Adamts9	-0.046778	0.9999	-0.247180	0.2840	-0.284530	0.0993	-0.364102	0.0275
10864243	Magi1	0.074884	0.9999	0.390405	0.0976	0.631606	0.0010	0.618294	0.0010
10864269	Magi1	0.116938	0.9972	0.332624	0.2633	0.468052	0.0306	0.498670	0.0193
10864459	Pdzrn3	-0.168349	0.9632	0.579556	0.0079	0.711966	0.0004	0.472116	0.0179
10864538	---	0.059257	0.9853	0.013995	0.9627	0.118687	0.1883	0.208693	0.0096
10864680	Sec13	-0.130497	0.9624	-0.145481	0.5815	-0.209513	0.1979	-0.322292	0.0288
10864722	LOC362419	-0.121178	0.9665	-0.328602	0.0663	-0.307392	0.0467	-0.468757	0.0014
10864769	Rpl32	-0.039793	0.9999	-0.145750	0.6136	-0.321970	0.0421	-0.345523	0.0272
10864797	Plxnd1	0.260862	0.9624	-0.409633	0.3480	-0.633726	0.0349	-0.531976	0.0895
10864848	Alox5	-0.248089	0.2425	-0.250801	0.0108	-0.198100	0.0288	-0.101923	0.3529
10864874	Rassf4	0.063835	0.9999	-1.508334	0.0000	-1.663815	0.0000	-1.574998	0.0000
10864910	Csgalnact2	-0.090302	0.9999	0.336380	0.3708	0.516607	0.0431	0.331373	0.2571
10865081	Adipor2	-0.055658	0.9999	0.248660	0.1958	0.442149	0.0023	0.461716	0.0011
10865129	Wnk1	0.096047	0.9999	0.538931	0.0241	0.537049	0.0114	0.475507	0.0260
10865236	LOC685601	-0.052852	0.9999	0.318600	0.2735	0.406385	0.0575	0.573972	0.0047
10865243	Mical3	0.025233	0.9999	0.381905	0.1984	0.499164	0.0279	0.433149	0.0625
10865329	Apobec1	0.166208	0.9620	-0.397480	0.0566	-0.451373	0.0111	-0.470729	0.0070
10865336	---	-0.056554	0.9999	-0.320382	0.1735	-0.395042	0.0313	-0.284350	0.1540
10865369	C3ar1	-0.098325	0.9999	-1.349391	0.0000	-1.228757	0.0001	-1.056858	0.0004
10865442	C1s	0.599861	0.9333	-1.551765	0.0139	-1.842780	0.0012	-1.768919	0.0014
10865452	Emg1	-0.121095	0.9620	-0.339142	0.0202	-0.285858	0.0311	-0.396668	0.0018
10865463	Ptpn6	0.232442	0.9553	-0.585789	0.0309	-0.827224	0.0005	-0.535027	0.0252
10865502	Eno2	0.020078	0.9999	0.663044	0.0007	0.709974	0.0002	0.660234	0.0003
10865527	Tpi1	-0.161527	0.8622	-0.300777	0.0275	-0.395333	0.0010	-0.233537	0.0617
10865562	Leprel2	0.167449	0.9921	-0.181425	0.7567	-0.546204	0.0415	-0.613126	0.0195

10865578	Gpr162	0.075389	0.9968	0.207424	0.2801	0.163399	0.3088	0.345187	0.0104
10865585	Cd4	0.181672	0.9661	-0.538728	0.0389	-0.664642	0.0032	-0.577099	0.0097
10865630	Ncapd2	0.295723	0.9299	-0.527748	0.1209	-0.500438	0.0789	-0.888397	0.0008
10865715	Cd9	0.196123	0.9624	-0.616404	0.0140	-0.434109	0.0631	-0.459893	0.0477
10865738	Kcna6	0.020729	0.9999	0.717635	0.0168	0.533162	0.0551	0.291934	0.3867
10865752	Rad51ap1	-0.048596	0.9999	-0.183295	0.3282	-0.250420	0.0591	-0.418622	0.0009
10865800	Tspan9	-0.134583	0.9921	-0.358516	0.1904	-0.503150	0.0157	-0.601609	0.0029
10865960	LOC689757	-0.416859	0.7312	-0.644510	0.0088	-0.503428	0.0270	-0.544950	0.0147
10865974	Clec2h	0.066763	0.9624	0.091781	0.4484	0.115846	0.1614	0.174335	0.0219
10865981	Ankrd13c	-0.125448	0.9977	0.476390	0.0984	0.627552	0.0076	0.798320	0.0005
10866142	Klra7	0.012759	0.9999	-0.150160	0.2465	-0.144547	0.1592	-0.192766	0.0462
10866332	---	-0.031667	0.9999	0.035732	0.9587	0.134067	0.6241	0.400119	0.0448
10866374	Lrp6	0.149831	0.9734	0.364466	0.1273	0.480181	0.0119	0.395403	0.0428
10866401	Dusp16	-0.136823	0.9990	0.633239	0.0461	0.519016	0.0659	0.755248	0.0047
10866410	Gpr19	0.061132	0.9999	-0.145867	0.6954	-0.231001	0.2756	-0.425297	0.0199
10866486	---	0.050758	0.9999	-0.392602	0.6130	-0.971973	0.0211	-0.691095	0.1283
10866503	---	0.050758	0.9999	-0.392602	0.6130	-0.971973	0.0211	-0.691095	0.1283
10866507	Art4	-0.319941	0.8945	0.476674	0.1473	0.394418	0.1606	0.575389	0.0269
10866526	Arhgdib	0.321606	0.9653	-1.108822	0.0099	-1.075239	0.0059	-0.742393	0.0697
10866535	Rerg	0.320061	0.9038	-0.911910	0.0017	-0.864228	0.0015	-0.953744	0.0004
10866544	Eps8	-0.188975	0.9819	-0.454874	0.1575	-0.669091	0.0073	-1.036985	0.0000
10866693	Gys2	-0.055217	0.9921	-0.140349	0.2732	-0.184942	0.0484	-0.096119	0.4041
10866835	Casc1	0.112601	0.9819	0.404386	0.0144	0.253393	0.1084	0.342108	0.0222
10866959	LOC690784	0.163371	0.9010	0.105475	0.7141	0.263675	0.0633	0.278631	0.0487
10866986	---	-0.001187	0.9999	0.414209	0.1889	0.663956	0.0054	0.696560	0.0028
10866988	Tmtc1	-0.037088	0.9999	0.241426	0.5479	0.456683	0.0533	0.601788	0.0078
10867008	---	0.018233	0.9999	-0.257910	0.3462	-0.486181	0.0088	-0.296592	0.1459
10867026	Bhlhe41	0.430387	0.8614	-0.301127	0.6043	-0.444049	0.2077	-0.652217	0.0432
10867254	Arfgef1	0.211012	0.8959	0.600936	0.0010	0.888818	0.0000	0.667464	0.0001
10867416	Cyld	0.044436	0.9999	0.491733	0.1618	0.832659	0.0022	0.587862	0.0332
10867499	---	0.070441	0.9999	-0.285355	0.2981	-0.483836	0.0120	-0.354297	0.0809
10867593	Gdf6	-0.256360	0.9620	-0.592234	0.0829	-0.775543	0.0060	-1.000019	0.0003
10867614	Ccne2	-0.096440	0.9999	-0.518405	0.3352	-0.787975	0.0351	-1.161125	0.0012
10867662	---	-0.071297	0.9999	-0.245682	0.3279	-0.358408	0.0417	-0.216870	0.2902
10867761	Mmp16	-0.027820	0.9999	-0.850083	0.0146	-1.141620	0.0003	-1.173165	0.0002
10867914	---	0.130290	0.8973	0.148816	0.3449	0.214859	0.0497	0.249580	0.0192
10867919	RGD1304693	-0.000494	0.9999	-0.546048	0.2821	-0.623118	0.1007	-1.224734	0.0005
10868017	Lymr2	0.058750	0.9999	0.417522	0.1203	0.619736	0.0039	0.402269	0.0755
10868123	---	-0.088632	0.9921	-0.090976	0.7801	-0.374513	0.0080	-0.230170	0.1362
10868191	Csgalnact2	-0.119804	0.9998	0.311297	0.4251	0.516215	0.0419	0.339566	0.2382
10868315	Nfx1	0.077201	0.9990	0.134008	0.6598	0.407201	0.0088	0.478769	0.0016
10868349	Ubap1	-0.108285	0.9921	0.166509	0.5840	0.355683	0.0374	0.258301	0.1670
10868595	---	0.074606	0.9999	-0.766370	0.0355	-0.673136	0.0371	-0.943117	0.0023
10868601	Reck	0.052529	0.9999	-0.252650	0.2619	-0.190513	0.3189	-0.421322	0.0081
10868643	Melk	0.290677	0.9706	-0.593584	0.2327	-0.813887	0.0283	-1.015949	0.0045
10868669	Zcchc7	0.268190	0.9223	0.272168	0.4976	0.432811	0.0850	0.493413	0.0448
10868718	Dcaf10	0.048900	0.9999	0.383006	0.2640	0.734286	0.0028	0.345278	0.2211

10868798	Tdrd7	-0.132356	0.9624	0.215373	0.3389	0.390900	0.0109	0.368615	0.0159
10868855	Anp32b	0.046733	0.9999	-0.147910	0.5067	-0.095030	0.6045	-0.285325	0.0332
10868881	Col15a1	0.304191	0.9544	-0.540354	0.1779	-0.598735	0.0584	-0.707517	0.0215
10868986	Tmeff1	-0.093723	0.9999	0.767088	0.0142	0.690414	0.0147	0.725644	0.0092
10869002	Lppr1	-0.071375	0.9921	-0.148573	0.3787	-0.225253	0.0487	-0.149944	0.2483
10869050	Smc2	0.098709	0.9999	-0.438397	0.5101	-0.508984	0.2633	-0.829770	0.0393
10869094	Nipsnap3b	0.100345	0.9999	-0.231552	0.5278	-0.357999	0.1157	-0.537049	0.0112
10869106	Slc44a1	0.288473	0.8437	-0.670544	0.0010	-0.708310	0.0003	-0.866286	0.0000
10869151	Tmem38b	-0.054810	0.9999	0.391981	0.2257	0.437841	0.0797	0.521119	0.0312
10869158	Zfp462	0.216159	0.9620	0.420555	0.1670	0.424520	0.0846	0.648989	0.0047
10869165	---	0.127750	0.9990	0.348738	0.3558	0.266438	0.3947	0.544179	0.0346
10869253	Ugcg	0.005058	0.9999	-0.231596	0.6288	-0.309918	0.2945	-0.522953	0.0430
10869282	RGD1310951	0.089361	0.9852	0.230095	0.1397	0.131566	0.3803	0.321274	0.0079
10869303	Slc31a2	0.006770	0.9999	0.455101	0.1987	0.598007	0.0271	0.632671	0.0176
10869487	RGD1304595	0.325422	0.7375	-0.009166	0.9897	-0.122859	0.6280	-0.376347	0.0402
10869499	Pappa	0.285182	0.9750	0.938935	0.0220	0.665501	0.0819	0.848905	0.0202
10869525	---	0.267490	0.9990	1.085837	0.0831	1.056157	0.0473	1.043696	0.0513
10869530	Trim32	0.024914	0.9999	0.171906	0.3095	0.342346	0.0035	0.166844	0.2152
10869535	Tlr4	0.254944	0.8973	-0.508794	0.0332	-0.523177	0.0122	-0.687504	0.0007
10869659	Bat2d1	0.159909	0.9659	0.291655	0.3002	0.461524	0.0203	0.393188	0.0537
10869770	Rraga	0.049852	0.9999	0.265651	0.2227	0.358727	0.0284	0.354897	0.0295
10869808	Acer2	0.086010	0.9990	-0.292896	0.1971	-0.442456	0.0098	-0.448594	0.0078
10869946	Tek	0.188021	0.9921	-0.477899	0.1958	-0.582794	0.0406	-0.589262	0.0379
10869970	Fggy	0.269692	0.9299	-0.384280	0.2702	-0.628701	0.0116	-0.488476	0.0581
10870043	Rps18	-0.072893	0.9999	-0.287121	0.4653	-0.597226	0.0137	-0.527579	0.0314
10870488	---	-0.495134	0.1825	-0.457738	0.0095	-0.330990	0.0441	-0.288813	0.0907
10870490	Usp24	0.137804	0.9867	0.233622	0.4403	0.413940	0.0328	0.199388	0.4086
10870713	Lrp8	-0.220239	0.9620	0.368103	0.2600	0.670424	0.0042	0.811857	0.0004
10870739	RGD1559786	0.013571	0.9999	-0.169912	0.3640	-0.365411	0.0034	-0.278629	0.0272
10870777	Zcchc11	0.252972	0.9620	0.322645	0.4575	0.593853	0.0298	0.482741	0.0918
10871041	Ankrd13c	-0.197468	0.9659	0.439632	0.1599	0.606241	0.0126	0.693939	0.0034
10871054	Stil	0.000232	0.9999	-0.598335	0.0885	-0.626795	0.0332	-0.940777	0.0009
10871103	RGD1310351	-0.054990	0.9999	0.348074	0.0310	0.267258	0.0676	0.560506	0.0001
10871151	Rad54l	0.052420	0.9999	-0.220672	0.6224	-0.262511	0.3617	-0.577796	0.0146
10871229	Pik3r3	0.265414	0.9867	0.525099	0.3232	0.778755	0.0369	0.830276	0.0243
10871250	Gpbp1l1	0.084769	0.9999	0.286652	0.3107	0.418707	0.0362	0.350814	0.0932
10871369	Eif2b3	-0.062341	0.9999	0.351352	0.2015	0.528289	0.0107	0.451786	0.0307
10871419	Tmem53	0.024133	0.9999	-0.284454	0.3105	-0.422443	0.0328	-0.331264	0.1153
10871444	Slc6a9	-0.122123	0.9999	0.533684	0.1675	0.727570	0.0151	0.775704	0.0083
10871650	Cited4	0.308292	0.9630	-0.589852	0.2310	-0.920079	0.0112	-0.531910	0.1937
10871695	Ppt1	0.295734	0.7989	-0.223987	0.4158	-0.376051	0.0365	-0.387515	0.0300
10871730	Oxct2a	0.014624	0.9999	0.097334	0.5706	0.195842	0.0460	-0.001628	0.9954
10871750	Pabpc4	0.093727	0.9921	-0.056463	0.8883	-0.073667	0.7469	-0.312112	0.0367
10871769	---	-0.029079	0.9999	-0.508545	0.4567	-1.164739	0.0060	-1.339503	0.0012
10871771	---	-0.032850	0.9999	-0.308793	0.6433	-0.763089	0.0289	-0.687620	0.0532
10871857	Mtf1	0.001044	0.9999	0.280988	0.3923	0.444266	0.0422	0.286711	0.2513
10871868	Yrdc	-0.082397	0.9999	0.354417	0.1584	0.414395	0.0371	0.317570	0.1368

