

Ensembl_Name	Gene_Symbol	SSA/P_syndromi			SSA/P_sporadi			ControlRight
		c_Fold	c_FDR	ic_RPKM	c_Fold	c_FDR	c_RPKM	
ENSG00000161798	AQP5	40.429	0.000	11.259	13.786	0.000	7.458	0.021
ENSG00000129451	KLK10	37.774	0.000	59.784	14.670	0.000	21.146	0.161
ENSG00000101842	VSIG1	37.510	0.000	25.402	16.105	0.000	20.345	0.116
ENSG00000196188	CTSE	29.916	0.000	330.744	9.675	0.000	200.758	6.225
ENSG00000137699	TRIM29	29.447	0.000	10.209	10.139	0.000	6.653	0.142
ENSG00000005001	PRSS22	26.161	0.000	24.718	6.594	0.000	14.927	0.476
ENSG00000167757	KLK11	21.140	0.000	31.144	7.794	0.000	17.992	1.003
ENSG00000160182	TFF1	20.613	0.000	2595.518	8.327	0.000	1917.505	68.986
ENSG00000120875	DUSP4	19.944	0.000	8.138	7.512	0.000	5.620	0.290
ENSG00000134193	REG4	18.690	0.000	1785.435	7.658	0.000	1240.582	53.025
ENSG00000179546	HTR1D	18.282	0.000	10.071	8.267	0.000	8.304	0.135
ENSG00000206075	SERPIN5	17.937	0.000	53.311	7.640	0.000	40.925	0.834
ENSG00000222636	RN7SKP54	17.621	0.000	384.688	6.320	0.000	245.566	10.483
ENSG00000172031	EPHX4	17.261	0.000	3.648	6.193	0.000	2.843	0.093
ENSG00000168427	KLHL30	16.880	0.000	1.410	6.547	0.000	1.368	0.032
ENSG00000160181	TFF2	16.695	0.000	120.280	5.888	0.000	56.896	1.907
ENSG00000189433	GJB4	16.580	0.000	3.908	6.859	0.000	2.515	0.038
ENSG00000244503	RP11-278L15.6	15.945	0.000	0.839	4.112	0.000	0.786	0.006
ENSG00000189280	GJB5	15.842	0.000	10.977	5.337	0.000	7.996	0.056
ENSG00000255811	RP1-34M23.5	15.770	0.000	6.448	8.997	0.000	4.006	0.049
ENSG00000129455	KLK8	15.728	0.000	4.556	6.071	0.000	1.987	0.014
ENSG00000124233	SEM61	15.525	0.000	3.735	4.429	0.000	3.374	0.068
ENSG00000214039	RP11-474D1.3	15.272	0.000	0.765	8.200	0.000	0.786	0.013
ENSG00000147206	NXF3	15.008	0.000	5.855	5.802	0.000	4.158	0.127
ENSG00000111700	SLCO1B3	14.967	0.000	1.770	4.495	0.000	0.371	0.013
ENSG00000257588	RP11-469H8.6	14.889	0.000	0.653	11.141	0.000	0.504	0.000
ENSG00000146038	DCDC2	14.394	0.000	5.650	5.520	0.000	3.772	0.242
ENSG00000163993	S100P	14.294	0.000	327.022	10.247	0.000	231.640	12.946
ENSG00000062038	CDH3	14.227	0.000	10.935	6.819	0.000	7.568	0.137
ENSG00000230316	FEZF1-AS1	14.209	0.000	2.826	7.305	0.000	2.203	0.018
ENSG00000131910	NR0B2	14.160	0.000	6.955	5.157	0.000	4.241	0.302
ENSG00000135480	KRT7	14.075	0.000	3.605	5.579	0.000	2.152	0.082
ENSG00000087916	SLC6A14	13.967	0.000	8.835	8.880	0.000	9.207	0.144
ENSG00000139515	PDX1	13.696	0.000	3.708	6.154	0.000	2.844	0.171
ENSG00000257046	LST3	13.630	0.000	1.121	3.819	0.001	0.266	0.011
ENSG00000198203	SULT1C2	13.470	0.000	18.474	7.137	0.000	13.938	0.361
ENSG00000115507	OTX1	12.713	0.000	0.249	10.745	0.000	0.221	0.003
ENSG00000124157	SEM62	12.671	0.000	0.490	4.326	0.000	0.558	0.000
ENSG00000167767	KRT80	12.591	0.000	1.446	5.349	0.000	0.815	0.071
ENSG00000253368	TRNP1	12.565	0.000	9.249	6.487	0.000	6.129	0.410
ENSG00000112559	MDF1	12.535	0.000	5.411	5.199	0.000	2.779	0.307
ENSG00000213022	KLK9	12.056	0.000	0.564	5.746	0.000	0.256	0.000
ENSG00000235884	LINC00941	12.046	0.000	0.513	7.393	0.000	0.314	0.010
ENSG00000124143	ARHGAP40	11.973	0.000	0.394	5.211	0.000	0.150	0.000
ENSG00000188910	GJB3	11.894	0.000	19.847	7.857	0.000	12.655	1.161
ENSG00000169876	MUC17	11.624	0.000	87.478	4.505	0.000	58.554	2.631
ENSG00000157064	NMNAT2	11.559	0.000	0.816	3.851	0.000	0.367	0.049
ENSG00000257671	RP3-416H24.1	11.495	0.000	2.529	6.673	0.000	1.446	0.050
ENSG00000162366	PDZK1IP1	11.446	0.000	152.209	7.234	0.000	94.099	9.664
ENSG00000139800	ZIC5	11.229	0.000	0.960	2.387	0.055	0.993	0.004
ENSG00000128610	FEZF1	11.192	0.000	0.822	7.462	0.000	0.438	0.003
ENSG00000196260	SFTA2	10.605	0.000	0.910	5.309	0.000	0.448	0.021
ENSG00000043355	ZIC2	10.348	0.000	1.729	2.566	0.031	1.340	0.043
ENSG00000112299	VNN1	10.054	0.000	19.154	5.214	0.000	19.623	0.573
ENSG00000183900	AC099522.1	10.045	0.000	2.058	4.867	0.000	1.365	0.102
ENSG00000228705	LINC00659	10.035	0.000	2.180	4.231	0.000	1.443	0.069
ENSG00000170786	SDR16C5	9.977	0.000	33.464	7.215	0.000	23.794	2.268
ENSG00000102854	MSLN	9.912	0.000	13.664	6.908	0.000	9.104	0.914
ENSG00000184292	TACSTD2	9.900	0.000	9.002	5.698	0.000	7.363	0.467
ENSG00000188100	FAM25A	9.803	0.000	2.749	6.768	0.000	1.126	0.016
ENSG00000175592	FOSL1	9.689	0.000	2.054	5.590	0.000	1.106	0.119
ENSG00000124102	PI3	9.644	0.000	180.772	3.727	0.000	185.430	11.121
ENSG00000254166	CASC19	9.589	0.000	2.357	8.384	0.000	2.136	0.018
ENSG00000248538	RP11-10A14.5	9.425	0.000	0.747	7.401	0.000	0.617	0.014
ENSG00000181652	ATG9B	9.411	0.000	2.595	6.512	0.000	1.778	0.214
ENSG00000196091	MYBPC1	9.330	0.000	2.183	6.778	0.000	1.666	0.085
ENSG00000247844	CCAT1	9.255	0.000	2.978	6.672	0.000	2.119	0.177
ENSG00000105464	GRIN2D	9.143	0.000	4.169	5.462	0.000	2.751	0.257
ENSG00000247993	RP11-79P5.2	9.093	0.000	6.296	4.571	0.000	4.320	0.294
ENSG00000163347	CLDN1	8.953	0.000	8.830	4.689	0.000	4.490	0.789
ENSG00000168631	DPCR1	8.922	0.000	0.989	4.934	0.000	0.898	0.023
ENSG00000237223	SULT1C2P1	8.892	0.000	1.385	3.929	0.000	1.019	0.028
ENSG00000205922	ONECUT3	8.860	0.000	0.903	1.488	0.481	0.074	0.002

ENSG00000100557	C14orf105	8.839	0.000	0.271	2.598	0.032	0.058	0.008
ENSG00000167653	PSCA	8.786	0.000	18.824	5.295	0.000	25.895	0.087
ENSG00000134757	DSG3	8.737	0.000	1.318	6.870	0.000	1.233	0.032
ENSG00000251493	FOXD1	8.684	0.000	1.506	4.573	0.000	0.729	0.000
ENSG00000198807	PAX9	8.577	0.000	0.453	5.692	0.000	0.293	0.032
ENSG00000177508	IRX3	8.549	0.000	0.354	5.354	0.000	0.221	0.017
ENSG00000223458	RP11-332E3.2	8.429	0.000	3.912	2.031	0.123	1.871	0.226
ENSG00000184956	MUC6	8.193	0.000	3.355	1.775	0.224	1.723	0.181
ENSG00000221947	XKR9	8.135	0.000	2.494	6.267	0.000	2.656	0.189
ENSG00000088836	SLC4A11	8.095	0.000	1.827	5.631	0.000	1.240	0.181
ENSG00000178597	PSAPL1	8.037	0.000	0.224	4.633	0.000	0.172	0.000
ENSG00000119547	ONECUT2	7.874	0.000	0.594	5.541	0.000	0.675	0.050
ENSG00000163064	EN1	7.845	0.000	0.211	2.583	1.000	0.219	0.000
ENSG00000198835	GJC2	7.745	0.000	1.192	6.326	0.000	0.973	0.109
ENSG00000245694	CRNDE	7.701	0.000	1.010	5.952	0.000	0.783	0.077
ENSG00000178734	C13orf45	7.603	0.000	1.838	2.198	0.047	1.099	0.153
ENSG00000167105	TMEM92	7.576	0.000	10.290	5.157	0.000	6.877	1.137
ENSG00000137673	MMP7	7.427	0.000	0.916	4.558	0.000	0.905	0.040
ENSG00000165376	CLDN2	7.413	0.000	6.033	4.333	0.000	5.047	0.350
ENSG00000116254	CHD5	7.403	0.000	0.211	4.675	0.000	0.284	0.017
ENSG00000181791	AC009041.1	7.395	0.000	5.172	6.977	0.000	5.889	0.092
ENSG00000259439	RP11-89K21.1	7.324	0.000	0.412	2.021	0.145	0.352	0.021
ENSG00000159263	SIM2	7.272	0.000	1.158	4.275	0.000	0.942	0.119
ENSG00000172927	MYEOV	7.208	0.000	16.521	5.303	0.000	11.952	1.643
ENSG00000163817	SLC6A20	7.189	0.000	12.003	4.121	0.000	9.650	1.158
ENSG00000142661	MYOM3	7.184	0.000	2.573	5.782	0.000	2.062	0.274
ENSG00000173432	SAA1	7.172	0.000	5.055	3.246	0.004	4.473	0.132
ENSG00000084734	GCKR	7.152	0.000	0.366	4.163	0.000	0.198	0.024
ENSG00000166268	MYRFL	7.088	0.000	5.703	5.197	0.000	4.175	0.599
ENSG00000215864	NBPF7	7.080	0.000	6.280	5.110	0.000	4.543	0.620
ENSG00000133985	TTC9	7.048	0.000	5.054	4.992	0.000	3.493	0.625
ENSG00000258791	LINC00520	7.033	0.000	6.000	5.659	0.000	4.827	0.426
ENSG00000130720	FIBCD1	7.018	0.000	6.013	3.918	0.000	5.204	0.605
ENSG00000251179	RP11-893F2.9	7.015	0.000	1.960	5.040	0.000	1.398	0.166
ENSG00000168955	TM4SF20	6.973	0.000	30.792	1.959	0.096	16.179	2.940
ENSG00000148346	LCN2	6.971	0.000	181.042	3.808	0.000	173.808	14.408
ENSG00000100003	SEC14L2	6.837	0.000	2.375	4.544	0.000	1.547	0.296
ENSG00000181634	TNFSF15	6.832	0.000	4.966	5.300	0.000	3.853	0.407
ENSG00000187288	CIDEA	6.709	0.000	30.794	5.006	0.000	22.319	3.467
ENSG00000226598	AC017060.1	6.683	0.000	2.014	7.647	0.000	2.470	0.120
ENSG00000099769	IGFALS	6.682	0.000	2.317	4.470	0.000	1.485	0.122
ENSG00000159261	CLDN14	6.656	0.000	0.511	2.793	0.006	0.621	0.045
ENSG00000096395	MLN	6.636	0.000	1.256	6.256	0.000	2.094	0.040
ENSG00000066405	CLDN18	6.602	0.000	1.149	5.809	0.000	1.240	0.049
ENSG00000110080	ST3GAL4	6.547	0.000	24.920	5.795	0.000	22.031	1.926
ENSG00000258919	RP11-1029J19.4	6.539	0.000	2.644	5.383	0.000	2.192	0.233
ENSG00000205177	C11orf91	6.516	0.000	2.367	4.132	0.000	1.404	0.219
ENSG00000101188	NTSR1	6.506	0.000	0.252	4.268	0.000	0.256	0.017
ENSG00000205754	SLCO1B7	6.503	0.000	0.226	2.028	0.143	0.046	0.005
ENSG00000171060	C8orf74	6.474	0.000	0.100	3.818	0.001	0.055	0.002
ENSG00000169213	RAB3B	6.447	0.000	5.881	4.685	0.000	4.194	0.751
ENSG00000162009	SSTR5	6.432	0.000	1.186	3.861	0.000	1.117	0.064
ENSG00000225328	AC019100.3	6.415	0.000	1.137	5.546	0.000	1.012	0.049
ENSG00000128965	CHAC1	6.353	0.000	6.331	2.796	0.000	5.110	0.920
ENSG00000233005	AC067959.1	6.339	0.000	0.521	2.235	1.000	0.125	0.009
ENSG00000164379	FOXQ1	6.337	0.000	10.174	4.098	0.000	6.403	0.995
ENSG00000196990	FAM163B	6.305	0.000	1.277	2.368	0.061	0.302	0.024
ENSG00000105219	CNTD2	6.222	0.000	1.285	3.238	0.002	0.971	0.122
ENSG00000176395	CEACAM20	6.134	0.000	0.396	1.670	0.340	0.518	0.027
ENSG00000257453	RP11-290L1.3	6.084	0.000	24.822	4.316	0.000	17.047	3.238
ENSG00000185567	AHNAK2	6.055	0.000	2.378	4.203	0.000	1.635	0.321
ENSG00000257514	RP11-755O11.2	6.023	0.000	1.648	3.123	0.006	1.453	0.096
ENSG00000087085	ACHE	5.969	0.000	25.039	4.491	0.000	18.244	3.472
ENSG00000231274	SBK3	5.950	0.000	0.571	4.379	0.000	0.421	0.046
ENSG00000167612	ANKRD33	5.938	0.000	0.371	5.023	0.000	0.454	0.026
ENSG00000115008	IL1A	5.923	0.000	1.140	5.885	0.000	1.176	0.098
ENSG00000169047	IRS1	5.900	0.000	6.447	4.645	0.000	4.990	0.891
ENSG00000125657	TNFSF9	5.868	0.000	1.402	6.000	0.000	1.443	0.179
ENSG00000196352	CD55	5.858	0.000	122.624	3.625	0.000	72.350	16.017
ENSG00000162591	MEGF6	5.852	0.000	7.693	3.810	0.000	5.414	0.733
ENSG00000040608	RTN4R	5.837	0.000	3.133	4.009	0.000	2.071	0.485
ENSG00000205502	C2CD4B	5.807	0.000	1.852	4.595	0.000	1.424	0.211
ENSG00000140279	DUOX2	5.804	0.000	102.686	2.898	0.013	50.471	6.854
ENSG00000228791	THRB-AS1	5.762	0.000	0.844	6.130	0.000	0.945	0.057
ENSG00000135046	ANXA1	5.753	0.000	55.558	3.848	0.000	36.309	9.064

