

**Supplemental Table 3. All DEGs by cluster in the blood B cell scRNA-Seq dataset for untreated B cells.** Log2FC values represent the change in expression for the gene of interest in untreated B cells from patients with Active cGVHD compared to No cGVHD, along with associated statistical data.

<b>Cluster 1</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>ARRDC3</i>	-1.16089	0.124256	-9.342741	< 2.22e-16	< 2.22e-16
<i>CKS2</i>	1.150264	0.145341	7.914258	2.49E-15	1.17E-11
<i>SMIM10</i>	-4.719045	0.714476	-6.604905	3.98E-11	NA
<i>NFKBIA</i>	-0.633411	0.10013	-6.325907	2.52E-10	7.88E-07
<i>GATD3</i>	4.647591	0.850573	5.464067	4.65E-08	0.00010924
<i>CXCR4</i>	0.256004	0.048661	5.260934	1.43E-07	0.000269166
<i>RSRP1</i>	0.390152	0.074935	5.206521	1.92E-07	0.000281759
<i>C7orf50</i>	-0.470123	0.090579	-5.190221	2.10E-07	0.000281759
<i>SLC50A1</i>	-0.579278	0.113403	-5.108134	3.25E-07	0.000381886
<i>C16orf74</i>	-0.70939	0.141126	-5.026657	4.99E-07	0.000520732
<i>ACADVL</i>	-0.343337	0.068627	-5.002962	5.65E-07	0.000530124
<i>SYNGR2</i>	-0.729816	0.146819	-4.970843	6.67E-07	0.000539799
<i>ZBED2</i>	2.186817	0.440846	4.9605	7.03E-07	0.000539799
<i>CYTIP</i>	0.273594	0.055287	4.948643	7.47E-07	0.000539799
<i>GPR183</i>	0.68349	0.138905	4.920551	8.63E-07	0.000550377
<i>C17orf49</i>	-0.94241	0.191667	-4.916913	8.79E-07	0.000550377
<i>CLK1</i>	0.541952	0.111031	4.881087	1.06E-06	0.000612724
<i>LMO4</i>	0.689222	0.14149	4.871187	1.11E-06	0.000612724
<i>ENSG00000272211</i>	-1.16566	0.240687	-4.843062	1.28E-06	0.000632555
<i>RIN3</i>	0.762537	0.157466	4.842555	1.28E-06	0.000632555
<i>CD5</i>	-1.485943	0.30748	-4.832647	1.35E-06	0.000632555
<i>ENSG00000274265</i>	-0.550603	0.116453	-4.728101	2.27E-06	0.001013358
<i>ENSG00000275964</i>	-1.161019	0.246299	-4.713867	2.43E-06	0.00103742
<i>CHMP6</i>	-0.829528	0.177124	-4.683326	2.82E-06	0.001152347
<i>CD79B</i>	-0.290299	0.062331	-4.657387	3.20E-06	0.001252968
<i>HMGB2</i>	-0.382977	0.0825	-4.642141	3.45E-06	0.001255193
<i>H3F3B</i>	-0.299	0.064433	-4.64051	3.48E-06	0.001255193
<i>GLRX</i>	0.413958	0.090174	4.590641	4.42E-06	0.001536785
<i>CHORDC1</i>	0.587313	0.128611	4.566594	4.96E-06	0.001633973
<i>MIF</i>	-0.415094	0.090973	-4.562852	5.05E-06	0.001633973
<i>HINT2</i>	-0.434598	0.095437	-4.553756	5.27E-06	0.001649399
<i>CD48</i>	0.394216	0.087627	4.49882	6.83E-06	0.002011967
<i>IGHD</i>	-0.420601	0.093507	-4.498094	6.86E-06	0.002011967
<i>CAV1</i>	-1.331937	0.300417	-4.433623	9.27E-06	0.002636676
<i>HSPD1</i>	0.432091	0.098449	4.388966	1.14E-05	0.003087995
<i>VMAC</i>	-0.831149	0.189472	-4.386667	1.15E-05	0.003087995
<i>RBM3</i>	-0.42132	0.096375	-4.371671	1.23E-05	0.003216054
<i>KRTCAP2</i>	-0.258614	0.059542	-4.343415	1.40E-05	0.0035602
<i>ZC3H12A</i>	-0.618369	0.142572	-4.337239	1.44E-05	0.003565332
<i>GTF3C6</i>	-0.396704	0.09224	-4.300789	1.70E-05	0.004097685
<i>GPR18</i>	0.895258	0.210281	4.257429	2.07E-05	0.004854436

<i>KRT10</i>	-0.337307	0.079644	-4.235192	2.28E-05	0.00488225
<i>RPL8</i>	0.357522	0.084461	4.232968	2.31E-05	0.00488225
<i>ARF5</i>	-0.425702	0.100766	-4.224671	2.39E-05	0.00488225
<i>SUSD3</i>	0.576231	0.136416	4.224075	2.40E-05	0.00488225
<i>UGT8</i>	0.87686	0.207602	4.223757	2.40E-05	0.00488225
<i>NUP210</i>	0.444684	0.105367	4.22032	2.44E-05	0.00488225
<i>DBI</i>	-0.322718	0.076475	-4.219935	2.44E-05	0.00488225
<i>LCN8</i>	3.644744	0.870617	4.18639	2.83E-05	0.005544514
<i>CYB5A</i>	-0.767566	0.184549	-4.159138	3.19E-05	0.006121721
<i>NINJ1</i>	-1.082314	0.26119	-4.143781	3.42E-05	0.006415748
<i>CLEC2D</i>	-0.42138	0.101973	-4.132261	3.59E-05	0.006613734