10871931	Meaf6	0.025093	0.9999	-0.218839	0.1861	-0.462867	0.0003	-0.366118	0.0028
10871975	Mrps15	0.000370	0.9999	-0.148220	0.7153	-0.200557	0.4041	-0.422479	0.0312
10871997	Rps14	-0.087293	0.9999	-0.161910	0.6795	-0.417773	0.0360	-0.370323	0.0709
10872003	Stk40	-0.205786	0.8614	0.140649	0.6092	0.383643	0.0096	0.353076	0.0170
10872024	Col8a2	-0.216887	0.9337	-0.429995	0.0834	-0.505815	0.0141	-0.277468	0.2467
10872032	Clspn	-0.072384	0.9999	-0.332461	0.2929	-0.452806	0.0474	-0.576839	0.0086
10872057	Clspn	-0.026054	0.9999	-0.244522	0.4063	-0.461926	0.0154	-0.644869	0.0005
10872101	Sfpq	0.040397	0.9999	-0.218653	0.4339	-0.277310	0.1476	-0.400351	0.0243
10872155	LOC685634	0.195074	0.9507	0.409697	0.0751	0.355979	0.0757	0.425968	0.0284
10872326	Bsdcl	0.050302	0.9999	0.260000	0.2654	0.279625	0.1157	0.370383	0.0283
10872336	Marcks11	0.011568	0.9999	-0.235742	0.5045	-0.631247	0.0026	-0.507638	0.0150
10872394	Col16a1	-0.008817	0.9999	-0.105504	0.8482	-0.301709	0.2150	-0.438290	0.0491
10872478	Snrnp40	0.013220	0.9999	-0.265138	0.3741	-0.228779	0.3316	-0.488484	0.0127
10872489	Laptm5	0.437688	0.9201	-1.541184	0.0002	-1.617844	0.0000	-1.587898	0.0000
10872585	Wdte1	0.008455	0.9999	0.266879	0.2124	0.338732	0.0373	0.219326	0.2355
10872801	Stmn1	0.118746	0.9999	-0.608350	0.2606	-0.847997	0.0316	-1.397243	0.0003
10872810	LOC689656	-0.071051	0.9999	-0.174958	0.5468	-0.380755	0.0235	-0.289926	0.1028
10872885	---	0.101802	0.9819	0.031965	0.9417	0.130881	0.4466	0.313899	0.0208
10872940	Fuca1	0.081447	0.9999	0.520974	0.0549	0.556167	0.0166	0.763233	0.0007
10873355	Tmco4	-0.051196	0.9990	-0.133454	0.3917	-0.278074	0.0061	-0.271804	0.0065
10873419	Ubr4	0.252320	0.9303	0.488386	0.0829	0.696435	0.0028	0.666002	0.0034
10873671	Fbxo42	0.056306	0.9998	0.188363	0.2486	0.401339	0.0007	0.296829	0.0113
10873706	Epha2	-0.500017	0.9616	0.670249	0.4106	1.082946	0.0437	0.848873	0.1404
10873732	Hspb7	-0.177073	0.9582	0.279593	0.2787	0.312360	0.1072	0.372640	0.0480
10873838	Dhrs3	0.277210	0.9025	-0.834775	0.0008	-0.713258	0.0023	-0.845383	0.0003
10873916	Rpl35a	-0.017409	0.9999	-0.091389	0.8598	-0.479821	0.0166	-0.349247	0.1014
10873934	Mtor	-0.118427	0.9968	0.274668	0.4058	0.446331	0.0404	0.432777	0.0486
10873993	---	-0.008353	0.9999	-0.127472	0.4601	-0.115795	0.3730	-0.299380	0.0041
10874328	---	0.009157	0.9999	0.337236	0.2683	0.329508	0.1659	0.657203	0.0019
10874425	LOC246295	0.007843	0.9999	0.376632	0.0116	0.466001	0.0006	0.412785	0.0017
10874458	Megf6	0.318534	0.8872	0.578314	0.0490	0.513610	0.0463	-0.034620	0.9467
10874723	Aurkaip1	-0.080730	0.9919	-0.108217	0.6292	-0.148585	0.2782	-0.242440	0.0450
10874728	Mxra8	0.144495	0.9978	-0.305709	0.5098	-0.540486	0.0557	-0.646365	0.0185
10874740	Dvl1	0.004365	0.9999	0.050916	0.8917	0.310409	0.0232	0.158738	0.3357
10874847	RGD1311517	-0.066861	0.9999	-0.239675	0.2422	-0.322773	0.0340	-0.289557	0.0626
10874940	Terf1	0.028335	0.9999	-0.429857	0.2319	-0.603352	0.0243	-0.690699	0.0080
10875023	Depdc2	-0.011471	0.9999	-0.373252	0.1044	-0.436939	0.0204	-0.371878	0.0540
10875183	Rb1cc1	0.212054	0.9825	0.520808	0.1575	0.550354	0.0625	0.625625	0.0306
10875218	Atp6v1h	0.078847	0.9998	0.168382	0.5744	0.341395	0.0457	0.278146	0.1246
10875256	Tmem68	-0.067423	0.9999	0.319140	0.2838	0.442116	0.0403	0.399214	0.0710
10875282	Plag1	0.300447	0.8614	0.385907	0.1768	0.660746	0.0025	0.401942	0.0817
10875294	Sdr16c6	-0.081352	0.9199	-0.139827	0.1162	-0.166512	0.0211	-0.104507	0.1969
10875322	Son	0.313702	0.7668	0.349461	0.1222	0.475735	0.0086	0.393944	0.0314
10875387	Asph	-0.068587	0.9999	-0.217550	0.5912	-0.477745	0.0352	-0.549587	0.0129
10875503	RGD1559904	0.265832	0.7989	0.251686	0.2578	0.353017	0.0295	0.269032	0.1200
10875656	Ripk2	-0.452611	0.9038	0.616204	0.2384	0.819206	0.0353	0.852418	0.0272
10875723	Atp6v0d2	-0.067369	0.9819	-0.278992	0.0040	-0.267856	0.0028	-0.201154	0.0260

10875853	Pm20d2	-0.078969	0.9972	-0.146864	0.5697	-0.301039	0.0410	-0.333651	0.0210
10876147	RGD1309821	0.160365	0.9653	-0.226901	0.4716	-0.497311	0.0100	-0.365152	0.0706
10876315	RGD1310376	-0.163162	0.9959	-0.487508	0.2077	-0.782741	0.0068	-0.750037	0.0086
10876396	Gba2	0.112634	0.9942	0.385120	0.1004	0.458885	0.0168	0.338726	0.0966
10876769	Abca1	0.168141	0.9999	-1.550097	0.0005	-2.003646	0.0000	-1.909884	0.0000
10876831	Zfp462	-0.036226	0.9999	0.412665	0.0800	0.210000	0.3801	0.688235	0.0004
10876838	Klf4	0.161760	0.9852	-0.556674	0.0274	-0.298399	0.2372	-0.463622	0.0414
10876859	Ikbkap	0.105685	0.9852	0.060349	0.8762	0.320865	0.0290	-0.022647	0.9384
10876915	RGD1308958	0.234556	0.8614	0.156007	0.6245	0.458369	0.0064	0.212844	0.2876
10877069	Lpar1	0.278624	0.9201	-0.425659	0.1901	-0.609581	0.0133	-0.737243	0.0021
10877078	RGD1306148	0.103636	0.9626	0.071739	0.8022	0.273331	0.0248	0.065501	0.7331
10877482	Akna	-0.072809	0.9990	-0.351601	0.0388	-0.377795	0.0104	-0.355367	0.0155
10877532	Tnfsf15	-0.091679	0.9921	-0.220719	0.3013	-0.400958	0.0073	-0.286888	0.0656
10877581	LOC100362998	-0.082281	0.9921	-0.140221	0.5062	-0.296768	0.0185	-0.190335	0.1731
10877644	Tle1	-0.041783	0.9999	0.396664	0.0556	0.608104	0.0006	0.360796	0.0462
10877785	Ttc39b	-0.000427	0.9999	-0.468833	0.0275	-0.546165	0.0035	-0.645364	0.0005
10877880	Bnc2	0.149419	0.9277	0.341044	0.0275	0.063035	0.7722	0.212098	0.1608
10877907	Adfp	0.117032	0.9999	-0.486531	0.1909	-0.433245	0.1582	-0.674774	0.0164
10877916	Rps6	-0.027087	0.9999	-0.178390	0.3304	-0.235270	0.0713	-0.299947	0.0167
10877943	Ptplad2	0.243539	0.9593	-0.852067	0.0017	-1.228924	0.0000	-1.174245	0.0000
10877960	Ifna1	-0.009708	0.9999	0.097425	0.3627	0.029498	0.8011	0.150200	0.0395
10877997	Cdkn2a	-0.272465	0.9133	-0.359328	0.2772	-0.635976	0.0067	-0.590323	0.0112
10878001	Cdkn2b	-0.525955	0.7200	-0.033272	0.9722	-0.586905	0.0206	-0.543852	0.0327
10878032	Cks1b	-0.130319	0.9998	-0.431812	0.2600	-0.329104	0.3109	-0.729824	0.0070
10878286	Jak1	0.236437	0.9199	-0.319253	0.2724	-0.145325	0.6163	-0.468346	0.0249
10878428	Rpl32	0.004150	0.9999	-0.117750	0.7011	-0.298980	0.0520	-0.310193	0.0428
10878635	Gpx7	-0.001587	0.9999	-0.416801	0.2052	-0.693346	0.0049	-0.658447	0.0067
10878653	Zfyve9	0.183756	0.8945	0.348415	0.0428	0.377053	0.0110	0.272902	0.0804
10878705	Cdkn2c	0.208667	0.9968	-0.778086	0.0899	-0.974118	0.0099	-1.056386	0.0041
10878910	Rps26	-0.048870	0.9999	-0.180950	0.2030	-0.151030	0.2061	-0.229687	0.0338
10878936	---	-0.032850	0.9999	-0.419192	0.0345	-0.469598	0.0065	-0.496939	0.0032
10878969	Kif2c	0.086827	0.9999	-1.003243	0.0958	-1.094332	0.0286	-1.597449	0.0009
10879039	B4galt2	0.021066	0.9999	-0.200348	0.6749	-0.454338	0.0675	-0.509700	0.0367
10879063	Ipo13	0.010252	0.9999	0.269233	0.1874	0.366156	0.0192	0.436223	0.0040
10879227	RGD1308616	0.197849	0.9199	0.407017	0.0446	0.451053	0.0096	0.483129	0.0046
10879242	RGD1308616	0.257198	0.9310	0.510170	0.0800	0.557042	0.0229	0.651107	0.0061
10879244	RGD1308616	-0.005621	0.9999	0.288543	0.2721	0.455633	0.0153	0.206466	0.3740
10879246	RGD1308616	0.188033	0.9624	0.393724	0.1589	0.512765	0.0192	0.433346	0.0536
10879250	RGD1308616	0.122024	0.9852	0.392970	0.0428	0.416960	0.0125	0.476489	0.0034
10879257	Cdc20	0.017568	0.9999	-1.166309	0.0143	-1.296916	0.0025	-1.564941	0.0002
10879464	LOC680700	-0.035606	0.9999	-0.205688	0.4668	-0.432867	0.0127	-0.569618	0.0008
10879516	Mfsd2	-0.250187	0.8614	0.354268	0.1273	0.370067	0.0524	0.384215	0.0429
10879555	Macf1	0.260643	0.8945	0.205353	0.5883	0.463052	0.0290	0.320646	0.1684
10879660	LOC100361083	0.083749	0.9999	-0.486194	0.0403	-0.039148	0.9206	-0.572963	0.0042
10879704	Cdca8	-0.072415	0.9999	-0.619674	0.0743	-0.847129	0.0035	-0.973176	0.0006
10879797	Eif2c3	0.010796	0.9999	0.217032	0.3608	0.596641	0.0002	0.345652	0.0317
10880095	Serinc2	-0.250797	0.9867	0.548538	0.2544	0.630331	0.0833	0.881890	0.0102