ENSG00000198535	C2CD4A	5.723	0.000	1.235	4.569	0.000	0.980	0.134
ENSG00000134824	FADS2	5.685	0.000	5.290	-1.188	0.771	0.878	0.618
ENSG00000181409	AATK	5.681	0.000	8.467	3.097	0.000	4.281	1.179
ENSG00000175874	CREG2	5.645	0.000	0.113	2.712	0.020	0.047	0.006
ENSG00000155265	GOLGA7B	5.608	0.000	4.610	2.670	0.000	2.088	0.712
ENSG00000253405	EVX1-AS	5.606	0.000	0.543	3.010	0.009	0.658	0.012
ENSG00000168502	SOGA2	5.593	0.000	2.145	4.996	0.000	1.919	0.319
ENSG00000187583	PLEKHN1	5.581	0.000	2.257	3.486	0.000	1.362	0.351
ENSG00000134070	IRAK2	5.568	0.000	6.515	4.486	0.000	5.161	1.022
ENSG00000175946	KLHL38	5.530	0.000	0.699	3.290	0.001	0.400	0.088
ENSG00000253286	CTD-2552K11.2	5.527	0.000	0.309	3.246	1.000	0.173	0.009
ENSG00000159871	LYPD5	5.526	0.000	2.221	3.270	0.000	1.228	0.283
ENSG00000136872	ALDOB	5.520	0.000	121.689	3.876	0.000	82.818	14.824
ENSG00000255071	SAA2-SAA4	5.516	0.000	1.451	2.265	0.080	1.421	0.057
ENSG00000125207	PIWIL1	5.507	0.000	1.369	3.364	0.003	1.777	0.040
ENSG00000140254	DUOXA1	5.467	0.000	13.390	2.439	0.046	6.262	0.365
ENSG00000162699	DNAJA1P5	5.455	0.000	0.342	4.802	1.000	0.325	0.000
ENSG00000169247	SH3TC2	5.376	0.000	0.643	3.983	0.000	0.467	0.091
ENSG00000237988	OR211P	5.375	0.000	4.591	1.451	0.487	0.848	0.510
ENSG00000258404	RP11-1029J19.5	5.371	0.000	1.506	4.306	0.000	1.210	0.115
ENSG00000226715	RP11-411H5.1	5.318	0.000	0.640	3.291	1.000	0.363	0.000
ENSG00000100342	APOL1	5.317	0.000	53.224	3.022	0.000	29.402	8.897
ENSG00000234667	ACTBP13	5.295	0.000	0.214	3.204	0.002	0.122	0.026
ENSG00000203635	AC144450.2	5.293	0.000	0.254	4.146	1.000	0.199	0.005
ENSG00000169248	CXCL11	5.293	0.000	5.633	2.981	0.006	1.198	0.213
ENSG00000103888	KIAA1199	5.286	0.000	4.504	2.786	0.001	3.270	0.660
ENSG00000137860	SLC28A2	5.261	0.000	11.562	4.334	0.000	9.539	1.323
ENSG00000196228	SULT1C3	5.260	0.000	2.188	3.131	0.007	2.528	0.060
ENSG00000137203	TFAP2A	5.260	0.000	0.748	4.495	0.000	1.011	0.098
ENSG00000163739	CXCL1	5.235	0.000	23.823	3.022	0.001	12.478	3.271
ENSG00000124107	SLPI	5.230	0.000	126.142	4.046	0.000	95.702	22.059
ENSG00000181649	PHLDA2	5.224	0.000	42.993	3.494	0.000	27.215	7.124
ENSG00000146250	PRSS35	5.154	0.000	0.351	4.606	0.000	0.317	0.042
ENSG00000169908	TM4SF1	5.153	0.000	70.359	3.273	0.000	42.731	12.197
ENSG00000184106	TREML3P	5.143	0.000	0.251	2.946	1.000	0.291	0.014
ENSG00000163734	CXCL3	5.090	0.000	9.366	3.076	0.000	5.266	1.435
ENSG00000236039	AC019117.2	5.056	0.000	3.317	5.395	0.000	3.831	0.390
ENSG00000183914	DNAH2	5.007	0.000	0.420	3.614	0.000	0.300	0.070
ENSG00000138823	MTTP	4.988	0.000	0.345	2.847	0.005	0.126	0.031
ENSG00000185022	MAFF	4.973	0.000	13.685	3.783	0.000	9.961	2.222
ENSG00000168679	SLC16A4	4.969	0.000	4.766	4.781	0.000	4.651	0.770
ENSG00000176842	IRX5	4.942	0.000	0.161	4.818	0.000	0.166	0.011
ENSG00000151012	SLC7A11	4.902	0.000	3.572	4.434	0.000	3.259	0.595
ENSG00000146054	TRIM7	4.882	0.000	3.450	3.033	0.000	2.064	0.649
ENSG00000229715	EEF1DP3	4.877	0.000	0.129	3.975	0.000	0.105	0.008
ENSG00000100033	PRODH	4.869	0.000	3.081	2.419	0.007	1.412	0.503
ENSG00000136689	IL1RN	4.859	0.000	11.939	4.271	0.000	10.721	1.698
ENSG00000223392	CLDN10-AS1	4.811	0.000	0.542	3.185	0.004	0.342	0.054
ENSG00000133454	MYO18B	4.792	0.000	0.123	2.802	0.007	0.065	0.016
ENSG00000139289	PHLDA1	4.771	0.000	11.220	3.611	0.000	8.294	2.058
ENSG00000112494	UNC93A	4.763	0.000	0.238	4.074	0.000	0.204	0.018
ENSG00000183018	SPNS2	4.763	0.000	49.739	2.203	0.002	36.592	9.478
ENSG00000102934	PLLP	4.756	0.000	27.919	3.875	0.000	22.240	5.132
ENSG00000181577	C6orf223	4.743	0.000	7.423	3.698	0.001	5.725	0.819
ENSG00000092607	TBX15	4.721	0.000	0.146	3.820	0.001	0.116	0.013
ENSG00000158055	GRHL3	4.714	0.000	0.621	3.792	0.000	0.491	0.105
ENSG00000134317	GRHL1	4.712	0.000	0.684	3.529	0.000	0.509	0.128
ENSG00000224826	AC019109.1	4.697	0.000	0.166	3.421	1.000	0.115	0.008
ENSG00000107159	CA9	4.668	0.000	3.265	3.636	0.000	2.594	0.538
ENSG00000228353	RP11-184A2.2	4.663	0.000	1.225	4.803	0.000	1.359	0.071
ENSG00000253308	RP1-170O19.17	4.635	0.000	0.333	2.493	1.000	0.515	0.000
ENSG00000142627	EPHA2	4.632	0.000	26.890	3.451	0.000	19.221	5.264
ENSG00000166396	SERPINB7	4.591	0.000	0.236	3.121	1.000	0.088	0.000
ENSG00000125538	IL1B	4.590	0.000	4.365	3.979	0.000	3.725	0.677
ENSG00000110427	KIAA1549L	4.588	0.000	0.659	3.088	0.006	0.672	0.073
ENSG00000185761	ADAMTSL5	4.579	0.000	3.967	3.632	0.000	3.091	0.809
ENSG00000135919	SERPINE2	4.560	0.000	12.068	2.992	0.000	7.548	2.340
ENSG00000165388	ZNF488	4.547	0.000	1.445	3.300	0.000	1.032	0.255
ENSG00000153292	GPR110	4.545	0.000	2.255	3.588	0.000	1.770	0.383
ENSG00000142700	DMRTA2	4.536	0.000	0.171	3.298	1.000	0.069	0.005
ENSG00000187258	NPSR1	4.529	0.000	1.087	4.885	0.000	0.251	0.018
ENSG00000165606	DRGX	4.527	0.000	0.722	1.926	0.171	0.546	0.090
ENSG00000107618	RBP3	4.518	0.000	0.124	1.688	1.000	0.027	0.005
ENSG00000185940	KRTAP5-5	4.482	0.000	1.063	3.243	0.000	0.740	0.165
ENSG00000114771	AADAC	4.458	0.000	1.887	2.547	0.010	1.006	0.314

ENSG00000106089	STX1A	4.454	0.000	3.518	3.533	0.000	2.761	0.726
ENSG00000171004	HS6ST2	4.436	0.000	0.729	3.357	0.000	0.550	0.130
ENSG00000228412	RP4-625H18.2	4.411	0.000	0.765	2.969	0.004	0.491	0.106
ENSG00000254693	RP11-58K22.5	4.362	0.000	19.901	3.144	0.000	13.906	4.140
ENSG00000170231	FABP6	4.358	0.000	1.952	2.695	0.014	1.107	0.267
ENSG00000139629	GALNT6	4.351	0.000	14.894	3.552	0.000	12.097	3.184
ENSG00000171017	LRRC8E	4.348	0.000	2.474	3.293	0.000	1.841	0.532
ENSG00000169583	CLIC3	4.325	0.000	3.398	3.062	0.000	2.338	0.672
ENSG00000128683	GAD1	4.319	0.000	0.101	3.804	0.000	0.088	0.010
ENSG00000249700	SRD5A3-AS1	4.312	0.000	5.525	3.771	0.000	4.735	1.170
ENSG00000088992	TESC	4.306	0.000	4.440	3.754	0.000	3.886	0.919
ENSG00000236081	AC074389.9	4.284	0.000	1.082	2.765	0.003	0.668	0.191
ENSG00000075618	FSCN1	4.281	0.000	11.313	2.258	0.000	5.833	2.511
ENSG00000006327	TNFRSF12A	4.275	0.000	23.661	2.925	0.000	15.073	4.491
ENSG00000137033	IL33	4.273	0.000	8.271	3.550	0.000	6.738	1.635
ENSG00000130751	NPAS1	4.270	0.000	0.965	2.626	0.000	0.571	0.200
ENSG00000023171	GRAMD1B	4.266	0.000	1.845	2.530	0.000	2.229	0.410
ENSG00000115009	CCL20	4.239	0.000	28.609	2.992	0.001	18.859	4.960
ENSG00000128039	SRD5A3	4.237	0.000	12.890	3.848	0.000	11.481	2.863
ENSG00000204052	LRRC73	4.211	0.000	0.281	3.302	0.000	0.213	0.045
ENSG00000092929	UNC13D	4.210	0.000	33.516	2.719	0.000	20.940	7.696
ENSG00000173156	RHOD	4.204	0.000	25.469	2.660	0.000	15.257	5.416
ENSG00000258689	RP6-65G23.1	4.201	0.000	0.733	4.621	0.000	0.868	0.071
ENSG00000214248	AC010336.1	4.201	0.000	1.763	3.172	0.000	1.309	0.398
ENSG00000138759	FRAS1	4.189	0.000	0.459	3.456	0.000	0.372	0.094
ENSG00000176485	PLA2G16	4.177	0.000	8.876	2.972	0.000	6.105	1.948
ENSG00000198788	MUC2	4.172	0.000	980.532	3.530	0.000	824.617	207.988
ENSG00000116741	RGS2	4.145	0.000	39.110	2.604	0.000	23.270	8.671
ENSG00000237686	RP5-1120P11.1	4.137	0.000	1.260	3.076	0.004	0.909	0.196
ENSG00000173227	SYT12	4.134	0.000	0.574	2.076	0.111	0.496	0.085
ENSG00000110244	APOA4	4.116	0.000	0.571	1.581	0.398	0.134	0.044
ENSG00000109321	AREG	4.115	0.000	0.665	2.404	0.031	0.341	0.100
ENSG00000233529	HCG21	4.112	0.000	0.600	3.261	1.000	0.473	0.037
ENSG00000235563	RP11-334A14.8	4.085	0.000	0.252	3.178	0.005	0.373	0.026
ENSG00000250033	SLC7A11-AS1	4.069	0.000	0.310	3.134	0.005	0.234	0.043
ENSG00000259485	CTD-2147F2.1	4.068	0.000	0.900	1.333	0.645	0.167	0.095
ENSG00000186493	C5orf38	4.059	0.000	0.537	2.258	0.081	0.256	0.055
ENSG00000175832	ETV4	4.055	0.000	6.883	2.580	0.001	4.209	1.492
ENSG00000233559	AC016831.7	4.052	0.000	1.511	3.464	0.000	1.269	0.299
ENSG00000228613	AC144450.1	4.049	0.000	0.320	3.140	1.000	0.241	0.000
ENSG00000100196	KDELR3	4.032	0.000	46.652	3.270	0.000	37.340	10.874
ENSG00000142698	C1orf94	4.007	0.000	0.270	2.452	0.043	0.155	0.037
ENSG00000158786	PLA2G2F	4.006	0.000	0.366	2.335	0.034	0.914	0.066
ENSG00000107807	TLX1	3.992	0.000	0.913	4.142	0.000	1.015	0.165
ENSG00000087510	TFAP2C	3.975	0.000	0.638	3.085	0.000	0.492	0.143
ENSG00000132357	CARD6	3.973	0.000	4.158	2.911	0.000	3.017	0.951
ENSG00000177822	AC108142.1	3.954	0.000	0.074	1.567	1.000	0.021	0.009
ENSG00000116260	QSOX1	3.952	0.000	95.893	3.200	0.000	76.315	23.816
ENSG00000013588	GPRC5A	3.925	0.000	134.945	3.309	0.000	110.548	32.728
ENSG00000106038	EVX1	3.923	0.000	0.661	3.172	0.006	0.698	0.020
ENSG00000086159	AQP6	3.917	0.000	0.079	1.987	0.139	0.035	0.012
ENSG00000170561	IRX2	3.915	0.000	1.370	2.111	0.122	0.561	0.106
ENSG00000085117	CD82	3.908	0.000	28.446	2.787	0.000	19.672	6.948
ENSG00000112541	PDE10A	3.906	0.000	0.556	2.324	0.011	0.314	0.117
ENSG00000086548	CEACAM6	3.899	0.000	774.917	3.077	0.000	598.931	180.414
ENSG00000164761	TNFRSF11B	3.892	0.000	8.007	2.792	0.000	5.611	1.823
ENSG00000160862	AZGP1	3.890	0.000	17.599	3.200	0.000	14.295	4.148
ENSG00000241322	CDRT1	3.883	0.000	0.301	3.547	0.000	0.275	0.058
ENSG00000072422	RHOBTB1	3.872	0.000	7.568	3.401	0.000	6.594	1.826
ENSG00000154928	EPHB1	3.867	0.000	0.490	1.422	0.494	0.434	0.058
ENSG00000134504	KCTD1	3.849	0.000	4.832	2.769	0.000	3.398	1.240
ENSG00000187664	HAPLN4	3.844	0.000	1.794	2.342	0.004	1.029	0.408
ENSG00000185860	C1orf110	3.835	0.000	0.048	3.224	1.000	0.040	0.000
ENSG00000102265	TIMP1	3.833	0.000	94.987	3.164	0.000	76.702	23.570
ENSG00000204540	PSORS1C1	3.828	0.000	4.790	2.619	0.000	3.174	1.191
ENSG00000259520	CTD-2651B20.3	3.823	0.000	2.010	3.161	0.000	1.672	0.427
ENSG00000081138	CDH7	3.822	0.000	0.022	5.867	1.000	0.040	0.000
ENSG00000226740	RP11-31L23.3	3.810	0.000	0.540	3.108	0.004	0.445	0.082
ENSG00000115155	OTOF	3.781	0.000	0.056	1.997	0.131	0.025	0.009
ENSG00000088826	SMOX	3.773	0.000	5.300	3.426	0.000	4.759	1.276
ENSG00000164520	RAET1E	3.764	0.000	0.356	3.298	0.001	0.309	0.062
ENSG00000100078	PLA2G3	3.757	0.000	1.903	2.368	0.061	1.014	0.165
ENSG00000214226	C17orf67	3.751	0.000	3.893	2.756	0.000	2.774	0.958
ENSG00000007174	DNAH9	3.734	0.000	0.069	3.744	0.000	0.070	0.013
ENSG00000138347	MYPN	3.733	0.000	1.459	2.740	0.000	1.024	0.338

ENSG00000213145	CRIP1	3.723	0.000	29.489	2.802	0.000	20.877	7.002
ENSG00000160183	TMPRSS3	3.718	0.000	2.092	3.555	0.000	1.998	0.527
ENSG00000162747	FCGR3B	3.704	0.000	0.621	1.706	0.306	0.215	0.089
ENSG00000138772	ANXA3	3.695	0.000	25.791	2.890	0.000	19.824	6.679
ENSG00000185087	FAM169B	3.693	0.000	0.075	3.103	1.000	0.063	0.005
ENSG00000136574	GATA4	3.689	0.000	0.473	3.321	0.004	0.337	0.013
ENSG00000152669	CCNO	3.677	0.000	3.797	3.022	0.000	3.166	0.870
ENSG00000256894	RP11-283G6.3	3.676	0.000	2.688	3.411	0.000	2.525	0.600
ENSG00000132911	NMUR2	3.674	0.000	1.258	2.239	0.061	1.374	0.012
ENSG00000161647	MPP3	3.671	0.000	1.543	3.079	0.000	1.273	0.402
ENSG00000110492	MDK	3.668	0.000	47.505	2.946	0.000	37.325	12.052
ENSG00000205517	RGL3	3.666	0.000	8.685	2.951	0.000	6.748	2.171
ENSG00000179799	OR7E22P	3.663	0.000	0.583	2.010	0.146	0.268	0.084
ENSG00000213822	CEACAM18	3.644	0.000	1.669	2.205	0.079	0.789	0.081
ENSG00000169403	PTAFR	3.644	0.000	10.165	2.346	0.000	6.439	2.743
ENSG00000101255	TRIB3	3.642	0.000	4.965	2.560	0.000	3.345	1.271
ENSG00000255202	RP4-541C22.5	3.637	0.000	0.651	3.506	0.002	0.691	0.073
ENSG00000148926	ADM	3.623	0.000	21.355	2.501	0.000	14.103	5.447
ENSG00000123843	C4BPB	3.615	0.000	8.220	2.597	0.001	5.746	1.937
ENSG00000164867	NOS3	3.604	0.000	2.046	2.482	0.000	1.378	0.531
ENSG00000188487	INSC	3.592	0.000	4.299	2.650	0.000	3.100	1.150
ENSG00000168785	TSPAN5	3.582	0.000	2.327	2.908	0.000	1.872	0.639
ENSG00000125780	TGM3	3.577	0.000	0.707	2.730	0.001	0.528	0.162
ENSG00000242407	CTD-2377D24.4	3.577	0.001	0.619	6.355	0.000	2.176	0.000
ENSG00000183778	B3GALT5	3.577	0.000	25.124	3.195	0.000	22.766	5.869
ENSG00000173898	SPTBN2	3.571	0.000	2.001	2.904	0.000	1.611	0.510
ENSG00000204539	CDSN	3.560	0.000	3.743	3.861	0.000	4.232	0.756
ENSG00000239948	RN7SL368P	3.555	0.000	1.941	2.703	0.006	1.408	0.388
ENSG00000152784	PRDM8	3.551	0.000	1.810	2.367	0.000	1.164	0.479
ENSG00000128203	ASPHD2	3.550	0.000	5.676	3.072	0.000	4.799	1.560
ENSG00000130164	LDLR	3.541	0.000	28.594	2.581	0.000	20.097	7.297
ENSG00000021488	SLC7A9	3.537	0.000	2.197	1.996	0.133	1.753	0.414
ENSG00000240541	TM4SF1-AS1	3.535	0.000	1.147	2.362	0.013	0.730	0.271
ENSG00000163286	ALPPL2	3.531	0.000	1.301	2.704	0.002	0.980	0.303
ENSG00000182747	SLC35D3	3.511	0.000	0.375	2.392	0.031	0.237	0.073
ENSG00000160408	ST6GALNAC6	3.505	0.000	79.623	3.548	0.000	79.790	20.785
ENSG00000147041	SYTL5	3.480	0.000	15.882	2.766	0.000	12.409	4.350
ENSG00000248514	CTC-338M12.1	3.479	0.001	0.478	3.360	1.000	0.473	0.049
ENSG00000229950	TFAP2A-AS1	3.474	0.000	0.406	3.200	0.002	0.380	0.070
ENSG00000166670	MMP10	3.468	0.000	2.035	1.515	0.443	0.645	1.414
ENSG00000172602	RND1	3.467	0.000	4.618	2.912	0.000	3.712	1.147
ENSG00000187642	C1orf170	3.467	0.000	0.582	2.467	0.006	0.397	0.139
ENSG00000251131	CTD-2035E11.3	3.466	0.000	0.863	1.962	0.101	0.454	0.197
ENSG00000123095	BHLHE41	3.438	0.000	18.483	2.840	0.000	15.099	5.218
ENSG00000213886	UBD	3.437	0.000	26.402	1.177	0.792	6.502	5.379
ENSG00000237643	RP11-462G2.1	3.436	0.000	3.762	2.600	0.016	2.645	0.718
ENSG00000144035	NAT8	3.431	0.000	6.115	2.112	0.100	3.345	1.098
ENSG00000109158	GABRA4	3.431	0.000	0.051	3.211	0.001	0.048	0.011
ENSG00000177238	TRIM72	3.424	0.001	0.432	2.811	0.013	0.427	0.008
ENSG00000171346	KRT15	3.423	0.000	3.356	2.952	0.000	2.875	0.870
ENSG00000125744	RTN2	3.416	0.000	5.398	2.837	0.000	4.353	1.507
ENSG00000250900	CTC-338M12.6	3.414	0.000	1.425	2.263	0.012	0.909	0.368
ENSG00000185332	TMEM105	3.410	0.000	0.211	2.818	0.002	0.173	0.048
ENSG00000219891	ZSCAN12P1	3.408	0.000	2.489	2.847	0.000	2.049	0.650
ENSG00000227205	PFN1P9	3.405	0.001	0.748	2.095	1.000	0.419	0.111
ENSG00000257766	RP11-341G23.3	3.402	0.000	2.880	2.593	0.007	2.178	0.682
ENSG00000004848	ARX	3.400	0.000	0.833	3.779	0.000	0.941	0.202
ENSG00000203799	CCDC162P	3.382	0.000	8.246	3.710	0.000	9.078	2.303
ENSG00000163395	IGFN1	3.368	0.000	0.189	1.972	0.053	0.102	0.047
ENSG00000142677	IL22RA1	3.355	0.000	45.655	2.702	0.000	35.662	13.356
ENSG00000136002	ARHGEF4	3.354	0.000	0.270	2.994	0.000	0.248	0.066
ENSG00000123838	C4BPA	3.347	0.000	4.706	1.475	0.379	4.438	1.170
ENSG00000254560	RP11-1L12.3	3.341	0.001	1.161	2.531	0.031	0.831	0.117
ENSG00000106258	CYP3A5	3.314	0.000	54.103	2.636	0.000	42.593	15.976
ENSG00000151364	KCTD14	3.306	0.000	17.407	3.273	0.000	17.077	5.149
ENSG00000168032	ENTPD3	3.296	0.000	2.189	2.650	0.002	1.763	0.557
ENSG00000226872	AC002472.11	3.294	0.000	0.922	2.650	0.004	0.738	0.222
ENSG00000163464	CXCR1	3.281	0.001	0.277	1.506	0.467	0.091	0.048
ENSG00000196754	S100A2	3.269	0.000	1.061	2.479	0.002	0.778	0.282
ENSG00000089723	OTUB2	3.269	0.000	2.111	3.172	0.000	2.037	0.618
ENSG00000188263	IL17REL	3.264	0.000	1.018	1.725	0.260	0.466	0.229
ENSG00000124920	MYRF	3.261	0.000	12.677	2.533	0.000	9.737	3.729
ENSG00000171234	UGT2B7	3.254	0.000	5.688	1.535	0.250	4.880	1.538
ENSG00000251537	RP11-385D13.1	3.236	0.000	2.902	2.652	0.000	2.347	0.875
ENSG00000116132	PRRX1	3.236	0.000	0.525	2.469	0.003	0.392	0.140