<i>SLC5A3</i>	-0.534456	0.131281	-4.071085	4.68E-05	0.008450031
<i>GPR65</i>	0.579118	0.142868	4.053528	5.05E-05	0.008938394
<i>INKA1</i>	0.604139	0.149323	4.045864	5.21E-05	0.00906491
<i>ZBTB25</i>	0.524798	0.130158	4.032025	5.53E-05	0.009440941
<i>ENSG00000279483</i>	-0.350686	0.087464	-4.009477	6.09E-05	0.010203814
<i>TNFRSF14</i>	0.290898	0.072707	4.000988	6.31E-05	0.010391356
<i>NSUN7</i>	-1.03129	0.260893	-3.952917	7.72E-05	0.012499074
<i>DYNLL1</i>	0.411037	0.104805	3.921903	8.79E-05	0.013981949
<i>ASF1A</i>	0.571849	0.146569	3.901559	9.56E-05	0.014795111
<i>PIM1</i>	-0.54679	0.140195	-3.9002	9.61E-05	0.014795111
<i>TCL1B</i>	-1.290914	0.331564	-3.89341	9.88E-05	0.014970205
<i>GTF2IRD2</i>	-0.504434	0.130221	-3.873685	0.000107202	0.015978195
<i>TMEM170A</i>	0.448666	0.116308	3.857573	0.000114518	0.01647536
<i>NUFIP2</i>	0.422939	0.109695	3.855601	0.000115446	0.01647536
<i>ZNF350</i>	-0.45989	0.119302	-3.854849	0.000115801	0.01647536
<i>ZFAND2A</i>	-0.53185	0.138426	-3.842116	0.000121978	0.017095139
<i>GRAMD1C</i>	-0.771036	0.201458	-3.827275	0.00012957	0.01789209
<i>NELFE</i>	-0.374344	0.098337	-3.806738	0.000140812	0.019032576
<i>ZNF564</i>	-0.797105	0.209496	-3.804863	0.000141883	0.019032576
<i>EPS15</i>	-0.678831	0.178621	-3.800395	0.000144466	0.019106088
<i>H2AFZ</i>	0.266131	0.070243	3.788698	0.000151439	0.019750181
<i>NOP10</i>	0.199173	0.052859	3.76803	0.000164541	0.021164922
<i>MIR29B2CHG</i>	0.540707	0.144595	3.739462	0.000184415	0.023400737
<i>APOBEC3C</i>	-0.29942	0.080151	-3.735707	0.000187188	0.023435964
<i>KDM4B</i>	0.682874	0.184351	3.704215	0.000212046	0.026160816
<i>YWHAE</i>	0.343801	0.092887	3.701269	0.000214524	0.026160816
<i>DEDD2</i>	0.448125	0.122142	3.668885	0.000243611	0.029327001
<i>FRG1</i>	-0.27148	0.07433	-3.652339	0.000259862	0.030839417
<i>EVI2A</i>	0.596672	0.163494	3.649508	0.000262743	0.030839417
<i>ENSG00000260879</i>	-1.428487	0.39218	-3.642427	0.00027008	NA
<i>TRMT112</i>	0.262871	0.07225	3.638378	0.00027436	0.031805473
<i>DNAJB4</i>	0.912539	0.251043	3.634993	0.000277988	0.031832997
<i>ATF7IP2</i>	-0.543517	0.149881	-3.626315	0.000287494	0.032524966
<i>TNFAIP8L2</i>	0.517053	0.142818	3.620355	0.000294199	0.032887273
<i>ENSG00000254397</i>	1.73244	0.479891	3.610068	0.000306116	0.033816855
<i>RPS9</i>	0.291026	0.080799	3.601869	0.000315938	0.034496028

<i>CMTM7</i>	-0.444415	0.123653	-3.594058	0.000325568	0.035138871
<i>SKAP2</i>	0.312678	0.08711	3.589457	0.000331367	0.035358398
<i>ODF3B</i>	-0.704025	0.196646	-3.580167	0.000343375	0.035826235
<i>RPS5</i>	0.228828	0.06393	3.579355	0.000344443	0.035826235
<i>TXNL4A</i>	-0.438732	0.122644	-3.577273	0.000347198	0.035826235
<i>ORMDL2</i>	-0.381928	0.106964	-3.57061	0.000356151	0.036309812
<i>MRPL28</i>	-0.333947	0.093634	-3.566514	0.000361762	0.036309812
<i>DDB2</i>	-0.486155	0.136359	-3.565268	0.000363485	0.036309812
<i>CD83</i>	-0.390139	0.109527	-3.562039	0.000367985	0.036372415
<i>METTL26</i>	-0.287434	0.081341	-3.533709	0.000409772	0.040080791
<i>THEMIS2</i>	1.146557	0.324875	3.529229	0.000416772	0.040345243
<i>GAPT</i>	0.38751	0.110015	3.522343	0.00042775	0.040468656
<i>MICOS13</i>	-0.256183	0.072784	-3.519775	0.000431913	0.040468656
<i>BCL7C</i>	-0.536615	0.152504	-3.518699	0.000433669	0.040468656
<i>PNPLA8</i>	0.352473	0.1002	3.517711	0.000435286	0.040468656
<i>INTS13</i>	0.65668	0.188391	3.485727	0.000490802	0.044849206
<i>SGK1</i>	-0.956973	0.274652	-3.484314	0.0004934	0.044849206
<i>ZNF688</i>	-0.464641	0.133421	-3.482512	0.000496732	0.044849206
<i>ARL17A</i>	-0.574469	0.165372	-3.473793	0.000513156	0.045890795
<i>YARS</i>	-0.974461	0.280885	-3.469255	0.000521903	0.046232726