10880204	Epb4.1	0.359809	0.8437	0.289984	0.4454	0.482099	0.0487	0.353526	0.1880
10880251	Gpn2	0.204796	0.8614	0.245963	0.2289	0.502974	0.0008	0.350404	0.0199
10880293	Map3k6	-0.106183	0.9977	-0.122866	0.7889	-0.054054	0.8792	-0.406393	0.0444
10880343	Fgr	0.059732	0.9999	-0.408784	0.0435	-0.406280	0.0209	-0.270339	0.1618
10880404	Ptafr	0.099884	0.9990	-0.472598	0.0359	-0.566096	0.0038	-0.590568	0.0020
10880408	Hmgn2	0.117353	0.9999	-0.819958	0.0222	-1.099295	0.0006	-1.387773	0.0000
10880436	Sh3bgrl3	-0.104140	0.9999	-0.509310	0.1433	-0.754932	0.0056	-0.740958	0.0057
10880526	---	0.074648	0.9999	-0.273432	0.5574	-0.598024	0.0248	-0.338030	0.2777
10880727	C1qb	0.138018	0.9972	-0.557192	0.0646	-0.734581	0.0038	-0.741642	0.0028
10880731	C1qc	0.185819	0.9998	-0.767595	0.1126	-0.964884	0.0133	-1.012484	0.0084
10880734	C1qa	0.229466	0.9871	-1.250655	0.0003	-1.695558	0.0000	-1.654625	0.0000
10880872	Pla2g5	0.068643	0.9999	-0.911348	0.0131	-1.182179	0.0004	-0.809098	0.0141
10880897	RGD1560187	-0.086010	0.9950	-0.206540	0.3541	-0.331207	0.0295	-0.290053	0.0631
10881047	Necap2	0.027804	0.9999	-0.327339	0.1572	-0.332287	0.0757	-0.479507	0.0065
10881109	---	0.256648	0.8744	0.462552	0.0443	0.743190	0.0002	0.455925	0.0214
10881146	---	0.240578	0.8913	0.399599	0.0821	0.475416	0.0126	0.554202	0.0028
10881178	Dnajc16	-0.003664	0.9999	0.239511	0.4969	0.355612	0.1118	0.430276	0.0469
10881211	Efh2	-0.338713	0.8762	0.362047	0.3487	0.518371	0.0541	0.689049	0.0074
10881216	Fhad1	-0.166002	0.8437	0.384370	0.0009	0.394511	0.0003	0.330252	0.0019
10881253	Tmem51	0.045895	0.9999	0.372582	0.4782	0.599936	0.0697	0.686166	0.0339
10881293	Pdpn	0.066348	0.9999	-0.459086	0.0696	-0.477581	0.0264	-0.483576	0.0233
10881353	Vps13d	0.144700	0.9921	0.541722	0.0313	0.636989	0.0037	0.616243	0.0041
10881486	Miip	-0.013120	0.9999	-0.324591	0.0202	-0.365247	0.0034	-0.445300	0.0003
10881542	Clcn6	-0.027376	0.9999	0.149181	0.6850	0.397702	0.0319	0.262500	0.2063
10881590	Fbxo44	-0.054498	0.9999	0.274441	0.2452	0.315807	0.0788	0.495628	0.0031
10881648	Pex14	0.154977	0.9010	0.130282	0.5750	0.212531	0.1233	0.270318	0.0406
10881685	Kif1b	0.307757	0.8614	0.303038	0.3627	0.507760	0.0241	0.271265	0.3095
10881824	H6pd	0.052923	0.9999	-0.254785	0.4303	-0.463306	0.0255	-0.380705	0.0771
10881885	Vamp3	0.054046	0.9951	-0.288243	0.0052	-0.332330	0.0005	-0.226029	0.0173
10882155	Atp5h	-0.075390	0.9921	-0.138090	0.5035	-0.248927	0.0475	-0.161833	0.2597
10882168	Mmp23	0.083797	0.9999	-0.310328	0.4430	-0.554950	0.0318	-0.718386	0.0038
10882178	---	-0.000463	0.9999	0.363506	0.1355	0.489854	0.0111	0.273056	0.2158
10882356	RGD1310271	0.194958	0.9277	0.307365	0.1909	0.308686	0.1003	0.435480	0.0139
10882391	Nbl1	0.241547	0.8997	-0.117077	0.8059	-0.276207	0.2187	-0.478859	0.0160
10882439	Ccdc75	0.119166	0.9999	0.503656	0.1231	0.571326	0.0313	0.450293	0.1088
10882494	---	-0.145194	0.7200	-0.163249	0.0588	-0.150031	0.0454	-0.128741	0.1001
10882525	Tmem178	0.302949	0.8614	-0.355848	0.2354	-0.478106	0.0325	-0.532980	0.0150
10882534	Sgk493	-0.192476	0.9653	-0.246132	0.5460	-0.462543	0.0544	-0.505947	0.0324
10882571	Mta3	0.184440	0.8614	0.294199	0.0593	0.233430	0.0936	0.394089	0.0022
10882590	---	-0.118236	0.9620	0.085516	0.7733	0.073326	0.7058	0.285069	0.0302
10882594	Plekhh2	-0.057923	0.9999	0.550998	0.0248	0.440029	0.0487	0.592111	0.0055
10882659	Ppm1b	-0.038683	0.9999	0.421211	0.0683	0.612015	0.0016	0.528442	0.0055
10882773	Socs5	-0.044771	0.9999	-0.415985	0.0079	-0.213786	0.1731	-0.401683	0.0041
10882777	Ttc7	0.050773	0.9999	-0.377875	0.0418	-0.385640	0.0166	-0.552417	0.0005
10883076	Rbks	-0.090805	0.9972	-0.228029	0.3592	-0.391661	0.0198	-0.280998	0.1192
10883098	Znf513	0.061497	0.9999	0.112177	0.7046	0.314256	0.0310	0.058056	0.8101
10883162	Slc30a3	0.040784	0.9999	0.654491	0.0385	0.481893	0.0946	0.855185	0.0014

10883200	Preb	-0.058817	0.9999	0.397147	0.0463	0.400199	0.0204	0.399079	0.0198
10883321	Asxl2	0.152032	0.9867	0.274421	0.4042	0.443424	0.0412	0.322356	0.1757
10883420	RGD1561792	0.132469	0.9921	-0.159583	0.6854	-0.337348	0.1015	-0.425558	0.0314
10883510	Pum2	0.084379	0.9999	0.217802	0.5315	0.482514	0.0177	0.153978	0.5907
10883557	Wdr35l	0.044324	0.9999	0.526397	0.0669	0.527165	0.0319	0.594883	0.0132
10883649	---	-0.198507	0.7312	-0.254329	0.0362	-0.183872	0.0982	0.052229	0.7615
10883785	Odc1	-0.154528	0.9247	-0.189523	0.3649	-0.122759	0.5026	-0.297973	0.0359
10883903	Rrm2	-0.041968	0.9999	-1.121286	0.0873	-1.094485	0.0487	-2.006832	0.0002
10884158	---	-0.235376	0.9593	0.422975	0.1953	0.529824	0.0346	0.562845	0.0229
10884174	Sypl1	-0.051295	0.9999	0.116277	0.6772	0.216662	0.1531	0.369278	0.0072
10884215	Twist1	-0.227632	0.9624	-0.540165	0.0762	-0.491028	0.0613	-0.635401	0.0115
10884220	Snx13	0.009775	0.9999	0.441814	0.0904	0.462914	0.0340	0.433175	0.0499
10884278	Ispd	0.161061	0.9734	-0.285905	0.3462	-0.422147	0.0448	-0.448894	0.0310
10884831	Fam179b	0.210723	0.9619	0.277988	0.4243	0.525852	0.0184	0.294589	0.2555
10885119	Daam1	0.150981	0.9921	0.527815	0.0451	0.305094	0.2355	0.288014	0.2837
10885145	Ikamp	-0.026421	0.9999	0.307616	0.0934	0.308821	0.0446	0.422532	0.0040
10885193	Ppm1a	-0.022079	0.9999	0.224917	0.1756	0.392940	0.0020	0.386295	0.0018
10885205	Rpl35a	-0.018122	0.9999	-0.096046	0.8559	-0.475726	0.0217	-0.377134	0.0810
10885217	Slc38a6	0.239802	0.9750	0.405544	0.3869	0.644627	0.0398	0.625206	0.0476
10885299	Rhoj	-0.040175	0.9999	-0.389615	0.3721	-0.718265	0.0132	-0.702091	0.0150
10885393	Akap5	0.044035	0.9999	0.791022	0.0142	0.974728	0.0008	0.893236	0.0016
10885400	Hspa2	-0.185284	0.9921	0.692303	0.0435	0.751717	0.0110	0.785720	0.0067
10885404	RGD1309051	-0.129474	0.9921	0.661181	0.0022	0.839119	0.0000	0.731607	0.0003
10885417	Plekhg3	-0.009498	0.9999	0.365612	0.2360	0.537975	0.0183	0.411710	0.0856
10885441	Churc1	0.060721	0.9999	-0.146433	0.7830	-0.476840	0.0417	-0.327385	0.2112
10885500	Mpp5	0.144286	0.9981	0.326868	0.4618	0.607837	0.0291	0.364463	0.2564
10885578	Rad51ll	-0.051748	0.9999	-0.387793	0.0492	-0.424957	0.0119	-0.558515	0.0007
10885628	Galnt1l	-0.039508	0.9999	-0.120937	0.8232	-0.558461	0.0113	-0.561437	0.0099
10885680	Smoc1	0.140525	0.9990	0.536004	0.1155	0.142017	0.7352	0.605747	0.0286
10885970	Ylpm1	0.216505	0.8997	0.300478	0.2065	0.459034	0.0101	0.351799	0.0566
10885998	Dlst	-0.145396	0.8770	-0.269580	0.0373	-0.250599	0.0279	-0.333483	0.0023
10886036	Jdp2	0.033724	0.9999	-0.394119	0.1171	-0.528935	0.0088	-0.693326	0.0005
10886185	LOC688717	-0.004864	0.9999	-0.126799	0.8338	-0.521468	0.0350	-0.370930	0.1714
10886298	Zc3h14	0.097316	0.9921	0.149490	0.5770	0.352193	0.0191	0.294222	0.0566
10886631	Glrx5	-0.004073	0.9999	0.202667	0.6475	0.515787	0.0260	0.761190	0.0007
10886693	Vrk1	-0.129753	0.9921	-0.413726	0.1032	-0.427804	0.0424	-0.624750	0.0019
10886728	Hhip1l	0.125612	0.9999	1.238223	0.0004	1.254813	0.0002	0.896533	0.0054
10886850	---	0.090729	0.9999	0.292736	0.7527	0.854686	0.0472	0.082410	0.9207
10886868	---	0.066410	0.9999	0.083742	0.9309	0.652733	0.0453	0.047130	0.9422
10887141	---	0.117190	0.9544	0.309979	0.0202	0.246201	0.0436	0.135080	0.3578
10887144	Dync1h1	0.239316	0.9277	0.349282	0.2488	0.555564	0.0115	0.503868	0.0222
10887306	Tnfaip2	-0.101778	0.9999	-1.014008	0.0006	-0.987275	0.0004	-1.090169	0.0001
10887338	Mark3	0.237894	0.8437	0.296797	0.1282	0.475363	0.0022	0.406438	0.0080
10887506	Siva1	-0.029312	0.9999	-0.468876	0.0685	-0.433284	0.0513	-0.776351	0.0003
10887516	LOC500726	0.012935	0.9999	0.291524	0.2894	0.528716	0.0064	0.425203	0.0306
10887538	Pld4	0.060753	0.9999	-0.228093	0.3459	-0.437533	0.0074	-0.257495	0.1541
10887627	LOC690422	-0.126986	0.9674	-0.515369	0.0024	-0.512077	0.0012	-0.571316	0.0003

10887719	Ncapg2	0.008681	0.9999	-0.525515	0.0543	-0.468124	0.0502	-0.931621	0.0001
10887842	Strn	0.095790	0.9999	0.412474	0.1429	0.521123	0.0195	0.470605	0.0364
10887861	Heatr5b	0.123832	0.9653	0.264061	0.1785	0.482311	0.0013	0.350130	0.0198
10887947	Cyp1b1	0.194604	0.9950	-0.542876	0.2488	-0.474584	0.2168	-0.690795	0.0493
10887990	Dhx57	0.108216	0.9921	0.214398	0.4475	0.439016	0.0130	0.341386	0.0633
10888021	Sos1	0.215258	0.9544	0.373760	0.1989	0.612060	0.0051	0.530885	0.0150
10888056	Map4k3	-0.006923	0.9999	-0.480314	0.0112	-0.577605	0.0008	-0.654244	0.0001
10888125	H3f3b	0.011277	0.9999	-0.293477	0.2951	-0.370817	0.0700	-0.424537	0.0339
10888150	Zfp3612	0.049732	0.9999	-0.414551	0.0646	-0.716141	0.0002	-0.629665	0.0007
10888153	Thada	-0.086704	0.9999	0.390907	0.1424	0.550003	0.0087	0.476339	0.0237
10888460	Birc6	0.151122	0.9624	0.215930	0.4265	0.322820	0.0716	0.349538	0.0489
10888602	Lclat1	0.025828	0.9999	0.284440	0.5094	0.223650	0.5038	0.574984	0.0253
10888612	Ypel5	0.202197	0.8872	0.287387	0.1589	0.316589	0.0523	0.430435	0.0056
10888684	Spdya	-0.081869	0.9998	0.257670	0.2747	0.340680	0.0481	0.316160	0.0728
10888692	Ppp1cb	-0.066550	0.9972	0.205547	0.2079	0.340410	0.0053	0.387237	0.0012
10888852	Trim54	-0.110933	0.9977	0.413413	0.1057	0.469349	0.0253	0.493052	0.0172
10888931	Abhd1	-0.036571	0.9999	0.471466	0.0187	0.748547	0.0000	0.701452	0.0001
10889022	Cenpa	-0.112876	0.9999	-0.801628	0.0073	-0.976476	0.0004	-0.972827	0.0003
10889156	Klhl29	-0.097127	0.9867	-0.319137	0.0455	-0.353078	0.0101	-0.493690	0.0003
10889199	Gen1	-0.110964	0.9999	-0.447814	0.1443	-0.623478	0.0097	-0.640400	0.0068
10889213	Vsnl1	0.077964	0.9999	-0.415665	0.0491	-0.465561	0.0101	-0.347996	0.0645
10889269	Lpin1	0.486016	0.8357	0.539270	0.1958	0.795114	0.0115	0.686783	0.0309
10889379	Id2	0.502795	0.7200	-0.871991	0.0017	-0.490714	0.0684	-0.376013	0.2026
10889388	Rnf144a	0.092406	0.9999	-0.520513	0.0367	-0.637572	0.0032	-0.729935	0.0006
10889419	---	-0.121195	0.8539	-0.200200	0.0308	-0.126915	0.1488	-0.142289	0.1010
10889475	Pxdn	0.044066	0.9999	0.778860	0.0143	0.486408	0.1095	-0.029267	0.9631
10889607	Pik3cg	-0.065148	0.9999	-0.417073	0.0059	-0.422339	0.0024	-0.377750	0.0058
10889660	Ahr	-0.270358	0.9620	-0.491837	0.2041	-0.518032	0.0903	-0.765152	0.0075
10889723	Smorce11	-0.209578	0.7312	-0.297109	0.0169	-0.116298	0.4016	-0.139377	0.2968
10889728	Arl4a	-0.304641	0.9544	0.715358	0.0486	1.117577	0.0003	0.595815	0.0654
10889766	Dnajb9	0.229350	0.9114	0.430257	0.0666	0.383275	0.0600	0.403556	0.0466
10889810	---	-0.235016	0.7722	-0.106597	0.7053	-0.279884	0.0451	-0.306991	0.0255
10889812	Strn3	-0.021014	0.9999	0.263381	0.4431	0.613561	0.0044	0.434000	0.0516
10889833	Hectd1	0.206226	0.8774	0.140208	0.6518	0.345316	0.0337	0.302031	0.0711
10889913	RGD1309138	-0.041091	0.9999	-0.353103	0.2344	-0.499436	0.0237	-0.469621	0.0338
10890031	Garnl1	0.164761	0.9589	0.445698	0.0204	0.482835	0.0049	0.454225	0.0073
10890156	Fbxo33	0.044258	0.9999	0.261675	0.3605	0.543829	0.0044	0.305315	0.1476
10890238	Rps29	-0.039000	0.9999	-0.120667	0.4460	-0.203740	0.0448	-0.183640	0.0786
10890252	Pole2	-0.187527	0.9921	-0.366696	0.4538	-0.606303	0.0537	-0.861256	0.0039
10890299	Rpl10a	0.016673	0.9999	-0.211537	0.2297	-0.486130	0.0002	-0.535214	0.0000
10890314	Sos2	0.162148	0.9921	0.373421	0.2616	0.674839	0.0046	0.408776	0.1118
10890365	Map4k5	0.126789	0.9921	0.307972	0.2812	0.456402	0.0263	0.235376	0.3426
10890441	Pygl	0.170233	0.9624	-0.356262	0.1433	-0.414324	0.0331	-0.414654	0.0323
10890759	Atp6v1d	-0.089544	0.9999	0.181196	0.7733	0.567726	0.0440	0.472638	0.1114
10890886	Zfp3611	0.296588	0.8713	-0.549875	0.0354	-0.635735	0.0050	-0.289119	0.2837
10890891	Dcaf5	-0.063563	0.9999	0.193597	0.6647	0.519460	0.0238	0.323125	0.2137
10891039	Numb	-0.102209	0.9950	0.342324	0.1291	0.455467	0.0113	0.407642	0.0240

