

Ensembl_Name	Gene_Symbol	HP_Fold	HP_FDR	HP_RPKM	ControlLeft_RPKM
ENSG00000230316	FEZF1-AS1	11.504	0.000	0.511	0.006
ENSG00000172927	MYEOV	8.756	0.000	10.841	0.965
ENSG00000062038	CDH3	8.551	0.000	8.354	0.174
ENSG00000167757	KLK11	8.515	0.000	7.514	0.402
ENSG00000214039	RP11-474D1.3	8.421	0.000	0.586	0.006
ENSG00000137699	TRIM29	8.420	0.000	9.074	0.329
ENSG00000167767	KRT80	7.782	0.000	1.394	0.097
ENSG00000177508	IRX3	7.292	0.000	0.583	0.033
ENSG00000206075	SERPINB5	7.161	0.000	36.637	1.442
ENSG00000167653	PSCA	7.043	0.000	7.107	0.248
ENSG00000101842	VSIG1	6.993	0.000	7.908	0.105
ENSG00000120875	DUSP4	6.956	0.000	4.206	0.310
ENSG00000179546	HTR1D	6.789	0.000	5.416	0.106
ENSG00000005001	PRSS22	6.574	0.000	21.569	0.994
ENSG00000136689	IL1RN	6.148	0.000	10.166	0.946
ENSG00000139515	PDX1	6.019	0.000	2.042	0.274
ENSG00000176842	IRX5	5.921	0.000	0.307	0.018
ENSG00000147206	NXF3	5.799	0.000	2.243	0.206
ENSG00000186474	KLK12	5.765	0.000	1.599	0.131
ENSG00000160181	TFF2	5.642	0.000	27.211	1.921
ENSG00000125207	PIWIL1	5.610	0.000	1.253	0.057
ENSG00000205177	C11orf91	5.602	0.000	1.655	0.145
ENSG00000134757	DSG3	5.592	0.000	0.927	0.031
ENSG00000134193	REG4	5.418	0.000	1049.734	43.238
ENSG00000163993	S100P	5.393	0.000	261.325	32.869
ENSG00000172602	RND1	5.381	0.000	4.425	0.637
ENSG00000255811	RP1-34M23.5	5.357	0.000	4.886	0.169
ENSG00000196188	CTSE	5.281	0.000	152.515	14.411
ENSG00000247844	CCAT1	5.269	0.000	2.637	0.319
ENSG00000186493	C5orf38	5.171	0.000	0.646	0.038
ENSG00000134827	TCN1	5.083	0.000	1.936	0.068
ENSG00000160182	TFF1	5.030	0.000	1638.629	121.506
ENSG00000188910	GJB3	4.997	0.000	21.350	3.441
ENSG00000115507	OTX1	4.888	0.000	0.109	0.008
ENSG00000146250	PRSS35	4.857	0.000	0.417	0.047
ENSG00000112559	MDFI	4.841	0.000	2.676	0.205
ENSG00000116254	CHD5	4.722	0.000	0.144	0.013
ENSG00000178597	PSAPL1	4.719	0.000	0.141	0.003
ENSG00000081138	CDH7	4.709	0.000	0.066	0.005
ENSG00000128564	VGF	4.678	0.000	0.857	0.063
ENSG00000128683	GAD1	4.666	0.000	0.084	0.008
ENSG00000175832	ETV4	4.636	0.000	5.522	0.958
ENSG00000006327	TNFRSF12A	4.582	0.000	26.876	4.941
ENSG00000189433	GJB4	4.557	0.000	2.813	0.123
ENSG00000184292	TACSTD2	4.540	0.000	2.146	0.204

ENSG00000173227	SYT12	4.474	0.000	0.801	0.051
ENSG00000140254	DUOXA1	4.405	0.000	7.455	0.296
ENSG00000171017	LRRC8E	4.374	0.000	2.077	0.434
ENSG00000115008	IL1A	4.365	0.000	0.904	0.102
ENSG00000125657	TNFSF9	4.339	0.000	1.372	0.212
ENSG00000245694	CRNDE	4.313	0.000	0.726	0.131
ENSG00000225328	AC019100.3	4.287	0.000	1.067	0.120
ENSG00000181649	PHLDA2	4.286	0.000	39.011	8.196
ENSG00000214248	AC010336.1	4.274	0.000	1.459	0.317
ENSG00000188100	FAM25A	4.260	0.000	0.684	0.000
ENSG00000172031	EPHX4	4.253	0.000	1.181	0.086
ENSG00000133985	TTC9	4.250	0.000	2.894	0.394
ENSG00000102854	MSLN	4.247	0.000	12.866	1.932
ENSG00000189280	GJB5	4.225	0.000	6.315	0.139
ENSG00000168502	SOGA2	4.207	0.000	1.682	0.251
ENSG00000137033	IL33	4.207	0.000	8.454	1.328
ENSG00000168427	KLHL30	4.192	0.000	0.908	0.020
ENSG00000236039	AC019117.2	4.178	0.000	3.905	0.679
ENSG00000137203	TFAP2A	4.166	0.000	0.586	0.094
ENSG00000128713	HOXD11	4.132	0.000	7.312	1.747
ENSG00000170178	HOXD12	4.124	0.000	2.729	0.316
ENSG00000182747	SLC35D3	4.116	0.000	0.200	0.024
ENSG00000134070	IRAK2	4.076	0.000	4.529	0.993
ENSG00000111700	SLCO1B3	4.075	0.000	0.197	0.004
ENSG00000196228	SULT1C3	4.041	0.000	1.472	0.155
ENSG00000159261	CLDN14	4.017	0.000	0.428	0.017
ENSG00000228353	RP11-184A2.2	3.992	0.000	1.395	0.161
ENSG00000158023	WDR66	3.969	0.000	0.158	0.030
ENSG00000128965	CHAC1	3.933	0.000	4.747	0.702
ENSG00000004848	ARX	3.930	0.000	1.828	0.329
ENSG00000142627	EPHA2	3.914	0.000	31.128	7.391
ENSG00000181634	TNFSF15	3.909	0.000	2.197	0.384
ENSG00000135480	KRT7	3.905	0.000	2.056	0.105
ENSG00000166268	MYRFL	3.880	0.000	1.828	0.254
ENSG00000136574	GATA4	3.850	0.000	0.213	0.010
ENSG00000173156	RHOD	3.838	0.000	23.070	4.875
ENSG00000167772	ANGPTL4	3.837	0.000	5.815	1.276
ENSG00000065833	ME1	3.829	0.000	24.389	5.495
ENSG00000226598	AC017060.1	3.804	0.000	2.874	0.478
ENSG00000154928	EPHB1	3.801	0.000	0.083	0.009
ENSG00000253368	TRNP1	3.730	0.000	3.650	0.455
ENSG00000169908	TM4SF1	3.729	0.000	50.029	11.763
ENSG00000130643	CALY	3.726	0.000	0.443	0.058
ENSG00000241322	CDRT1	3.709	0.000	0.190	0.020
ENSG00000167332	OR51E2	3.690	0.000	4.601	0.402
ENSG00000198835	GJC2	3.689	0.000	0.747	0.142
ENSG00000133454	MYO18B	3.684	0.000	0.071	0.009