<i>GBGT1</i>	0.701681	0.202602	3.463339	0.000533517	0.046411383
<i>THAP9.AS1</i>	-0.613626	0.177185	-3.463193	0.000533805	0.046411383
<i>LINC00638</i>	1.573401	0.45509	3.457337	0.000545542	NA
<i>LPAR5</i>	0.748113	0.216636	3.453321	0.000553731	0.047009118
<i>TMEM141</i>	-0.376051	0.108913	-3.452763	0.000554876	0.047009118
<i>PRDX3</i>	0.379255	0.109854	3.452363	0.000555699	0.047009118
<i>TTC32</i>	-0.632841	0.183627	-3.446337	0.000568241	0.047269271
<i>CDKN1A</i>	-0.581922	0.168963	-3.44409	0.000572986	0.047269271
<i>ZNF91</i>	0.394216	0.114476	3.44367	0.000573876	0.047269271
<i>CDC42</i>	-0.410693	0.119491	-3.437033	0.000588125	0.048021683
<i>WNT10A</i>	-0.970705	0.283539	-3.423537	0.000618117	0.050035525
<i>ENSG00000254614</i>	-0.753886	0.220615	-3.417195	0.000632699	0.050736973
<i>KRCC1</i>	0.347691	0.101863	3.413326	0.000641751	0.050736973
<i>MT1X</i>	-1.355045	0.397048	-3.412799	0.000642993	0.050736973
<i>ENSG00000267002</i>	0.419032	0.122934	3.408591	0.000652993	0.051096713
<i>TAGLN2</i>	-0.334047	0.098089	-3.405563	0.000660278	0.051239728
<i>STARD10</i>	-0.533181	0.156871	-3.398851	0.000676697	0.051894883
<i>ATF2</i>	0.52874	0.155621	3.39761	0.000679773	0.051894883
<i>SOAT1</i>	0.662492	0.195159	3.394624	0.000687229	0.052040985
<i>NDUFB7</i>	-0.273641	0.080731	-3.389543	0.000700093	0.052590966
<i>ZKSCAN1</i>	-0.376423	0.111438	-3.377865	0.000730508	0.053362415
<i>ZNF860</i>	0.645387	0.191179	3.375817	0.000735968	0.053362415
<i>TSC22D1</i>	-0.646647	0.191589	-3.375176	0.000737684	0.053362415
<i>CRK</i>	0.445801	0.132207	3.371982	0.000746292	0.053362415
<i>ENSG00000224505</i>	-0.389297	0.115471	-3.371386	0.00074791	0.053362415
<i>FKBP5</i>	1.225567	0.363773	3.369044	0.000754293	0.053362415
<i>CDCA4</i>	0.589569	0.175057	3.367867	0.000757522	0.053362415

<i>AKAP13</i>	0.225168	0.066866	3.367451	0.000758666	0.053362415
<i>UROD</i>	-0.377402	0.112108	-3.366419	0.000761508	0.053362415
<i>RENBP</i>	0.758214	0.225797	3.357946	0.000785239	0.054617722
<i>FANCL</i>	0.743954	0.221754	3.354855	0.000794066	0.054825597
<i>EGLN2</i>	0.407101	0.12175	3.343738	0.000826579	0.056653844
<i>ROCK1</i>	0.27931	0.083615	3.340449	0.00083643	0.056913626
<i>ENSG00000237596</i>	-0.929469	0.279221	-3.328788	0.000872246	0.058546903
<i>IL23A</i>	-1.068503	0.321089	-3.327751	0.0008755	0.058546903
<i>ENSG00000273319</i>	0.580923	0.174659	3.326042	0.000880886	0.058546903
<i>MICAL1</i>	-0.646335	0.194408	-3.324625	0.000885374	0.058546903
<i>NFKBIE</i>	-0.436676	0.131566	-3.319074	0.000903165	0.059236291
<i>BLNK</i>	0.257367	0.077646	3.31463	0.000917646	0.059236291
<i>MYBL2</i>	-1.852426	0.558952	-3.314105	0.00091937	NA
<i>RPL30</i>	0.153139	0.046209	3.314045	0.000919569	0.059236291
<i>HLA.A</i>	-0.463547	0.139892	-3.3136	0.000921033	0.059236291
<i>HHIP.AS1</i>	-2.030877	0.614239	-3.306327	0.000945276	NA
<i>MFS13A</i>	-0.961639	0.291074	-3.303764	0.000953961	0.060936709
<i>SPINT2</i>	-0.280067	0.084863	-3.300236	0.000966036	0.061291046
<i>LIMD2</i>	-0.236235	0.071842	-3.288253	0.001008114	0.063531451
<i>FGL2</i>	-1.625232	0.494597	-3.285975	0.001016301	NA
<i>EYA3</i>	0.756162	0.230172	3.285209	0.001019066	0.063793522
<i>PILRB</i>	0.721077	0.219838	3.280029	0.001037964	0.064546227
<i>GPR137</i>	-0.59461	0.181538	-3.275396	0.00105514	0.064871871
<i>PYROXD1</i>	-0.56969	0.174027	-3.273581	0.001061941	0.064871871
<i>RAF1</i>	0.37146	0.11349	3.273051	0.001063934	0.064871871
<i>TCP1</i>	0.297048	0.090806	3.271223	0.001070835	0.064871871
<i>HMGB3</i>	-1.141141	0.348875	-3.270915	0.001072001	NA
<i>COMMD3</i>	-0.344209	0.105288	-3.269206	0.001078499	0.064917329