10891203	RGD1307597	0.026599	0.9999	0.294889	0.0409	0.243408	0.0578	0.354593	0.0035
10891271	Nek9	0.068248	0.9999	0.135290	0.6418	0.392200	0.0091	0.222267	0.1902
10891502	Galc	0.275547	0.7312	-0.370411	0.0245	-0.273987	0.0708	-0.483912	0.0007
10891530	Ptpn21	0.029412	0.9999	0.346684	0.1935	0.483026	0.0171	0.412769	0.0459
10891548	Eml5	-0.006871	0.9999	0.131164	0.4870	0.088715	0.5651	0.286043	0.0110
10891561	Eml5	0.017372	0.9999	0.177337	0.2130	0.257525	0.0157	0.334038	0.0012
10891719	Smek1	0.181224	0.9867	0.253636	0.5789	0.701437	0.0056	0.322235	0.2842
10891818	Atxn3	-0.083925	0.9999	0.207372	0.5144	0.469515	0.0125	0.289089	0.1670
10891880	Prima1	-0.048287	0.9999	0.716134	0.0001	0.551604	0.0013	0.786439	0.0000
10891910	Ifi2712b	0.246499	0.9333	-0.455394	0.1173	-0.706411	0.0025	-0.741121	0.0011
10892050	RGD1304563	-0.041081	0.9999	-0.642644	0.0006	-0.431050	0.0144	-0.683323	0.0001
10892074	RGD1304878	0.109049	0.9942	0.496902	0.0175	0.756989	0.0001	0.567000	0.0020
10892097	RGD1304878	0.049816	0.9999	0.390398	0.3329	0.771140	0.0050	0.366515	0.2555
10892197	Rage	0.026279	0.9999	0.147428	0.4379	0.318814	0.0079	0.236694	0.0568
10892265	Ckb	0.047754	0.9999	-0.576025	0.0502	-0.750746	0.0028	-0.687607	0.0054
10892309	RGD1310269	0.309622	0.9885	-0.823352	0.1471	-1.069039	0.0168	-1.163216	0.0079
10892332	---	0.070285	0.9999	-0.471368	0.0233	-0.205063	0.3583	-0.370805	0.0518
10892515	---	-0.317450	0.7375	-0.310700	0.1744	-0.318521	0.0832	-0.376543	0.0343
10892616	---	-0.028876	0.9999	-0.012534	0.9761	0.069656	0.6494	0.219389	0.0458
10892702	Rpl32	-0.011880	0.9999	-0.119860	0.6976	-0.289290	0.0635	-0.323303	0.0346
10892980	Baz2a	0.188243	0.9624	0.362439	0.1977	0.480292	0.0252	0.447859	0.0380
10893035	Timeless	-0.057247	0.9999	-0.177891	0.6474	-0.273295	0.2287	-0.431344	0.0341
10893064	Apof	-0.100941	0.9136	-0.160398	0.1567	-0.177992	0.0482	-0.117404	0.2528
10893327	Usp12	0.040286	0.9999	0.290220	0.3095	0.428081	0.0340	0.270309	0.2402
10893355	Olr964	-0.192460	0.5767	-0.260805	0.0047	-0.185014	0.0328	-0.183481	0.0339
10893361	Npm1	-0.003763	0.9999	-0.176330	0.3345	-0.146623	0.3215	-0.271003	0.0320
10893402	---	0.257265	0.4739	0.164327	0.2947	0.265678	0.0166	0.122063	0.3718
10893412	Olr1063	-0.211555	0.7312	-0.111587	0.5864	-0.151854	0.2369	-0.238123	0.0388
10893482	S1pr4	0.075529	0.9921	0.250970	0.0577	0.257509	0.0235	0.183107	0.1361
10893528	Fzr1	-0.022061	0.9999	-0.294830	0.1751	-0.290034	0.0986	-0.394029	0.0179
10893586	Mrpl54	-0.184365	0.8614	-0.277237	0.0899	-0.483275	0.0004	-0.423196	0.0012
10893666	Lmnb2	-0.062336	0.9999	-0.198670	0.6184	-0.150041	0.6135	-0.433794	0.0469
10893849	Uqcr	-0.127010	0.9659	-0.165053	0.5491	-0.344370	0.0309	-0.211087	0.2498
10893899	Gamt	0.650897	0.4943	-0.398884	0.3321	-0.403219	0.1986	-0.589599	0.0399
10893983	Med16	-0.053799	0.9999	-0.212451	0.3649	-0.388250	0.0132	-0.307919	0.0579
10894333	Myo1f	0.883234	0.2371	-0.661464	0.0728	-0.765016	0.0130	-0.831625	0.0059
10894498	LOC362855	0.055749	0.9999	0.215336	0.4480	0.359094	0.0488	0.241263	0.2419
10894695	Igf1	0.532090	0.9507	-1.033774	0.1114	-1.178993	0.0266	-2.146258	0.0000
10894705	---	-0.249533	0.7905	-0.199797	0.3651	-0.312016	0.0378	-0.311022	0.0384
10894897	Hal	0.016782	0.9999	0.105245	0.6647	0.037696	0.8624	0.252644	0.0462
10894999	Tmcc3	0.027201	0.9999	-0.339430	0.1675	-0.533600	0.0048	-0.516716	0.0054
10895069	Btg1	0.055186	0.9999	0.364977	0.0976	0.500047	0.0053	0.514417	0.0034
10895075	Dcn	0.726385	0.9549	-1.408948	0.1307	-1.853180	0.0125	-2.240753	0.0019
10895083	Lum	0.572787	0.9374	-1.497510	0.0131	-2.494604	0.0000	-2.787352	0.0000
10895144	Duspb6	-0.603190	0.7200	-0.670606	0.0549	-0.666475	0.0272	-0.882379	0.0023
10895152	Kitlg	0.082539	0.9999	-0.869638	0.0109	-0.341350	0.3636	-0.469132	0.1765
10895337	Pawr	-0.041229	0.9999	0.715615	0.0069	0.911824	0.0002	1.073576	0.0000

10895344	E2f7	-0.118345	0.9972	-0.372311	0.1965	-0.466664	0.0350	-0.663799	0.0017
10895359	Csrp2	-0.010613	0.9999	0.665573	0.0228	0.539056	0.0424	0.561494	0.0332
10895406	Phlda1	-0.212909	0.9872	-0.597528	0.1129	-0.622470	0.0454	-0.627711	0.0437
10895456	---	0.221967	0.7200	0.184569	0.1984	0.142808	0.2478	0.246218	0.0234
10895458	Zfc3h1	0.145561	0.9936	0.299813	0.4431	0.526836	0.0352	0.331955	0.2460
10895585	Lyc2	0.067732	0.9999	-0.665608	0.0125	-0.638260	0.0080	-0.803996	0.0006
10895600	Mdm1	-0.052638	0.9999	-0.261635	0.2651	-0.363683	0.0334	-0.357204	0.0366
10895747	Avpr1a	-0.114453	0.9880	-0.404984	0.0302	-0.284241	0.0998	-0.338054	0.0439
10895797	Cdk4	0.070263	0.9921	-0.304160	0.0175	-0.504143	0.0000	-0.424583	0.0002
10895980	Tac2	0.026256	0.9999	-0.197092	0.2653	-0.258204	0.0469	-0.185473	0.1957
10896028	Pgcp	0.453391	0.8614	-0.893853	0.0165	-1.160936	0.0005	-1.475083	0.0000
10896040	RGD1562404	-0.123060	0.9921	-0.168526	0.6391	-0.452883	0.0157	-0.233878	0.2936
10896225	Rps29	-0.057407	0.9977	-0.150243	0.3460	-0.229080	0.0370	-0.182557	0.1172
10896263	Cthrc1	0.169425	0.9999	-0.091730	0.9495	-0.463792	0.3799	-1.100790	0.0100
10896284	Rims2	-0.112232	0.8437	-0.133784	0.1549	-0.257164	0.0004	-0.135568	0.0775
10896322	Tm7sf4	0.074984	0.9934	-0.340127	0.0148	-0.391414	0.0019	-0.220117	0.1024
10896503	Aard	0.078563	0.9999	-0.688631	0.2732	-0.858485	0.0638	-1.161038	0.0086
10896558	Col14a1	0.726257	0.8045	-2.602219	0.0000	-2.636315	0.0000	-3.145861	0.0000
10896632	Zhx2	0.039006	0.9999	0.600302	0.0155	0.546865	0.0147	0.557558	0.0118
10896772	Sqle	-0.192730	0.9620	0.201954	0.5897	0.287639	0.2140	0.465201	0.0249
10896836	Efr3a	0.235061	0.9247	0.150796	0.7444	0.489578	0.0224	0.366591	0.1076
10896935	Wisp1	-0.020492	0.9999	1.202074	0.0091	1.387284	0.0009	1.282062	0.0017
10896964	---	-0.425393	0.9441	-0.541322	0.3877	-0.708573	0.1015	-1.035210	0.0107
10897039	---	-0.269077	0.8614	-0.183402	0.5983	-0.242796	0.2690	-0.403443	0.0366
10897045	RGD1359378	0.114107	0.9942	0.211843	0.5318	0.390661	0.0538	0.503131	0.0097
10897068	Zfp41	0.003180	0.9999	-0.269027	0.1429	-0.207681	0.1961	-0.295048	0.0464
10897096	Gsdmd	-0.049648	0.9999	-0.274105	0.1585	-0.216062	0.1998	-0.339252	0.0257
10897194	Maf1	0.207813	0.9063	0.193422	0.5209	0.393115	0.0287	0.283369	0.1455
10897285	Scx	-0.095559	0.9990	0.643842	0.0017	0.584822	0.0023	0.486619	0.0104
10897419	Ncf4	0.022909	0.9999	-0.167846	0.6217	-0.383605	0.0370	-0.164928	0.4893
10897465	Cyth4	0.292416	0.8619	-0.649319	0.0059	-0.793699	0.0003	-0.743778	0.0005
10897547	Triobp	-0.073514	0.9972	-0.119468	0.6502	-0.328502	0.0157	-0.199798	0.1915
10897852	Tnrc6b	0.370712	0.7200	0.211422	0.5107	0.427946	0.0269	0.343646	0.0896
10897919	Ep300	0.186823	0.9620	0.340930	0.2172	0.554692	0.0068	0.495704	0.0155
10898022	Csdc2	-0.044441	0.9999	0.278217	0.3971	0.346733	0.1298	0.514286	0.0157
10898315	Fbln1	0.342617	0.9734	-0.912396	0.0846	-1.298884	0.0030	-1.322645	0.0019
10898573	Ncaph2	0.015259	0.9999	-0.292396	0.1153	-0.189439	0.2737	-0.399843	0.0064
10898676	Lrrk2	0.058627	0.9999	0.398155	0.1869	0.705649	0.0021	0.696354	0.0018
10898911	Arid2	0.264276	0.8669	0.346330	0.1889	0.450983	0.0260	0.345302	0.1079
10899073	Troap	-0.054869	0.9999	-0.554135	0.0565	-0.722176	0.0034	-0.945175	0.0001
10899174	Smardc1	0.106002	0.9814	-0.135696	0.5912	-0.271335	0.0586	-0.331825	0.0170
10899209	Dip2b	0.112619	0.9921	0.217541	0.4148	0.406193	0.0185	0.251420	0.1937
10899354	Acvrl1	0.026932	0.9999	-0.545442	0.0463	-0.684832	0.0035	-0.819185	0.0004
10899367	Acvrlb	0.144408	0.9990	0.279634	0.5965	0.777517	0.0070	0.563791	0.0599
10899441	Tenc1	0.008941	0.9999	-0.294717	0.3247	-0.452150	0.0306	-0.568365	0.0048
10899465	Igfbp6	0.578176	0.8669	-1.033247	0.0435	-0.772637	0.0956	-1.139450	0.0087
10899499	Esp11	0.136555	0.9921	-0.301481	0.3802	-0.311010	0.2235	-0.545500	0.0156