ENSG00000100453	GZMB	3.234	0.000	1.965	1.472	0.308	0.801	0.544
ENSG00000254829	RP11-7115.3	3.221	0.000	25.597	3.078	0.000	24.164	7.686
ENSG00000165507	C10orf10	3.220	0.000	9.700	2.736	0.000	8.142	2.967
ENSG00000183628	DGCR6	3.204	0.000	1.499	1.998	0.026	0.883	0.418
ENSG00000163874	ZC3H12A	3.204	0.000	18.788	2.014	0.001	11.316	5.686
ENSG00000090402	SI	3.201	0.000	47.660	3.149	0.000	47.871	13.029
ENSG00000094755	GABRP	3.200	0.000	0.619	2.058	0.044	0.380	0.163
ENSG00000186451	SPATA12	3.196	0.001	0.158	2.992	0.006	0.149	0.026
ENSG00000225506	CYP4A22-AS1	3.195	0.002	0.321	2.098	1.000	0.182	0.046
ENSG00000230266	XXYLT1-AS2	3.195	0.000	0.853	2.103	0.061	0.532	0.215
ENSG00000204634	TBC1D8	3.172	0.000	9.492	2.980	0.000	8.921	2.922
ENSG00000259479	CTD-2008A1.2	3.171	0.000	0.925	2.565	0.001	0.744	0.259
ENSG00000146678	IGFBP1	3.169	0.002	0.251	1.066	1.000	0.053	0.047
ENSG00000146049	KAAG1	3.166	0.000	0.424	1.844	0.190	0.226	0.100
ENSG00000164542	KIAA0895	3.166	0.000	1.791	2.268	0.002	1.259	0.525
ENSG00000148965	SAA4	3.155	0.002	0.330	1.232	1.000	0.440	0.031
ENSG00000165188	RNF183	3.152	0.000	1.239	2.813	0.002	1.126	0.319
ENSG00000136155	SEEL	3.148	0.000	2.246	3.143	0.000	2.286	0.575
ENSG00000109610	SOD3	3.145	0.000	28.662	2.559	0.000	22.940	8.624
ENSG00000183298	RP11-556K13.1	3.141	0.000	0.617	2.279	0.020	0.431	0.157
ENSG00000165816	VWA2	3.140	0.000	2.501	2.353	0.017	1.847	0.645
ENSG00000249743	RP11-60A8.1	3.132	0.003	0.146	2.430	1.000	0.107	0.010
ENSG00000100373	UPK3A	3.130	0.000	0.607	2.354	0.025	0.443	0.154
ENSG00000147689	FAM83A	3.127	0.000	0.256	3.752	0.000	0.336	0.064
ENSG00000225315	RP11-293P20.2	3.124	0.000	2.430	2.452	0.004	1.876	0.673
ENSG00000128578	STRIP2	3.124	0.000	2.244	2.631	0.005	1.897	0.596
ENSG00000238271	IFNWP19	3.116	0.002	0.679	2.443	1.000	0.507	0.014
ENSG00000137267	TUBB2A	3.116	0.000	13.548	2.654	0.000	11.235	4.074
ENSG00000065833	ME1	3.116	0.000	31.313	2.766	0.000	27.541	9.154
ENSG00000233441	CYP2AB1P	3.110	0.003	0.210	3.150	1.000	0.469	0.013
ENSG00000185739	SRL	3.110	0.000	0.262	2.760	0.003	0.237	0.070
ENSG00000109101	FOXN1	3.109	0.002	0.083	3.709	0.001	0.107	0.010
ENSG00000253227	RP11-383J24.1	3.105	0.002	1.066	3.404	0.002	1.250	0.185
ENSG00000259187	CTD-2008A1.1	3.097	0.003	0.458	2.858	1.000	0.433	0.037
ENSG00000183248	CTD-3193O13.9	3.093	0.000	0.169	3.671	0.000	0.204	0.040
ENSG00000228146	CASP16	3.085	0.000	4.239	2.336	0.004	3.141	1.229
ENSG00000101144	BMP7	3.082	0.000	1.712	2.432	0.000	1.314	0.525
ENSG00000113302	IL12B	3.079	0.003	0.132	1.287	1.000	0.036	0.020
ENSG00000058085	LAMC2	3.077	0.000	47.306	2.455	0.000	36.933	14.467
ENSG00000175505	CLCF1	3.074	0.000	4.961	1.965	0.000	3.060	1.601
ENSG00000189377	CXCL17	3.073	0.003	0.312	2.376	1.000	0.231	0.035
ENSG00000178531	CTXN1	3.071	0.000	0.656	2.292	0.024	0.477	0.176
ENSG00000251026	RP11-138J23.1	3.070	0.002	0.252	1.540	1.000	0.079	0.014
ENSG00000204876	ACO21218.2	3.059	0.003	11.169	2.803	0.017	10.828	2.021
ENSG00000185988	PLK5	3.057	0.003	0.131	1.498	1.000	0.050	0.024
ENSG00000233098	RP11-344E13.3	3.055	0.000	0.091	2.594	0.011	0.074	0.019
ENSG00000140859	KIFC3	3.046	0.000	3.921	2.576	0.000	3.289	1.256
ENSG00000197930	ERO1L	3.040	0.000	40.764	2.620	0.000	34.639	12.972
ENSG00000128242	GAL3ST1	3.039	0.000	3.088	2.820	0.000	2.849	0.936
ENSG00000135702	CHST5	3.032	0.000	29.144	2.852	0.000	26.951	8.986
ENSG00000112414	GPR126	3.028	0.000	13.749	2.590	0.000	11.798	4.152
ENSG00000029153	ARNTL2	3.023	0.000	3.512	2.431	0.001	2.808	1.073
ENSG00000165810	BTNL9	3.023	0.000	3.039	2.985	0.000	3.081	0.941
ENSG00000074211	PPP2R2C	3.021	0.002	0.087	1.634	0.342	0.040	0.020
ENSG00000169429	IL8	3.020	0.002	1.817	1.708	0.293	1.901	0.389
ENSG00000226652	PSMD10P2	3.016	0.000	2.109	2.444	0.005	1.694	0.618
ENSG00000235385	GS1-600G8.5	3.015	0.003	0.421	2.638	0.027	0.378	0.079
ENSG00000255007	CTD-2589M5.4	3.013	0.000	1.340	2.467	0.007	1.082	0.375
ENSG00000258757	RP11-841O20.2	3.012	0.000	61.227	2.386	0.000	47.585	19.722
ENSG00000149043	SYT8	3.008	0.000	0.811	2.640	0.000	0.700	0.245
ENSG00000206145	P2RX6P	3.002	0.003	0.306	2.740	1.000	0.304	0.000
ENSG00000169258	GPRIN1	2.998	0.000	9.093	3.093	0.000	9.459	2.775
ENSG00000133321	RARRES3	2.995	0.000	35.169	2.245	0.004	25.368	10.577
ENSG00000152128	TMEM163	2.993	0.000	0.456	2.047	0.065	0.289	0.124
ENSG00000233718	MYCNOS	2.992	0.001	0.183	2.537	0.018	0.156	0.044
ENSG00000137225	CAPN11	2.989	0.000	2.203	2.519	0.012	1.862	0.594
ENSG00000179862	CITED4	2.985	0.000	1.852	1.748	0.094	0.999	0.551
ENSG00000118898	PPL	2.983	0.000	6.077	2.344	0.000	4.686	2.031
ENSG00000236751	RP1-30G7.2	2.981	0.001	0.750	2.565	0.015	0.630	0.183
ENSG00000111701	APOBEC1	2.976	0.000	21.769	2.323	0.001	16.858	6.899
ENSG00000203472	RP11-77K12.4	2.973	0.000	2.797	2.490	0.000	2.296	0.866
ENSG00000167588	GPD1	2.967	0.000	4.570	3.184	0.000	5.076	1.408
ENSG00000173557	C2orf70	2.967	0.000	0.813	1.985	0.049	0.512	0.236
ENSG00000221926	TRIM16	2.951	0.000	7.346	2.340	0.000	5.725	2.491
ENSG00000188037	CLCN1	2.945	0.001	0.114	1.977	0.130	0.071	0.027

ENSG00000255813	AL162497.1	2.942	0.000	23.843	2.523	0.000	20.446	7.696
ENSG00000189058	APOD	2.941	0.000	7.080	1.487	0.381	3.656	1.346
ENSG00000256050	RP11-982M15.6	2.939	0.000	1.209	2.671	0.001	1.091	0.373
ENSG00000158023	WDR66	2.937	0.000	0.182	2.412	0.005	0.146	0.055
ENSG00000182378	PLCXD1	2.934	0.000	0.913	1.712	0.105	0.502	0.284
ENSG00000136542	GALNT5	2.926	0.000	22.415	2.620	0.000	19.916	7.225
ENSG00000183196	CHST6	2.925	0.000	1.916	2.590	0.000	1.680	0.616
ENSG00000230107	CTA-126B4.7	2.916	0.002	1.119	1.344	0.615	0.928	0.296
ENSG00000235523	RP11-63P12.7	2.911	0.000	7.664	2.300	0.006	5.749	2.306
ENSG00000185950	IRS2	2.904	0.000	12.689	2.387	0.000	10.414	4.237
ENSG00000171889	MIR31HG	2.901	0.005	0.680	2.392	1.000	0.341	0.021
ENSG00000182240	BACE2	2.901	0.000	54.972	2.478	0.000	46.224	18.385
ENSG00000184995	IFNE	2.900	0.004	0.190	2.486	1.000	0.161	0.005
ENSG00000162078	ZG16B	2.898	0.000	59.062	2.794	0.000	55.966	19.297
ENSG00000241544	RP11-6F2.5	2.896	0.001	0.252	1.817	0.179	0.145	0.064
ENSG00000179148	ALOXE3	2.894	0.005	0.068	2.491	1.000	0.059	0.010
ENSG00000103569	AQP9	2.893	0.005	0.339	1.449	0.527	0.061	0.032
ENSG00000081041	CXCL2	2.892	0.000	3.235	2.216	0.014	2.363	0.950
ENSG00000141497	ZMYND15	2.890	0.000	2.879	2.769	0.000	2.723	0.975
ENSG00000242247	ARFGAP3	2.890	0.000	40.695	2.381	0.000	33.068	13.985
ENSG00000125046	SSUH2	2.870	0.000	3.342	2.210	0.004	2.484	1.082
ENSG00000132329	RAMP1	2.870	0.000	2.934	2.051	0.035	1.989	0.886
ENSG00000131188	PRR7	2.865	0.000	1.289	1.793	0.017	0.772	0.435
ENSG00000203499	FAM83H-AS1	2.864	0.000	4.123	2.559	0.000	3.679	1.422
ENSG00000188660	LINC00319	2.862	0.001	0.245	2.572	0.008	0.224	0.069
ENSG00000128165	ADM2	2.861	0.000	4.049	3.021	0.000	4.263	1.367
ENSG00000079337	RAPGEF3	2.860	0.000	3.563	2.534	0.000	3.108	1.220
ENSG00000069482	GAL	2.858	0.003	0.803	2.266	0.063	0.591	0.196
ENSG00000144908	ALDH1L1	2.855	0.000	12.635	2.017	0.018	8.694	4.061
ENSG00000163191	S100A11	2.853	0.000	503.114	2.135	0.000	365.748	171.499
ENSG00000181085	MAPK15	2.847	0.000	1.581	2.409	0.001	1.335	0.521
ENSG00000137198	GMPR	2.845	0.000	3.538	2.269	0.000	2.799	1.224
ENSG00000170345	FOS	2.838	0.001	37.604	1.575	0.347	17.005	9.650
ENSG00000092445	TYRO3	2.829	0.000	0.872	2.089	0.000	0.630	0.303
ENSG00000165046	LETM2	2.825	0.000	0.508	1.451	0.279	0.246	0.171
ENSG00000173846	PLK3	2.824	0.000	4.551	1.915	0.000	2.984	1.615
ENSG00000006534	ALDH3B1	2.818	0.000	9.156	2.501	0.000	8.060	3.289
ENSG00000135318	NTSE	2.817	0.000	30.721	2.729	0.000	29.927	10.583
ENSG00000227755	AP000344.4	2.811	0.001	1.930	1.474	0.430	0.877	0.543
ENSG00000244300	RP11-475N22.4	2.811	0.002	0.773	3.263	0.001	1.000	0.217
ENSG00000254521	SIGLEC12	2.804	0.000	2.975	2.015	0.064	1.966	0.881
ENSG00000188157	AGRN	2.799	0.000	20.234	2.107	0.000	14.862	7.145
ENSG00000178752	FAM132B	2.793	0.003	0.282	3.256	0.002	0.363	0.072
ENSG00000142484	TM4SF5	2.773	0.000	35.740	2.623	0.000	32.932	12.371
ENSG00000120149	MSX2	2.769	0.002	1.083	2.419	0.026	0.978	0.290
ENSG00000073067	CYP2W1	2.769	0.001	0.837	2.605	0.007	0.786	0.243
ENSG00000257433	RP1-197B17.3	2.769	0.000	1.899	2.412	0.000	1.620	0.671
ENSG00000113070	HBEGF	2.755	0.000	10.355	1.975	0.025	6.942	3.410
ENSG00000159363	ATP13A2	2.751	0.000	26.003	2.176	0.000	19.892	9.538
ENSG00000099960	SLC7A4	2.746	0.000	2.872	2.678	0.000	2.756	1.012
ENSG00000164171	ITGA2	2.744	0.000	17.757	2.068	0.006	13.148	6.103
ENSG00000134323	MYCN	2.739	0.000	1.966	2.042	0.013	1.460	0.673
ENSG00000222033	LINC01124	2.738	0.001	0.331	2.950	0.002	0.371	0.096
ENSG00000054598	FOXC1	2.736	0.000	0.333	3.505	0.000	0.442	0.103
ENSG00000161921	CXCL16	2.734	0.000	38.137	2.424	0.000	32.961	14.022
ENSG00000135253	KCP	2.732	0.000	3.119	2.596	0.000	2.937	1.140
ENSG00000186474	KLK12	2.730	0.003	0.754	2.686	0.012	0.771	0.187
ENSG00000163737	PF4	2.729	0.003	1.571	2.039	0.100	1.116	0.411
ENSG00000168481	LGI3	2.727	0.006	0.086	1.676	0.324	0.203	0.022
ENSG00000214376	VSTM5	2.724	0.000	2.608	2.441	0.000	2.297	0.920
ENSG00000124216	SNAI1	2.723	0.000	0.845	1.467	0.288	0.422	0.288
ENSG00000010310	GIPR	2.719	0.000	13.095	2.396	0.000	11.441	4.658
ENSG00000124588	NQO2	2.715	0.000	7.253	2.948	0.000	7.738	2.590
ENSG00000169894	MUC3A	2.713	0.000	86.319	2.572	0.000	80.694	31.394
ENSG00000115648	MLPH	2.713	0.000	33.528	2.421	0.000	29.481	12.337
ENSG00000088386	SLC15A1	2.705	0.006	5.472	2.443	0.039	4.764	1.331
ENSG00000203688	RP11-351J23.1	2.705	0.000	0.485	3.487	0.000	0.654	0.157
ENSG00000158825	CDA	2.705	0.000	51.107	2.447	0.001	45.226	17.304
ENSG00000167800	TBX10	2.703	0.001	10.495	1.938	0.099	7.050	3.227
ENSG00000133488	SEC14L4	2.696	0.007	0.119	-1.048	1.000	0.030	0.034
ENSG00000133519	ZDHC8P1	2.696	0.000	1.470	2.518	0.002	1.351	0.472
ENSG00000250218	ALDH1L1-AS1	2.694	0.000	15.142	1.920	0.037	10.342	5.126
ENSG00000108001	EBF3	2.693	0.002	0.114	2.359	0.026	0.099	0.032
ENSG00000177076	ACER2	2.692	0.000	6.341	2.420	0.006	5.802	2.105
ENSG00000245311	RP11-165P7.1	2.680	0.003	0.808	2.323	0.033	0.705	0.246