<i>ENSG00000254837</i>	1.194193	0.365596	3.266425	0.001089147	NA
<i>CRIP1</i>	0.417244	0.127995	3.259845	0.001114731	0.066670854
<i>ZC3H12D</i>	-0.647001	0.198631	-3.257304	0.00112476	0.066844912
<i>CASP4</i>	0.243324	0.074754	3.255009	0.001133887	0.066963505
<i>NAB2</i>	1.055125	0.325418	3.242363	0.00118543	0.069500561
<i>ZFYVE26</i>	0.924577	0.285381	3.239798	0.001196144	0.069500561
<i>CHP1</i>	-0.339326	0.104814	-3.237403	0.00120623	0.069500561
<i>TSN</i>	-0.340065	0.105104	-3.235495	0.001214322	0.069500561
<i>ENSG00000278834</i>	-1.04798	0.32401	-3.234401	0.001218984	NA
<i>RHOBTB2</i>	0.965666	0.298631	3.23364	0.001222235	0.069500561
<i>SERPINI1</i>	1.024205	0.316875	3.232202	0.001228401	0.069500561
<i>ADAMTS6</i>	0.972409	0.300856	3.232143	0.001228657	0.069500561
<i>RHOH</i>	0.246444	0.076412	3.225203	0.001258833	0.070525326
<i>CCT8</i>	0.456192	0.141476	3.22453	0.001261795	0.070525326
<i>MTPN</i>	0.256935	0.079766	3.221124	0.001276889	0.070946669
<i>ENSG00000166927</i>	-1.03188	0.322399	-3.200628	0.001371285	0.075743323
<i>ENSG00000268858</i>	-0.878811	0.275171	-3.193692	0.00140466	0.076852121
<i>NRL</i>	-1.502583	0.470491	-3.193651	0.001404856	NA
<i>PTGES2</i>	-0.47533	0.148863	-3.193062	0.001407728	0.076852121

<i>ENSG00000239636</i>	-0.804073	0.252183	-3.188455	0.001430353	0.077600443
<i>DNAJB1</i>	0.524837	0.164685	3.18692	0.001437963	0.077600443
<i>DAP</i>	-0.650767	0.204534	-3.181714	0.001464065	0.07855755
<i>C6orf203</i>	0.546628	0.172073	3.176724	0.001489487	0.079016803
<i>CUTC</i>	-0.397087	0.125	-3.1767	0.001489612	0.079016803
<i>SCRN1</i>	0.926439	0.291783	3.175096	0.001497869	0.079016803
<i>EIF4A2</i>	0.178043	0.056194	3.168354	0.00153305	0.080420886
<i>RFTN1</i>	-0.468597	0.148154	-3.16291	0.001562008	0.081484733
<i>IZUMO4</i>	-0.566745	0.179396	-3.159177	0.001582154	0.082079726
<i>CFAP410</i>	-0.374775	0.11879	-3.15495	0.001605256	0.082820627
<i>PTPMT1</i>	-0.340336	0.107957	-3.152527	0.001618637	0.083054652
<i>POGZ</i>	0.363958	0.115919	3.13976	0.001690861	0.085895694
<i>ROGDI</i>	-0.612072	0.195131	-3.136717	0.001708507	0.085895694
<i>SYNJ2BP</i>	0.339509	0.108268	3.135821	0.001713736	0.085895694
<i>ENSG00000237491</i>	-0.670294	0.213783	-3.135387	0.001716273	0.085895694
<i>MAML3</i>	-1.034544	0.33002	-3.134795	0.001719743	0.085895694
<i>RBBP8</i>	-0.770184	0.246901	-3.119408	0.001812148	0.089963196
<i>ATP6V1C2</i>	-2.14975	0.689292	-3.118777	0.001816033	NA
<i>SMCR8</i>	0.610329	0.195739	3.118079	0.001820342	0.089963196
<i>JADE1</i>	0.35726	0.114949	3.107975	0.001883742	0.091571792
<i>JMJD6</i>	0.654045	0.210452	3.107816	0.001884753	0.091571792
<i>TNFSF10</i>	0.582584	0.187465	3.107699	0.001885501	0.091571792
<i>PPCS</i>	-0.241844	0.077846	-3.106698	0.001891899	0.091571792
<i>CTNNBIP1</i>	-1.011588	0.325967	-3.103348	0.001913445	0.092049805
<i>BOLA2B</i>	-0.611408	0.197093	-3.102123	0.00192138	0.092049805
<i>FGFBP3</i>	-1.060911	0.342838	-3.094493	0.001971496	NA
<i>PXMP2</i>	-0.680085	0.219864	-3.093201	0.001980102	0.094381518
<i>TCOF1</i>	-0.406225	0.13149	-3.089393	0.002005657	0.094649807
<i>BBX</i>	0.242398	0.078462	3.089359	0.00200589	0.094649807
<i>MCRIP1</i>	-0.223996	0.072687	-3.081656	0.002058528	0.096647869
<i>ZNF253</i>	0.521255	0.169349	3.077994	0.002083992	0.097356644
<i>CYB561D2</i>	-0.37341	0.121481	-3.073813	0.002113416	0.098242473
<i>ZNF442</i>	-1.370983	0.446494	-3.070549	0.002136657	NA
<i>TMEM179B</i>	-0.317544	0.103449	-3.069581	0.002143595	0.099078874
<i>SRSF5</i>	-0.173124	0.056423	-3.06834	0.002152512	0.099078874
<i>UTRN</i>	0.396235	0.129255	3.065539	0.002172783	0.099524074
<i>PCIF1</i>	-0.494578	0.161724	-3.058156	0.002227038	0.101514031