ENSG00000257671	RP3-416H24.1	3.632	0.000	1.225	0.078
ENSG00000159263	SIM2	3.629	0.000	0.611	0.081
ENSG00000254693	RP11-58K22.5	3.628	0.000	13.438	3.156
ENSG00000165376	CLDN2	3.615	0.000	1.128	0.125
ENSG00000088992	TESC	3.603	0.000	2.307	0.484
ENSG00000085117	CD82	3.587	0.000	19.704	4.904
ENSG00000249700	SRD5A3-AS1	3.574	0.000	4.375	1.170
ENSG00000096395	MLN	3.572	0.000	2.936	0.000
ENSG00000153292	GPR110	3.547	0.000	0.773	0.166
ENSG00000205502	C2CD4B	3.538	0.000	1.130	0.197
ENSG00000181652	ATG9B	3.532	0.000	0.668	0.153
ENSG00000250971	RP11-696F12.1	3.521	0.000	2.266	1.540
ENSG00000257453	RP11-290L1.3	3.517	0.000	17.661	3.497
ENSG00000147689	FAM83A	3.484	0.000	0.132	0.024
ENSG00000185022	MAFF	3.482	0.000	14.694	3.790
ENSG00000088826	SMOX	3.478	0.000	3.990	0.995
ENSG00000248323	LUCAT1	3.467	0.000	0.190	0.020
ENSG00000222636	RN7SKP54	3.406	0.000	116.762	28.418
ENSG00000186451	SPATA12	3.394	0.000	0.171	0.025
ENSG00000148346	LCN2	3.393	0.000	72.180	14.526
ENSG00000185567	AHNAK2	3.386	0.000	1.265	0.264
ENSG00000258791	LINC00520	3.381	0.000	3.277	0.388
ENSG00000130720	FIBCD1	3.370	0.000	7.052	1.445
ENSG00000181773	GPR3	3.368	0.000	0.206	0.024
ENSG00000185761	ADAMTSL5	3.323	0.000	2.725	0.749
ENSG00000102934	PLLIP	3.306	0.000	39.331	8.905
ENSG00000116741	RGS2	3.306	0.000	32.353	8.971
ENSG00000135046	ANXA1	3.299	0.000	29.674	7.505
ENSG00000169247	SH3TC2	3.284	0.000	0.419	0.105
ENSG00000128039	SRD5A3	3.283	0.000	9.583	2.839
ENSG00000102265	TIMP1	3.273	0.000	73.086	20.421
ENSG00000136872	ALDOB	3.271	0.000	31.230	2.565
ENSG00000101144	BMP7	3.258	0.000	2.014	0.524
ENSG00000162009	SSTR5	3.249	0.000	0.687	0.090
ENSG00000167612	ANKRD33	3.249	0.000	0.121	0.000
ENSG00000170786	SDR16C5	3.248	0.000	16.382	3.862
ENSG00000198535	C2CD4A	3.231	0.000	0.855	0.179
ENSG00000013588	GPRC5A	3.210	0.000	143.052	41.998
ENSG00000124557	BTN1A1	3.199	0.000	0.134	0.022
ENSG00000215864	NBPF7	3.194	0.000	2.029	0.573
ENSG00000088836	SLC4A11	3.193	0.000	1.025	0.173
ENSG00000160862	AZGP1	3.185	0.000	10.280	2.485
ENSG00000163737	PF4	3.169	0.000	1.734	0.342
ENSG00000131910	NROB2	3.162	0.000	1.537	0.361
ENSG00000139289	PHLDA1	3.151	0.000	6.715	1.830
ENSG00000157064	NMNAT2	3.141	0.000	0.323	0.036
ENSG00000196754	S100A2	3.134	0.000	0.601	0.150

ENSG00000163064	EN1	3.112	0.000	0.530	0.002
ENSG00000107984	DKK1	3.109	0.000	1.091	0.102
ENSG00000258919	RP11-1029J19.4	3.107	0.000	1.905	0.437
ENSG00000100003	SEC14L2	3.084	0.000	1.409	0.386
ENSG00000187288	CIDEC	3.078	0.000	29.515	6.684
ENSG00000169248	CXCL11	3.072	0.001	0.904	0.170
ENSG00000161326	DUSP14	3.071	0.000	1.761	0.550
ENSG00000008300	CELSR3	3.069	0.000	1.227	0.353
ENSG00000118271	TTR	3.060	0.000	3.424	0.894
ENSG00000221947	XKR9	3.054	0.000	1.669	0.362
ENSG00000174279	EVX2	3.052	0.001	0.721	0.104
ENSG00000196352	CD55	3.030	0.000	40.638	7.900
ENSG00000152669	CCNO	3.020	0.000	1.887	0.449
ENSG00000095739	BAMBI	3.010	0.000	12.302	3.496
ENSG00000125744	RTN2	3.009	0.000	3.607	1.085
ENSG00000113070	HBEGF	3.004	0.000	18.611	4.237
ENSG00000162366	PDZK1IP1	2.998	0.000	48.929	14.771
ENSG00000250900	CTC-338M12.6	2.997	0.000	0.863	0.218
ENSG00000142700	DMRTA2	2.996	0.001	0.101	0.013
ENSG00000043355	ZIC2	2.980	0.001	0.277	0.019
ENSG00000100078	PLA2G3	2.965	0.001	0.415	0.088
ENSG00000198842	DUSP27	2.963	0.001	0.392	0.035
ENSG00000169583	CLIC3	2.959	0.000	4.047	0.930
ENSG00000178473	UCN3	2.950	0.000	16.171	3.929
ENSG00000163817	SLC6A20	2.936	0.002	7.183	0.985
ENSG00000168631	DPCR1	2.935	0.002	0.341	0.011
ENSG00000166396	SERPINB7	2.929	0.001	0.664	0.008
ENSG00000223458	RP11-332E3.2	2.923	0.002	2.084	0.294
ENSG00000087085	ACHE	2.916	0.000	18.310	5.771
ENSG00000168209	DDIT4	2.916	0.000	35.413	11.017
ENSG00000259230	CTD-2555C10.3	2.914	0.001	0.741	0.155
ENSG00000114378	HYAL1	2.907	0.000	6.085	1.807
ENSG00000168754	FAM178B	2.899	0.000	0.206	0.050
ENSG00000257046	LST3	2.895	0.002	0.125	0.008
ENSG00000187642	C1orf170	2.886	0.000	0.298	0.076
ENSG00000187258	NPSR1	2.885	0.002	0.220	0.022
ENSG00000178734	C13orf45	2.877	0.002	0.857	0.152
ENSG00000137673	MMP7	2.869	0.002	0.608	0.045
ENSG00000139725	RHOF	2.865	0.000	48.470	16.184
ENSG00000236081	AC074389.9	2.863	0.000	0.732	0.180
ENSG00000132911	NMUR2	2.855	0.002	0.177	0.009
ENSG00000163739	CXCL1	2.845	0.000	11.946	3.003
ENSG00000254166	CASC19	2.839	0.001	1.678	0.379
ENSG00000219607	PPP1R3G	2.839	0.000	2.296	0.606
ENSG00000135919	SERPINE2	2.837	0.000	7.950	2.508
ENSG00000146054	TRIM7	2.826	0.000	1.944	0.610
ENSG00000117394	SLC2A1	2.824	0.000	43.357	15.210