ENSG00000221887	HMSD	2.674	0.000	2.958	2.422	0.001	2.649	1.032
ENSG00000214922	HLA-F-AS1	2.671	0.000	2.424	1.506	0.116	1.315	0.890
ENSG00000008300	CELSR3	2.670	0.000	1.018	3.110	0.000	1.192	0.365
ENSG00000167600	CYP2S1	2.668	0.000	61.778	2.443	0.000	54.866	22.299
ENSG00000104522	TSTA3	2.668	0.000	48.087	2.123	0.000	37.304	18.359
ENSG00000225187	AC073283.7	2.667	0.004	0.633	2.346	0.039	0.555	0.194
ENSG00000137857	DUOX1	2.663	0.000	1.435	2.612	0.001	1.419	0.492
ENSG00000104881	PPP1R13L	2.661	0.000	10.937	2.061	0.000	8.256	4.150
ENSG00000115297	TLX2	2.657	0.000	0.650	3.011	0.000	0.765	0.227
ENSG00000149798	CDC42EP2	2.655	0.000	9.161	2.050	0.000	6.816	3.436
ENSG00000179403	VWA1	2.655	0.000	9.695	2.105	0.000	7.531	3.655
ENSG00000159374	M1AP	2.652	0.001	0.398	1.055	0.940	0.128	0.127
ENSG00000120738	EGR1	2.651	0.002	13.079	1.825	0.159	8.011	3.794
ENSG00000213996	TM6SF2	2.648	0.000	18.200	1.855	0.043	11.956	6.398
ENSG00000123989	CHPF	2.647	0.000	24.366	2.117	0.000	19.178	9.342
ENSG00000132481	TRIM47	2.647	0.000	20.974	2.080	0.000	15.949	8.035
ENSG00000111962	UST	2.643	0.000	1.801	1.369	0.323	0.887	0.658
ENSG00000182646	FAM156A	2.642	0.013	0.069	1.373	1.000	0.022	0.010
ENSG00000162576	MXRA8	2.640	0.000	18.964	2.087	0.000	14.631	7.196
ENSG00000204538	PSORS1C2	2.638	0.008	3.077	1.237	0.739	1.076	0.787
ENSG00000211787	TRAV8-3	2.638	0.004	0.878	1.415	0.526	0.393	0.246
ENSG00000060558	GNA15	2.634	0.000	4.359	2.290	0.000	3.703	1.627
ENSG00000254548	RP11-429J17.5	2.630	0.002	2.111	2.062	0.069	1.588	0.637
ENSG00000114378	HYAL1	2.624	0.000	11.981	1.844	0.054	8.190	4.263
ENSG00000169469	SPRR1B	2.622	0.003	0.255	1.100	1.000	0.503	0.000
ENSG00000165935	SMCO2	2.618	0.011	0.133	2.073	1.000	0.097	0.028
ENSG00000145649	GZMA	2.617	0.000	20.319	1.780	0.043	13.129	7.308
ENSG00000117834	SLC5A9	2.617	0.000	2.645	2.058	0.026	2.035	0.911
ENSG00000158816	VWASB1	2.614	0.007	0.215	1.481	0.467	0.233	0.063
ENSG00000011422	PLAUR	2.612	0.000	39.916	2.278	0.001	33.743	14.574
ENSG00000157613	CREB3L1	2.611	0.000	47.844	2.187	0.000	39.325	18.517
ENSG00000130475	FCHO1	2.610	0.000	4.539	1.965	0.000	3.342	1.748
ENSG00000232756	RP5-1185I7.1	2.609	0.000	2.338	2.167	0.005	1.893	0.838
ENSG00000131019	ULBP3	2.607	0.000	0.691	2.934	0.000	0.802	0.236
ENSG00000131203	IDO1	2.606	0.000	3.972	1.100	0.865	1.415	1.335
ENSG00000130513	GDF15	2.606	0.000	11.648	2.288	0.001	9.934	4.206
ENSG00000152208	GRID2	2.605	0.011	0.020	3.041	1.000	0.027	0.002
ENSG00000114854	TNNC1	2.601	0.007	0.546	2.672	0.015	0.568	0.141
ENSG00000174307	PHLDA3	2.599	0.000	6.917	2.200	0.000	5.719	2.648
ENSG00000256604	AC093668.2	2.598	0.004	0.423	1.823	0.189	0.268	0.120
ENSG00000140511	HAPLN3	2.598	0.000	2.663	1.162	0.740	1.063	0.957
ENSG00000164951	PDP1	2.591	0.000	7.303	2.534	0.000	7.050	2.723
ENSG00000007933	FMO3	2.589	0.003	0.336	2.607	0.011	0.351	0.101
ENSG00000187905	AC002472.13	2.586	0.014	0.032	3.417	1.000	0.048	0.005
ENSG00000069011	PITX1	2.583	0.000	8.835	1.857	0.000	6.221	3.456
ENSG00000254109	RBPM5-AS1	2.579	0.000	1.902	2.001	0.001	1.439	0.719
ENSG00000131037	EPS8L1	2.575	0.000	26.287	2.230	0.000	22.055	9.959
ENSG00000142178	SIK1	2.574	0.000	4.010	1.972	0.020	2.927	1.438
ENSG00000132470	ITGB4	2.573	0.000	85.183	2.029	0.000	66.036	33.728
ENSG00000147869	CER1	2.568	0.009	0.068	1.151	1.000	0.109	0.000
ENSG00000138028	CGREF1	2.567	0.000	4.333	2.589	0.000	4.378	1.643
ENSG00000259230	CTD-2555C10.3	2.566	0.001	1.927	1.562	0.281	1.075	0.662
ENSG00000177738	CTD-2201E18.3	2.563	0.000	2.107	1.914	0.000	1.538	0.828
ENSG00000114019	AMOTL2	2.563	0.000	3.812	2.029	0.000	2.988	1.485
ENSG00000214733	RP11-429J17.8	2.548	0.004	0.393	2.367	0.026	0.364	0.114
ENSG00000143217	PVRL4	2.548	0.000	3.408	2.189	0.000	2.915	1.307
ENSG00000162772	ATF3	2.545	0.001	8.400	2.070	0.039	6.455	2.824
ENSG00000242590	RP11-5407.14	2.544	0.000	37.274	2.055	0.000	29.307	14.515
ENSG00000162630	B3GALT2	2.543	0.000	1.495	2.703	0.000	1.606	0.554
ENSG00000125571	IL37	2.542	0.004	0.713	1.667	0.272	0.424	0.220
ENSG00000230882	AC005077.14	2.542	0.000	2.400	2.018	0.000	1.880	0.947
ENSG00000178404	DDC8	2.536	0.000	7.655	2.227	0.000	6.586	3.008
ENSG00000166523	CLEC4E	2.535	0.006	0.300	1.329	0.612	0.124	0.087
ENSG00000108688	CCL7	2.534	0.002	0.657	1.546	0.346	0.368	0.210
ENSG00000234602	MCIDAS	2.533	0.010	0.221	3.022	0.005	0.296	0.067
ENSG00000151883	PARP8	2.531	0.000	3.146	2.471	0.000	3.073	1.195
ENSG00000132744	ACY3	2.531	0.000	17.877	1.994	0.001	13.946	7.016
ENSG00000197635	DPP4	2.529	0.000	25.058	2.105	0.001	20.512	9.639
ENSG00000171811	TTC40	2.526	0.004	0.059	2.564	0.012	0.062	0.019
ENSG00000187608	ISG15	2.517	0.000	42.378	2.680	0.000	44.202	15.652
ENSG00000087494	PTHLH	2.517	0.005	0.087	1.683	0.277	0.055	0.027
ENSG00000251258	RFPL4B	2.511	0.002	0.271	1.121	1.000	0.004	0.000
ENSG00000131746	TNS4	2.510	0.000	8.649	1.843	0.028	6.200	3.293
ENSG00000158874	APOA2	2.510	0.019	0.339	1.551	1.000	0.138	0.315
ENSG00000224167	RP3-522D1.1	2.509	0.001	1.177	1.646	0.226	0.724	0.408

ENSG00000115590	IL1R2	2.509	0.000	40.458	1.516	0.116	23.365	15.816
ENSG00000084674	APOB	2.507	0.020	0.229	1.318	0.661	0.071	0.022
ENSG00000211727	TRBV7-6	2.506	0.009	0.618	1.120	1.000	0.205	0.186
ENSG00000223552	RP11-24F11.2	2.505	0.000	2.928	2.096	0.002	2.413	1.148
ENSG00000124602	UNC5CL	2.504	0.000	6.275	2.196	0.002	5.476	2.396
ENSG00000163975	MF12	2.503	0.000	3.006	2.128	0.003	2.487	1.157
ENSG00000138166	DUSP5	2.502	0.000	30.120	1.952	0.004	22.315	11.754
ENSG00000166589	CDH16	2.501	0.006	0.193	1.815	0.192	0.131	0.061
ENSG00000178381	ZFAND2A	2.500	0.000	19.218	2.209	0.000	16.163	7.438
ENSG00000228168	HNRNPA1P21	2.499	0.006	0.392	1.830	0.183	0.263	0.121
ENSG00000189343	RPS2P46	2.497	0.008	9.668	-1.440	0.495	3.859	4.930
ENSG00000251191	LINC00589	2.493	0.002	0.371	2.044	0.055	0.294	0.129
ENSG00000137962	ARHGAP29	2.492	0.000	0.935	1.544	0.119	0.556	0.365
ENSG00000172061	LRRCL5	2.490	0.011	0.707	2.316	0.051	0.646	0.183
ENSG00000153294	GPR115	2.485	0.000	2.311	2.569	0.000	2.412	0.864
ENSG00000196511	TPK1	2.484	0.000	3.461	1.869	0.005	2.564	1.386
ENSG00000246526	RP11-539L10.2	2.483	0.000	0.943	2.036	0.000	0.762	0.375
ENSG00000166840	GLYATL1	2.481	0.001	0.162	1.751	0.154	0.107	0.056
ENSG00000124780	KCNK17	2.480	0.001	0.299	2.071	0.031	0.243	0.106
ENSG00000197279	ZNF165	2.480	0.000	4.837	2.033	0.000	3.847	1.924
ENSG00000130827	PLXNA3	2.479	0.000	14.472	2.193	0.001	12.676	5.717
ENSG00000131015	ULBP2	2.478	0.017	0.224	2.180	1.000	0.192	0.059
ENSG00000259162	RP11-203M5.6	2.474	0.001	2.048	1.431	0.418	1.098	0.756
ENSG00000137691	C11orf70	2.474	0.006	0.254	2.739	0.007	0.291	0.080
ENSG00000238279	BX470102.3	2.472	0.000	11.063	1.774	0.007	7.538	4.408
ENSG00000106541	AGR2	2.471	0.000	1104.832	2.141	0.001	937.513	431.508
ENSG00000134278	SPIRE1	2.468	0.000	3.518	1.689	0.006	2.376	1.440
ENSG00000187231	SESTD1	2.468	0.000	4.079	1.979	0.002	3.230	1.621
ENSG00000255674	AC013718.1	2.467	0.005	1.909	1.751	0.210	1.256	0.628
ENSG00000153395	LPCAT1	2.467	0.000	8.952	2.014	0.000	7.169	3.637
ENSG00000116285	ERRFI1	2.466	0.000	27.868	2.022	0.003	22.425	10.977
ENSG00000105976	MET	2.458	0.000	16.093	2.275	0.000	14.840	6.482
ENSG0000018280	SLC11A1	2.453	0.000	0.230	1.648	0.087	0.147	0.092
ENSG00000163132	MSX1	2.449	0.002	0.350	2.392	0.008	0.355	0.128
ENSG00000161326	DUSP14	2.447	0.000	1.891	1.526	0.042	1.145	0.786
ENSG00000225680	AL163953.2	2.441	0.011	0.521	2.683	0.013	0.593	0.156
ENSG00000127528	KLF2	2.441	0.000	11.811	1.529	0.177	6.874	4.587
ENSG00000227681	RP11-307P5.1	2.435	0.014	0.142	2.733	1.000	0.161	0.036
ENSG00000167880	EVPL	2.434	0.000	15.251	1.905	0.000	11.823	6.322
ENSG00000188828	GLRA4	2.433	0.000	1.651	1.560	0.092	1.012	0.667
ENSG00000226526	RP1-37C10.3	2.432	0.000	10.145	2.078	0.005	8.493	4.032
ENSG00000003249	DBNDD1	2.431	0.001	3.083	2.496	0.004	3.234	1.129
ENSG00000071575	TRIB2	2.431	0.000	7.279	1.633	0.058	4.816	2.941
ENSG00000248409	KB-1269D1.8	2.422	0.007	1.045	2.715	0.006	1.219	0.334
ENSG00000168209	DDIT4	2.419	0.000	39.513	2.302	0.000	36.550	16.240
ENSG00000150403	TMCO3	2.414	0.000	26.963	2.469	0.000	27.578	11.318
ENSG00000149243	KLHL35	2.413	0.000	0.253	2.240	0.005	0.232	0.097
ENSG00000196420	S100A5	2.407	0.004	0.625	1.502	0.388	0.361	0.216
ENSG00000213412	HNRNPA1P33	2.404	0.009	0.832	1.209	0.757	0.339	0.272
ENSG00000254902	ANO1-AS1	2.402	0.000	12.514	1.886	0.002	9.787	5.238
ENSG00000244026	FAM86DP	2.401	0.000	2.766	1.750	0.000	1.992	1.177
ENSG00000213889	PPM1N	2.398	0.000	1.480	2.194	0.001	1.340	0.610
ENSG00000164070	HSPA4L	2.397	0.000	1.589	2.213	0.001	1.457	0.643
ENSG00000174950	CD164L2	2.397	0.014	0.180	1.442	0.509	0.090	0.053
ENSG00000163577	EIF5A2	2.395	0.000	0.809	2.527	0.000	0.854	0.326
ENSG00000116035	VAX2	2.394	0.026	0.303	2.155	0.106	0.267	0.073
ENSG00000131620	ANO1	2.393	0.000	6.975	1.814	0.003	5.278	2.928
ENSG00000174171	RP11-23P13.6	2.392	0.005	0.710	1.570	0.315	0.439	0.253
ENSG00000197506	SLC28A3	2.392	0.000	0.953	2.298	0.001	0.918	0.382
ENSG00000225462	FDPSP1	2.392	0.000	1.080	1.646	0.140	0.693	0.425
ENSG0000010030	ETV7	2.382	0.000	3.374	1.743	0.032	2.377	1.379
ENSG00000095397	DFNB31	2.381	0.000	3.833	1.468	0.094	2.288	1.616
ENSG00000123358	NR4A1	2.379	0.001	3.376	1.808	0.068	2.404	1.297
ENSG00000085265	FCN1	2.374	0.009	0.488	1.035	0.965	0.159	0.165
ENSG00000189325	C6orf222	2.373	0.000	12.564	2.287	0.000	11.956	5.317
ENSG00000188396	TCTEX1D4	2.372	0.001	0.809	1.734	0.106	0.567	0.309
ENSG00000170956	CEACAM3	2.370	0.001	0.838	2.440	0.002	0.856	0.321
ENSG00000120211	INSL4	2.369	0.018	0.201	2.808	1.000	0.056	0.000
ENSG00000248323	LUCAT1	2.368	0.031	0.241	1.709	0.319	0.148	0.051
ENSG00000180061	TMEM150B	2.368	0.000	42.815	2.015	0.002	35.521	17.859
ENSG00000107819	SFXN3	2.367	0.000	11.411	2.055	0.000	9.735	4.921
ENSG00000187944	C2orf66	2.366	0.005	0.484	2.310	0.021	0.479	0.171
ENSG00000180871	CXCR2	2.364	0.003	0.471	1.234	0.686	0.222	0.185
ENSG00000141526	SLC16A3	2.360	0.000	76.203	1.931	0.002	59.961	32.179
ENSG00000182795	C1orf116	2.358	0.000	25.774	2.000	0.000	21.513	11.068

ENSG00000007384	RHBDF1	2.358	0.000	14.350	1.977	0.000	11.695	6.190
ENSG00000099937	SERPIND1	2.358	0.011	0.191	-1.027	0.974	0.063	0.067
ENSG00000005238	FAM214B	2.357	0.000	15.478	1.776	0.005	11.181	6.557
ENSG00000164946	FREM1	2.357	0.011	2.642	1.640	0.301	1.744	0.915
ENSG00000226564	FTH1P20	2.356	0.004	3.039	2.133	0.039	2.631	1.099
ENSG00000188536	HBA2	2.356	0.010	2.388	1.558	0.361	1.329	0.812
ENSG00000122778	KIAA1549	2.355	0.000	1.053	1.844	0.011	0.819	0.444
ENSG00000184206	GOLGA6L4	2.354	0.027	0.036	1.871	1.000	0.028	0.010
ENSG00000100228	RAB36	2.353	0.000	0.830	1.818	0.023	0.623	0.343
ENSG00000239474	KLHL41	2.349	0.002	0.513	1.872	0.074	0.392	0.196
ENSG00000254204	RP11-400K9.3	2.340	0.017	0.661	2.026	0.114	0.568	0.204
ENSG00000129467	ADCY4	2.337	0.000	3.305	2.400	0.000	3.389	1.404
ENSG00000186806	VSIG10L	2.330	0.000	2.011	2.604	0.000	2.210	0.832
ENSG00000164283	ESM1	2.323	0.028	0.254	2.205	0.085	0.246	0.072
ENSG00000180801	AR SJ	2.316	0.000	1.729	2.391	0.000	1.786	0.720
ENSG00000214128	TMEM213	2.316	0.003	0.115	1.884	0.078	0.091	0.045
ENSG00000015520	NPC1L1	2.315	0.011	0.081	2.002	0.094	0.067	0.027
ENSG00000114786	ABHD14A-ACY1	2.313	0.000	49.354	1.884	0.000	39.252	21.632
ENSG00000218632	RPL7P28	2.312	0.006	1.499	2.455	0.010	1.627	0.571
ENSG00000197442	MAP3K5	2.312	0.000	13.242	2.064	0.000	11.719	5.757
ENSG00000256553	TRAV1-2	2.312	0.015	1.003	1.171	0.806	0.386	0.342
ENSG00000172183	ISG20	2.311	0.000	12.290	1.997	0.004	10.339	5.208
ENSG00000176855	KRT18P28	2.310	0.002	0.461	2.082	0.030	0.407	0.176
ENSG00000258512	RP11-796G6.2	2.308	0.000	1.947	2.101	0.009	1.715	0.790
ENSG00000139725	RHOF	2.307	0.000	46.128	1.848	0.006	35.625	19.873
ENSG00000153234	NR4A2	2.305	0.001	2.413	1.841	0.054	1.844	0.964
ENSG00000197261	C6orf141	2.305	0.000	7.953	1.838	0.030	6.189	3.313
ENSG00000176903	PNMA1	2.303	0.000	20.874	1.839	0.001	16.277	9.180
ENSG00000129474	AJUBA	2.302	0.000	1.137	1.894	0.005	0.923	0.485
ENSG00000227188	RP5-1104E15.6	2.299	0.016	0.653	2.073	0.087	0.584	0.241
ENSG00000121653	MAPK8IP1	2.299	0.000	0.987	2.496	0.000	1.057	0.428
ENSG00000162645	GBP2	2.298	0.000	19.970	1.601	0.013	13.670	8.738
ENSG00000135472	FAIM2	2.296	0.006	0.397	1.897	0.096	0.321	0.152
ENSG00000134762	DSC3	2.296	0.003	0.208	1.075	0.904	0.087	0.084
ENSG00000138207	RBP4	2.295	0.000	4.633	2.154	0.006	4.327	1.953
ENSG00000182492	BGN	2.295	0.000	6.153	1.854	0.012	4.848	2.637
ENSG00000064666	CNN2	2.294	0.000	42.471	1.810	0.000	32.720	18.820
ENSG00000196730	DAPK1	2.294	0.000	8.306	1.953	0.000	7.080	3.651
ENSG00000179296	CTGLF12P	2.291	0.036	0.203	1.112	0.887	0.070	0.059
ENSG00000139318	DUSP6	2.290	0.000	30.050	1.878	0.001	24.136	13.181
ENSG00000157224	CLDN12	2.290	0.000	22.539	2.403	0.000	23.648	9.618
ENSG00000204345	CD300LD	2.289	0.023	0.092	1.095	1.000	0.018	0.012
ENSG00000198734	F5	2.288	0.004	0.659	2.653	0.002	0.796	0.258
ENSG00000136802	LRRC8A	2.286	0.000	18.325	1.922	0.000	15.037	8.130
ENSG00000136153	LMO7	2.286	0.000	42.713	2.043	0.001	37.644	18.629
ENSG00000230633	RP11-37E23.5	2.284	0.002	1.784	2.348	0.004	1.816	0.724
ENSG00000186081	KRT5	2.284	0.034	0.036	1.692	1.000	0.022	0.008
ENSG00000174145	KIAA1239	2.283	0.016	0.638	2.874	0.005	0.858	0.222
ENSG00000142733	MAP3K6	2.283	0.000	6.589	1.927	0.000	5.447	2.932
ENSG00000140526	ABHD2	2.271	0.000	56.670	1.948	0.006	48.056	24.582
ENSG00000230918	AC008063.2	2.270	0.002	3.736	2.007	0.037	3.293	1.548
ENSG00000198576	ARC	2.270	0.034	0.095	1.754	1.000	0.068	0.028
ENSG00000154217	PITPNC1	2.270	0.000	8.546	1.715	0.010	6.300	3.776
ENSG00000138463	DIRC2	2.270	0.000	10.405	1.970	0.000	8.872	4.681
ENSG00000197956	S100A6	2.268	0.000	3187.433	1.766	0.002	2387.454	1414.209
ENSG00000228838	RP4-784A16.2	2.268	0.042	0.325	1.676	1.000	0.208	0.076
ENSG00000223907	RP11-439L8.4	2.266	0.025	0.147	1.937	0.155	0.120	0.050
ENSG00000133710	SPINK5	2.265	0.001	5.880	2.434	0.001	6.156	2.447
ENSG00000117394	SLC2A1	2.263	0.000	36.858	1.877	0.001	29.772	16.392
ENSG00000213293	CTD-2666L21.3	2.261	0.022	0.770	2.307	0.046	0.784	0.229
ENSG00000078114	NEBL	2.261	0.000	2.298	2.300	0.000	2.372	0.989
ENSG00000166206	GABRB3	2.261	0.035	0.418	1.408	0.561	0.206	0.123
ENSG00000101198	NKAIN4	2.259	0.040	0.055	2.073	1.000	0.051	0.012
ENSG00000166401	SERPINB8	2.258	0.000	8.490	1.829	0.014	6.709	3.685
ENSG00000177409	SAMD9L	2.257	0.000	12.237	1.817	0.029	9.697	5.222
ENSG00000244734	HBB	2.255	0.019	19.267	-1.077	0.916	5.361	6.759
ENSG00000151948	GLT1D1	2.254	0.038	0.066	1.146	1.000	0.023	0.020
ENSG00000235162	C12orf75	2.251	0.000	18.425	1.773	0.005	14.270	8.152
ENSG00000223394	TRBV29OR9-2	2.251	0.039	0.711	1.171	1.000	0.280	0.226
ENSG00000128335	APOL2	2.251	0.000	25.537	1.544	0.006	17.167	11.631
ENSG00000133962	CATSPERB	2.250	0.000	2.527	2.439	0.000	2.761	1.092
ENSG00000167460	TPM4	2.247	0.000	192.192	1.992	0.000	168.687	87.107
ENSG00000237429	RP1-159A19.4	2.247	0.006	1.486	2.155	0.029	1.417	0.578
ENSG00000247381	PDX1-AS1	2.244	0.044	0.102	2.446	1.000	0.121	0.024
ENSG00000243989	ACY1	2.244	0.000	31.391	1.843	0.000	25.191	14.226