10899609	Hoxc5	-0.211570	0.8437	-0.164233	0.4789	-0.296411	0.0388	-0.278954	0.0551
10899644	Nckap11	0.541594	0.2371	-0.375774	0.0958	-0.561498	0.0023	-0.407725	0.0287
10899873	---	-0.024559	0.9999	0.198670	0.2718	0.021822	0.9315	0.296730	0.0216
10899913	Dgka	0.023843	0.9999	0.386954	0.0162	0.525793	0.0003	0.484083	0.0007
10900112	---	0.154345	0.8669	0.061031	0.8323	0.109792	0.4602	0.277121	0.0171
10900212	Tbxa2r	0.313458	0.8437	-0.221853	0.5410	-0.444504	0.0366	-0.264437	0.2863
10900306	Eef2	0.025837	0.9999	-0.014637	0.9673	-0.064367	0.6307	-0.192690	0.0481
10900358	Gadd45b	-0.066636	0.9999	0.623360	0.0116	0.489362	0.0313	0.651743	0.0028
10900511	Reep6	-0.125668	0.9582	0.256509	0.1091	0.397358	0.0021	0.448492	0.0004
10900545	Ndufs7	-0.027408	0.9999	-0.281656	0.2011	-0.273801	0.1205	-0.348581	0.0389
10900618	Gpx4	-0.123686	0.9310	-0.183772	0.2535	-0.283097	0.0152	-0.178781	0.1670
10900651	Abca7	0.133212	0.9921	0.427957	0.1171	0.554131	0.0116	0.543193	0.0124
10900782	Fstl3	-0.269214	0.9921	1.590407	0.0008	1.633475	0.0003	1.607481	0.0003
10901166	Angptl4	0.140144	0.9999	0.935198	0.2906	1.307920	0.0404	1.293844	0.0434
10901231	Timp3	0.129667	0.9999	1.585252	0.0000	1.447278	0.0000	1.612174	0.0000
10901413	Txnrd1	-0.164859	0.9819	0.043835	0.9534	0.570688	0.0096	0.385768	0.1015
10901538	LOC100310874	0.094509	0.9999	-0.509764	0.2440	-0.820633	0.0101	-0.813601	0.0099
10901722	Nr1h4	0.200932	0.9001	-0.853118	0.0000	-0.848208	0.0000	-0.956170	0.0000
10901783	Apaf1	0.230497	0.9620	0.343778	0.3708	0.581294	0.0246	0.283205	0.3708
10901823	Tmpo	0.098322	0.9985	-0.329239	0.1825	-0.205632	0.3686	-0.635520	0.0006
10901842	Nedd1	-0.084204	0.9999	0.193471	0.6918	0.574619	0.0176	0.589835	0.0135
10902022	---	-0.099400	0.9589	-0.171492	0.2211	-0.076029	0.5962	-0.213770	0.0448
10902024	Tmtc3	0.011658	0.9999	0.306505	0.3462	0.509732	0.0221	0.499868	0.0241
10902082	Tmtc2	0.119247	0.9310	-0.246117	0.0651	-0.401086	0.0004	-0.195818	0.1037
10902467	LOC499782	-0.032980	0.9999	-0.229223	0.2777	-0.416993	0.0054	-0.381737	0.0101
10902534	Yeats4	0.005896	0.9999	-0.152394	0.6574	-0.388558	0.0293	-0.291473	0.1273
10902547	Lyz2	0.849785	0.9013	-1.883962	0.0180	-2.042547	0.0042	-2.691421	0.0002
10902662	Irak3	0.288317	0.9620	-0.487522	0.2691	-0.514234	0.1274	-0.661463	0.0396
10902708	Rassf3	-0.012429	0.9999	0.443898	0.0945	0.452772	0.0413	0.271637	0.2945
10902714	Tbk1	0.260744	0.9544	0.404172	0.2771	0.718857	0.0065	0.531967	0.0511
10902804	Mon2	0.090236	0.9921	0.201106	0.3461	0.312414	0.0333	0.160776	0.3675
10902868	Slc16a7	-0.029404	0.9999	-0.388921	0.0376	-0.575458	0.0004	-0.412825	0.0101
10902957	Pip4k2c	-0.068838	0.9977	0.269265	0.0803	0.319113	0.0126	0.354063	0.0047
10903013	Mars	-0.148973	0.9867	0.426063	0.0926	0.487379	0.0201	0.526536	0.0104
10903206	---	0.151367	0.9999	-0.855393	0.3196	-0.907805	0.1607	-1.510520	0.0100
10903284	RGD1565493	-0.170411	0.7200	-0.152793	0.1818	-0.185869	0.0366	-0.013531	0.9391
10903294	RGD1565493	-0.078847	0.9921	-0.003146	0.9963	-0.299216	0.0210	-0.194872	0.1750
10903346	Pabpc1	0.124090	0.9624	-0.155243	0.5262	-0.100167	0.6166	-0.340700	0.0171
10903400	Ubr5	0.109953	0.9921	0.340110	0.0850	0.485450	0.0029	0.426458	0.0080
10903501	Lrp12	0.012042	0.9999	0.120998	0.7847	0.403085	0.0384	0.262012	0.2361
10903524	Abra	-0.062658	0.9999	0.489936	0.5853	1.083734	0.0311	0.573627	0.3439
10903529	Angpt1	0.636309	0.7200	-0.974989	0.0048	-1.181825	0.0003	-1.068801	0.0006
10903538	Rspo2	-0.169712	0.9095	-0.101267	0.7525	-0.319553	0.0300	0.076235	0.7439
10903707	---	-0.036408	0.9999	-0.184494	0.3288	-0.283630	0.0312	-0.264315	0.0471
10903763	Taf2	-0.044397	0.9999	0.128027	0.8338	0.520112	0.0378	0.203700	0.5461
10903790	Dscc1	-0.014377	0.9999	-0.528245	0.0692	-0.702090	0.0039	-0.881199	0.0003
10903816	Sntb1	-0.241829	0.9921	-0.775012	0.0890	-0.725063	0.0613	-0.846070	0.0251

10903860	Zhx1	0.157705	0.9867	0.355877	0.2322	0.450865	0.0442	0.371307	0.1168
10904161	Sla	0.223814	0.8541	-0.401752	0.0169	-0.470831	0.0019	-0.354369	0.0193
10904169	Ndrp1	0.357987	0.7409	-1.057552	0.0000	-1.075149	0.0000	-1.152164	0.0000
10904202	Zfat	0.184542	0.9819	0.354525	0.3224	0.526317	0.0364	0.326778	0.2588
10904377	Ptk2	-0.007771	0.9999	0.531711	0.0138	0.405042	0.0414	0.265026	0.2402
10904462	RGD1559695	-0.179038	0.7401	-0.237124	0.0392	-0.173985	0.0972	-0.176622	0.0962
10904948	Dgat1	-0.006781	0.9999	0.087936	0.7499	0.278923	0.0282	0.166123	0.2569
10905091	Recql4	-0.094477	0.9921	-0.196886	0.3708	-0.300880	0.0443	-0.225014	0.1670
10905307	Clqtnf6	0.222034	0.9968	-0.278117	0.7515	-0.904487	0.0246	-0.761937	0.0660
10905316	Rac2	0.225207	0.9990	-0.622250	0.3345	-0.977264	0.0288	-0.857453	0.0607
10905439	Csnk1e	0.110831	0.9872	0.272843	0.1901	0.338772	0.0349	0.348902	0.0286
10905773	Nfam1	-0.014516	0.9999	-0.431265	0.0814	-0.381479	0.0743	-0.559760	0.0054
10905909	RGD1566029	-0.018552	0.9999	0.331824	0.2651	0.210881	0.4328	0.488429	0.0224
10906592	Slc38a1	-0.283640	0.9010	0.317152	0.3751	0.446102	0.0695	0.507250	0.0349
10906608	Slc38a2	-0.020913	0.9999	0.228137	0.3444	0.562817	0.0006	0.500740	0.0017
10906736	Vdr	-0.104416	0.9921	-0.186836	0.4828	-0.378986	0.0196	-0.391181	0.0146
10906835	H1fnt	-0.257716	0.7401	-0.088562	0.7920	-0.290203	0.0487	-0.032259	0.9082
10906950	LOC100361136	0.041530	0.9999	0.210579	0.3220	0.340086	0.0217	0.217283	0.1884
10906975	---	0.347803	0.8614	0.497930	0.1099	0.758029	0.0026	0.621726	0.0127
10906977	Mll2	0.135662	0.9977	0.370016	0.3170	0.495705	0.0605	0.556998	0.0315
10907178	Racgap1	0.118447	0.9999	-1.094831	0.0339	-1.262934	0.0049	-1.889617	0.0000
10907302	Bin2	0.187667	0.8454	-0.349899	0.0112	-0.383943	0.0021	-0.382435	0.0017
10907605	Map3k12	0.045353	0.9999	0.383030	0.0669	0.602050	0.0006	0.404227	0.0220
10907637	Calcoco1	0.248268	0.9310	0.532473	0.0519	0.589569	0.0118	0.750223	0.0010
10907689	Itga5	-0.175164	0.9921	0.839589	0.0034	0.770356	0.0037	0.760743	0.0034
10907763	Uhrf1bp11	-0.103128	0.9999	0.628374	0.0187	0.920272	0.0002	0.912853	0.0001
10907825	Casp4	0.347703	0.9620	-0.676949	0.1515	-1.086188	0.0031	-1.112646	0.0019
10907845	Pdgfd	0.274153	0.9632	-0.309165	0.6069	-0.513973	0.1424	-0.785212	0.0152
10907869	Mmp12	0.554936	0.9921	-2.038583	0.0274	-2.704167	0.0009	-2.383996	0.0026
10907952	Tmem123	-0.038556	0.9999	0.315298	0.0598	0.375626	0.0082	0.423568	0.0022
10907962	Trpc6	-0.175330	0.9626	0.248963	0.4414	0.517735	0.0112	0.145998	0.6183
10908098	---	-0.121086	0.9999	-0.464825	0.3640	-0.617555	0.0851	-0.889631	0.0083
10908108	RGD1309410	-0.124808	0.9921	-0.244270	0.4410	-0.369733	0.0757	-0.422813	0.0375
10908127	Nek2	-0.097541	0.9999	-1.151200	0.0653	-1.134850	0.0341	-1.759715	0.0006
10908158	Mbd3l1	-0.301113	0.4060	-0.238928	0.1124	-0.355903	0.0033	-0.249643	0.0448
10908173	---	-0.116322	0.7316	-0.087819	0.3461	-0.141400	0.0270	-0.091842	0.1986
10908177	---	0.065360	0.9852	0.091820	0.5646	0.068361	0.5745	0.207023	0.0209
10908319	Icam1	-0.051202	0.9999	-0.779482	0.0052	-0.773551	0.0026	-0.835971	0.0009
10908562	Lppr2	-0.109265	0.9852	0.314841	0.0817	0.294536	0.0566	0.374050	0.0118
10908658	---	-0.242613	0.9435	0.570926	0.0331	0.823261	0.0004	0.801137	0.0005
10908702	Ncapd3	0.016657	0.9999	-0.251283	0.5048	-0.364492	0.1280	-0.524712	0.0189
10908764	Snx19	-0.032946	0.9999	0.413207	0.0082	0.433604	0.0024	0.354074	0.0124
10908776	Adamts8	-0.239016	0.9980	3.154660	0.0000	3.247123	0.0000	3.600251	0.0000
10908788	Zbtb44	0.137935	0.9795	0.233153	0.3961	0.392616	0.0305	0.352205	0.0571
10908827	Prdm10	-0.055874	0.9999	0.463973	0.4358	0.955038	0.0113	0.535196	0.2138
10908829	Prdm10	0.092700	0.9985	0.183277	0.5635	0.415655	0.0209	0.387805	0.0315
10909072	Esam	-0.182611	0.9931	-0.777999	0.0241	-0.619681	0.0486	-0.575997	0.0728

10909091	Siae	0.160352	0.9921	-0.236675	0.5928	-0.628300	0.0099	-0.496692	0.0468
10909239	Olr1259	0.113280	0.8773	0.134623	0.2735	0.177438	0.0487	0.113374	0.2735
10909319	Olr1341	0.052249	0.9942	0.005618	0.9867	-0.028225	0.8568	0.193133	0.0342
10909382	Vof16	-0.004221	0.9999	0.753532	0.2051	0.934937	0.0403	0.635107	0.2135
10909407	Thy1	-0.173721	0.9999	-1.957107	0.0001	-2.832220	0.0000	-2.122323	0.0000
10909446	Mcama	-0.331765	0.8614	0.976479	0.0002	0.888442	0.0003	1.134295	0.0000
10909480	H2afx	0.061862	0.9999	-0.301755	0.1786	-0.467820	0.0063	-0.433253	0.0107
10909639	Fxyd6	0.423459	0.8562	-0.903702	0.0042	-1.120113	0.0002	-1.141045	0.0001
10909646	Fxyd2	0.123890	0.9921	-0.434356	0.0392	-0.491453	0.0070	-0.340656	0.0752
10909761	Cadm1	0.085966	0.9999	-0.666053	0.0034	-1.040624	0.0000	-0.733875	0.0004
10909994	Kdelc2	0.152762	0.9630	-0.290019	0.2327	-0.405438	0.0250	-0.519758	0.0028
10910047	Sln	0.002422	0.9999	0.654133	0.3544	0.998038	0.0397	0.309142	0.6645
10910049	Gldn	0.027176	0.9999	0.529450	0.0022	0.439901	0.0064	0.407038	0.0109
10910094	Ireb2	0.093628	0.9990	0.214267	0.4947	0.378783	0.0498	0.236934	0.2893
10910237	Cspg4	-0.319823	0.8619	0.355423	0.2905	0.563962	0.0184	0.572009	0.0157
10910270	Sin3a	0.156999	0.9277	0.129328	0.6430	0.317582	0.0297	0.208317	0.2029
10910376	Cyp1a1	-0.428909	0.9921	-2.077599	0.0024	-1.609910	0.0120	-2.384879	0.0002
10910406	Sema7a	0.187498	0.9921	0.787866	0.0203	0.866500	0.0042	0.862220	0.0036
10910458	Rpl38	-0.128427	0.9451	-0.155737	0.4275	-0.309230	0.0131	-0.161893	0.2702
10910473	Hcn4	0.083927	0.9999	0.364503	0.3708	0.310009	0.3377	0.681535	0.0109
10910482	Adpgk	0.032224	0.9999	-0.313695	0.3571	-0.496082	0.0328	-0.565001	0.0127
10910490	Hexa	0.168837	0.9528	0.333757	0.1096	0.335194	0.0535	0.396802	0.0185
10910668	Anp32a	0.147231	0.9624	0.083797	0.8384	0.342340	0.0405	0.366689	0.0262
10910708	Cln6	0.092634	0.9998	-0.356113	0.1473	-0.479194	0.0129	-0.389627	0.0493
10910754	Rpl4	-0.040330	0.9999	-0.208837	0.1921	-0.221853	0.0799	-0.269957	0.0272
10910805	---	0.119481	0.9872	0.293664	0.1912	0.375781	0.0296	0.295532	0.1054
10910988	Pif1	-0.113194	0.9936	-0.383090	0.1032	-0.500436	0.0088	-0.436936	0.0227
10911010	Ns5atp9	-0.008325	0.9999	-0.971966	0.2298	-1.061875	0.0898	-1.899150	0.0011
10911016	Csnk1g1	-0.002803	0.9999	0.110611	0.7606	0.316738	0.0572	0.375926	0.0201
10911048	Dapk2	0.050125	0.9999	0.142823	0.6149	0.141031	0.4720	0.385074	0.0106
10911062	Herc1	0.247626	0.9136	0.277046	0.4018	0.499057	0.0210	0.404604	0.0713
10911380	Aldh1a2	0.402631	0.9620	-0.737513	0.1951	-1.139149	0.0080	-1.215771	0.0037
10911431	Rfx7	0.093094	0.9990	0.354595	0.1347	0.553325	0.0032	0.577448	0.0016
10911510	Ccpg1	0.413516	0.7312	0.490504	0.0592	0.445447	0.0487	0.467364	0.0370
10911742	Klh131	-0.144342	0.9843	-0.191452	0.5910	-0.270998	0.2202	-0.558784	0.0035
10911747	Gclc	-0.085305	0.9999	0.168928	0.7176	0.428211	0.0625	0.521370	0.0191
10911795	LOC499782	-0.032047	0.9999	-0.222400	0.2271	-0.366987	0.0068	-0.346253	0.0099
10911849	---	-0.284734	0.7316	-0.286193	0.1535	-0.319870	0.0450	-0.341356	0.0305
10911859	Senp6	0.133919	0.9819	0.249705	0.3350	0.404761	0.0238	0.268222	0.1753
10911947	Ttk	0.288579	0.9927	-0.836838	0.1894	-1.145687	0.0186	-1.471868	0.0018
10911988	---	0.252354	0.8614	0.205516	0.5099	0.247371	0.2388	0.380124	0.0448
10912003	Tpbg	-0.166204	0.9624	-0.415765	0.0662	-0.318598	0.1158	-0.439136	0.0216
10912088	Nt5e	-0.083494	0.9999	-1.241975	0.0004	-0.936557	0.0044	-1.080550	0.0008
10912112	Bcl2a1d	0.134227	0.9729	-0.330404	0.1189	-0.568659	0.0008	-0.337608	0.0549
10912218	Plscr1	-0.262564	0.9475	-0.485999	0.1319	-0.738036	0.0038	-0.639240	0.0117
10912245	Plscr4	0.513414	0.7905	-0.628809	0.0866	-0.594474	0.0569	-0.676942	0.0268
10912289	RGD1560736	0.410572	0.8562	-0.369129	0.3960	-0.605199	0.0355	-0.491164	0.1054