ENSG00000251537	RP11-385D13.1	2.820	0.000	2.120	0.708
ENSG00000137225	CAPN11	2.818	0.000	1.221	0.324
ENSG00000134317	GRHL1	2.817	0.000	0.429	0.117
ENSG00000163734	CXCL3	2.812	0.000	5.541	1.757
ENSG00000234667	ACTBP13	2.809	0.003	0.099	0.013
ENSG00000161647	MPP3	2.803	0.000	1.218	0.415
ENSG00000113763	UNC5A	2.802	0.003	0.107	0.019
ENSG00000149798	CDC42EP2	2.776	0.000	6.128	2.048
ENSG00000167755	KLK6	2.776	0.002	0.241	0.005
ENSG00000169047	IRS1	2.772	0.000	7.377	2.494
ENSG00000242265	PEG10	2.756	0.000	1.282	0.387
ENSG00000011422	PLAUR	2.755	0.000	41.141	14.177
ENSG00000164379	FOXQ1	2.745	0.000	1.658	0.174
ENSG00000158089	GALNT14	2.743	0.003	0.142	0.025
ENSG00000197261	C6orf141	2.739	0.000	5.631	1.995
ENSG00000152128	TMEM163	2.736	0.000	0.302	0.087
ENSG00000143217	PVRL4	2.731	0.000	4.065	1.436
ENSG00000133169	BEX1	2.721	0.001	1.932	0.547
ENSG00000168679	SLC16A4	2.715	0.000	3.222	0.602
ENSG00000105464	GRIN2D	2.713	0.001	0.377	0.103
ENSG00000198203	SULT1C2	2.713	0.002	5.124	1.354
ENSG00000040608	RTN4R	2.712	0.000	2.008	0.663
ENSG00000099960	SLC7A4	2.701	0.000	3.304	1.173
ENSG00000165816	VWA2	2.700	0.001	0.826	0.228
ENSG00000128610	FEZF1	2.695	0.004	0.109	0.009
ENSG00000140519	RHCG	2.680	0.004	0.309	0.055
ENSG00000124233	SEMG1	2.674	0.003	0.404	0.094
ENSG00000109511	ANXA10	2.671	0.005	4.016	0.102
ENSG00000138166	DUSP5	2.668	0.000	31.780	10.752
ENSG00000183018	SPNS2	2.668	0.000	26.257	5.113
ENSG00000167105	TMEM92	2.667	0.000	3.705	1.189
ENSG00000169876	MUC17	2.666	0.001	21.824	6.605
ENSG00000229950	TFAP2A-AS1	2.663	0.002	0.294	0.077
ENSG00000185332	TMEM105	2.662	0.000	0.299	0.089
ENSG00000142661	MYOM3	2.657	0.000	2.329	0.815
ENSG00000163132	MSX1	2.656	0.001	0.264	0.069
ENSG00000247993	RP11-79P5.2	2.655	0.005	1.123	0.135
ENSG00000169903	TM4SF4	2.654	0.004	7.788	0.308
ENSG00000188735	TMEM120B	2.654	0.000	20.874	7.691
ENSG00000172183	ISG20	2.651	0.000	9.708	3.571
ENSG00000005238	FAM214B	2.643	0.000	15.200	5.690
ENSG00000169258	GPRIN1	2.639	0.000	7.427	2.312
ENSG00000092929	UNC13D	2.638	0.000	24.662	8.766
ENSG00000164816	DEFA5	2.637	0.005	2.368	19.352
ENSG00000058085	LAMC2	2.637	0.000	39.758	14.246
ENSG00000183900	AC099522.1	2.636	0.005	0.460	0.045
ENSG00000204632	HLA-G	2.632	0.004	52.343	7.756

ENSG00000237686	RP5-1120P11.1	2.628	0.002	0.846	0.239
ENSG00000162975	KCNF1	2.626	0.000	0.624	0.204
ENSG00000121653	MAPK8IP1	2.623	0.000	1.340	0.469
ENSG00000128203	ASPHD2	2.623	0.000	5.248	1.902
ENSG00000158055	GRHL3	2.612	0.001	0.704	0.089
ENSG00000128422	KRT17	2.611	0.004	0.272	0.035
ENSG00000231826	AC016735.2	2.610	0.006	0.643	0.019
ENSG00000126778	SIX1	2.599	0.005	0.047	0.005
ENSG00000008735	MAPK8IP2	2.594	0.000	0.761	0.274
ENSG00000243802	RP11-390K5.1	2.586	0.005	1.262	0.263
ENSG00000222033	LINC01124	2.585	0.000	0.425	0.136
ENSG00000204052	LRRC73	2.582	0.001	0.437	0.135
ENSG00000181577	C6orf223	2.582	0.005	4.749	1.077
ENSG00000105219	CNTD2	2.578	0.005	0.315	0.076
ENSG00000173898	SPTBN2	2.575	0.000	1.619	0.530
ENSG00000131037	EPS8L1	2.575	0.000	25.931	9.628
ENSG00000214049	UCA1	2.573	0.007	11.940	1.965
ENSG00000186860	KRTAP17-1	2.569	0.003	0.251	0.000
ENSG00000142549	IGLON5	2.563	0.006	0.090	0.006
ENSG00000124107	SLPI	2.562	0.000	132.696	46.946
ENSG00000129990	SYT5	2.562	0.001	0.373	0.117
ENSG00000255071	SAA2-SAA4	2.562	0.005	0.396	0.018
ENSG00000204335	SP5	2.558	0.001	0.633	0.202
ENSG00000171811	TTC40	2.556	0.005	0.048	0.012
ENSG00000221926	TRIM16	2.555	0.000	5.127	1.948
ENSG00000138347	MYPN	2.554	0.000	1.166	0.393
ENSG00000176083	ZNF683	2.548	0.004	0.273	0.070
ENSG00000182836	PLCXD3	2.546	0.001	0.151	0.049
ENSG00000258689	RP6-65G23.1	2.540	0.006	0.461	0.035
ENSG00000130164	LDLR	2.538	0.000	23.244	8.602
ENSG00000163191	S100A11	2.538	0.000	330.494	126.396
ENSG00000251179	RP11-893F2.9	2.533	0.006	0.722	0.176
ENSG00000108309	RUNDC3A	2.533	0.000	0.724	0.243
ENSG00000187583	PLEKHN1	2.529	0.001	0.917	0.305
ENSG00000124216	SNAI1	2.527	0.000	0.679	0.230
ENSG00000181791	AC009041.1	2.525	0.003	3.781	0.275
ENSG00000006704	GTF2IRD1	2.519	0.000	3.599	1.402
ENSG00000114771	AADAC	2.512	0.003	0.503	0.150
ENSG00000204165	CXorf65	2.509	0.000	0.988	0.341
ENSG00000137857	DUOX1	2.508	0.000	1.065	0.379
ENSG00000137331	IER3	2.504	0.001	71.126	24.044
ENSG00000128165	ADM2	2.494	0.000	3.135	1.130
ENSG00000170231	FABP6	2.492	0.009	0.341	0.065
ENSG00000258404	RP11-1029J19.5	2.488	0.009	0.818	0.162
ENSG00000214376	VSTM5	2.483	0.000	3.330	1.262
ENSG00000006534	ALDH3B1	2.481	0.000	7.004	2.704
ENSG00000110092	CCND1	2.478	0.000	25.407	10.102