ENSG00000106348	IMPDH1	2.243	0.000	11.566	1.669	0.001	8.458	5.282
ENSG00000154768	C17orf50	2.240	0.007	0.400	1.708	0.191	0.292	0.159
ENSG00000122641	INHBA	2.240	0.023	0.169	1.926	0.148	0.143	0.062
ENSG00000258504	RP11-638I2.6	2.238	0.000	14.377	2.018	0.000	12.580	6.459
ENSG00000233996	AC013439.4	2.238	0.043	0.124	2.617	1.000	0.152	0.025
ENSG00000243766	HOTTIP	2.231	0.044	5.542	2.110	0.119	5.216	1.314
ENSG00000144730	IL17RD	2.231	0.001	0.194	1.882	0.045	0.161	0.081
ENSG00000174827	PDZK1	2.231	0.023	1.220	1.517	0.414	1.418	0.443
ENSG00000151929	BAG3	2.229	0.000	17.488	2.003	0.000	15.408	8.006
ENSG00000232803	RP11-93B14.5	2.227	0.000	2.568	1.740	0.059	1.967	1.120
ENSG00000141756	FKBP10	2.226	0.000	8.409	1.850	0.000	6.881	3.821
ENSG00000167157	PRRX2	2.225	0.003	0.758	1.333	0.511	0.419	0.324
ENSG00000203804	ADAMTSL4-AS1	2.221	0.004	1.324	1.792	0.105	1.024	0.549
ENSG00000176720	BOK	2.221	0.000	8.967	1.764	0.001	6.967	4.103
ENSG00000116039	ATP6V1B1	2.221	0.023	0.347	2.641	0.013	0.427	0.120
ENSG00000101187	SLCO4A1	2.216	0.000	4.706	1.819	0.016	3.801	2.107
ENSG00000254872	RP13-870H17.3	2.216	0.000	1.860	2.037	0.002	1.673	0.826
ENSG00000171552	BCL2L1	2.213	0.000	47.442	1.733	0.000	36.259	22.191
ENSG00000251095	RP11-115D19.1	2.212	0.016	0.222	1.726	0.224	0.163	0.084
ENSG00000143546	S100A8	2.211	0.006	2.655	-1.062	0.924	0.926	1.093
ENSG00000246640	RP11-1094H24.4	2.210	0.012	0.156	2.214	0.033	0.154	0.060
ENSG00000224818	RP11-134G8.8	2.209	0.006	0.848	1.805	0.118	0.674	0.349
ENSG00000142765	SYTL1	2.208	0.000	7.307	1.717	0.003	5.588	3.353
ENSG00000126458	RRAS	2.206	0.000	61.559	1.734	0.001	46.927	28.344
ENSG00000205413	SAMD9	2.206	0.000	17.287	2.077	0.006	16.205	7.524
ENSG00000123684	LPGAT1	2.205	0.000	16.279	1.837	0.003	13.408	7.381
ENSG00000125798	FOXA2	2.205	0.000	5.583	2.323	0.000	5.822	2.510
ENSG00000115474	KCNJ13	2.203	0.036	0.277	1.067	0.935	0.052	0.052
ENSG00000186188	FFAR4	2.200	0.000	13.292	2.340	0.000	13.916	6.015
ENSG00000155269	GPR78	2.200	0.001	0.262	2.548	0.000	0.307	0.115
ENSG00000128422	KRT17	2.198	0.048	0.123	4.854	0.000	0.380	0.028
ENSG00000117308	GALE	2.196	0.000	54.269	1.804	0.000	43.463	25.322
ENSG00000157193	LRP8	2.190	0.005	1.113	1.620	0.217	0.795	0.469
ENSG00000168398	BDKRB2	2.189	0.000	8.658	1.938	0.000	7.604	3.989
ENSG00000132259	CNGA4	2.189	0.035	0.207	-1.135	0.858	0.055	0.071
ENSG00000103534	TMC5	2.189	0.000	27.421	1.925	0.003	23.912	12.448
ENSG00000129990	SYT5	2.189	0.005	0.313	2.081	0.030	0.293	0.127
ENSG00000103379	SLC6A13	2.188	0.047	0.037	2.220	1.000	0.036	0.009
ENSG00000105717	PBX4	2.186	0.000	1.970	1.843	0.000	1.645	0.916
ENSG00000138152	BTBD16	2.186	0.026	0.216	2.134	0.072	0.215	0.079
ENSG00000107404	DVL1	2.181	0.000	26.104	1.723	0.000	20.137	12.338
ENSG00000166682	TMPRSS5	2.180	0.001	0.439	1.434	0.300	0.271	0.196
ENSG00000158125	XDH	2.177	0.000	31.274	1.721	0.032	24.432	14.244
ENSG00000109107	ALDOC	2.177	0.000	10.710	2.505	0.000	12.184	4.788
ENSG00000161249	DMKN	2.177	0.000	1.598	1.919	0.002	1.373	0.727
ENSG00000113645	WWC1	2.174	0.000	6.521	1.834	0.000	5.426	3.060
ENSG00000226963	AC078883.4	2.173	0.009	13.285	1.835	0.111	11.155	5.585
ENSG00000173237	C11orf86	2.173	0.001	68.136	1.607	0.147	47.048	30.086
ENSG00000105088	OLFM2	2.170	0.000	1.330	1.567	0.044	0.946	0.622
ENSG00000176919	C8G	2.165	0.004	6.355	2.279	0.008	6.617	2.680
ENSG00000112212	TSPO2	2.163	0.013	0.449	2.095	0.048	0.433	0.191
ENSG00000126709	IFI6	2.161	0.003	24.769	2.818	0.000	32.737	10.475
ENSG00000128564	VGFB	2.159	0.042	0.177	4.678	0.000	0.492	0.057
ENSG00000172137	CALB2	2.158	0.011	1.320	1.509	0.349	0.844	0.561
ENSG00000184557	SOCS3	2.157	0.001	6.639	1.478	0.271	4.315	2.907
ENSG00000151640	DPYSL4	2.157	0.029	0.101	1.584	0.359	0.065	0.035
ENSG00000126583	PRKCG	2.155	0.013	0.513	1.593	0.289	0.363	0.208
ENSG00000009950	MLXIPL	2.155	0.004	2.578	1.943	0.042	2.245	1.098
ENSG00000234235	BOK-AS1	2.154	0.013	0.690	1.741	0.179	0.550	0.283
ENSG00000104899	AMH	2.148	0.009	1.280	2.799	0.001	1.776	0.522
ENSG00000214188	ST7-OT4	2.146	0.015	0.143	1.550	0.339	0.097	0.055
ENSG00000100031	GGT1	2.145	0.009	7.353	1.593	0.256	4.988	3.108
ENSG00000068724	TTC7A	2.144	0.000	11.310	1.755	0.000	9.111	5.442
ENSG00000158428	C2orf62	2.144	0.020	0.095	1.624	0.296	0.066	0.035
ENSG00000228140	RP3-467K16.4	2.141	0.001	0.307	1.802	0.051	0.251	0.137
ENSG00000197119	SLC25A29	2.140	0.000	6.566	1.808	0.000	5.434	3.119
ENSG00000134107	BHLHE40	2.140	0.000	24.002	1.777	0.013	19.504	11.144
ENSG00000166016	ABTB2	2.139	0.000	4.798	2.104	0.000	4.636	2.266
ENSG00000141682	PMAIP1	2.139	0.000	3.476	1.831	0.025	2.928	1.573
ENSG00000170537	TMC7	2.137	0.000	8.024	1.867	0.001	6.887	3.778
ENSG00000108379	WNT3	2.135	0.015	0.481	2.142	0.040	0.481	0.202
ENSG00000188573	FBLL1	2.134	0.065	0.290	2.773	0.020	0.455	0.032
ENSG00000145911	N4BP3	2.132	0.000	0.990	1.629	0.040	0.730	0.463
ENSG00000008513	ST3GAL1	2.131	0.000	4.231	-1.001	0.997	4.668	2.035
ENSG00000099337	KCNK6	2.130	0.000	23.869	1.836	0.000	20.101	11.516

ENSG00000034152	MAP2K3	2.130	0.000	30.367	1.826	0.001	25.233	14.456
ENSG00000255498	RP11-618K13.2	2.129	0.005	1.646	2.433	0.003	1.873	0.706
ENSG00000229891	Z83851.1	2.129	0.001	1.259	1.742	0.058	0.992	0.559
ENSG00000226067	LINC00869	2.128	0.004	1.268	1.460	0.332	0.847	0.559
ENSG00000234928	AP000344.3	2.128	0.010	1.312	1.150	0.798	0.633	0.561
ENSG00000175920	DOK7	2.125	0.003	0.329	1.952	0.029	0.300	0.144
ENSG00000107338	SHB	2.124	0.000	10.888	1.780	0.001	8.910	5.202
ENSG00000078549	ADCYAP1R1	2.122	0.047	0.079	-1.117	0.880	0.022	0.029
ENSG00000102962	CCL22	2.121	0.012	2.159	1.054	0.937	0.935	0.932
ENSG00000143333	RGS16	2.120	0.001	1.616	1.624	0.100	1.202	0.739
ENSG00000224805	LINC00853	2.120	0.037	0.443	2.886	0.005	0.645	0.151
ENSG00000138606	SHF	2.119	0.000	1.661	1.984	0.002	1.561	0.777
ENSG00000115919	KYNU	2.119	0.000	1.685	1.640	0.071	1.250	0.779
ENSG00000161132	Xbac-B444P24.1	2.118	0.044	0.319	1.452	0.502	0.194	0.116
ENSG00000160870	CYP3A7	2.118	0.005	0.217	2.268	0.007	0.237	0.094
ENSG00000182327	GLTPD2	2.118	0.000	2.321	1.729	0.036	1.849	1.086
ENSG00000231133	HAR1B	2.116	0.030	1.090	1.196	0.771	0.533	0.446
ENSG00000124635	HIST1H2BJ	2.116	0.001	2.124	1.558	0.146	1.521	0.980
ENSG00000158859	ADAMTS4	2.113	0.009	0.324	1.242	0.660	0.173	0.141
ENSG00000183092	BEGAIN	2.113	0.007	0.281	3.019	0.000	0.409	0.121
ENSG00000103855	CD276	2.112	0.000	9.659	1.974	0.000	8.877	4.716
ENSG00000111907	TPD52L1	2.112	0.000	3.805	1.643	0.034	2.947	1.800
ENSG00000151689	INPP1	2.110	0.000	19.599	1.642	0.017	14.826	9.328
ENSG00000106927	AMBP	2.109	0.010	0.536	1.653	0.204	0.400	0.227
ENSG00000115641	FHL2	2.109	0.000	28.017	1.688	0.002	21.947	13.564
ENSG00000246022	ALDH1L1-AS2	2.108	0.014	1.097	1.632	0.241	0.826	0.471
ENSG00000175938	ORAI3	2.108	0.000	11.547	1.817	0.000	9.717	5.604
ENSG00000157227	MMP14	2.105	0.000	41.227	1.478	0.010	28.364	20.148
ENSG00000188735	TMEM120B	2.105	0.000	20.003	1.723	0.007	15.837	9.608
ENSG00000186912	P2RY4	2.102	0.034	0.953	1.464	0.458	0.617	0.387
ENSG00000253785	CTC-308K20.3	2.099	0.005	0.616	1.790	0.086	0.520	0.272
ENSG00000132746	ALDH3B2	2.098	0.026	0.127	1.389	0.526	0.075	0.049
ENSG00000155093	PTPRN2	2.097	0.000	8.914	2.053	0.000	8.703	4.364
ENSG00000235999	RP11-403I13.8	2.096	0.000	1.213	1.507	0.137	0.843	0.563
ENSG00000179772	FOXS1	2.095	0.010	0.400	1.501	0.339	0.266	0.169
ENSG00000167711	SERPINF2	2.094	0.000	1.105	1.710	0.049	0.869	0.513
ENSG00000088002	SULT2B1	2.091	0.001	4.897	1.630	0.115	3.748	2.285
ENSG00000256545	AL139819.1	2.091	0.025	59.601	1.593	0.311	43.458	24.910
ENSG00000176933	TOB2P1	2.090	0.012	0.338	1.544	0.310	0.247	0.152
ENSG00000108691	CCL2	2.090	0.000	24.791	1.015	0.978	11.076	11.491
ENSG00000151090	THRB	2.090	0.023	2.174	2.465	0.014	2.659	0.881
ENSG00000230701	FBXW4P1	2.089	0.013	0.310	1.590	0.274	0.220	0.132
ENSG00000103253	HAGHL	2.088	0.001	1.739	1.605	0.128	1.271	0.799
ENSG00000213413	PVRIG	2.087	0.000	2.491	1.693	0.024	1.978	1.179
ENSG00000134138	MEIS2	2.087	0.000	0.510	1.911	0.001	0.462	0.247
ENSG00000140835	CHST4	2.086	0.045	0.280	1.248	0.717	0.140	0.104
ENSG00000099194	SCD	2.085	0.022	50.736	1.599	0.293	37.281	21.516
ENSG00000171345	KRT19	2.085	0.000	931.536	1.843	0.004	787.749	445.208
ENSG00000204618	RNF39	2.081	0.000	4.794	2.141	0.000	4.801	2.326
ENSG00000255306	RP5-901A4.1	2.081	0.001	1.283	1.502	0.209	0.896	0.616
ENSG00000257582	RP11-129J12.2	2.080	0.011	0.537	1.821	0.102	0.463	0.232
ENSG00000172819	RARG	2.080	0.000	4.692	1.615	0.002	3.613	2.313
ENSG00000235772	AP001625.6	2.080	0.018	2.542	2.402	0.012	3.047	1.099
ENSG00000175445	LPL	2.080	0.016	0.918	1.820	0.124	0.796	0.394
ENSG00000179869	ABCA13	2.079	0.027	0.104	1.970	0.096	0.101	0.043
ENSG00000257524	RP11-203J24.9	2.078	0.000	88.606	1.683	0.024	69.277	42.469
ENSG00000150630	VEGFC	2.077	0.000	0.479	1.694	0.043	0.380	0.229
ENSG00000258973	RP11-934B9.3	2.074	0.000	29.297	1.799	0.000	24.806	14.497
ENSG00000110047	EHD1	2.074	0.000	15.372	1.796	0.000	13.018	7.625
ENSG00000182870	GALNT9	2.074	0.009	0.204	1.437	0.389	0.133	0.089
ENSG00000243444	PALM2	2.074	0.013	0.126	1.907	0.076	0.117	0.057
ENSG00000008853	RHOBTB2	2.072	0.000	4.072	1.651	0.020	3.168	1.975
ENSG00000128342	LIF	2.070	0.000	8.371	1.710	0.007	6.866	4.089
ENSG00000237286	AC004906.3	2.069	0.004	1.534	1.143	0.783	0.783	0.708
ENSG00000197520	FAM177B	2.069	0.002	6.162	1.858	0.032	5.515	2.885
ENSG00000028137	TNFRSF1B	2.065	0.000	20.240	1.917	0.000	18.262	10.039
ENSG00000111696	NT5DC3	2.064	0.000	1.974	1.873	0.007	1.769	0.947
ENSG00000241886	RP11-242C19.2	2.064	0.021	1.255	1.321	0.586	0.740	0.554
ENSG00000114626	ABTB1	2.064	0.000	8.551	1.801	0.001	7.283	4.184
ENSG00000244617	ASPRV1	2.062	0.000	1.410	1.637	0.048	1.080	0.677
ENSG00000129465	RIPK3	2.058	0.000	32.045	1.794	0.000	27.294	16.026
ENSG00000100170	SLC5A1	2.056	0.001	17.281	1.862	0.022	15.602	8.212
ENSG00000225308	ASS1P11	2.055	0.024	2.032	1.562	0.320	1.455	0.890
ENSG00000167759	KLK13	2.049	0.015	1.102	1.652	0.210	0.868	0.489
ENSG00000124557	BTN1A1	2.049	0.044	0.136	1.455	0.478	0.090	0.056