10912439	Rbp1	-0.192730	0.9998	-0.140567	0.9027	-0.866732	0.0349	-0.771226	0.0671
10912444	Rbp2	-0.131485	0.9852	-0.259089	0.3217	-0.230445	0.2690	-0.385719	0.0350
10912525	Stag1	0.265690	0.9224	0.182777	0.7141	0.546622	0.0233	0.148700	0.6812
10912669	Acad11	0.076459	0.9852	0.128898	0.4366	0.266063	0.0112	0.190122	0.0866
10912757	Pik3r4	0.281051	0.8437	0.382151	0.0929	0.426489	0.0238	0.190347	0.4237
10912826	Wdr51a	-0.060809	0.9999	-0.348570	0.0549	-0.578263	0.0002	-0.582346	0.0002
10912883	Vprbp	0.069599	0.9999	0.265012	0.3897	0.563440	0.0050	0.406683	0.0499
10912956	Tmem115	-0.077410	0.9999	0.246173	0.3350	0.455359	0.0090	0.414548	0.0174
10912977	Zmynd10	0.027253	0.9999	0.085676	0.7291	0.241633	0.0411	0.274250	0.0179
10913023	Ifrd2	-0.121912	0.9921	0.095659	0.8397	0.391658	0.0414	0.317485	0.1187
10913037	Mon1a	0.248962	0.8669	0.432637	0.0492	0.530694	0.0047	0.543019	0.0031
10913043	Mst1r	0.028874	0.9999	0.248331	0.3486	0.380836	0.0369	0.312793	0.1028
10913078	Traip	0.013330	0.9999	-0.207702	0.3509	-0.352899	0.0200	-0.481070	0.0010
10913176	RGD1311095	0.057219	0.9999	0.075197	0.8736	0.359481	0.0481	0.310900	0.1011
10913242	Ip6k2	0.109083	0.9921	0.201955	0.5028	0.446282	0.0127	0.450316	0.0110
10913501	Plxnb1	0.145954	0.9921	0.448380	0.1005	0.489141	0.0304	0.656794	0.0025
10913691	Setd2	0.177700	0.9544	0.293218	0.2319	0.434732	0.0165	0.383437	0.0366
10913899	Clasp2	0.207543	0.8973	0.265994	0.2601	0.373531	0.0300	0.276113	0.1368
10914025	Osbpl10	-0.066966	0.9999	0.232539	0.3296	0.342841	0.0401	0.237828	0.1995
10914083	Itga9	-0.059759	0.9999	0.383234	0.0153	0.492344	0.0005	0.359970	0.0106
10914153	Ctdspl	0.116328	0.9936	-0.428242	0.0664	-0.261032	0.2437	-0.524983	0.0065
10914314	---	-0.040808	0.9999	-0.137943	0.7359	-0.403165	0.0372	-0.325436	0.1118
10914331	Myrip	-0.164481	0.9942	0.702147	0.0298	0.687769	0.0156	0.459310	0.1386
10914424	Hhat1	0.360816	0.9413	-0.895941	0.0203	-1.281851	0.0003	-1.449222	0.0000
10914517	Tmem42	-0.019049	0.9999	-0.183256	0.4112	-0.292172	0.0474	-0.284181	0.0560
10914546	---	0.176522	0.9921	-0.716217	0.0224	-0.908744	0.0011	-0.776770	0.0044
10914853	RGD1564081	-0.060465	0.9999	0.494968	0.1155	0.871082	0.0006	0.651648	0.0091
10914877	---	0.071490	0.9999	0.645084	0.1299	1.045441	0.0020	0.654114	0.0636
10915131	Fat3	-0.236562	0.7200	-0.312644	0.0173	-0.247896	0.0399	-0.267165	0.0247
10915353	Col5a3	0.069814	0.9999	-0.372576	0.2334	-0.580178	0.0117	-0.683292	0.0023
10915483	S1pr2	0.047907	0.9999	-0.456792	0.0806	-0.346318	0.1386	-0.538839	0.0122
10915567	Yipf2	0.141680	0.9593	0.218815	0.3015	0.350057	0.0192	0.354296	0.0167
10915578	Spc24	-0.091160	0.9999	-1.002024	0.0328	-1.081945	0.0084	-1.559843	0.0001
10915716	Zfp653	-0.000740	0.9999	0.322694	0.0656	0.326154	0.0295	0.271792	0.0810
10915751	---	-0.134632	0.9999	-0.734758	0.2030	-0.781524	0.0852	-1.317658	0.0018
10915787	Dpy191	0.032831	0.9999	0.508030	0.0016	0.394148	0.0089	0.358777	0.0171
10915910	Jam3	-0.000655	0.9999	0.104716	0.8627	0.499409	0.0351	0.362252	0.1608
10915933	Adamts15	0.248638	0.9620	0.546561	0.0973	0.504371	0.0713	0.579217	0.0339
10915942	Adamts8	0.131497	0.9999	0.376372	0.3696	0.333158	0.3116	0.595772	0.0356
10915998	Kcnj5	0.035203	0.9999	0.463791	0.2835	0.722615	0.0194	0.638921	0.0416
10916060	Ddx25	-0.077413	0.9999	0.128934	0.7251	0.047711	0.8781	0.354060	0.0462
10916073	LOC680262	-0.039505	0.9999	-0.355369	0.3221	-0.532695	0.0344	-0.586063	0.0178
10916156	---	0.170882	0.9950	-0.057243	0.9557	-0.663506	0.0289	-0.710059	0.0176
10916534	Sc5dl	-0.176135	0.9665	0.248194	0.4987	0.350114	0.1377	0.616289	0.0039
10916567	Tbcel	0.093506	0.9998	0.405229	0.0890	0.431276	0.0304	0.538461	0.0051
10916598	Arhgef12	0.143927	0.9642	0.320652	0.1438	0.526341	0.0022	0.368983	0.0349
10916659	Oaf	0.081830	0.9999	-0.302190	0.4284	-0.601419	0.0131	-0.670529	0.0047

10916697	Nlr1	0.101327	0.9942	-0.138242	0.6981	-0.351050	0.0497	-0.423787	0.0144
10916880	Mll1	0.167858	0.9716	0.275567	0.3984	0.468335	0.0295	0.378372	0.0936
10916981	Cep164	-0.023423	0.9999	0.293343	0.2344	0.429397	0.0186	0.425417	0.0189
10917260	Dixdc1	0.131065	0.9956	0.456483	0.1101	0.538650	0.0210	0.481311	0.0416
10917285	LOC689959	0.018323	0.9999	0.294408	0.2981	0.418189	0.0388	0.249246	0.2917
10917448	Acat1	0.141596	0.9921	-0.357723	0.2327	-0.488813	0.0289	-0.500141	0.0240
10917462	Cul5	0.124387	0.9968	0.298596	0.3842	0.491444	0.0318	0.343872	0.1714
10917703	RGD1312026	0.015905	0.9999	0.330363	0.2128	0.430428	0.0323	0.466819	0.0182
10917707	RGD1312026	-0.155682	0.9653	0.288590	0.2813	0.459144	0.0161	0.454665	0.0164
10917770	Mpi	-0.129567	0.9921	0.258308	0.3649	0.352507	0.0760	0.479525	0.0109
10917924	Neo1	0.102091	0.9990	0.425967	0.0826	0.600747	0.0031	0.664631	0.0008
10917969	Arih1	-0.049847	0.9999	0.342253	0.1282	0.501523	0.0051	0.472794	0.0074
10917998	RGD1566296	0.265977	0.9624	-0.573094	0.1382	-0.689611	0.0256	-0.671128	0.0295
10918031	Kif23	0.159132	0.9999	-0.918647	0.0658	-0.916709	0.0320	-1.443162	0.0005
10918075	Coro2b	0.490777	0.2371	-0.335310	0.1170	-0.595205	0.0005	-0.595832	0.0004
10918089	Fem1b	0.033292	0.9999	0.162639	0.6583	0.402233	0.0356	0.239069	0.2842
10918169	Smad3	0.021460	0.9999	-0.273996	0.2226	-0.312737	0.0699	-0.514466	0.0015
10918191	Zwilch	0.031641	0.9999	-0.285884	0.7642	-0.479033	0.3458	-0.960651	0.0240
10918374	Rab8b	0.304411	0.9136	-0.473688	0.1668	-0.283711	0.3788	-0.654154	0.0124
10918383	---	-0.105986	0.9999	-0.447478	0.4064	-0.596177	0.1047	-0.767284	0.0291
10918509	Ccnb2	0.094883	0.9999	-1.302824	0.0497	-1.590236	0.0050	-2.102063	0.0002
10918600	Cgnl1	-0.054223	0.9999	0.617327	0.0357	0.509063	0.0530	0.498913	0.0600
10918945	Tmem30a	0.018730	0.9999	0.082918	0.6956	0.187053	0.0857	0.216873	0.0408
10919103	Me1	-0.011065	0.9999	0.378257	0.0479	0.567987	0.0005	0.633114	0.0001
10919118	Snap91	-0.691744	0.7200	0.645473	0.1428	0.600286	0.1001	0.789004	0.0232
10919283	Tbc1d2b	0.120639	0.9959	-0.358137	0.2132	-0.476250	0.0288	-0.677284	0.0012
10919339	Trpc1	-0.298686	0.8614	0.382201	0.1816	0.704875	0.0012	0.610744	0.0042
10919453	Pik3cb	-0.093924	0.9999	0.619154	0.0148	0.661330	0.0038	0.903514	0.0001
10919637	Tf	0.308778	0.8614	-0.455483	0.1000	-0.538042	0.0179	-0.632229	0.0041
10919712	Ccr1	-0.368087	0.8614	-2.231052	0.0000	-2.723434	0.0000	-2.791897	0.0000
10919798	LOC688828	0.117087	0.9310	0.131063	0.4574	0.043018	0.8124	0.350515	0.0010
10919830	Atp2c1	-0.006325	0.9999	0.224971	0.2211	0.313725	0.0228	0.177020	0.2702
10919897	Acy1	0.020851	0.9999	-0.230250	0.2477	-0.006269	0.9828	-0.349300	0.0154
10920109	Gnai2	0.047867	0.9999	-0.235617	0.1362	-0.304160	0.0153	-0.304183	0.0144
10920148	Sema3f	0.132370	0.9653	-0.421957	0.0173	-0.670647	0.0000	-0.549635	0.0005
10920298	Dag1	0.063322	0.9999	0.144328	0.7317	0.218835	0.3555	0.420512	0.0347
10920322	P4htm	-0.089773	0.9998	0.251365	0.3751	0.248845	0.2448	0.413079	0.0295
10920334	Arih2	0.040825	0.9999	0.269666	0.2397	0.457247	0.0063	0.415813	0.0123
10920395	Dhx30	0.094468	0.9870	0.148907	0.5099	0.386774	0.0038	0.167125	0.2953
10920461	Nradd	-0.048333	0.9999	-0.446165	0.1069	-0.579564	0.0099	-0.678594	0.0019
10920745	Tgfb2	0.333357	0.8614	-0.663792	0.0109	-0.809223	0.0006	-0.861177	0.0002
10920797	Cmc1	0.125993	0.9921	-0.036595	0.9557	-0.208944	0.3676	-0.386789	0.0491
10920803	Plcd1	0.043932	0.9999	-0.384216	0.2172	-0.384504	0.1183	-0.552052	0.0169
10920868	Scn5a	-0.134577	0.9990	0.878297	0.0025	0.900739	0.0009	0.952286	0.0004
10920967	Csrnp1	-0.299684	0.9525	0.415049	0.3457	0.835282	0.0049	0.673349	0.0246
10921059	Zfp651	-0.006604	0.9999	0.323584	0.0592	0.409405	0.0047	0.349850	0.0157
10921163	Ccr1	0.079442	0.9990	-0.290538	0.1576	-0.347196	0.0324	-0.235892	0.1902