<i>FGFR1OP2</i>	0.337413	0.110454	3.054776	0.002252284	0.102065614
<i>CD180</i>	0.60242	0.19728	3.053634	0.002260878	0.102065614
<i>METTL7A</i>	0.358239	0.117513	3.048501	0.002299864	0.10273556
<i>FMNL2</i>	-1.869366	0.613231	-3.048387	0.002300733	NA
<i>ENSG00000282988</i>	0.803505	0.263897	3.044768	0.002328598	0.10273556
<i>PFN1</i>	-0.189443	0.062225	-3.044463	0.002330959	0.10273556
<i>YIPF6</i>	-0.43366	0.142462	-3.044046	0.002334191	0.10273556
<i>IGHG1</i>	1.111677	0.365289	3.043277	0.002340167	0.10273556
<i>POLR2E</i>	-0.248482	0.081654	-3.043123	0.002341364	0.10273556
<i>SLC3A2</i>	-0.408761	0.134551	-3.037966	0.002381811	0.104024218

<i>RMND5A</i>	0.536121	0.177	3.028926	0.002454244	0.106659345
<i>SETD1B</i>	0.690387	0.228029	3.027622	0.002464865	0.106659345
<i>ZBTB20</i>	0.31137	0.10309	3.020378	0.002524593	0.108287638
<i>ADO</i>	-0.734679	0.24325	-3.020262	0.002525558	0.108287638
<i>ICA1L</i>	-0.474282	0.15751	-3.011118	0.002602879	0.110822514
<i>RAB11A</i>	-0.199029	0.066112	-3.010488	0.002608283	0.110822514
<i>POLH</i>	0.524935	0.175031	2.999092	0.002707857	0.113973575
<i>CHTOP</i>	0.247792	0.082648	2.998179	0.002715984	0.113973575
<i>AKAP2</i>	-0.704735	0.23508	-2.997856	0.002718858	0.113973575
<i>DUSP12</i>	-0.3299	0.110253	-2.992208	0.002769675	0.115587751
<i>LRIF1</i>	0.346047	0.115728	2.990174	0.002788188	0.11584551
<i>ZC3H6</i>	0.425917	0.142588	2.98705	0.002816835	0.116520191
<i>PTMS</i>	-1.661519	0.556945	-2.983272	0.002851847	NA
<i>ADA</i>	-0.572731	0.192011	-2.982805	0.002856203	0.117630466
<i>MRPL32</i>	0.39143	0.131713	2.97184	0.002960206	0.120475892
<i>TBC1D10A</i>	0.473991	0.159511	2.971531	0.002963187	0.120475892
<i>COL19A1</i>	-0.483238	0.162783	-2.968605	0.002991553	0.120475892
<i>MAP7D1</i>	-0.42946	0.144672	-2.968521	0.002992367	0.120475892
<i>ASPCR1</i>	-0.462098	0.15567	-2.968452	0.002993043	0.120475892
<i>FAM41C</i>	-0.810986	0.273307	-2.967308	0.0030042	0.120475892
<i>TMEM208</i>	-0.324331	0.109361	-2.96569	0.003020051	0.120475892
<i>CLECL1</i>	1.516478	0.512001	2.961869	0.003057781	0.120475892
<i>SYNC</i>	-0.502881	0.169819	-2.961275	0.003063685	0.120475892
<i>FXYD2</i>	-1.035424	0.349836	-2.959736	0.003079027	0.120475892
<i>LRRC61</i>	-0.667859	0.2257	-2.959056	0.003085833	0.120475892
<i>BRK1</i>	-0.195204	0.065973	-2.958862	0.003087776	0.120475892
<i>MTHFR</i>	0.581089	0.196481	2.957478	0.003101665	0.120475892
<i>PDE6D</i>	-0.418857	0.141642	-2.957155	0.003104916	0.120475892
<i>RPS6KB2</i>	-0.271591	0.092002	-2.952023	0.003156998	0.121768294
<i>DUSP22</i>	-0.355981	0.120618	-2.951323	0.00316416	0.121768294
<i>TSEN15</i>	-0.507926	0.172267	-2.948473	0.003193478	0.121987831
<i>NDUFS8</i>	-0.231341	0.078467	-2.948244	0.003195847	0.121987831
<i>TUBB4B</i>	0.373356	0.126958	2.940785	0.003273816	0.124050513
<i>FCRL3</i>	-1.024275	0.348328	-2.940549	0.003276307	0.124050513
<i>ETS2</i>	-1.290828	0.438984	-2.940493	0.003276906	NA
<i>IL21R</i>	-0.623476	0.212223	-2.937831	0.00330517	0.124640764
<i>C1orf43</i>	0.242806	0.082825	2.931542	0.003372838	0.12543106
<i>LRIG1</i>	-0.754339	0.257342	-2.931266	0.003375835	0.12543106
<i>FNTA</i>	0.250265	0.085381	2.931163	0.003376958	0.12543106
<i>ALDH9A1</i>	0.388372	0.132508	2.930924	0.003379559	0.12543106
<i>DNAAF4</i>	-1.619068	0.553301	-2.926198	0.003431325	0.126386548
<i>FXYD7</i>	0.703499	0.240465	2.925578	0.003438169	0.126386548
<i>PRICKLE1</i>	0.595171	0.203535	2.924164	0.003453827	0.126386548
<i>ENSG00000225963</i>	0.92584	0.316896	2.921584	0.003482563	0.126386548
<i>STAM2</i>	0.679355	0.232566	2.921126	0.003487689	0.126386548
<i>RPL24</i>	0.173892	0.059538	2.920676	0.003492725	0.126386548