ENSG00000255498	RP11-618K13.2	2.476	0.002	2.366	0.760
ENSG00000159363	ATP13A2	2.476	0.000	24.501	9.739
ENSG00000204539	CDSN	2.474	0.005	3.675	1.086
ENSG00000089723	OTUB2	2.473	0.000	1.638	0.601
ENSG00000142677	IL22RA1	2.473	0.000	51.860	20.379
ENSG00000146038	DCDC2	2.470	0.003	2.268	0.677
ENSG00000100228	RAB36	2.466	0.000	0.925	0.334
ENSG00000161921	CXCL16	2.464	0.000	35.461	14.097
ENSG00000176903	PNMA1	2.462	0.000	17.989	7.276
ENSG00000140279	DUOX2	2.454	0.011	44.942	6.050
ENSG00000204634	TBC1D8	2.449	0.000	7.796	3.128
ENSG00000124780	KCNK17	2.442	0.002	0.264	0.087
ENSG00000234602	MCIDAS	2.438	0.011	0.159	0.032
ENSG00000106089	STX1A	2.437	0.000	2.062	0.800
ENSG00000182240	BACE2	2.433	0.000	33.778	12.827
ENSG00000103888	KIAA1199	2.431	0.000	1.420	0.522
ENSG00000069011	PITX1	2.428	0.000	6.040	2.395
ENSG00000112414	GPR126	2.427	0.000	6.479	2.459
ENSG00000171951	SCG2	2.423	0.001	9.828	3.622
ENSG00000136383	ALPK3	2.413	0.000	0.640	0.235
ENSG00000183914	DNAH2	2.412	0.003	0.211	0.070
ENSG00000174307	PHLDA3	2.398	0.000	5.738	2.322
ENSG00000138135	CH25H	2.395	0.000	2.191	0.816
ENSG00000240541	TM4SF1-AS1	2.393	0.003	0.717	0.241
ENSG00000175505	CLCF1	2.383	0.000	3.933	1.624
ENSG00000136802	LRRC8A	2.378	0.000	17.696	7.387
ENSG00000226526	RP1-37C10.3	2.376	0.000	10.054	4.135
ENSG00000181126	HLA-V	2.373	0.013	2.005	0.171
ENSG00000162078	ZG16B	2.372	0.000	58.212	22.976
ENSG00000137193	PIM1	2.372	0.000	31.931	13.228
ENSG00000159784	FAM131B	2.369	0.000	0.181	0.069
ENSG00000112494	UNC93A	2.364	0.010	0.287	0.082
ENSG00000116663	FBXO6	2.362	0.000	6.238	2.633
ENSG00000214128	TMEM213	2.360	0.007	0.091	0.027
ENSG00000172410	INSL5	2.351	0.015	257.102	55.786
ENSG00000141497	ZMYND15	2.348	0.000	2.001	0.790
ENSG00000164283	ESM1	2.342	0.016	0.151	0.030
ENSG00000221887	HMSD	2.337	0.000	2.670	1.109
ENSG00000197696	NMB	2.334	0.000	2.224	0.909
ENSG00000143921	ABCG8	2.333	0.008	0.414	0.127
ENSG00000185739	SRL	2.332	0.004	0.137	0.047
ENSG00000105989	WNT2	2.329	0.014	0.108	0.013
ENSG00000152076	CCDC74B	2.328	0.004	0.147	0.051
ENSG00000161249	DMKN	2.325	0.000	1.469	0.615
ENSG00000124143	ARHGAP40	2.325	0.013	0.089	0.009
ENSG00000176998	HCG4	2.325	0.016	2.427	0.370
ENSG00000154217	PITPNC1	2.324	0.000	7.493	3.224

ENSG00000142484	TM4SF5	2.324	0.000	32.984	13.177
ENSG00000138772	ANXA3	2.323	0.000	19.298	7.891
ENSG00000119547	ONECUT2	2.323	0.000	0.172	0.071
ENSG00000120149	MSX2	2.321	0.009	0.211	0.064
ENSG00000178531	CTXN1	2.319	0.012	0.692	0.192
ENSG00000151883	PARP8	2.319	0.000	3.113	1.263
ENSG00000150556	LYPD6B	2.315	0.000	1.277	0.502
ENSG00000124225	PMEPA1	2.314	0.000	10.895	4.680
ENSG00000198807	PAX9	2.313	0.010	0.139	0.043
ENSG00000153395	LPCAT1	2.310	0.000	7.052	2.938
ENSG00000165507	C10orf10	2.310	0.000	6.632	2.784
ENSG00000115009	CCL20	2.310	0.009	27.263	8.913
ENSG00000145911	N4BP3	2.307	0.000	1.516	0.634
ENSG00000214226	C17orf67	2.304	0.000	2.026	0.860
ENSG00000138028	CGREF1	2.303	0.001	3.738	1.423
ENSG00000151364	KCTD14	2.299	0.000	16.882	6.999
ENSG00000235884	LINC00941	2.297	0.015	0.122	0.013
ENSG00000243444	PALM2	2.296	0.002	0.134	0.051
ENSG00000236675	MTX1P1	2.295	0.001	1.032	0.398
ENSG00000198576	ARC	2.286	0.016	0.172	0.018
ENSG00000130513	GDF15	2.282	0.003	20.007	7.548
ENSG00000108001	EBF3	2.281	0.016	0.054	0.014
ENSG00000118898	PPL	2.277	0.000	5.759	2.449
ENSG00000259721	RP11-758N13.1	2.277	0.019	0.345	0.086
ENSG00000149043	SYT8	2.272	0.000	0.842	0.342
ENSG00000173237	C11orf86	2.271	0.000	78.448	32.372
ENSG00000161652	IZUMO2	2.270	0.014	0.309	0.027
ENSG00000175426	PCSK1	2.264	0.000	2.698	1.130
ENSG00000255655	RP11-256L11.3	2.263	0.014	0.800	0.252
ENSG00000226872	AC002472.11	2.262	0.005	1.146	0.423
ENSG00000163874	ZC3H12A	2.260	0.000	14.227	6.097
ENSG00000109321	AREG	2.258	0.009	0.700	0.244
ENSG00000034152	MAP2K3	2.256	0.000	30.609	13.658
ENSG00000094755	GABRP	2.254	0.012	0.182	0.056
ENSG00000128710	HOXD10	2.254	0.016	10.706	3.496
ENSG00000138759	FRAS1	2.251	0.002	0.754	0.300
ENSG00000197019	SERTAD1	2.249	0.000	14.421	6.457
ENSG00000144655	CSRNP1	2.246	0.000	11.375	4.876
ENSG00000184905	TCEAL2	2.245	0.023	0.138	0.023
ENSG00000171223	JUNB	2.245	0.001	98.507	40.561
ENSG00000245311	RP11-165P7.1	2.236	0.013	0.555	0.185
ENSG00000170561	IRX2	2.235	0.022	1.428	0.180
ENSG00000134020	PEBP4	2.233	0.020	0.196	0.053
ENSG00000135253	KCP	2.233	0.000	2.484	1.113
ENSG00000100373	UPK3A	2.229	0.017	0.785	0.249
ENSG00000223552	RP11-24F11.2	2.228	0.001	1.911	0.802
ENSG00000133710	SPINK5	2.227	0.005	16.712	6.391