ENSG00000165695	AK8	2.048	0.008	0.190	1.382	0.448	0.120	0.084
ENSG00000226380	MIR29A	2.048	0.002	0.803	1.581	0.143	0.601	0.383
ENSG00000198286	CARD11	2.047	0.000	4.202	1.054	0.904	2.013	2.032
ENSG00000198113	TOR4A	2.047	0.000	24.583	1.799	0.000	20.953	12.226
ENSG00000187862	TTC24	2.046	0.046	0.206	-1.412	0.536	0.046	0.084
ENSG00000119899	SLC17A5	2.046	0.000	34.783	1.950	0.000	32.595	17.309
ENSG00000065618	COL17A1	2.043	0.000	88.213	1.692	0.007	71.645	43.813
ENSG00000105355	PLIN3	2.043	0.000	90.964	1.747	0.002	75.489	45.571
ENSG00000184979	USP18	2.043	0.000	2.191	2.037	0.003	2.177	1.065
ENSG00000124225	PMEP1	2.042	0.000	9.373	1.696	0.016	7.660	4.611
ENSG00000197324	LRP10	2.042	0.000	91.706	1.665	0.000	73.167	46.422
ENSG00000226383	AC093375.1	2.042	0.016	0.728	1.797	0.124	0.626	0.326
ENSG00000198355	PIM3	2.041	0.000	28.218	1.608	0.001	21.543	14.177
ENSG00000176092	AIM1L	2.040	0.000	9.226	1.819	0.005	8.076	4.573
ENSG00000142623	PADI1	2.040	0.018	0.298	1.901	0.085	0.281	0.134
ENSG00000006453	BAIAP2L1	2.040	0.000	54.546	1.743	0.000	45.614	27.416
ENSG00000258691	RP11-404P21.8	2.040	0.000	9.554	1.799	0.009	8.389	4.682
ENSG00000176153	GPX2	2.037	0.000	218.395	1.939	0.000	202.803	107.856
ENSG00000204335	SP5	2.035	0.011	0.399	3.108	0.000	0.653	0.179
ENSG00000109089	CDR2L	2.034	0.000	2.055	1.708	0.003	1.684	1.028
ENSG00000221843	C2orf16	2.034	0.001	0.199	1.533	0.148	0.145	0.095
ENSG00000127324	TSPAN8	2.034	0.000	1113.784	1.660	0.001	888.866	558.844
ENSG00000225492	GBP1P1	2.034	0.018	0.383	-1.185	0.760	0.130	0.176
ENSG00000146072	TNFRSF21	2.031	0.000	63.199	1.816	0.001	55.956	31.707
ENSG00000142871	CYR61	2.031	0.042	6.376	-1.359	0.569	1.582	2.634
ENSG00000100625	SIX4	2.031	0.028	0.058	2.110	0.048	0.060	0.026
ENSG00000136696	IL36B	2.030	0.048	0.066	1.160	1.000	0.140	0.011
ENSG00000157150	TIMP4	2.030	0.001	1.989	1.928	0.010	1.866	0.960
ENSG00000211716	TRBV9	2.029	0.045	1.314	1.017	0.984	0.526	0.542
ENSG00000163947	ARHGEF3	2.028	0.000	3.139	1.746	0.004	2.680	1.566
ENSG00000164078	MST1R	2.028	0.000	49.475	1.751	0.001	41.879	24.993
ENSG00000255737	AGAP2-AS1	2.025	0.000	3.984	1.644	0.001	3.185	2.025
ENSG00000117228	GBP1	2.025	0.001	10.139	1.153	0.717	5.430	4.884
ENSG00000035862	TIMP2	2.023	0.000	39.703	1.809	0.000	34.778	20.086
ENSG00000238278	ALG1L6P	2.021	0.004	1.472	1.619	0.141	1.154	0.698
ENSG00000165905	GYLTL1B	2.018	0.002	1.112	1.762	0.052	0.971	0.532
ENSG00000121594	CD80	2.016	0.004	0.621	1.188	0.691	0.341	0.300
ENSG00000002587	HS3ST1	2.016	0.000	1.534	1.831	0.000	1.366	0.778
ENSG00000163794	UCN	2.016	0.011	0.946	1.591	0.226	0.700	0.425
ENSG00000215915	ATAD3C	2.015	0.008	0.370	1.660	0.149	0.290	0.171
ENSG00000168490	PHYHIP	2.014	0.002	0.528	1.681	0.072	0.434	0.259
ENSG00000145832	SLC25A48	2.014	0.002	0.721	1.804	0.032	0.647	0.355
ENSG00000253868	FER1L6-AS2	2.012	0.029	2.243	1.758	0.176	1.977	1.023
ENSG00000226314	ZNF192P1	2.011	0.008	0.748	1.777	0.087	0.640	0.347
ENSG00000255833	TIFAB	2.009	0.000	1.663	1.267	0.415	1.021	0.833
ENSG00000167772	ANGPTL4	2.009	0.009	5.398	1.606	0.194	4.122	2.584
ENSG00000188760	TMEM198	2.007	0.000	1.576	1.935	0.001	1.501	0.794
ENSG00000214289	RPL39P5	2.005	0.000	3.684	1.774	0.007	3.205	1.840
ENSG00000185467	KPNA7	2.005	0.013	1.237	1.831	0.085	1.120	0.577
ENSG00000120889	TNFRSF10B	2.004	0.000	19.866	1.695	0.001	16.543	10.115
ENSG00000185624	P4HB	2.003	0.000	286.455	1.718	0.000	240.446	147.882
ENSG00000189350	FAM179A	2.002	0.002	0.124	1.628	0.100	0.098	0.060
ENSG00000176170	SPHK1	2.002	0.000	1.911	1.711	0.026	1.579	0.960
ENSG00000181524	RPL24P4	1.999	0.015	2.336	2.234	0.013	2.603	1.057
ENSG00000197121	PGAP1	1.990	0.003	2.087	2.006	0.010	2.130	1.008
ENSG00000230061	AP001065.2	1.971	0.046	0.596	2.285	0.032	0.737	0.263
ENSG00000133019	CHRM3	1.936	0.008	0.501	2.186	0.006	0.573	0.247
ENSG00000174348	PODN	1.935	0.002	1.844	2.075	0.003	1.962	0.940
ENSG00000234035	AP001044.2	1.934	0.073	0.558	2.460	0.024	0.756	0.204
ENSG00000147889	CDKN2A	1.919	0.006	0.359	2.225	0.002	0.411	0.177
ENSG00000257839	RP11-290L1.2	1.918	0.071	0.298	2.286	0.039	0.371	0.133
ENSG00000197614	MFAP5	1.916	0.022	0.901	2.439	0.004	1.190	0.442
ENSG00000204839	MROH6	1.906	0.001	8.009	2.091	0.001	8.813	4.194
ENSG00000158292	GPR153	1.878	0.001	15.247	2.019	0.001	16.173	8.215
ENSG00000233271	RP11-12C17.2	1.877	0.002	10.553	2.020	0.003	11.161	5.535
ENSG00000143001	TMEM61	1.872	0.001	8.420	2.014	0.001	8.908	4.475
ENSG00000255970	RP11-43N5.1	1.872	0.029	0.340	2.066	0.028	0.387	0.173
ENSG00000112981	NME5	1.840	0.043	0.341	2.088	0.032	0.394	0.169
ENSG00000120471	TP53AIP1	1.806	0.036	0.267	2.039	0.027	0.298	0.139
ENSG00000178550	AC010170.1	1.805	0.056	0.578	2.037	0.044	0.678	0.304
ENSG00000236311	TLX1NB	1.783	0.129	0.163	2.402	0.032	0.246	0.081
ENSG00000197582	GPX1P1	1.772	0.045	2.688	2.117	0.020	3.261	1.430
ENSG00000101194	SLC17A9	1.766	0.004	10.583	2.072	0.001	12.443	6.054
ENSG00000049089	COL9A2	1.764	0.006	3.098	2.178	0.000	3.903	1.744
ENSG00000203727	SAMD5	1.753	0.022	5.557	2.035	0.011	6.612	3.092

ENSG00000226754	RP5-1024G6.5	1.738	0.032	0.598	2.077	0.009	0.708	0.320
ENSG00000258793	RP11-404P21.3	1.735	0.099	0.583	2.092	0.047	0.729	0.304
ENSG00000256087	ZNF432	1.730	0.012	5.181	2.105	0.002	6.390	2.996
ENSG00000236085	ACTG1P4	1.718	0.129	0.204	2.164	0.044	0.265	0.102
ENSG00000227053	RP11-395B7.4	1.707	0.068	38.656	2.340	0.007	54.079	21.470
ENSG00000163295	ALPI	1.640	0.086	8.483	2.237	0.009	12.003	4.996
ENSG00000134321	RSAD2	1.608	0.102	9.469	2.260	0.008	13.771	5.710
ENSG00000197251	LINC00336	1.604	0.181	0.239	2.650	0.005	0.443	0.139
ENSG00000135638	EMX1	1.597	0.212	0.340	2.313	0.033	0.561	0.190
ENSG00000205277	MUC12	1.556	0.115	24.840	2.005	0.024	32.596	15.733
ENSG00000180438	TPRXL	1.531	0.334	0.059	2.831	0.013	0.141	0.032
ENSG00000156966	B3GNT7	1.501	0.215	8.448	2.444	0.006	14.781	5.272
ENSG00000164850	GPER1	1.494	0.154	1.607	2.155	0.008	2.373	1.068
ENSG00000229119	CTB-63M22.1	1.479	0.230	2.090	2.065	0.032	3.057	1.336
ENSG00000101443	WFDC2	1.439	0.337	11.783	2.529	0.012	22.838	7.281
ENSG00000211658	IGLV3-27	1.209	0.674	8.497	2.218	0.047	20.021	6.909
ENSG00000188404	SELL	1.107	0.817	3.525	-2.122	0.040	1.210	3.261
ENSG00000111913	FAM65B	1.081	0.840	1.575	-2.039	0.022	0.634	1.513
ENSG00000243008	RP11-556N21.1	1.038	0.953	0.077	2.353	0.046	0.263	0.071
ENSG00000183971	NPW	1.029	0.961	0.228	2.255	0.039	0.641	0.225
ENSG00000185105	MYADML2	1.001	0.999	0.153	2.356	0.047	0.520	0.152
ENSG00000112182	BACH2	-1.006	0.991	0.363	-2.189	0.029	0.137	0.382
ENSG0000007038	PRSS21	-1.021	0.971	0.615	2.747	0.005	2.263	0.652
ENSG00000174123	TLR10	-1.091	0.838	1.205	-2.049	0.042	0.552	1.398
ENSG00000236682	AC068282.3	-1.103	0.785	0.489	-2.029	0.023	0.234	0.579
ENSG00000248334	WHAMMP2	-1.113	0.767	0.071	-2.088	0.027	0.032	0.085
ENSG00000188822	CNR2	-1.117	0.792	0.351	-2.215	0.024	0.146	0.419
ENSG00000163534	FCRL1	-1.126	0.821	1.107	-2.427	0.039	0.340	1.384
ENSG00000222037	IGLC6	-1.170	0.706	4.659	-2.104	0.042	13.040	5.848
ENSG00000144366	GULP1	-1.206	0.474	1.842	-2.258	0.000	0.919	2.352
ENSG00000117322	CR2	-1.226	0.685	2.773	-2.632	0.024	0.787	3.962
ENSG00000104921	FCER2	-1.324	0.481	1.686	-2.382	0.021	0.728	2.496
ENSG00000203710	CR1	-1.331	0.432	0.330	-2.183	0.029	0.179	0.492
ENSG00000012124	CD22	-1.393	0.387	5.258	-2.343	0.024	1.740	5.566
ENSG00000215428	AL354898.1	-1.408	0.332	2.704	-2.140	0.035	1.572	4.355
ENSG00000211951	IGHV2-26	-1.631	0.058	20.431	-2.036	0.013	15.609	36.961
ENSG00000138792	ENPEP	-1.716	0.079	0.291	-2.050	0.040	0.227	0.568
ENSG00000170579	DLGAP1	-1.726	0.045	0.038	-2.042	0.025	0.031	0.074
ENSG00000257335	MGAM	-1.747	0.020	0.199	-2.095	0.006	0.162	0.388
ENSG00000251468	RP11-369K16.1	-1.758	0.054	0.378	-2.487	0.004	0.229	0.754
ENSG00000118432	CNR1	-1.824	0.037	0.218	-2.124	0.023	0.180	0.456
ENSG00000127129	EDN2	-1.845	0.053	2.444	-2.079	0.046	1.977	5.374
ENSG00000173320	STOX2	-1.859	0.030	0.141	-2.107	0.025	0.121	0.303
ENSG00000143452	HORMAD1	-1.888	0.016	0.112	-2.127	0.015	0.094	0.241
ENSG00000152779	SLC16A12	-1.938	0.026	0.071	-2.157	0.027	0.063	0.164
ENSG00000248821	AC009238.6	-1.962	0.024	0.926	-2.175	0.027	0.762	2.169
ENSG00000181234	TMEM132C	-1.966	0.014	0.095	-2.179	0.015	0.082	0.218
ENSG00000187957	DNER	-1.984	0.058	0.052	-2.337	0.040	0.039	0.144
ENSG00000137819	PAQR5	-2.001	0.000	8.030	-1.688	0.009	9.486	17.409
ENSG00000213754	RP11-284B18.3	-2.003	0.019	0.138	-1.088	0.878	0.282	0.329
ENSG00000169760	NLGN1	-2.005	0.026	0.019	-1.701	0.190	0.023	0.046
ENSG00000152377	SPOCK1	-2.005	0.005	0.270	-1.439	0.310	0.389	0.618
ENSG00000135917	SLC19A3	-2.006	0.005	1.425	-1.658	0.123	1.745	3.248
ENSG00000156345	CDK20	-2.009	0.001	2.830	-1.747	0.028	3.224	6.279
ENSG00000243352	RN7SL8P	-2.010	0.021	8.290	-2.087	0.041	7.712	20.435
ENSG00000198157	HMGNS	-2.011	0.000	2.337	-1.818	0.001	2.536	5.045
ENSG00000119042	SATB2	-2.016	0.000	11.724	-1.458	0.065	16.390	25.426
ENSG00000259087	RP11-356O9.2	-2.017	0.011	1.186	-1.002	0.998	2.675	2.822
ENSG00000168447	SCNN1B	-2.017	0.030	10.889	1.086	0.897	28.290	27.303
ENSG00000224223	GS1-18A18.1	-2.018	0.010	0.114	-1.912	0.051	0.119	0.271
ENSG00000176273	SLC35G1	-2.020	0.000	2.433	-1.492	0.081	3.308	5.320
ENSG00000120729	MYOT	-2.020	0.000	0.513	-1.989	0.001	0.510	1.127
ENSG00000241224	RP11-59E19.1	-2.020	0.000	4.187	-1.946	0.002	4.307	9.289
ENSG00000183134	PTGDR2	-2.024	0.000	2.776	-1.470	0.110	3.799	6.170
ENSG00000170419	VSTM2A	-2.026	0.001	0.901	-1.506	0.186	1.233	2.041
ENSG00000258021	RP11-1100L3.4	-2.028	0.020	0.228	-1.178	0.744	0.446	0.561
ENSG00000253445	CTB-79E8.2	-2.028	0.002	18.492	-1.430	0.287	26.140	42.184
ENSG00000178031	ADAMTSL1	-2.028	0.000	0.533	-1.529	0.043	0.723	1.170
ENSG00000198346	ZNF813	-2.030	0.000	0.626	-1.347	0.155	0.948	1.363
ENSG00000105784	RUND3B	-2.030	0.001	0.796	-1.533	0.136	1.082	1.791
ENSG00000123700	KCNJ2	-2.031	0.000	1.683	-1.554	0.056	2.237	3.709
ENSG00000132915	PDE6A	-2.032	0.030	0.944	-1.675	0.238	1.153	2.393
ENSG00000203414	BTBD7P1	-2.033	0.039	0.088	-1.245	0.686	0.169	0.235
ENSG00000182667	NTM	-2.035	0.001	0.150	-1.561	0.108	0.199	0.340
ENSG00000180787	ZFP3	-2.036	0.000	2.659	-1.627	0.006	3.343	5.798