<i>GDF11</i>	0.450888	0.15441	2.920071	0.003499521	0.126386548

<i>VPREB1</i>	-1.814691	0.622183	-2.916651	0.003538109	0.127290575
<i>FBXO4</i>	-0.485592	0.166634	-2.914124	0.003566886	0.127836097
<i>IER3</i>	-1.127319	0.387392	-2.910022	0.003614029	NA
<i>FAM177B</i>	0.623079	0.21412	2.90995	0.003614866	0.12804914
<i>XIAP</i>	0.427322	0.146857	2.909788	0.003616737	0.12804914
<i>DFFB</i>	0.895908	0.307937	2.90939	0.003621348	NA
<i>ORMDL3</i>	-0.449711	0.154599	-2.908879	0.003627274	0.12804914
<i>TMEM243</i>	0.236022	0.081139	2.90887	0.003627377	0.12804914
<i>SIGLEC5</i>	1.555229	0.53558	2.903822	0.003686377	NA
<i>CHMP5</i>	0.267365	0.092107	2.902757	0.003698938	0.130086256
<i>DCAF13</i>	0.368919	0.12725	2.899167	0.003741551	0.131093911
<i>TAPBP</i>	-0.299784	0.103476	-2.897133	0.003765895	0.131456344
<i>RNF43</i>	-0.801607	0.276826	-2.895709	0.00378303	0.131565361
<i>LY9</i>	0.458417	0.158422	2.893642	0.003808016	0.13194565
<i>H1FX</i>	-0.888601	0.307293	-2.891704	0.003831588	0.132274298
<i>POLE3</i>	-0.306222	0.105942	-2.890461	0.003846771	0.13231201
<i>RPS28</i>	0.183031	0.06341	2.886489	0.003895659	0.133504528
<i>PIGX</i>	-0.552344	0.191528	-2.883888	0.00392798	0.134122646
<i>TPM4</i>	0.314647	0.109189	2.881684	0.003955564	0.134575166
<i>POR</i>	-0.464993	0.161732	-2.875081	0.004039241	0.136568436
<i>GDI1</i>	0.311317	0.108293	2.874768	0.00404324	0.136568436
<i>PTGIR</i>	-1.387579	0.48322	-2.871528	0.004084922	0.137481772
<i>LINC01991</i>	-1.107371	0.385675	-2.871256	0.004088437	NA
<i>EIF5</i>	0.184059	0.064222	2.865981	0.004157195	0.139269814
<i>LYRM2</i>	-0.277301	0.096783	-2.865181	0.004167712	0.139269814
<i>RPL19</i>	0.118167	0.041297	2.861415	0.00421754	0.140435103
<i>AIM2</i>	1.751814	0.613558	2.855174	0.004301326	NA
<i>IFIT2</i>	0.533366	0.186818	2.854997	0.00430373	0.142798664
<i>TDG</i>	0.323483	0.113422	2.852035	0.004344033	0.143529531
<i>RBM43</i>	-0.632853	0.221965	-2.851136	0.004356328	0.143529531
<i>ENSG00000272277</i>	-1.05399	0.369818	-2.850019	0.004371657	NA
<i>PIGF</i>	0.53759	0.188804	2.847344	0.004408572	0.144572504
<i>LINC00662</i>	0.298325	0.1048	2.846608	0.004418776	0.144572504
<i>TTC21A</i>	0.337012	0.118777	2.837341	0.004549103	0.148003859
<i>HLA.C</i>	-0.485777	0.171234	-2.836915	0.004555177	0.148003859
<i>ENSG00000280433</i>	-0.894275	0.315624	-2.833357	0.004606196	0.149145451
<i>ENSG00000273145</i>	-1.583334	0.559347	-2.830684	0.004644856	NA
<i>SMIM2.AS1</i>	-2.109612	0.745598	-2.829422	0.004663222	NA
<i>PDCL3</i>	-0.50087	0.177037	-2.829185	0.004666677	0.150584541
<i>GALNT2</i>	-0.415248	0.147154	-2.82185	0.004774757	0.153278685
<i>LAMC1</i>	1.018833	0.361121	2.821309	0.004782817	0.153278685
<i>CREBRF</i>	0.287077	0.101849	2.818651	0.004822591	0.154027667
<i>BIN1</i>	0.317453	0.112798	2.814354	0.004887532	0.155344062
<i>ST13</i>	0.134099	0.047659	2.813739	0.004896895	0.155344062
<i>IL16</i>	0.243047	0.08642	2.812392	0.004917455	0.155471063
<i>TRMT13</i>	0.341244	0.121396	2.810989	0.004938948	0.155626591
<i>SLC16A7</i>	0.420343	0.149638	2.809067	0.004968526	0.156034965

SAFB	0.312617	0.111345	2.807648	0.004990476	0.156201886
TAGAP	-0.396166	0.141493	-2.799898	0.005111882	0.159470348
YWHAG	0.39984	0.143094	2.794255	0.005201947	0.160496171
PPM1K	0.197311	0.07062	2.794004	0.00520599	0.160496171
EFCAB11	-0.694267	0.248488	-2.793971	0.005206511	0.160496171
CFAP73	-1.323146	0.473663	-2.793435	0.005215155	0.160496171
SCN3A	1.542525	0.552389	2.792461	0.005230875	NA
PPP1R15A	-0.581857	0.208493	-2.790768	0.005258307	0.160496171
NDUFS7	-0.208876	0.074848	-2.790673	0.005259853	0.160496171