ENSG00000239948	RN7SL368P	2.217	0.014	1.493	0.490
ENSG00000134107	BHLHE40	2.215	0.000	26.052	11.291
ENSG00000231133	HAR1B	2.214	0.026	0.700	0.160
ENSG00000176720	BOK	2.214	0.000	7.130	3.266
ENSG00000079337	RAPGEF3	2.213	0.000	2.353	1.017
ENSG00000128578	STRIP2	2.213	0.003	1.140	0.446
ENSG00000007384	RHBDF1	2.209	0.000	14.864	6.807
ENSG00000117407	ARTN	2.208	0.004	2.459	1.000
ENSG00000151012	SLC7A11	2.207	0.001	2.042	0.845
ENSG00000130475	FCHO1	2.197	0.000	2.806	1.238
ENSG00000130477	UNC13A	2.193	0.001	0.261	0.110
ENSG00000168389	MFSD2A	2.192	0.000	9.621	4.251
ENSG00000178404	DDC8	2.191	0.000	6.919	3.072
ENSG00000205517	RGL3	2.182	0.001	7.677	3.282
ENSG00000135472	FAIM2	2.182	0.010	0.320	0.119
ENSG00000137267	TUBB2A	2.181	0.002	9.329	3.862
ENSG00000151929	BAG3	2.180	0.000	19.689	9.162
ENSG00000132357	CARD6	2.179	0.000	1.328	0.572
ENSG00000185479	KRT6B	2.178	0.029	0.088	0.012
ENSG00000105355	PLIN3	2.178	0.000	97.879	44.914
ENSG00000132821	VSTM2L	2.174	0.002	0.807	0.334
ENSG00000157350	ST3GAL2	2.174	0.000	3.190	1.480
ENSG00000060558	GNA15	2.173	0.000	3.347	1.458
ENSG00000127528	KLF2	2.173	0.007	13.283	5.321
ENSG00000166592	RRAD	2.173	0.006	1.472	0.579
ENSG00000171873	ADRA1D	2.172	0.029	0.165	0.033
ENSG00000081041	CXCL2	2.172	0.004	3.634	1.471
ENSG00000100196	KDELR3	2.171	0.000	30.297	13.449
ENSG00000127472	PLA2G5	2.171	0.015	0.159	0.054
ENSG00000187664	HAPLN4	2.171	0.007	0.720	0.285
ENSG00000250218	ALDH1L1-AS1	2.169	0.013	3.867	1.376
ENSG00000168032	ENTPD3	2.169	0.010	1.376	0.535
ENSG00000242766	IGKV1D-17	2.166	0.031	8.766	2.022
ENSG00000075275	CELSR1	2.164	0.001	1.601	0.676
ENSG00000259479	CTD-2008A1.2	2.162	0.001	0.731	0.318
ENSG00000128918	ALDH1A2	2.162	0.029	0.470	0.139
ENSG00000198113	TOR4A	2.162	0.000	26.710	12.483
ENSG00000213889	PPM1N	2.160	0.000	0.841	0.368
ENSG00000180801	ARSJ	2.159	0.002	3.420	1.443
ENSG00000182492	BGN	2.157	0.002	4.522	1.901
ENSG00000211662	IGLV3-21	2.157	0.020	214.949	74.939
ENSG00000152784	PRDM8	2.157	0.006	0.934	0.367
ENSG00000144452	ABCA12	2.156	0.031	0.078	0.007
ENSG00000165084	C8orf34	2.152	0.032	0.028	0.007
ENSG00000160716	CHRNA2	2.152	0.005	0.162	0.066
ENSG00000104881	PPP1R13L	2.152	0.000	9.225	4.222
ENSG00000220494	YAP1P1	2.150	0.031	0.205	0.055

ENSG00000182795	C1orf116	2.150	0.000	24.538	11.275
ENSG00000124920	MYRF	2.146	0.001	6.748	2.901
ENSG00000204618	RNF39	2.145	0.000	5.548	2.565
ENSG00000069482	GAL	2.143	0.025	0.382	0.122
ENSG00000185467	KPNA7	2.143	0.001	0.989	0.426
ENSG00000219891	ZSCAN12P1	2.143	0.001	1.715	0.752
ENSG00000002587	HS3ST1	2.140	0.000	1.626	0.770
ENSG00000073737	DHRS9	2.140	0.000	104.704	47.732
ENSG00000254829	RP11-7I15.3	2.140	0.000	22.884	10.260
ENSG00000244300	RP11-475N22.4	2.139	0.025	0.722	0.247
ENSG00000131188	PRR7	2.135	0.000	0.893	0.403
ENSG00000166401	SERPINB8	2.134	0.000	7.606	3.537
ENSG00000184544	DHRS7C	2.133	0.014	0.818	0.308
ENSG00000186806	VSIG10L	2.133	0.004	1.797	0.770
ENSG00000148053	NTRK2	2.133	0.004	1.579	0.671
ENSG00000147889	CDKN2A	2.132	0.001	0.539	0.237
ENSG00000107819	SFXN3	2.131	0.000	9.580	4.482
ENSG00000136110	LECT1	2.131	0.035	0.424	0.067
ENSG00000126368	NR1D1	2.130	0.000	9.046	4.078
ENSG00000196091	MYBPC1	2.129	0.016	1.065	0.407
ENSG00000256394	ASIC5	2.126	0.029	0.119	0.017
ENSG00000258504	RP11-638I2.6	2.125	0.000	14.350	6.598
ENSG00000130600	H19	2.125	0.019	0.811	0.298
ENSG00000171346	KRT15	2.123	0.001	3.416	1.506
ENSG00000003249	DBNDD1	2.123	0.004	2.843	1.179
ENSG00000205578	POM121B	2.122	0.027	0.150	0.048
ENSG00000204540	PSORS1C1	2.121	0.002	3.634	1.581
ENSG00000188660	LINC00319	2.120	0.015	0.191	0.072
ENSG00000181072	CHRM2	2.118	0.036	0.046	0.009
ENSG00000203499	FAM83H-AS1	2.114	0.000	3.061	1.425
ENSG00000173846	PLK3	2.113	0.000	4.281	2.009
ENSG00000188643	S100A16	2.113	0.000	207.012	96.928
ENSG00000196923	PDLIM7	2.112	0.000	5.268	2.463
ENSG00000137198	GMPR	2.111	0.001	1.800	0.791
ENSG00000257766	RP11-341G23.3	2.109	0.009	2.164	0.890
ENSG00000084734	GCKR	2.105	0.036	0.106	0.029
ENSG00000101194	SLC17A9	2.099	0.001	14.267	6.477
ENSG00000228146	CASP16	2.098	0.008	2.202	0.919
ENSG00000116260	QSOX1	2.098	0.000	73.914	35.225
ENSG00000101255	TRIB3	2.097	0.002	3.348	1.471
ENSG00000181524	RPL24P4	2.096	0.008	2.405	0.966
ENSG00000176907	C8orf4	2.093	0.010	35.556	14.837
ENSG00000064666	CNN2	2.092	0.000	39.731	19.035
ENSG00000253998	IGKV2-29	2.091	0.030	2.701	1.980
ENSG00000196843	ARID5A	2.090	0.000	5.042	2.439
ENSG00000257433	RP1-197B17.3	2.084	0.001	1.198	0.547
ENSG00000173557	C2orf70	2.081	0.008	0.781	0.323