ENSG00000236021	RP11-195C7.1	-2.037	0.035	0.178	-1.148	0.808	0.368	0.472
ENSG00000225421	ACO19330.1	-2.038	0.032	0.373	-2.230	0.039	0.312	0.958
ENSG00000053108	FSTL4	-2.038	0.018	0.033	-1.154	0.783	0.067	0.086
ENSG00000164488	DACT2	-2.039	0.011	0.319	-1.278	0.590	0.554	0.768
ENSG00000145681	HAPLN1	-2.040	0.000	1.591	-1.561	0.106	2.109	3.599
ENSG00000107593	PKD2L1	-2.042	0.004	0.129	-1.435	0.311	0.190	0.299
ENSG00000197584	KCNMB2	-2.043	0.004	0.080	-1.679	0.095	0.098	0.181
ENSG00000173253	DMRT2	-2.044	0.011	0.544	-1.884	0.068	0.568	1.299
ENSG00000137872	SEMA6D	-2.045	0.000	4.108	-1.750	0.019	4.838	9.226
ENSG00000167107	ACSF2	-2.047	0.001	9.025	-1.252	0.526	14.884	20.535
ENSG00000158516	CPA2	-2.048	0.049	0.093	-1.527	0.402	0.138	0.268
ENSG00000180104	EXOC3	-2.050	0.002	38.563	-1.768	0.054	44.042	89.814
ENSG00000249087	C1orf213	-2.052	0.000	1.182	-1.564	0.080	1.552	2.674
ENSG00000189369	GSPT2	-2.052	0.000	2.750	-1.764	0.002	3.204	6.118
ENSG00000145147	SLIT2	-2.052	0.000	0.537	-2.041	0.002	0.543	1.222
ENSG00000108187	PBLD	-2.055	0.000	12.325	-1.974	0.004	12.718	27.790
ENSG00000223573	TINCR	-2.055	0.011	1.033	-1.583	0.244	1.351	2.524
ENSG00000211630	IGKV1D-13	-2.059	0.067	3.821	-2.753	0.017	2.098	12.163
ENSG00000162620	LRRIQ3	-2.060	0.015	0.028	-1.213	0.692	0.055	0.073
ENSG00000183049	CAMK1D	-2.061	0.000	3.553	-1.415	0.157	5.277	7.934
ENSG00000182271	TMIGD1	-2.062	0.011	32.992	-1.714	0.154	39.387	80.524
ENSG00000165323	FAT3	-2.062	0.015	0.012	-1.845	0.099	0.013	0.029
ENSG00000147588	PMP2	-2.063	0.017	0.101	-1.371	0.489	0.165	0.254
ENSG00000250376	CTD-2005D20.1	-2.065	0.020	0.314	-1.901	0.097	0.348	0.828
ENSG00000140557	ST8SIA2	-2.069	0.047	0.032	-1.553	0.383	0.047	0.093
ENSG00000006071	ABCC8	-2.070	0.000	0.125	-1.508	0.130	0.175	0.289
ENSG00000122254	HS3ST2	-2.071	0.027	0.129	-1.747	0.195	0.152	0.334
ENSG00000080493	SLC4A4	-2.071	0.000	19.914	-1.570	0.080	26.706	45.264
ENSG00000234362	AC104654.2	-2.072	0.047	0.084	-1.153	0.820	0.192	0.249
ENSG00000162461	SLC25A34	-2.074	0.001	3.450	-1.390	0.309	5.168	8.037
ENSG00000156113	KCNMA1	-2.077	0.000	1.356	-1.565	0.028	1.809	3.044
ENSG00000178163	ZNF518B	-2.077	0.000	0.840	-1.953	0.001	0.882	1.895
ENSG00000166183	ASPG	-2.079	0.029	1.274	-1.160	0.805	2.482	3.404
ENSG00000133116	KL	-2.079	0.000	0.204	-1.486	0.123	0.292	0.470
ENSG00000132321	IQCA1	-2.081	0.015	0.027	-1.405	0.429	0.044	0.071
ENSG00000180279	CTD-2568A17.5	-2.082	0.035	0.108	-1.658	0.272	0.145	0.293
ENSG00000237513	RP11-325F22.2	-2.083	0.001	0.805	-1.595	0.092	1.074	1.880
ENSG00000130054	FAM155B	-2.083	0.010	0.098	-1.509	0.301	0.143	0.244
ENSG00000078725	BRINP1	-2.087	0.048	0.018	1.120	0.863	0.067	0.060
ENSG00000236581	STAR13-AS	-2.087	0.049	0.104	-2.120	1.000	0.093	0.338
ENSG00000250669	RP11-83M16.3	-2.087	0.016	0.351	-1.714	0.173	0.445	0.910
ENSG00000178171	AMER3	-2.088	0.037	0.016	1.084	0.902	0.050	0.047
ENSG00000214359	RPL18P10	-2.089	0.049	0.130	-1.573	1.000	0.210	0.419
ENSG00000233377	MTND4P20	-2.094	0.015	3.575	-1.987	0.066	3.772	9.231
ENSG00000094963	FMO2	-2.095	0.018	0.042	-1.757	0.163	0.052	0.111
ENSG00000049130	KITLG	-2.097	0.000	5.449	-1.782	0.007	6.454	12.454
ENSG00000095777	MYO3A	-2.097	0.023	0.043	-1.454	0.427	0.068	0.115
ENSG00000159212	CLIC6	-2.098	0.004	2.470	-1.945	0.035	2.629	6.046
ENSG00000104267	CA2	-2.100	0.000	423.244	-1.724	0.034	514.213	989.326
ENSG00000258857	RP11-247L20.3	-2.102	0.017	0.271	-1.330	0.540	0.502	0.725
ENSG00000169704	GP9	-2.103	0.041	0.098	-1.300	0.638	0.206	0.302
ENSG00000232774	RP11-47I22.3	-2.104	0.022	0.049	-1.202	0.727	0.098	0.132
ENSG00000179542	SLITRK4	-2.105	0.007	0.030	-1.953	0.048	0.033	0.078
ENSG00000230929	RP11-395C3.1	-2.105	0.010	0.751	-1.155	0.773	1.613	1.970
ENSG00000103375	AQP8	-2.105	0.035	281.763	-1.127	0.856	608.795	807.962
ENSG00000177910	SPATA31C2	-2.106	0.043	0.021	-1.537	1.000	0.034	0.064
ENSG00000144136	SLC20A1	-2.107	0.000	39.719	-2.267	0.000	36.090	93.378
ENSG00000187140	FOXD3	-2.107	0.011	0.094	-1.783	0.118	0.113	0.244
ENSG00000197375	SLC22A5	-2.108	0.000	4.454	-1.619	0.015	5.801	10.160
ENSG00000142920	ADC	-2.108	0.000	1.150	-1.535	0.121	1.566	2.687
ENSG00000232358	RP5-955M13.4	-2.109	0.018	0.529	-1.284	0.621	0.972	1.422
ENSG00000188761	BCL2L15	-2.111	0.000	19.155	-1.812	0.000	22.186	43.335
ENSG00000251209	LINC00923	-2.111	0.031	0.026	-1.345	0.573	0.049	0.076
ENSG00000170099	SERPINA6	-2.116	0.005	0.845	-1.166	0.751	1.611	2.098
ENSG00000179520	SLC17A8	-2.118	0.011	0.208	-1.811	0.115	0.250	0.538
ENSG00000204099	NEU4	-2.118	0.007	3.877	-1.253	0.630	6.929	9.664
ENSG00000255402	RP11-696P8.2	-2.119	0.026	0.322	-1.877	0.137	0.380	0.893
ENSG00000152763	WDR78	-2.120	0.000	1.671	-1.716	0.033	2.072	3.902
ENSG00000123612	ACVR1C	-2.121	0.002	0.833	-1.849	0.048	0.973	2.022
ENSG00000253132	IGHV3-62	-2.123	0.019	0.788	-1.295	0.609	1.403	2.107
ENSG00000146530	VWDE	-2.123	0.012	0.086	-1.626	0.235	0.115	0.223
ENSG00000164100	NDST3	-2.125	0.002	0.053	-1.974	0.018	0.056	0.130
ENSG00000007306	CEACAM7	-2.126	0.001	499.297	-1.844	0.036	575.505	1210.782
ENSG00000148798	INA	-2.126	0.042	0.028	-1.818	1.000	0.036	0.088
ENSG00000123570	RAB9B	-2.126	0.000	0.285	-1.498	0.054	0.412	0.665

ENSG00000180332	KCTD4	-2.126	0.020	0.314	-2.128	0.052	0.293	0.861
ENSG00000188897	CTD-3088G3.8	-2.128	0.017	0.083	-1.604	0.276	0.119	0.220
ENSG00000146281	PM20D2	-2.128	0.000	3.232	-1.548	0.099	4.529	7.560
ENSG00000258599	RP11-84C10.1	-2.128	0.015	0.117	-1.758	0.160	0.145	0.312
ENSG00000155846	PPARGC1B	-2.129	0.000	2.757	-1.750	0.012	3.397	6.436
ENSG00000112902	SEMA5A	-2.130	0.000	3.013	-1.531	0.069	4.292	7.012
ENSG00000186462	NAP1L2	-2.130	0.001	0.542	-1.394	0.329	0.850	1.299
ENSG00000173077	41974	-2.130	0.029	0.024	-1.688	0.252	0.033	0.070
ENSG00000185432	METTL7A	-2.130	0.000	23.481	-1.858	0.001	26.642	53.888
ENSG00000173930	SLCO4C1	-2.133	0.018	0.305	-2.294	0.026	0.268	0.820
ENSG00000144057	ST6GAL2	-2.136	0.030	0.036	-1.211	0.746	0.389	0.104
ENSG00000189320	FAM180A	-2.137	0.023	0.064	-1.385	0.509	0.112	0.179
ENSG00000060047	YBX2	-2.138	0.001	12.370	-1.374	0.364	19.455	29.968
ENSG00000141434	MEP1B	-2.138	0.009	7.988	-1.851	0.099	9.513	20.794
ENSG00000230873	STMND1	-2.139	0.006	0.134	-1.309	0.530	0.235	0.336
ENSG00000256879	RP11-284H19.1	-2.139	0.020	0.992	-1.580	0.315	1.454	2.711
ENSG00000069018	TRPC7	-2.140	0.008	0.135	-2.106	0.030	0.134	0.348
ENSG00000147724	FAM135B	-2.140	0.000	0.203	-1.229	0.559	0.364	0.483
ENSG00000079689	SCGN	-2.141	0.003	1.474	-1.147	0.773	2.843	3.689
ENSG00000037965	HOXC8	-2.142	0.045	0.056	-1.560	0.398	0.087	0.177
ENSG00000183850	ZNF730	-2.142	0.025	0.042	-1.293	0.626	0.085	0.124
ENSG00000070193	FGF10	-2.144	0.007	0.096	-2.093	0.030	0.097	0.247
ENSG00000198650	TAT	-2.151	0.000	0.547	-2.591	0.000	0.431	1.327
ENSG00000198521	ZNF43	-2.157	0.000	1.059	-1.451	0.187	1.630	2.535
ENSG00000235142	RP1-60O19.1	-2.157	0.001	0.228	-1.549	0.183	0.319	0.562
ENSG00000225811	RP11-54717.1	-2.160	0.004	0.464	-2.063	0.025	0.495	1.198
ENSG00000222375	RN7SKP127	-2.160	0.045	2.530	-1.214	0.766	5.723	8.668
ENSG00000259459	RP11-321G12.1	-2.161	0.000	1.871	-1.916	0.014	2.110	4.548
ENSG00000179750	APOBEC3B	-2.163	0.005	4.950	-1.354	0.484	8.253	12.655
ENSG00000258735	LINC00637	-2.165	0.023	0.088	-1.935	0.118	0.100	0.251
ENSG00000172425	TTC36	-2.166	0.017	0.126	-1.568	0.308	0.195	0.364
ENSG00000249853	HS3ST5	-2.169	0.047	0.015	-1.393	1.000	0.032	0.053
ENSG00000171819	ANGPTL7	-2.169	0.016	0.176	-1.936	0.101	0.189	0.487
ENSG00000184719	RNLS	-2.171	0.000	1.368	-1.558	0.056	1.904	3.238
ENSG00000179314	WSCD1	-2.171	0.002	4.011	-1.654	0.140	5.323	10.121
ENSG00000176771	NCKAP5	-2.172	0.000	0.353	-1.623	0.012	0.484	0.830
ENSG00000176971	FIBIN	-2.172	0.000	0.311	-1.443	0.205	0.484	0.753
ENSG00000205189	ZBTB10	-2.173	0.000	1.352	-1.495	0.112	2.002	3.207
ENSG00000176399	DMRTA1	-2.175	0.008	0.544	-1.659	0.205	0.751	1.463
ENSG00000140527	WDR93	-2.176	0.005	0.123	-1.691	0.154	0.166	0.325
ENSG00000224413	AP001476.2	-2.176	0.018	0.059	-1.392	0.495	0.108	0.180
ENSG00000103184	SEC14L5	-2.176	0.005	0.143	-1.801	0.099	0.174	0.372
ENSG00000163873	GRIK3	-2.177	0.000	0.175	-1.876	0.017	0.204	0.432
ENSG00000134240	HMGCS2	-2.177	0.003	190.272	-1.346	0.465	312.606	482.977
ENSG00000178201	VN1R1	-2.178	0.001	0.223	-1.897	0.024	0.257	0.562
ENSG00000147852	VLDLR	-2.182	0.001	1.806	-1.615	0.124	2.498	4.527
ENSG00000258197	NKX2-2-AS1	-2.186	0.020	0.130	-1.037	0.960	0.391	0.418
ENSG00000237341	SYP-AS1	-2.186	0.017	0.233	-1.520	0.357	0.379	0.683
ENSG00000223353	RP11-290P14.2	-2.189	0.010	0.186	-1.274	0.607	0.373	0.519
ENSG00000166763	STRCP1	-2.189	0.001	0.056	-1.026	0.962	0.130	0.139
ENSG00000115841	RMDN2	-2.190	0.000	2.180	-1.942	0.005	2.444	5.268
ENSG00000256040	PAPPA-AS1	-2.190	0.001	0.359	-1.504	0.203	0.546	0.903
ENSG00000236404	RP11-125B21.2	-2.191	0.009	0.171	-1.862	0.105	0.200	0.470
ENSG00000118777	ABCG2	-2.191	0.001	14.165	-1.521	0.224	21.074	35.944
ENSG00000144810	COL8A1	-2.193	0.000	0.138	-1.702	0.053	0.179	0.341
ENSG00000153982	GDPD1	-2.197	0.000	0.826	-1.782	0.001	1.014	1.957
ENSG00000164128	NPY1R	-2.198	0.009	1.789	-1.874	0.100	2.135	4.851
ENSG00000218274	RP3-407E4.3	-2.201	0.034	0.065	-1.358	0.590	0.142	0.229
ENSG00000117519	CNN3	-2.205	0.000	21.436	-1.666	0.000	28.414	50.286
ENSG00000259426	RP11-253M7.1	-2.206	0.000	2.644	-1.753	0.007	3.376	6.403
ENSG00000135097	MSI1	-2.207	0.001	0.366	-1.833	0.039	0.439	0.925
ENSG00000134489	HRH4	-2.210	0.003	0.090	-1.805	0.077	0.113	0.246
ENSG00000164619	BMPER	-2.217	0.000	0.210	-1.335	0.376	0.362	0.524
ENSG00000138622	HCN4	-2.221	0.027	0.010	-1.592	1.000	0.017	0.033
ENSG00000230798	RP4-792G4.2	-2.223	0.015	0.078	-2.007	0.083	0.086	0.243
ENSG00000256643	RP11-349K16.1	-2.225	0.001	6.496	-1.492	0.266	9.901	16.660
ENSG00000135549	PKIB	-2.225	0.000	32.355	-1.845	0.031	38.455	81.617
ENSG00000130377	ACSBG2	-2.226	0.011	0.047	-2.150	0.042	0.048	0.134
ENSG00000137727	ARHGAP20	-2.229	0.000	0.478	-2.203	0.003	0.482	1.221
ENSG00000203859	HSD3B2	-2.229	0.040	3.501	-2.574	0.030	2.256	13.157
ENSG00000165478	HEPACAM	-2.235	0.019	0.032	-2.197	0.053	0.030	0.097
ENSG00000228630	HOTAIR	-2.236	0.025	0.043	-2.165	0.072	0.044	0.134
ENSG00000240654	C1QTNF9	-2.238	0.007	0.195	-1.105	0.862	0.446	0.551
ENSG00000006740	ARHGAP44	-2.240	0.000	7.697	-1.509	0.095	11.661	18.882
ENSG00000214357	NEURL1B	-2.241	0.000	10.989	-1.663	0.053	14.859	27.490

ENSG00000229106	RP11-4M23.2	-2.248	0.043	0.032	-1.628	1.000	0.062	0.135
ENSG00000101746	NOL4	-2.249	0.005	0.061	-1.719	0.153	0.084	0.170
ENSG00000125820	NKX2-2	-2.253	0.004	0.094	-1.090	0.871	0.235	0.268
ENSG00000072133	RPS6KA6	-2.258	0.001	1.472	-1.812	0.047	1.880	3.824
ENSG00000230910	RP3-525N10.2	-2.258	0.032	0.086	-2.212	1.000	0.082	0.335
ENSG00000235501	RP4-639F20.1	-2.261	0.000	1.943	-1.371	0.282	3.275	4.904
ENSG00000039987	BEST2	-2.262	0.022	6.150	-1.057	0.944	16.987	20.038
ENSG00000170927	PKHD1	-2.263	0.012	0.048	-2.825	0.004	0.033	0.142
ENSG00000137561	TTPA	-2.264	0.000	1.453	-1.492	0.170	2.304	3.681
ENSG00000152785	BMP3	-2.264	0.020	2.579	-1.648	0.308	3.928	8.157
ENSG00000184349	EFNA5	-2.266	0.000	0.801	-1.559	0.053	1.173	1.993
ENSG00000214401	KANSL1-AS1	-2.268	0.004	2.878	-1.299	0.570	5.393	7.974
ENSG00000095209	TMEM38B	-2.268	0.000	2.972	-1.729	0.008	3.926	7.306
ENSG00000235335	ACO16723.4	-2.268	0.003	0.317	-1.654	0.164	0.470	0.870
ENSG00000183690	EFHC2	-2.269	0.000	0.482	-1.928	0.005	0.569	1.221
ENSG00000257023	RP11-268P4.4	-2.269	0.029	0.202	-2.421	0.041	0.160	0.755
ENSG00000256193	LINC00507	-2.270	0.009	0.109	-1.562	0.311	0.180	0.327
ENSG00000066230	SLC9A3	-2.271	0.001	105.779	-2.256	0.006	107.250	285.593
ENSG00000234828	RP11-526A4.1	-2.284	0.002	0.162	-1.799	0.078	0.211	0.434
ENSG00000151338	MIPOL1	-2.287	0.000	0.507	-1.876	0.008	0.623	1.281
ENSG00000181741	FDX1P1	-2.290	0.039	0.010	-1.413	1.000	0.078	0.156
ENSG00000256612	CYP2B7P	-2.292	0.003	2.647	-1.957	0.058	3.147	7.429
ENSG00000109182	CWH43	-2.297	0.012	5.416	-1.440	0.467	9.528	16.527
ENSG00000185038	MROH2A	-2.302	0.011	0.039	-1.909	0.118	0.053	0.122
ENSG00000134955	SLC37A2	-2.303	0.038	22.010	-1.985	0.168	26.957	108.645
ENSG00000168243	GNG4	-2.306	0.010	0.281	-1.734	0.212	0.379	0.849
ENSG00000185985	SLITRK2	-2.308	0.005	0.027	-1.726	0.168	0.039	0.080
ENSG00000100146	SOX10	-2.309	0.000	0.360	-1.526	0.181	0.562	0.958
ENSG00000167768	KRT1	-2.311	0.029	0.193	-1.314	0.654	0.449	0.776
ENSG00000215325	ASS1P10	-2.312	0.022	0.053	-1.154	0.822	0.158	0.202
ENSG00000225782	RP11-322F10.2	-2.313	0.000	0.662	-1.905	0.029	0.840	1.814
ENSG00000256674	RP11-172C16.4	-2.315	0.004	0.126	-1.650	0.203	0.197	0.377
ENSG00000161905	ALOX15	-2.319	0.004	1.058	-1.855	0.104	1.395	3.065
ENSG00000233878	ACO73133.1	-2.320	0.000	0.257	-1.870	0.024	0.319	0.675
ENSG00000113249	HAVCR1	-2.322	0.021	0.700	-1.938	0.155	0.916	2.399
ENSG00000254319	RP11-134O21.1	-2.326	0.014	0.111	-1.346	0.579	0.237	0.370
ENSG00000144278	GALNT13	-2.326	0.020	0.012	-1.164	0.808	0.036	0.044
ENSG00000203401	AC009061.1	-2.327	0.000	18.724	-1.723	0.031	25.608	48.614
ENSG00000254533	AF186192.1	-2.329	0.017	0.121	-2.092	1.000	0.132	0.420
ENSG00000213630	RP11-772E11.1	-2.331	0.002	0.835	-1.487	0.308	1.463	2.432
ENSG00000166869	CHP2	-2.334	0.001	64.821	-1.577	0.214	97.501	179.470
ENSG00000203867	RBM20	-2.346	0.000	0.083	-1.565	0.132	0.132	0.224
ENSG00000095627	TDRD1	-2.349	0.030	0.163	-1.288	0.688	0.044	0.066
ENSG00000102837	OLFM4	-2.352	0.004	149.175	-2.063	0.049	169.866	444.269
ENSG00000132854	KANK4	-2.353	0.004	0.142	-1.654	0.219	0.218	0.425
ENSG00000203858	HSD3BP2	-2.355	0.023	0.208	-2.645	0.022	0.156	0.816
ENSG00000250252	RP11-342A1.1	-2.360	0.023	0.088	-2.028	1.000	0.110	0.353
ENSG00000171208	NETO2	-2.360	0.000	4.680	-2.125	0.010	5.231	12.861
ENSG00000254645	RP11-396O20.2	-2.361	0.008	4.800	-1.963	0.099	5.811	14.921
ENSG00000251015	SLC25A30-AS1	-2.362	0.005	0.187	-1.256	0.635	0.417	0.576
ENSG00000140093	SERPINA10	-2.362	0.003	0.081	-1.611	0.223	0.131	0.238
ENSG00000135083	CCNJL	-2.366	0.000	3.227	-1.496	0.152	5.174	8.514
ENSG00000142609	C1orf222	-2.367	0.028	0.008	-1.874	1.000	0.012	0.035
ENSG00000197134	ZNF257	-2.368	0.007	0.187	-2.532	0.012	0.162	0.585
ENSG00000164270	HTR4	-2.370	0.009	0.441	-2.186	0.050	0.480	1.404
ENSG00000155850	SLC26A2	-2.371	0.006	88.685	-1.877	0.122	116.279	271.554
ENSG00000188242	CTD-2228K2.5	-2.372	0.002	139.121	-2.033	0.042	160.290	406.716
ENSG00000224459	RP11-169K16.4	-2.373	0.000	1.489	-1.759	0.044	2.052	4.062
ENSG00000150054	MPP7	-2.374	0.000	4.291	-2.055	0.000	4.996	11.108
ENSG00000156968	MPV17L	-2.377	0.000	1.153	-1.508	0.050	1.827	2.998
ENSG00000144355	DLX1	-2.378	0.021	0.013	-1.297	1.000	0.041	0.061
ENSG00000111863	ADTRP	-2.379	0.000	17.562	-1.599	0.139	26.472	47.718
ENSG00000177398	UMODL1	-2.384	0.001	0.037	-1.374	0.408	0.072	0.110
ENSG00000234460	:Xyac-YM21GA2.	-2.385	0.004	0.517	-2.175	0.034	0.578	1.612
ENSG00000164093	PITX2	-2.388	0.016	4.830	-2.089	0.099	5.554	17.506
ENSG00000155966	AFF2	-2.394	0.016	0.050	-2.406	0.039	0.022	0.079
ENSG00000108018	SORCS1	-2.395	0.008	0.110	-2.208	0.046	0.123	0.355
ENSG00000144619	CNTN4	-2.396	0.000	0.766	-2.003	0.000	0.925	2.001
ENSG00000113805	CNTN3	-2.396	0.000	1.202	-1.928	0.024	1.532	3.318
ENSG00000019991	HGF	-2.396	0.000	0.272	-1.767	0.020	0.375	0.729
ENSG00000229941	ACO12499.1	-2.397	0.007	0.267	-2.852	0.004	0.194	0.863
ENSG00000101098	RIMS4	-2.397	0.008	0.082	-1.150	0.818	0.215	0.273
ENSG00000139352	ASCL1	-2.400	0.005	0.067	-1.348	0.534	0.142	0.209
ENSG00000148942	SLC5A12	-2.403	0.004	0.036	-1.536	0.319	0.062	0.112
ENSG00000211633	IGKV1D-42	-2.403	0.014	0.416	-1.750	0.240	0.688	1.530