LINC02422	0.65955	0.236448	2.789406	0.005280481	0.160496171
OCLN	-0.817582	0.293171	-2.788753	0.005291143	0.160496171
SNRPA1	-0.301484	0.108125	-2.788297	0.005298596	0.160496171
CHL1	1.339659	0.480531	2.787873	0.005305528	NA
SNAP23	-0.230134	0.082667	-2.78386	0.005371628	0.162185163
NDUFB11	0.280297	0.100732	2.782586	0.005392753	0.162301123
SLAMF1	0.468927	0.168596	2.781372	0.005412967	0.162389003
COL9A3	-1.00434	0.361582	-2.777629	0.005475705	0.163246405
TMEM99	0.609994	0.219613	2.777593	0.005476317	0.163246405
TMEM205	-0.348325	0.125555	-2.774279	0.005532424	0.164397032
DHPS	0.232991	0.084027	2.772821	0.005557261	0.164489914
ENSG00000259943	-0.619443	0.223461	-2.772042	0.005570585	0.164489914
KLHDC7B	-0.921422	0.333223	-2.765184	0.005689065	0.166407883
SREBF2.AS1	-0.692699	0.250569	-2.764501	0.005700996	0.166407883
CEP104	0.389294	0.140822	2.764452	0.005701853	0.166407883
SMIM4	-0.41057	0.148559	-2.763693	0.005715121	0.166407883
PODXL2	-1.312078	0.474882	-2.762957	0.005728028	NA
FAAP24	-0.749711	0.271374	-2.762652	0.005733388	0.166407883
TAX1BP3	-0.360475	0.130504	-2.762169	0.005741869	0.166407883
FCGR2B	0.804798	0.291929	2.756825	0.005836552	0.16821394
RETEG1	-0.659536	0.239382	-2.755157	0.005866391	0.16821394
POLR2B	-0.274625	0.099727	-2.753771	0.005891296	0.16821394
PPP1R35	-0.549201	0.199467	-2.753344	0.005898985	0.16821394
DMAC2L	-0.260385	0.094571	-2.753333	0.005899194	0.16821394
ENSG00000272606	-0.505394	0.183603	-2.752641	0.005911672	0.16821394
MRPL50	0.294232	0.106988	2.750146	0.005956875	0.168988095
MRPL23	-0.281482	0.102476	-2.746807	0.006017852	0.170203696
ZBTB16	1.855098	0.676434	2.742466	0.006097971	0.171553146
ADAL	-0.516844	0.188475	-2.742244	0.006102103	0.171553146
PPP1R16B	0.371481	0.135543	2.740693	0.00613098	0.171850446
ENSG00000262580	1.188904	0.433851	2.740349	0.006137398	NA
MPND	-1.084342	0.395719	-2.740179	0.006140568	NA
C1GALT1	0.368354	0.134645	2.735747	0.006223882	0.173935261
SELENOW	-0.372056	0.136133	-2.733036	0.006275346	0.174117038
SRSF10	0.190367	0.069664	2.732647	0.006282761	0.174117038
DUSP14	0.64163	0.234835	2.732255	0.00629025	0.174117038
HMGXB4	-0.40231	0.147301	-2.731219	0.006310061	0.174117038
VOPP1	-0.328164	0.120183	-2.730538	0.0063231	0.174117038



<i>CIRBP</i>	-0.175971	0.064559	-2.725738	0.006415795	0.176152962
<i>RWDD2A</i>	-0.873893	0.321161	-2.721039	0.0065077	NA
<i>ZNF721</i>	-0.322834	0.118717	-2.719352	0.006541003	0.178631109
<i>HERC2</i>	-0.319741	0.117587	-2.719195	0.0065441	0.178631109
<i>C9orf72</i>	-0.449174	0.165301	-2.717309	0.006581522	0.179131849
<i>TNFRSF17</i>	1.265323	0.465922	2.715739	0.006612811	0.179291827
<i>TMEM140</i>	0.413952	0.15247	2.714981	0.00662796	0.179291827
<i>ZNF557</i>	0.474963	0.174995	2.714146	0.006644681	0.179291827
<i>AGAP9</i>	1.524093	0.561719	2.713267	0.006662339	NA
<i>ATP6V0E2</i>	-0.673254	0.248239	-2.712121	0.006685427	0.179874381
<i>ZNF628</i>	-1.364092	0.503248	-2.710576	0.00671664	NA
<i>RPL9</i>	0.15455	0.057057	2.708717	0.006754389	0.181210599
<i>OPTN</i>	-0.736532	0.272036	-2.707474	0.006779731	0.181372292
<i>XXYL1.AS2</i>	1.133009	0.418782	2.705485	0.006820481	0.18194407
<i>RAB11FIP2</i>	-0.457953	0.169364	-2.703959	0.006851875	0.182263754
<i>TCTN1</i>	-0.798005	0.296151	-2.694588	0.007047575	0.186919045
<i>ENSG00000262292</i>	0.711962	0.264535	2.691373	0.007115869	0.186919045
<i>RPS23</i>	0.139149	0.051706	2.691125	0.007121148	0.186919045
<i>PFKP</i>	-0.763444	0.283779	-2.690277	0.007139276	0.186919045
<i>NT5E</i>	0.668207	0.248467	2.689315	0.00715989	0.186919045
<i>AGMAT</i>	0.729028	0.271131	2.688842	0.007170028	0.186919045
<i>PARP9</i>	0.561489	0.208945	2.68725	0.007204308	0.186919045