ENSG00000226180	AC010536.1	2.081	0.007	0.232	0.098
ENSG00000255674	AC013718.1	2.081	0.022	1.489	0.564
ENSG00000172137	CALB2	2.080	0.020	0.829	0.314
ENSG00000250261	AC007050.18	2.078	0.000	2.415	1.124
ENSG00000075340	ADD2	2.078	0.036	0.077	0.026
ENSG00000204889	KRT40	2.076	0.010	0.779	0.331
ENSG00000230825	AC005532.5	2.074	0.040	0.659	0.205
ENSG00000232756	RP5-1185I7.1	2.074	0.000	2.403	1.105
ENSG00000253785	CTC-308K20.3	2.071	0.006	0.668	0.290
ENSG00000105290	APLP1	2.070	0.002	0.542	0.246
ENSG00000174567	GOLT1A	2.069	0.001	7.594	3.449
ENSG00000167157	PRRX2	2.067	0.005	0.676	0.291
ENSG00000107338	SHB	2.066	0.000	10.092	4.984
ENSG00000171345	KRT19	2.065	0.000	1080.091	523.643
ENSG00000164822	DEFA6	2.065	0.045	1.510	3.719
ENSG00000169174	PCSK9	2.063	0.029	10.564	3.867
ENSG00000163518	FCRL4	2.062	0.028	0.313	0.116
ENSG00000165810	BTNL9	2.055	0.000	1.986	0.936
ENSG00000165188	RNF183	2.055	0.007	0.336	0.145
ENSG00000055813	CCDC85A	2.051	0.024	0.544	0.214
ENSG00000257588	RP11-469H8.6	2.049	0.018	0.210	0.000
ENSG00000142765	SYTL1	2.049	0.000	5.435	2.624
ENSG00000128709	HOXD9	2.046	0.032	5.166	2.004
ENSG00000029153	ARNTL2	2.046	0.000	2.152	1.018
ENSG00000131019	ULBP3	2.045	0.011	0.505	0.217
ENSG00000254521	SIGLEC12	2.044	0.018	1.503	0.606
ENSG00000136840	ST6GALNAC4	2.044	0.000	17.237	8.328
ENSG00000211658	IGLV3-27	2.043	0.030	13.217	5.028
ENSG00000182378	PLCXD1	2.042	0.000	0.493	0.233
ENSG00000189120	SP6	2.042	0.002	3.084	1.439
ENSG00000172738	TMEM217	2.041	0.000	1.075	0.522
ENSG00000135625	EGR4	2.041	0.034	0.093	0.008
ENSG00000174348	PODN	2.041	0.000	2.282	1.101
ENSG00000259078	PTBP1P	2.038	0.041	0.287	0.096
ENSG00000232993	RP11-334A14.5	2.036	0.002	3.721	1.725
ENSG00000253227	RP11-383J24.1	2.035	0.048	0.976	0.273
ENSG00000197099	RP11-573D15.8	2.035	0.036	0.634	0.217
ENSG00000237223	SULT1C2P1	2.034	0.043	0.222	0.082
ENSG00000116039	ATP6V1B1	2.034	0.026	0.435	0.102
ENSG00000175793	SFN	2.032	0.000	208.138	101.014
ENSG00000140961	OSGIN1	2.029	0.000	7.601	3.707
ENSG00000112299	VNN1	2.028	0.046	4.150	1.309
ENSG00000090530	LEPREL1	2.026	0.004	9.335	4.251
ENSG00000176485	PLA2G16	2.026	0.005	3.134	1.397
ENSG00000147168	IL2RG	2.025	0.000	88.967	43.419
ENSG00000227947	RP11-543D5.1	2.022	0.027	0.561	0.216
ENSG00000233138	RP1-67K17.3	2.018	0.000	4.795	2.344

ENSG00000085063	CD59	2.016	0.000	81.271	40.476
ENSG00000242407	CTD-2377D24.4	2.010	0.040	5.846	1.848
ENSG00000164761	TNFRSF11B	2.006	0.002	3.707	1.741
ENSG00000151689	INPP1	2.005	0.000	16.636	8.416
ENSG00000123989	CHPF	2.005	0.000	17.992	8.883
ENSG00000148926	ADM	2.005	0.003	20.128	9.377
ENSG00000008513	ST3GAL1	2.004	0.002	4.172	1.552
ENSG00000232874	RP11-135A1.2	2.004	0.007	1.689	0.746
ENSG00000203801	LINC00222	2.002	0.026	0.127	0.053
ENSG00000107864	CPEB3	-2.001	0.000	1.193	2.619
ENSG00000166796	LDHC	-2.002	0.036	0.018	0.328
ENSG00000173320	STOX2	-2.002	0.025	0.073	0.192
ENSG00000166035	LIPC	-2.006	0.010	0.244	0.602
ENSG00000095110	NXPE1	-2.006	0.000	24.046	53.257
ENSG00000258604	AL161668.5	-2.008	0.003	0.925	2.151
ENSG00000228032	C14orf144	-2.008	0.046	0.119	0.404
ENSG00000123700	KCNJ2	-2.009	0.001	1.768	4.024
ENSG00000151834	GABRA2	-2.011	0.010	0.328	0.813
ENSG00000174136	RGMB	-2.014	0.000	6.185	13.387
ENSG00000108576	SLC6A4	-2.015	0.036	0.073	0.212
ENSG00000147650	LRP12	-2.018	0.000	0.535	1.162
ENSG00000257315	ZBED6	-2.018	0.037	0.696	1.943
ENSG00000154269	ENPP3	-2.022	0.000	2.960	6.591
ENSG00000163106	HPGDS	-2.024	0.003	1.469	3.459
ENSG00000241732	RP11-38P22.2	-2.025	0.000	4.873	11.107
ENSG00000123610	TNFAIP6	-2.026	0.013	0.148	0.387
ENSG00000230731	RP11-478K15.6	-2.027	0.016	0.966	2.581
ENSG00000016490	CLCA1	-2.027	0.037	302.746	896.092
ENSG00000257489	RP11-175P13.3	-2.027	0.001	0.908	2.065
ENSG00000259540	RP11-526I2.1	-2.029	0.039	0.235	0.687
ENSG00000169271	HSPB3	-2.029	0.050	0.501	2.855
ENSG00000226087	AC106869.2	-2.030	0.018	0.596	1.593
ENSG00000214797	RP11-1036E20.9	-2.032	0.032	0.067	0.204
ENSG00000185640	KRT79	-2.032	0.046	0.007	0.056
ENSG00000226306	NPY6R	-2.033	0.010	0.987	2.396
ENSG00000106772	PRUNE2	-2.033	0.000	1.122	2.515
ENSG00000167768	KRT1	-2.034	0.050	0.137	0.668
ENSG00000165899	OTOGL	-2.037	0.036	0.017	0.054
ENSG00000132517	SLC52A1	-2.038	0.019	0.283	0.760
ENSG00000197128	ZNF772	-2.039	0.001	0.303	0.688
ENSG00000183690	EFHC2	-2.040	0.000	0.277	0.625
ENSG00000136492	BRIP1	-2.046	0.000	0.631	1.405
ENSG00000227141	RP11-545A16.3	-2.049	0.037	0.037	0.121
ENSG00000237707	RP5-1018K9.1	-2.053	0.046	0.104	0.423
ENSG00000256139	RP11-968O1.5	-2.055	0.000	1.168	2.659
ENSG00000141449	GREB1L	-2.056	0.027	0.025	0.074
ENSG00000169860	P2RY1	-2.058	0.002	2.906	6.901