10921195	Xiap	0.021487	0.9999	0.342703	0.0332	0.239743	0.1063	0.391387	0.0044
10921232	Sgol1	0.099614	0.9999	-0.446467	0.2052	-0.736063	0.0053	-0.727170	0.0050
10921274	Satb1	0.131411	0.9990	0.711556	0.0147	0.548820	0.0410	0.776372	0.0024
10921343	Rftn1	-0.155583	0.9934	-0.547865	0.0829	-0.811401	0.0019	-0.686033	0.0078
10921355	Daam2	0.122256	0.9819	-0.208061	0.4085	-0.157531	0.4443	-0.364758	0.0257
10921444	Tomm6	-0.056676	0.9999	-0.090005	0.8677	-0.459242	0.0290	-0.336471	0.1380
10921457	Guca1a	-0.008358	0.9999	0.068814	0.8615	0.038961	0.8884	0.316112	0.0407
10921515	RGD1305680	0.291896	0.7316	0.175979	0.5087	0.331806	0.0391	0.231017	0.1957
10921645	LOC680835	0.162976	0.9247	-0.188758	0.4064	-0.265111	0.0849	-0.386080	0.0075
10921672	Mea1	-0.090347	0.9620	-0.194981	0.1157	-0.279769	0.0049	-0.287219	0.0031
10921680	Cnpy3	-0.091711	0.9999	-0.298320	0.3728	-0.453084	0.0468	-0.496791	0.0266
10921727	Tjap1	0.043060	0.9999	0.264496	0.2706	0.395563	0.0223	0.426619	0.0119
10921784	Tmem63b	0.068909	0.9999	0.213340	0.3851	0.288814	0.0879	0.516358	0.0010
10921910	Enpp4	-0.024615	0.9999	0.297201	0.1936	0.442260	0.0106	0.470943	0.0054
10922145	Tmem14a	-0.028420	0.9999	-0.308351	0.1008	-0.556091	0.0003	-0.456029	0.0022
10922286	Dst	0.160899	0.9872	0.776177	0.0015	0.872319	0.0002	0.769208	0.0006
10922572	Cox5b	-0.089550	0.9942	-0.215367	0.3352	-0.379493	0.0130	-0.377401	0.0126
10922650	Inpp4a	-0.038160	0.9999	0.207950	0.2507	0.375540	0.0040	0.181451	0.2300
10922701	Eif5b	0.142447	0.9921	0.332719	0.2950	0.509010	0.0245	0.391945	0.1010
10922826	Il1r1	0.045651	0.9999	-1.074310	0.0003	-1.074930	0.0001	-1.537439	0.0000
10922857	Il1rl1	-0.291936	0.9923	-1.608494	0.0020	-2.093783	0.0000	-2.966437	0.0000
10922969	Tpp2	0.098039	0.9978	0.153371	0.6808	0.393955	0.0373	0.256570	0.2316
10923052	Col3a1	0.238767	0.9925	-0.528357	0.3861	-0.890907	0.0281	-1.220080	0.0017
10923104	Wdr75	-0.038641	0.9999	0.481397	0.0731	0.747115	0.0009	0.474758	0.0379
10923191	Mfsd6	0.103899	0.9999	0.758728	0.0017	0.793722	0.0005	0.826638	0.0002
10923215	Gls	0.041766	0.9999	0.311504	0.3415	0.537477	0.0161	0.342175	0.1670
10923237	Myo1b	0.213063	0.9620	-0.379664	0.2293	-0.532817	0.0234	-0.734022	0.0012
10923381	Spats2l	0.283948	0.8932	-0.295847	0.3925	-0.377297	0.1157	-0.619836	0.0050
10923385	Sgol2	-0.124856	0.9999	-1.007493	0.0392	-1.170649	0.0055	-1.267202	0.0021
10923432	Aox3	0.029452	0.9999	-0.024339	0.9228	0.025881	0.8655	0.181150	0.0395
10923606	Stradb	-0.029221	0.9999	0.402756	0.3007	0.568467	0.0410	0.532491	0.0596
10923687	Bmpr2	0.075107	0.9999	0.333776	0.1589	0.509601	0.0055	0.562409	0.0017
10923727	---	0.343873	0.8614	0.475840	0.1331	0.745529	0.0030	0.597926	0.0171
10923768	Cyp20a1	0.199927	0.9659	-0.390148	0.2511	-0.415194	0.1117	-0.713045	0.0029
10923835	Nrp2	0.003826	0.9999	-0.846043	0.0065	-1.056353	0.0003	-1.263149	0.0000
10923877	Adam23	0.195655	0.9589	-0.255752	0.4243	-0.542552	0.0077	-0.286046	0.2217
10923940	Ccny1l	-0.232059	0.9942	0.553378	0.3508	0.829273	0.0427	0.400850	0.4363
10924015	Map2	-0.162288	0.7905	-0.330816	0.0012	-0.255670	0.0080	-0.299528	0.0014
10924172	---	-0.293433	0.9201	-0.485060	0.1422	-0.591558	0.0246	-0.551896	0.0367
10924286	Slc11a1	0.312718	0.9620	-0.911018	0.0175	-0.885092	0.0103	-0.544311	0.1525
10924313	Vil1	-0.309954	0.7312	-0.308610	0.1464	-0.346846	0.0414	-0.307161	0.0803
10924335	Plcd4	-0.187359	0.9010	-0.366280	0.0451	-0.221358	0.2083	-0.321238	0.0464
10924672	Acsl3	-0.093088	0.9999	0.441195	0.1812	0.530236	0.0389	0.510339	0.0489
10925060	Inpp5d	-0.022082	0.9999	-0.355655	0.1689	-0.520733	0.0089	-0.374715	0.0727
10925158	Ugt1a5	0.209549	0.8570	-0.456888	0.0034	-0.433345	0.0028	-0.322827	0.0273
10925264	Sh3bp4	-0.057987	0.9999	0.376082	0.1005	0.565178	0.0024	0.712296	0.0001
10925365	Ramp1	0.149937	0.9968	-0.599509	0.0604	-0.634604	0.0201	-0.739675	0.0053

10925382	Scly	0.127368	0.9624	-0.263358	0.1662	-0.367046	0.0124	-0.353792	0.0155
10925695	Pam	-0.026680	0.9999	0.282913	0.1096	0.375523	0.0086	0.337943	0.0179
10925783	Man2a1	0.036218	0.9999	-0.176205	0.7926	-0.459862	0.1351	-0.654158	0.0228
10925839	Ddx11	-0.152777	0.9921	-0.367052	0.2407	-0.595756	0.0091	-0.759702	0.0007
10926068	Ppid	-0.016419	0.9999	0.266211	0.2838	0.362575	0.0442	0.303504	0.1090
10926204	Mocs1	0.026206	0.9999	-0.292479	0.1767	-0.512780	0.0020	-0.336061	0.0490
10926245	Trem2	0.433348	0.7200	-0.721293	0.0019	-0.895816	0.0001	-0.966933	0.0000
10926388	---	-0.165253	0.7341	-0.113157	0.4284	-0.242014	0.0076	-0.206537	0.0234
10926453	Ppp2r5d	0.057409	0.9999	-0.247687	0.2838	-0.262499	0.1368	-0.340889	0.0421
10926503	Yipf3	-0.035925	0.9999	0.199058	0.2130	0.243944	0.0458	0.308723	0.0086
10926642	Clic5	-0.198620	0.9795	0.689852	0.0156	0.695989	0.0067	0.909569	0.0003
10926930	Mcm3	-0.003737	0.9999	-0.117965	0.9023	-0.562827	0.1171	-0.889360	0.0074
10926958	Gsta3	-0.028123	0.9999	-1.088222	0.0006	-0.818995	0.0058	-0.752767	0.0106
10926965	Rpl10a	-0.037920	0.9999	-0.243290	0.0741	-0.466810	0.0001	-0.502929	0.0000
10926967	LOC501110	0.478576	0.8973	0.346352	0.6472	0.841642	0.0342	0.811751	0.0423
10927179	Phf3	0.202622	0.9630	0.174419	0.7322	0.493618	0.0422	0.263642	0.3709
10927209	Znf622	-0.025075	0.9999	0.179660	0.5770	0.379050	0.0378	0.277489	0.1631
10927230	Bag2	-0.136803	0.9959	0.555956	0.0499	0.704838	0.0036	0.481103	0.0552
10927233	Zfp451	0.227537	0.9038	0.384095	0.1077	0.555796	0.0039	0.420925	0.0315
10927281	Rps14	-0.093323	0.9999	-0.162943	0.7046	-0.465849	0.0276	-0.403683	0.0625
10927352	Lman2l	-0.005563	0.9999	0.296986	0.2322	0.371171	0.0476	0.505115	0.0048
10927413	Actr1b	-0.014819	0.9999	0.366095	0.0084	0.416098	0.0010	0.342660	0.0059
10927427	Tmem131	0.179914	0.9620	0.234577	0.4496	0.554541	0.0042	0.490335	0.0106
10927538	Rev1	0.121795	0.9990	0.079806	0.9065	0.540607	0.0252	0.161622	0.6453
10927588	Lonrf2	0.100550	0.9985	-0.316077	0.2240	-0.412474	0.0350	-0.422842	0.0295
10927639	Creg2	-0.025108	0.9999	0.148620	0.2879	0.090995	0.4758	0.319798	0.0009
10927680	Tgfbra1	0.225622	0.8614	0.199390	0.4525	0.516489	0.0018	0.324288	0.0591
10927900	Sdpr	0.115067	0.9999	-0.485175	0.2366	-0.677813	0.0260	-0.782628	0.0082
10928030	---	0.027710	0.9999	0.157398	0.4230	0.272951	0.0316	0.150887	0.3170
10928084	Ankrd44	-0.069436	0.9999	0.254646	0.3588	0.393001	0.0381	0.260242	0.2237
10928229	Clk1	0.123889	0.9998	0.212966	0.6871	0.538128	0.0443	0.379152	0.2012
10928275	Fam126b	0.197030	0.9998	0.746746	0.1662	1.088242	0.0089	0.784331	0.0719
10928326	---	-0.004036	0.9999	0.032055	0.8701	0.004433	0.9764	0.161432	0.0324
10928367	Mpp4	-0.293878	0.1518	-0.235916	0.0199	-0.164747	0.0831	-0.148923	0.1319
10928475	Ino80d	0.251982	0.8925	0.264890	0.3848	0.407092	0.0472	0.222760	0.3675
10928626	Lanc11	0.113425	0.9653	0.327945	0.0393	0.461914	0.0008	0.427896	0.0014
10928684	Bard1	0.141529	0.9999	-0.793252	0.0489	-0.808395	0.0201	-1.200508	0.0004
10928855	Tns1	-0.051650	0.9999	0.445072	0.1810	0.548139	0.0338	0.621932	0.0136
10928902	Tmbim1	-0.092786	0.9999	0.972130	0.0001	1.189881	0.0000	1.441601	0.0000
10928940	Znf142	0.126275	0.9942	0.430718	0.1037	0.594947	0.0056	0.557740	0.0086
10928963	Prkag3	-0.038930	0.9999	0.373320	0.1086	0.284430	0.1668	0.514486	0.0053
10929054	RGD735175	0.309495	0.7803	0.262551	0.3133	0.368129	0.0468	0.489274	0.0057
10929161	Dnpep	-0.063060	0.9921	0.232022	0.0448	0.197996	0.0525	0.322528	0.0009
10929301	Cul3	0.056899	0.9999	0.188250	0.4483	0.317331	0.0463	0.223102	0.2074
10929390	Irs1	0.325412	0.8437	-0.222720	0.5619	-0.138618	0.6559	-0.447098	0.0434
10929396	Col4a4	0.269038	0.8578	-0.355374	0.1362	-0.303888	0.1330	-0.425009	0.0251
10929491	Trip12	0.107331	0.9620	0.145972	0.4126	0.291032	0.0113	0.240456	0.0399

10929713	Hjrup	0.032558	0.9999	-0.384588	0.5711	-0.543281	0.1991	-0.812951	0.0346
10929766	Col6a3	0.093886	0.9999	-0.792738	0.2755	-1.412929	0.0062	-1.849346	0.0003
10929817	---	-0.222606	0.8063	-0.327557	0.0448	-0.318197	0.0251	-0.254657	0.0866
10929929	Myeov2	-0.117913	0.9819	-0.114367	0.7370	-0.376850	0.0177	-0.108833	0.6373
10929995	Pask	-0.099292	0.9942	-0.344688	0.0958	-0.384820	0.0248	-0.341889	0.0500
10930076	Dtymk	0.070021	0.9999	-0.212247	0.4111	-0.318263	0.0645	-0.443077	0.0067
10930201	---	0.105086	0.9990	0.495656	0.0368	0.434903	0.0384	0.576510	0.0042
10930259	Rab31	-0.065003	0.9999	-0.500750	0.0156	-0.469888	0.0120	-0.595732	0.0011
10930301	Twsg1	0.198708	0.9333	0.486487	0.0210	0.479863	0.0110	0.556209	0.0024
10930307	Ndufv2	-0.097663	0.9977	-0.247513	0.3660	-0.254577	0.2158	-0.375217	0.0456
10930385	Arhgap28	-0.041460	0.9999	-0.100266	0.8977	-0.427074	0.1588	-0.620677	0.0270
10930488	Ndc80	0.243134	0.9999	-0.983506	0.2407	-1.278070	0.0410	-1.911805	0.0014
10930510	Tyms	-0.061906	0.9999	-0.440647	0.0310	-0.125450	0.6152	-0.535523	0.0021
10930749	10-Sep	-0.060874	0.9999	-0.511967	0.0624	-0.559701	0.0165	-0.711262	0.0017
10931047	LOC363331	0.094825	0.9867	-0.075485	0.8144	-0.193710	0.1882	-0.320630	0.0156
10931081	---	0.031479	0.9999	-0.057489	0.8546	-0.257070	0.0380	-0.075266	0.6835
10931159	Tmem37	0.096142	0.9999	-0.665925	0.0055	-0.594857	0.0070	-0.572055	0.0086
10931247	Metrl1	-0.122267	0.9999	-0.400549	0.5318	-0.605138	0.1287	-0.784303	0.0385
10931457	Uhrf1	0.065006	0.9999	-0.657288	0.1472	-0.941607	0.0080	-1.385407	0.0001
10931477	Tnfaip8l1	-0.173021	0.9843	-0.426350	0.1599	-0.820225	0.0005	-0.619559	0.0075
10931498	Chaf1a	0.105525	0.9999	-0.187938	0.7242	-0.361159	0.1968	-0.667165	0.0069
10931558	Efcab1	-0.092076	0.9873	-0.328190	0.0278	-0.332767	0.0115	-0.260196	0.0557
10931780	Pif1	-0.113194	0.9936	-0.383090	0.1032	-0.500436	0.0088	-0.436936	0.0227
10932269	---	-0.061357	0.9999	-0.082561	0.8255	-0.327370	0.0345	-0.302874	0.0542
10932279	Med14	0.028909	0.9999	0.340684	0.3224	0.528756	0.0281	0.540273	0.0234
10932310	---	0.060298	0.9999	0.043238	0.9553	0.527789	0.0196	0.345265	0.1666
10932351	Srpx	0.247182	0.9819	-0.437443	0.3761	-0.755965	0.0223	-0.886063	0.0058
10932422	Rbm3	0.058443	0.9999	-0.755647	0.0055	-0.814532	0.0012	-0.891003	0.0003
10932437	Was	-0.162904	0.8614	-0.239446	0.1075	-0.335679	0.0052	-0.329217	0.0053
10932453	Suv39h1	-0.200883	0.9223	-0.308235	0.1930	-0.416993	0.0211	-0.441390	0.0129
10932459	Glod5	0.113649	0.9999	-0.577110	0.1814	-0.775998	0.0195	-0.914275	0.0046
10932557	---	-0.179156	0.9620	-0.009167	0.9906	0.287333	0.1747	0.391157	0.0488
10932642	Pcbp2	0.128880	0.8614	0.141313	0.2888	0.167340	0.0912	0.218077	0.0207
10932795	Acsl4	-0.113339	0.9999	0.447691	0.1766	0.694373	0.0061	0.647106	0.0099
10932904	---	0.113623	0.9921	0.383766	0.0631	0.400418	0.0232	0.301026	0.1081
10932917	Pfkfb1	-0.150170	0.8872	-0.215404	0.1579	-0.278267	0.0200	-0.204449	0.1085
10933042	LOC501546	0.221964	0.8872	0.201522	0.4850	0.400642	0.0231	0.357647	0.0456
10933186	RGD1560601	0.035366	0.9999	0.136052	0.7808	0.481515	0.0246	0.324624	0.1684
10933507	Reps2	-0.066990	0.9999	-0.229067	0.4155	-0.430631	0.0177	-0.383538	0.0366
10933538	---	0.112153	0.9999	0.475099	0.2648	0.713593	0.0204	0.615175	0.0503
10933576	---	0.193831	0.9867	0.252617	0.6265	0.299381	0.3679	0.621731	0.0239
10933699	Prdx4	0.071635	0.9999	-0.201038	0.4981	-0.361868	0.0464	-0.435457	0.0133
10933780	Sts	0.074568	0.9999	0.283076	0.1726	0.159818	0.4238	0.414689	0.0082
10933949	---	-0.047248	0.9999	0.484711	0.4828	0.440174	0.3919	0.972710	0.0199
10933957	Rpl32	-0.011310	0.9999	-0.125837	0.6414	-0.286173	0.0458	-0.307120	0.0299
10934042	---	-0.100896	0.8628	-0.173646	0.0491	-0.094361	0.2838	-0.092769	0.3044
10934173	Efnb1	0.011970	0.9999	-0.500167	0.0064	-0.623287	0.0003	-0.425195	0.0108