ENSG00000102003	SYP	-2.404	0.000	0.781	-1.521	0.069	1.227	2.068
ENSG00000164129	NPY5R	-2.406	0.013	0.130	-2.017	0.114	0.164	0.463
ENSG00000112232	KHDRBS2	-2.406	0.001	0.189	-3.146	0.000	0.129	0.557
ENSG00000104059	FAM189A1	-2.410	0.000	1.144	-1.488	0.123	1.891	3.058
ENSG00000225329	RP11-325F22.5	-2.410	0.002	8.539	-2.405	0.008	8.299	25.729
ENSG00000189037	DUSP21	-2.413	0.024	0.180	-2.319	0.067	0.172	0.863
ENSG00000231181	RP13-15M17.1	-2.414	0.000	0.605	-2.207	0.008	0.678	1.729
ENSG00000122756	CNTFR	-2.419	0.004	3.891	-2.051	0.058	4.506	12.131
ENSG00000089199	CHGB	-2.420	0.005	1.909	-1.768	0.178	2.608	6.106
ENSG00000163959	SLC51A	-2.424	0.002	8.791	-2.180	0.022	9.475	26.332
ENSG00000164199	GPR98	-2.425	0.000	0.071	-2.113	0.000	0.082	0.192
ENSG00000225953	SATB2-AS1	-2.426	0.000	5.832	-1.608	0.162	9.086	16.503
ENSG00000172986	GXYLT2	-2.429	0.000	1.280	-2.017	0.001	1.554	3.464
ENSG00000214381	LINC00488	-2.431	0.014	0.072	-2.330	0.048	0.073	0.270
ENSG00000259457	RP11-279F6.2	-2.432	0.002	0.264	-1.767	0.132	0.382	0.812
ENSG00000170482	SLC23A1	-2.436	0.000	1.141	-1.606	0.146	1.772	3.221
ENSG00000229676	ZNF492	-2.438	0.006	0.034	-1.247	0.681	0.086	0.114
ENSG00000224984	RP11-524H19.2	-2.449	0.000	1.179	-1.941	0.005	1.517	3.257
ENSG00000203685	C1orf95	-2.452	0.000	0.247	-2.306	0.003	0.265	0.715
ENSG00000175161	CADM2	-2.455	0.006	0.042	-1.494	0.396	0.082	0.142
ENSG00000111339	ART4	-2.457	0.022	0.004	-1.337	1.000	0.016	0.028
ENSG00000146013	GFRA3	-2.458	0.000	0.385	-1.588	0.132	0.614	1.111
ENSG00000141431	ASXL3	-2.460	0.000	0.310	-1.888	0.045	0.415	0.908
ENSG00000256948	RP11-598F7.3	-2.464	0.021	0.045	-1.332	1.000	0.175	0.275
ENSG00000240875	LINC00886	-2.465	0.000	0.265	-1.641	0.129	0.406	0.767
ENSG00000131126	TEX101	-2.469	0.004	0.397	-1.787	0.170	0.571	1.302
ENSG0000012504	NR1H4	-2.473	0.000	3.693	-2.509	0.002	3.507	11.018
ENSG00000237227	RP5-1155K23.4	-2.473	0.015	0.225	-1.933	0.165	0.329	0.953
ENSG00000073711	PPP2R3A	-2.473	0.000	1.679	-1.815	0.006	2.327	4.597
ENSG00000138669	PRKG2	-2.480	0.003	0.717	-1.292	0.613	1.617	2.281
ENSG00000181778	TMEM252	-2.480	0.006	0.333	-2.144	0.057	0.404	1.144
ENSG00000149516	MS4A3	-2.482	0.020	0.010	-2.227	1.000	0.012	0.093
ENSG00000245750	RP11-279F6.1	-2.483	0.000	0.576	-1.850	0.024	0.780	1.642
ENSG00000109819	PPARGC1A	-2.483	0.000	1.728	-1.822	0.011	2.371	4.768
ENSG00000246228	CASC8	-2.485	0.018	0.205	-1.577	0.405	0.435	0.958
ENSG00000036672	USP2	-2.490	0.000	3.952	-1.903	0.048	5.117	11.893
ENSG00000147257	GPC3	-2.493	0.014	1.923	-1.887	0.193	2.877	8.312
ENSG00000184368	MAP7D2	-2.499	0.000	0.213	-2.214	0.002	0.241	0.625
ENSG00000146950	SHROOM2	-2.501	0.000	0.498	-1.892	0.054	0.666	1.509
ENSG00000105825	TFPI2	-2.507	0.014	0.441	-1.531	0.438	0.945	1.988
ENSG00000145864	GABRB2	-2.516	0.001	0.089	-1.331	0.522	0.192	0.279
ENSG00000154654	NCAM2	-2.520	0.000	0.038	-1.808	0.039	0.055	0.115
ENSG00000125851	PCSK2	-2.530	0.001	0.130	-1.814	0.109	0.189	0.417
ENSG00000238243	OR2W3	-2.537	0.000	0.263	-1.382	0.423	0.531	0.840
ENSG00000113073	SLC4A9	-2.539	0.001	0.068	-1.298	0.536	0.150	0.218
ENSG00000246090	RP11-696N14.1	-2.540	0.000	0.534	-2.048	0.001	0.674	1.500
ENSG00000169918	OTUD7A	-2.546	0.000	0.176	-1.929	0.005	0.238	0.517
ENSG00000108381	ASPA	-2.558	0.000	0.652	-1.953	0.013	0.869	1.910
ENSG00000228307	OR2S1P	-2.563	0.000	0.480	-1.788	0.059	0.710	1.476
ENSG00000235026	DPP10-AS1	-2.565	0.001	1.472	-1.665	0.219	2.350	4.894
ENSG00000187416	LHFPL3	-2.572	0.001	0.957	-2.617	0.004	0.906	3.149
ENSG00000158813	EDA	-2.576	0.000	0.360	-1.688	0.084	0.576	1.076
ENSG00000185634	SHC4	-2.578	0.000	0.036	-1.892	0.033	0.051	0.108
ENSG00000150893	FREM2	-2.590	0.000	0.045	-2.149	0.014	0.056	0.142
ENSG00000162761	LMX1A	-2.600	0.000	0.055	-1.587	0.209	0.100	0.181
ENSG00000124615	MOCS1	-2.609	0.000	3.045	-1.701	0.064	4.701	9.140
ENSG00000082397	EPB41L3	-2.622	0.000	5.843	-2.022	0.002	7.707	17.290
ENSG00000123560	PLP1	-2.641	0.000	0.788	-1.914	0.014	1.094	2.389
ENSG00000172572	PDE3A	-2.644	0.000	2.516	-1.561	0.154	4.473	7.674
ENSG00000224968	RP1-35C21.1	-2.645	0.000	1.327	-2.111	0.030	1.680	4.447
ENSG00000136546	SCN7A	-2.647	0.000	0.401	-1.898	0.025	0.578	1.239
ENSG00000249948	GBA3	-2.650	0.000	5.331	-2.629	0.002	5.167	17.692
ENSG00000233215	AP000472.2	-2.654	0.004	0.361	-2.375	0.031	0.413	1.383
ENSG00000181374	CCL13	-2.658	0.000	10.789	-1.348	0.508	23.330	35.919
ENSG00000152078	TMEM56	-2.666	0.000	6.353	-1.895	0.020	9.196	19.582
ENSG00000164651	SP8	-2.701	0.005	0.007	-2.851	1.000	0.004	0.086
ENSG00000248144	ADH1C	-2.714	0.001	86.267	-1.706	0.198	146.771	306.425
ENSG00000016490	CLCA1	-2.724	0.000	302.829	-1.605	0.242	564.263	1040.477
ENSG00000169385	RNASE2	-2.726	0.003	0.178	-1.637	0.307	0.382	0.795
ENSG00000139163	ETNK1	-2.754	0.000	32.474	-2.916	0.000	29.810	104.764
ENSG00000179915	NRXN1	-2.760	0.000	0.112	-1.752	0.037	0.181	0.355
ENSG00000256518	RP11-807H22.5	-2.761	0.007	1.159	-2.239	0.079	1.448	6.355
ENSG00000175600	SUGCT	-2.766	0.000	1.029	-1.712	0.185	1.768	3.713
ENSG00000236330	RPL5P9	-2.768	0.008	0.015	-1.876	1.000	0.051	0.155
ENSG00000116183	PAPPA2	-2.773	0.004	0.076	1.100	0.894	0.372	0.356

ENSG00000187758	ADH1A	-2.797	0.000	0.113	-1.469	0.268	0.241	0.393
ENSG00000134042	MRO	-2.798	0.000	0.051	-1.669	0.070	0.094	0.172
ENSG00000152092	ASTN1	-2.800	0.003	0.014	-2.372	0.035	0.018	0.062
ENSG00000170500	LONRF2	-2.804	0.002	0.027	-2.163	0.056	0.038	0.109
ENSG00000071991	CDH19	-2.814	0.000	0.195	-1.800	0.065	0.322	0.654
ENSG00000176884	GRIN1	-2.818	0.000	1.116	-2.240	0.002	1.425	3.690
ENSG00000172478	C2orf54	-2.818	0.000	1.329	-2.102	0.035	1.825	4.806
ENSG00000256870	SLC5A8	-2.819	0.004	0.010	-1.248	0.710	0.045	0.062
ENSG00000180616	SSTR2	-2.821	0.000	0.304	-1.354	0.500	0.721	1.103
ENSG00000165794	SLC39A2	-2.826	0.000	0.454	-1.621	0.207	0.857	1.636
ENSG00000179914	ITLN1	-2.828	0.000	163.469	-2.104	0.018	222.519	559.283
ENSG00000129167	TPH1	-2.835	0.000	1.328	-1.850	0.069	2.070	4.632
ENSG00000171303	KCNK3	-2.837	0.000	0.090	-1.620	0.080	0.166	0.303
ENSG00000182103	FAM181B	-2.837	0.001	0.097	-1.678	0.210	0.193	0.390
ENSG00000253818	IGLV1-41	-2.845	0.005	1.140	-1.309	0.661	7.166	17.060
ENSG00000072041	SLC6A15	-2.863	0.006	0.002	-1.156	1.000	0.018	0.023
ENSG00000250385	RP11-310P5.2	-2.865	0.002	0.762	-2.361	0.036	0.963	3.424
ENSG00000237515	SHISA9	-2.868	0.001	0.042	-2.173	0.053	0.059	0.179
ENSG00000196482	ESRRG	-2.869	0.001	0.079	-1.970	0.095	0.125	0.320
ENSG00000135220	UGT2A3	-2.875	0.000	12.447	-1.993	0.070	19.246	47.324
ENSG00000128383	APOBEC3A	-2.891	0.001	0.436	-1.733	0.221	0.823	1.834
ENSG00000139209	SLC38A4	-2.895	0.001	2.375	-2.226	0.044	3.286	9.766
ENSG00000167080	B4GALNT2	-2.898	0.001	18.781	-2.607	0.009	21.087	76.818
ENSG00000129204	USP6	-2.900	0.000	0.042	1.078	0.904	0.174	0.170
ENSG00000084710	EFR3B	-2.908	0.000	0.078	-2.335	0.003	0.102	0.279
ENSG00000111846	GCNT2	-2.925	0.000	1.491	-2.271	0.004	1.913	5.235
ENSG00000218265	RPS4XP7	-2.925	0.000	0.658	-2.024	0.017	0.994	2.358
ENSG00000183454	GRIN2A	-2.930	0.000	0.071	-1.639	0.101	0.137	0.248
ENSG00000231824	C18orf42	-2.945	0.003	0.018	-1.745	1.000	0.049	0.113
ENSG00000251331	RP11-689K5.3	-2.946	0.000	0.285	-2.371	0.016	0.374	1.142
ENSG00000116141	MARK1	-2.949	0.000	0.326	-2.013	0.006	0.498	1.122
ENSG00000237159	CNTFR-AS1	-2.962	0.002	0.114	-2.383	0.038	0.156	0.554
ENSG00000135298	BAI3	-2.963	0.000	0.049	-1.970	0.028	0.080	0.183
ENSG00000175497	DPP10	-2.963	0.000	0.283	-2.135	0.019	0.406	1.050
ENSG00000169083	AR	-2.966	0.000	0.097	-3.154	0.000	0.086	0.364
ENSG00000137975	CLCA2	-2.980	0.000	0.264	-2.342	0.005	0.346	0.973
ENSG00000251632	RP11-714L20.1	-2.989	0.002	0.033	-1.511	0.423	0.099	0.184
ENSG00000236333	TRHDE-AS1	-3.008	0.000	0.013	-2.179	0.043	0.019	0.055
ENSG00000183117	CSMD1	-3.011	0.000	0.012	-1.382	0.496	0.034	0.051
ENSG00000111052	LIN7A	-3.012	0.000	0.237	-2.817	0.000	0.245	0.846
ENSG00000050030	KIAA2022	-3.029	0.000	0.055	-1.829	0.072	0.098	0.208
ENSG00000254695	RP11-396O20.1	-3.058	0.000	0.598	-3.836	0.000	0.436	2.334
ENSG00000258918	RP11-219E7.4	-3.074	0.001	0.322	-1.929	0.146	0.635	1.764
ENSG00000107105	ELAVL2	-3.088	0.000	0.052	-1.580	0.212	0.121	0.212
ENSG00000166828	SCNN1G	-3.101	0.001	0.161	1.044	0.959	0.869	0.874
ENSG00000104332	SFRP1	-3.108	0.000	0.612	-1.721	0.178	1.274	2.576
ENSG00000162992	NEUROD1	-3.176	0.000	0.308	-1.947	0.046	0.527	1.237
ENSG00000121207	LRAT	-3.192	0.001	0.007	-1.622	0.349	0.022	0.046
ENSG00000064655	EYA2	-3.207	0.000	1.890	-1.774	0.127	3.708	7.922
ENSG00000196090	PTPRT	-3.212	0.000	0.031	-1.546	0.313	0.079	0.138
ENSG00000157703	SVOPL	-3.236	0.000	0.154	-2.013	0.086	0.275	0.751
ENSG00000106278	PTPRZ1	-3.241	0.000	0.043	-1.903	0.050	0.081	0.178
ENSG00000101850	GPR143	-3.283	0.000	0.199	-2.334	0.002	0.294	0.824
ENSG00000123496	IL13RA2	-3.289	0.000	0.237	-2.466	0.029	0.344	1.361
ENSG00000258483	AC144835.1	-3.390	0.000	0.495	-3.673	0.000	0.368	2.965
ENSG00000196660	SLC30A10	-3.445	0.000	2.365	-2.630	0.007	3.260	11.982
ENSG00000178568	ERBB4	-3.554	0.001	0.006	-2.614	0.028	0.010	0.102
ENSG00000156486	KCNS2	-3.560	0.000	0.040	-1.993	0.074	0.090	0.220
ENSG00000239783	RP5-1050K3.3	-3.561	0.000	0.233	-1.898	0.116	0.614	1.421
ENSG00000137142	IGFBPL1	-3.564	0.000	0.072	-2.345	0.034	0.146	0.473
ENSG00000162722	TRIM58	-3.595	0.000	0.356	-2.059	0.038	0.694	1.725
ENSG00000144290	SLC4A10	-3.606	0.000	0.532	-3.468	0.000	0.552	2.500
ENSG00000100505	TRIM9	-3.608	0.000	0.132	-1.820	0.182	0.330	0.770
ENSG00000165899	OTOGL	-3.619	0.000	0.016	-1.993	0.098	0.039	0.099
ENSG00000108576	SLC6A4	-3.625	0.000	0.187	-2.363	0.023	0.328	1.022
ENSG00000165192	ASB11	-3.653	0.000	0.046	-4.696	0.000	0.027	0.274
ENSG00000171126	KCNG3	-3.711	0.000	0.132	-2.806	0.000	0.182	0.624
ENSG00000164794	KCNV1	-3.850	0.000	0.176	-2.493	0.002	0.291	0.881
ENSG00000184844	CYCSP45	-3.863	0.000	0.113	-1.660	0.230	0.374	0.733
ENSG00000250328	CTC-210G5.1	-3.865	0.000	0.413	-3.112	0.000	0.536	2.191
ENSG00000249916	CTD-2280E9.1	-4.044	0.000	0.130	-2.827	0.012	0.252	1.288
ENSG00000104722	NEFM	-4.167	0.000	0.053	-2.956	0.002	0.085	0.368
ENSG00000145808	ADAMTS19	-4.429	0.000	0.033	-2.487	0.004	0.069	0.216
ENSG00000144331	ZNF385B	-4.515	0.000	0.020	-3.085	0.002	0.038	0.183