ENSG00000109819	PPARGC1A	-2.059	0.005	2.421	6.050
ENSG00000184040	TMEM236	-2.060	0.025	0.524	1.558
ENSG00000203546	RP11-176H8.1	-2.061	0.001	1.710	3.949
ENSG00000198270	TMEM116	-2.063	0.000	0.516	1.186
ENSG00000250305	KIAA1456	-2.065	0.000	0.577	1.325
ENSG00000178075	GRAMD1C	-2.066	0.000	1.527	3.462
ENSG00000182223	ZAR1	-2.069	0.002	0.307	0.737
ENSG00000236937	PTGES3P4	-2.076	0.005	1.090	2.703
ENSG00000049130	KITLG	-2.076	0.000	4.750	10.546
ENSG00000161048	NAPEPLD	-2.083	0.000	5.692	12.831
ENSG00000184984	CHRM5	-2.084	0.004	0.083	0.212
ENSG00000115841	RMDN2	-2.084	0.000	1.662	3.926
ENSG00000073711	PPP2R3A	-2.090	0.002	1.583	3.914
ENSG00000131126	TEX101	-2.091	0.036	0.075	0.291
ENSG00000151150	ANK3	-2.092	0.000	1.405	3.231
ENSG00000187510	PLEKHG7	-2.099	0.002	0.186	0.458
ENSG00000234460	Xyac-YM21GA2.4	-2.103	0.033	0.200	0.768
ENSG00000185245	GP1BA	-2.104	0.001	0.411	0.997
ENSG00000197594	ENPP1	-2.106	0.000	1.679	3.873
ENSG00000248690	HAS2-AS1	-2.111	0.001	0.209	0.517
ENSG00000239205	RP11-747D18.1	-2.112	0.007	1.028	2.765
ENSG00000216560	LINC00955	-2.112	0.038	0.397	1.992
ENSG00000224812	TMEM72-AS1	-2.113	0.012	0.049	0.141
ENSG00000228307	OR2S1P	-2.115	0.004	0.400	1.046
ENSG00000100505	TRIM9	-2.115	0.022	0.188	0.575
ENSG00000250328	CTC-210G5.1	-2.117	0.034	0.134	0.502
ENSG00000179750	APOBEC3B	-2.118	0.001	4.549	11.220
ENSG00000225972	MTND1P23	-2.120	0.005	1.397	3.814
ENSG00000182397	DNM1P46	-2.122	0.025	0.025	0.085
ENSG00000180279	CTD-2568A17.5	-2.124	0.034	0.070	0.307
ENSG00000204361	NXPE2	-2.129	0.000	2.273	5.425
ENSG00000246090	RP11-696N14.1	-2.133	0.000	0.313	0.739
ENSG00000138308	PLA2G12B	-2.136	0.004	1.601	4.231
ENSG00000110975	SYT10	-2.139	0.015	0.035	0.101
ENSG00000246763	RGMB-AS1	-2.140	0.000	1.138	2.743
ENSG00000108381	ASPA	-2.142	0.000	0.348	0.820
ENSG00000242435	UPK3BP1	-2.148	0.007	0.467	1.271
ENSG00000234828	RP11-526A4.1	-2.154	0.005	0.120	0.337
ENSG00000080293	SCTR	-2.160	0.006	0.203	0.554
ENSG00000132854	KANK4	-2.162	0.001	0.224	0.565
ENSG00000254453	NAV2-AS2	-2.163	0.013	0.408	1.186
ENSG00000154874	CCDC144B	-2.163	0.023	0.010	0.032
ENSG00000184368	MAP7D2	-2.165	0.002	0.251	0.647
ENSG00000164129	NPY5R	-2.169	0.027	0.023	0.089
ENSG00000186462	NAP1L2	-2.169	0.000	0.865	2.173
ENSG00000110887	DAO	-2.173	0.005	0.324	0.937
ENSG00000100206	DMC1	-2.176	0.000	0.135	0.340