10934239	Kif4	0.097733	0.9999	-0.930572	0.1901	-0.871555	0.1309	-1.704241	0.0012
10934312	Foxo4	0.213188	0.9589	0.427770	0.1246	0.452224	0.0474	0.234523	0.4032
10934445	Ogt	0.222359	0.9630	0.520373	0.1037	0.832301	0.0013	0.550194	0.0375
10934500	Rps26	-0.044460	0.9999	-0.167797	0.2590	-0.123117	0.3337	-0.220413	0.0440
10934577	Gpbp111	0.074244	0.9999	0.335841	0.2196	0.497436	0.0145	0.370401	0.0844
10934608	---	0.253475	0.9507	-0.538068	0.0730	-0.404925	0.1321	-0.506726	0.0496
10934637	RGD1560455	0.429124	0.8832	-0.640492	0.1267	-0.800535	0.0173	-0.610948	0.0840
10934807	RGD1563104	-0.150935	0.8541	-0.136196	0.3751	-0.216513	0.0366	-0.203296	0.0532
10934855	Tnmd	-0.034251	0.9999	0.034841	0.8641	0.000441	0.9977	0.171172	0.0304
10934891	Cenpi	-0.019140	0.9999	-0.645406	0.1185	-0.705053	0.0370	-0.888198	0.0065
10934940	Rpl36a	-0.061970	0.9999	-0.196630	0.6243	-0.486280	0.0236	-0.402603	0.0700
10934994	---	-0.195816	0.7989	-0.132761	0.5077	-0.296299	0.0126	-0.216260	0.0855
10935023	Gprasp2	0.061286	0.9999	0.503700	0.1027	0.565995	0.0260	0.448027	0.0935
10935041	LOC680319	-0.315465	0.9632	-0.479419	0.4105	-0.798232	0.0369	-1.019798	0.0056
10935125	Mum111	-0.162205	0.9653	-0.604588	0.0048	-0.764670	0.0001	-0.792202	0.0001
10935215	Mid2	-0.124336	0.9998	0.317982	0.4358	0.652114	0.0115	0.345939	0.2503
10935229	---	-0.126046	0.9999	0.326420	0.6243	0.802796	0.0244	0.460186	0.2671
10935234	Vsig1	-0.205813	0.4739	-0.179642	0.0853	-0.171153	0.0543	-0.202441	0.0190
10935260	---	0.024119	0.9999	0.236685	0.1363	0.065323	0.7340	0.262452	0.0408
10935338	Bcor11	0.022898	0.9999	0.323099	0.1589	0.380442	0.0360	0.367861	0.0440
10935353	Rab33a	0.068423	0.9990	0.548216	0.0002	0.497142	0.0004	0.488447	0.0004
10935356	Slc25a14	-0.002117	0.9999	0.260181	0.1517	0.390877	0.0056	0.308813	0.0310
10935782	Tmem185a	-0.240307	0.9525	0.552027	0.0489	0.595566	0.0131	0.561910	0.0191
10935928	Rpl28	0.001833	0.9999	-0.091417	0.6621	-0.181647	0.1069	-0.243910	0.0226
10936048	G6pd	-0.135428	0.9819	0.327149	0.1579	0.442102	0.0142	0.513075	0.0035
10936215	Gria3	0.193035	0.9668	0.376030	0.2619	0.512388	0.0363	0.442314	0.0810
10936285	Rnf113a1	0.132768	0.9867	0.350274	0.1392	0.401333	0.0347	0.304049	0.1364
10936377	Dock11	0.119304	0.9990	-0.362994	0.2899	-0.381485	0.1458	-0.537106	0.0283
10936478	---	-0.042962	0.9921	-0.066170	0.6062	-0.014083	0.9146	-0.148198	0.0356
10936480	LOC499782	-0.037477	0.9999	-0.243880	0.2079	-0.409077	0.0047	-0.359710	0.0124
10936526	Uxt	-0.099686	0.9889	-0.155646	0.5262	-0.300317	0.0404	-0.330477	0.0216
10936655	Chst7	0.009357	0.9999	-0.335829	0.2929	-0.467550	0.0419	-0.448467	0.0539
10936717	Maoa	-0.323228	0.9199	0.134147	0.8546	0.230896	0.5437	0.677940	0.0167
10936742	Gpr34	0.084181	0.9494	-0.169087	0.0913	-0.207435	0.0118	-0.139604	0.1165
10936753	Ddx3x	0.108430	0.9921	0.338712	0.1171	0.636170	0.0003	0.441467	0.0101
10936775	Usp9x	0.240363	0.9310	0.550911	0.0335	0.765753	0.0007	0.894236	0.0001
10936821	Ube2q2l	-0.118799	0.9921	0.329333	0.1576	0.396794	0.0308	0.289244	0.1463
10936899	Cybb	0.692164	0.9063	-1.460322	0.0301	-1.785648	0.0024	-2.060213	0.0004
10936993	Pim2	-0.196839	0.9310	0.148850	0.6918	0.297664	0.1343	0.394616	0.0359
10937241	Crip2	0.020253	0.9999	0.327700	0.1812	0.257000	0.2234	0.379723	0.0484
10937356	Rps26	-0.052227	0.9999	-0.196077	0.2170	-0.142533	0.3055	-0.246673	0.0409
10937403	Col4a5	0.063165	0.9999	0.388427	0.0513	0.452401	0.0079	0.326171	0.0665
10937453	RGD1562962	0.150100	0.8562	0.238841	0.0489	-0.021789	0.9112	0.202851	0.0595
10937464	Ubqln2	0.122979	0.9653	0.239855	0.2433	0.224135	0.1725	0.381986	0.0099
10937521	---	0.073113	0.9999	-0.222840	0.3785	-0.394930	0.0190	-0.460485	0.0049
10937594	Pik3ca	-0.151114	0.9653	0.735011	0.0002	0.932421	0.0000	0.802878	0.0000
10937624	Mid1	0.100658	0.9999	-0.352872	0.5320	-0.350683	0.3816	-0.725987	0.0284

10937641	---	-0.137048	0.9977	-0.425655	0.2244	-0.458086	0.0929	-0.644984	0.0119
10937666	Gpm6b	0.257714	0.9570	-0.524825	0.1086	-0.801490	0.0024	-1.013281	0.0001
10937678	Gemin8	0.073846	0.9999	-0.228376	0.6000	-0.170334	0.6050	-0.494973	0.0411
10937725	Figf	0.810788	0.7200	-2.323209	0.0000	-2.428104	0.0000	-2.425450	0.0000
10937903	Gpr64	0.023702	0.9999	0.376495	0.0012	0.165919	0.1652	-0.005706	0.9827
10937962	Sh3kbp1	0.213671	0.9625	-0.495458	0.1044	-0.601655	0.0156	-0.606270	0.0138
10938001	Map7d2	0.132810	0.9921	0.365623	0.1567	0.444223	0.0289	0.330960	0.1292
10938048	Taf51	-0.031684	0.9999	0.100149	0.7602	0.219741	0.1691	0.329890	0.0248
10938217	---	-0.024935	0.9999	-0.198916	0.4564	-0.196490	0.3167	-0.373669	0.0253
10938219	Gk	-0.376648	0.8669	0.585097	0.0918	0.769679	0.0068	0.592988	0.0418
10938346	Pola1	0.058120	0.9999	-0.163404	0.7069	-0.270189	0.2642	-0.526760	0.0111
10938540	Eda2r	-0.189431	0.9972	0.316481	0.6370	0.770483	0.0296	0.735688	0.0387
10938550	Ophn1	-0.062305	0.9999	0.369218	0.5058	0.775647	0.0194	0.660313	0.0520
10938712	---	-0.231048	0.9401	-0.158299	0.7403	-0.211777	0.4500	-0.476896	0.0327
10938719	Ercc6l	0.023584	0.9999	-0.314772	0.3714	-0.525803	0.0267	-0.625196	0.0065
10938729	Cited1	-0.455671	0.7989	-0.669808	0.0332	-0.726292	0.0082	-0.953599	0.0004
10938874	Zdhhc15	0.118670	0.9999	-0.130512	0.8592	-0.692973	0.0149	-0.613108	0.0330
10938952	Taf9b	-0.043651	0.9999	-0.355823	0.3133	-0.539400	0.0297	-0.478663	0.0592
10939002	RGD1566265	0.070870	0.9999	0.386151	0.3415	0.608390	0.0296	0.552714	0.0522
10939018	Brwd3	0.156207	0.9883	0.260236	0.4827	0.524427	0.0203	0.267722	0.3233
10939226	Pcdh19	0.165952	0.9899	-0.985712	0.0001	-1.260967	0.0000	-1.239914	0.0000
10939242	Syt4	-0.098519	0.9998	0.554937	0.0147	0.340764	0.1184	0.363394	0.0972
10939480	Morc4	0.146237	0.9921	-0.120444	0.8232	-0.319834	0.1865	-0.499598	0.0231
10939570	Zdhhc9	-0.214565	0.7989	0.244992	0.1403	0.248244	0.0668	0.390920	0.0021
10939634	Gpr119	-0.235079	0.7409	-0.219833	0.2124	-0.300617	0.0240	-0.228523	0.1054
10939725	Hs6st2	0.382967	0.7200	-0.556925	0.0075	-0.572011	0.0027	-0.486915	0.0099
10939744	Gpc4	0.299928	0.9620	-0.390458	0.4484	-0.673310	0.0408	-0.658472	0.0468
10939764	Gpc3	0.442382	0.8614	-0.898305	0.0131	-1.061707	0.0011	-1.261994	0.0001
10939791	---	-0.082390	0.9615	-0.124739	0.3196	-0.174637	0.0492	-0.132175	0.1710
10939866	Arhgef6	-0.172474	0.9653	0.645552	0.0045	0.563213	0.0073	0.534972	0.0100
10939890	Rbmx	-0.059346	0.9999	-0.513125	0.0275	-0.415632	0.0484	-0.596944	0.0028
10940058	Usp12	0.058906	0.9999	0.272519	0.3094	0.448033	0.0167	0.278578	0.1830
10940085	Prrg3	0.006315	0.9999	-0.149945	0.5457	-0.357364	0.0120	-0.120641	0.5314
10940131	Haus7	-0.065676	0.9999	-0.582308	0.0385	-0.701742	0.0039	-0.818814	0.0006
10940364	Gdi1	-0.048270	0.9999	0.241257	0.3784	0.240507	0.2430	0.383070	0.0373
10940380	Atp6ap1	-0.004670	0.9999	0.112253	0.5385	0.136450	0.2602	0.319437	0.0018
10940429	Gprasp1	0.070481	0.9999	0.462444	0.0080	0.699564	0.0000	0.518584	0.0009
10940440	---	-0.084960	0.9620	0.071429	0.7013	0.010442	0.9536	0.218859	0.0155
10940455	---	-0.425894	0.9734	2.019460	0.0005	2.379593	0.0000	2.189475	0.0001
10940486	---	0.145280	0.9729	0.402164	0.0654	0.687451	0.0002	0.733038	0.0001
10940487	---	-0.054066	0.9978	0.176414	0.1936	0.225419	0.0304	0.260797	0.0101
10940507	---	0.103807	0.9830	0.138264	0.5873	0.060664	0.7907	0.288517	0.0449
10940516	---	0.025245	0.9999	-0.602216	0.0153	-0.813623	0.0003	-0.710538	0.0011
10940524	---	-0.035042	0.9999	0.373004	0.0504	0.516622	0.0015	0.424115	0.0084
10940527	---	-0.184732	0.9776	1.103202	0.0000	1.196915	0.0000	1.231857	0.0000
10940529	---	-0.038879	0.9999	-0.233341	0.3858	-0.368672	0.0408	-0.298379	0.1178
10940533	---	0.019930	0.9999	-0.171602	0.3948	-0.191528	0.1875	-0.287294	0.0306

10940534	---	0.005338	0.9999	0.388519	0.0696	0.293360	0.1273	0.478850	0.0067
10940536	---	-0.055266	0.9999	0.114119	0.6466	0.265383	0.0429	0.183462	0.2105
10940541	---	-0.063222	0.9999	0.235294	0.4042	0.397784	0.0317	0.209557	0.3487
10940545	---	0.298524	0.9570	-0.750705	0.0325	-0.943452	0.0021	-1.019305	0.0007
10940549	---	0.319920	0.9199	-0.639209	0.0523	-0.746421	0.0080	-0.555526	0.0564
10940557	---	-0.112663	0.9999	0.297669	0.4837	0.429695	0.1158	0.534284	0.0421
10940562	---	0.022675	0.9999	-0.405422	0.0793	-0.516704	0.0070	-0.438917	0.0228
10940565	---	0.117917	0.9945	0.421118	0.0909	0.580668	0.0044	0.602725	0.0025
10940578	---	0.115146	0.9814	0.443382	0.0069	0.695472	0.0000	0.803434	0.0000
10940585	---	0.275940	0.9444	-0.646305	0.0351	-1.132185	0.0000	-1.229848	0.0000
10940589	---	-0.069656	0.9978	-0.198941	0.2848	-0.279768	0.0373	-0.279663	0.0371
10940591	---	0.016660	0.9999	-0.119498	0.3971	-0.097962	0.3831	-0.215208	0.0190
10940594	---	0.277351	0.8437	-0.517780	0.0095	-0.668484	0.0003	-0.506236	0.0044
10940598	---	-0.135149	0.9539	0.250803	0.1464	0.311808	0.0228	0.327386	0.0152
10940611	---	-0.068191	0.9977	-0.696143	0.0000	-0.665015	0.0000	-0.734552	0.0000
10940620	---	0.025431	0.9999	-0.273103	0.2051	-0.403295	0.0127	-0.485306	0.0021
10940626	---	0.101279	0.9968	-0.238707	0.3918	-0.238997	0.2505	-0.480233	0.0073
10940632	---	0.482296	0.8614	-0.757846	0.0746	-0.625192	0.0946	-0.883624	0.0120
10940637	---	0.146853	0.8945	0.264568	0.0565	0.387209	0.0010	0.304040	0.0091
10940644	---	0.051430	0.9999	0.268727	0.3137	0.491187	0.0079	0.535350	0.0030
10940654	---	0.531478	0.9582	-0.590906	0.5343	-1.264196	0.0232	-0.641780	0.3403
10940666	---	0.128296	0.9999	-0.481644	0.2684	-0.568227	0.0808	-0.997484	0.0010
10940676	---	0.233466	0.7375	-0.299695	0.0458	-0.287715	0.0279	-0.322684	0.0114
10940677	---	0.293857	0.7989	-0.713467	0.0002	-0.851834	0.0000	-0.701472	0.0001
10940686	---	-0.000304	0.9999	-0.163421	0.3787	-0.257774	0.0392	-0.158850	0.2718