ENSG00000259589	RP11-317G6.1	-2.180	0.018	0.582	1.857
ENSG00000113805	CNTN3	-2.183	0.000	1.155	2.748
ENSG00000230666	CEACAM22P	-2.186	0.008	0.094	0.280
ENSG00000170166	HOXD4	-2.188	0.000	1.763	4.290
ENSG00000146530	VWDE	-2.191	0.004	0.078	0.216
ENSG00000005469	CROT	-2.191	0.000	3.056	7.529
ENSG00000177398	UMODL1	-2.195	0.003	0.041	0.110
ENSG00000173930	SLCO4C1	-2.196	0.005	0.187	0.516
ENSG00000152785	BMP3	-2.204	0.023	3.095	11.965
ENSG00000164488	DACT2	-2.210	0.001	0.303	0.799
ENSG00000250538	RP11-92A5.2	-2.210	0.024	0.026	0.211
ENSG00000156486	KCNS2	-2.211	0.024	0.033	0.138
ENSG00000167080	B4GALNT2	-2.215	0.021	6.613	24.989
ENSG00000236732	AC094019.4	-2.223	0.024	0.183	0.798
ENSG00000218265	RPS4XP7	-2.226	0.003	0.398	1.118
ENSG00000154654	NCAM2	-2.230	0.005	0.022	0.066
ENSG00000112902	SEMA5A	-2.246	0.000	2.832	7.163
ENSG00000172955	ADH6	-2.250	0.000	2.920	7.211
ENSG00000248256	OCIAD1-AS1	-2.252	0.000	1.788	4.703
ENSG00000188620	HMX3	-2.255	0.009	0.102	0.327
ENSG00000135097	MSI1	-2.277	0.002	0.248	0.718
ENSG00000108187	PBLD	-2.280	0.000	7.055	19.231
ENSG00000155850	SLC26A2	-2.302	0.007	95.746	318.188
ENSG00000109743	BST1	-2.307	0.000	0.807	2.098
ENSG00000251468	RP11-369K16.1	-2.308	0.002	0.229	0.676
ENSG00000145864	GABRB2	-2.309	0.000	0.143	0.376
ENSG00000179520	SLC17A8	-2.312	0.001	0.222	0.629
ENSG00000147256	ARHGAP36	-2.314	0.009	0.037	0.143
ENSG00000183117	CSMD1	-2.314	0.007	0.008	0.029
ENSG00000162670	BRINP3	-2.316	0.006	0.941	3.095
ENSG00000164756	SLC30A8	-2.327	0.012	0.014	0.062
ENSG00000225421	AC019330.1	-2.335	0.009	0.266	0.954
ENSG00000168229	PTGDR	-2.336	0.000	3.236	8.579
ENSG00000162039	MEIOB	-2.341	0.001	0.140	0.408
ENSG00000118596	SLC16A7	-2.347	0.000	0.089	0.253
ENSG00000137558	PI15	-2.358	0.007	0.095	0.342
ENSG00000181374	CCL13	-2.359	0.006	4.641	16.476
ENSG00000166845	C18orf54	-2.360	0.000	0.353	0.909
ENSG00000204936	CD177	-2.360	0.008	69.521	267.494
ENSG00000248161	RP11-499E18.1	-2.361	0.000	0.362	1.026
ENSG00000008086	CDKL5	-2.365	0.013	0.063	0.266
ENSG00000138669	PRKG2	-2.365	0.004	1.299	4.282
ENSG00000102010	BMX	-2.370	0.000	0.936	2.632
ENSG00000168314	MOBP	-2.370	0.002	0.064	0.196
ENSG00000231181	RP13-15M17.1	-2.378	0.001	0.403	1.211
ENSG00000236107	AC010127.3	-2.386	0.001	0.125	0.374
ENSG00000242553	AP001432.14	-2.389	0.003	0.286	0.926

ENSG00000148942	SLC5A12	-2.395	0.001	0.053	0.166
ENSG00000178248	AP000345.1	-2.397	0.013	0.087	0.732
ENSG00000069018	TRPC7	-2.407	0.001	0.087	0.266
ENSG00000138079	SLC3A1	-2.415	0.000	5.046	13.475
ENSG00000196090	PTPRT	-2.415	0.003	0.026	0.092
ENSG00000169432	SCN9A	-2.417	0.000	0.706	2.121
ENSG00000137561	TTPA	-2.417	0.000	1.604	4.307
ENSG00000250619	CTD-2215L10.1	-2.424	0.000	1.384	3.984
ENSG00000128383	APOBEC3A	-2.427	0.007	0.289	1.114
ENSG00000107105	ELAVL2	-2.436	0.001	0.072	0.226
ENSG00000257335	MGAM	-2.453	0.000	0.081	0.227
ENSG00000230519	RP11-1060J15.5	-2.468	0.001	0.752	2.425
ENSG00000225811	RP11-547I7.1	-2.481	0.002	0.306	1.074
ENSG00000151338	MIPOL1	-2.486	0.000	0.304	0.864
ENSG00000135220	UGT2A3	-2.487	0.001	12.759	42.061
ENSG00000257482	ZNF727	-2.509	0.007	0.040	0.205
ENSG00000187783	TMEM72	-2.511	0.000	4.126	12.512
ENSG00000144619	CNTN4	-2.519	0.000	0.463	1.337
ENSG00000243083	LINC00870	-2.540	0.000	0.096	0.311
ENSG00000138741	TRPC3	-2.546	0.004	0.042	0.183
ENSG00000150893	FREM2	-2.555	0.000	0.026	0.084
ENSG00000138315	OIT3	-2.577	0.000	0.245	0.800
ENSG00000233327	USP32P2	-2.580	0.005	0.067	0.347
ENSG00000171126	KCNG3	-2.645	0.000	0.060	0.221
ENSG00000112232	KHDRBS2	-2.652	0.001	0.115	0.463
ENSG00000156869	FRRS1	-2.688	0.000	1.369	4.219
ENSG00000258918	RP11-219E7.4	-2.692	0.003	0.123	0.794
ENSG00000135917	SLC19A3	-2.698	0.000	1.056	3.511
ENSG00000259381	RP11-192M23.1	-2.701	0.002	0.117	0.484
ENSG00000137975	CLCA2	-2.717	0.000	0.157	0.591
ENSG00000187398	LUZP2	-2.718	0.000	0.134	0.424
ENSG00000144820	GPR128	-2.742	0.000	1.321	4.399
ENSG00000180347	CCDC129	-2.750	0.001	0.107	0.420
ENSG00000236935	AP003774.1	-2.772	0.000	1.543	5.513
ENSG00000108700	CCL8	-2.805	0.000	1.076	4.517
ENSG00000258483	AC144835.1	-2.831	0.002	0.179	1.138
ENSG00000224984	RP11-524H19.2	-2.869	0.000	0.481	1.730
ENSG00000203691	AC092811.1	-2.927	0.000	0.117	0.484
ENSG00000233215	AP000472.2	-2.958	0.001	0.075	0.419
ENSG00000165192	ASB11	-2.964	0.001	0.019	0.107
ENSG00000164794	KCNV1	-3.026	0.000	0.060	0.295
ENSG00000165794	SLC39A2	-3.078	0.000	0.306	1.332
ENSG00000123612	ACVR1C	-3.118	0.000	0.544	2.077
ENSG00000160868	CYP3A4	-3.210	0.000	4.123	7.974
ENSG00000197415	VEPH1	-3.219	0.000	0.083	0.348
ENSG00000185149	NPY2R	-3.263	0.000	0.020	0.199
ENSG00000115386	REG1A	-3.307	0.000	7.191	1.244

ENSG00000050030	KIAA2022	-3.361	0.000	0.058	0.269
ENSG00000214652	RP11-3N2.13	-3.380	0.000	0.031	0.213
ENSG00000226741	CTA-929C8.6	-3.540	0.000	0.009	0.076
ENSG00000164270	HTR4	-3.761	0.000	0.216	0.978
ENSG00000232175	RP4-659I19.1	-3.848	0.000	0.114	1.006
ENSG00000081800	SLC13A1	-4.130	0.000	0.010	0.161
ENSG00000138792	ENPEP	-5.074	0.000	0.090	0.702
ENSG00000158516	CPA2	-5.178	0.000	0.025	0.590