<i>GLS</i>	0.407385	0.151604	2.687164	0.007206162	0.186919045
<i>PHKG1</i>	-0.524366	0.195146	-2.687038	0.007208882	0.186919045
<i>RPL35A</i>	0.15235	0.056743	2.68492	0.007254726	0.186919045
<i>PFDN2</i>	0.222657	0.082933	2.684795	0.007257424	0.186919045
<i>EMP3</i>	-0.344669	0.128397	-2.684412	0.007265756	0.186919045
<i>MED23</i>	-0.482284	0.17982	-2.682037	0.007317539	0.187736858
<i>AAK1</i>	-0.913817	0.341002	-2.679797	0.007366692	0.187826387
<i>TMEM60</i>	0.330271	0.123274	2.679162	0.007380657	0.187826387
<i>ZNF830</i>	0.281757	0.105196	2.678408	0.007397305	0.187826387
<i>LILRB1</i>	0.414567	0.154827	2.67761	0.007414945	0.187826387
<i>XRR1</i>	-0.65964	0.246379	-2.677335	0.007421043	0.187826387
<i>CENPS</i>	-0.494336	0.184813	-2.67479	0.007477606	0.188455976
<i>SYNE2</i>	-0.37654	0.140794	-2.674411	0.007486057	0.188455976
<i>CLCF1</i>	0.531298	0.19874	2.673329	0.007510254	0.188559576
<i>IFT57</i>	0.448623	0.168013	2.670165	0.007581398	0.189576885
<i>TNFAIP8</i>	0.300739	0.112654	2.669578	0.00759466	0.189576885
<i>ZNF816</i>	0.618176	0.231627	2.668841	0.00761134	0.189576885
<i>LONP2</i>	-0.260358	0.097594	-2.66777	0.00763566	0.189679492
<i>ZC3H7A</i>	-0.467025	0.175312	-2.663961	0.007722649	0.191334235
<i>PDPK1</i>	0.372638	0.139957	2.662519	0.007755812	0.191380149
<i>TMEM14B</i>	-0.30359	0.114071	-2.661402	0.00778159	0.191380149
<i>BAG2</i>	0.672967	0.252885	2.661154	0.007787341	0.191380149
<i>COG3</i>	-0.481723	0.18108	-2.66027	0.007807795	0.191380149
<i>PTP4A1</i>	-0.382614	0.143869	-2.659468	0.007826409	0.191380149
<i>GSTO1</i>	0.295132	0.111172	2.654724	0.007937331	0.193588409

<i>IL18BP</i>	-1.472422	0.555331	-2.651432	0.008015117	NA
<i>NAA50</i>	-0.258821	0.097628	-2.651091	0.008023231	0.195141217
<i>ZNRD2</i>	-0.281016	0.106033	-2.650278	0.008042561	0.195141217
<i>CCDC191</i>	-0.817398	0.308659	-2.648222	0.008091639	0.195826
<i>SUGCT</i>	-2.789715	1.055027	-2.644213	0.008188119	NA
<i>RDH5</i>	0.497628	0.188221	2.643855	0.008196778	0.197860524
<i>ZNF322</i>	0.474622	0.179611	2.642502	0.008229588	0.198107503
<i>BCL6</i>	-0.491069	0.185892	-2.641696	0.008249205	0.198107503
<i>PSMB10</i>	-0.343732	0.130202	-2.640003	0.008290534	0.198586326
<i>TPI1</i>	-0.171074	0.064855	-2.637797	0.00834466	0.198586326
<i>ZNF568</i>	0.468811	0.177746	2.637524	0.008351367	0.198586326
<i>PSMA4</i>	-0.190331	0.072165	-2.637428	0.008353738	0.198586326
<i>ENSG00000216895</i>	-0.528582	0.200521	-2.636038	0.008388044	0.198898306
<i>ENSG00000271746</i>	-1.420261	0.539478	-2.63266	0.008471916	NA
<i>ZNF595</i>	0.829007	0.314926	2.632385	0.008478775	0.200543308
<i>GID8</i>	-0.272751	0.103674	-2.630866	0.00851677	0.20093586
<i>CLTA</i>	0.188596	0.071713	2.629872	0.008541706	0.201019106
<i>HAUS3</i>	0.517933	0.197188	2.62659	0.00862453	0.201088846
<i>TMX4</i>	-0.324487	0.123569	-2.625954	0.00864065	0.201088846
<i>TSPAN33</i>	-0.421031	0.16035	-2.6257	0.008647111	0.201088846
<i>OTUD1</i>	0.59483	0.226624	2.624737	0.008671582	0.201088846
<i>RHBDD2</i>	-0.354183	0.135	-2.623582	0.008701038	0.201088846
<i>SNHG9</i>	-0.333345	0.127091	-2.622893	0.008718673	0.201088846
<i>NUAK2</i>	-0.290662	0.110839	-2.62237	0.008732061	0.201088846
<i>LINC01215</i>	-0.326311	0.124455	-2.621925	0.008743464	0.201088846
<i>GPX1</i>	-0.24121	0.092023	-2.621196	0.008762199	0.201088846
<i>MAGEH1</i>	-0.497388	0.189823	-2.620271	0.008785995	0.201088846
<i>SMAP2</i>	-0.298928	0.114122	-2.619371	0.008809209	0.201088846
<i>ELOB</i>	-0.167336	0.063906	-2.618498	0.00883178	0.201088846
<i>ZNF213.AS1</i>	-0.62556	0.238914	-2.618351	0.00883558	0.201088846
<i>LETMD1</i>	0.270743	0.103416	2.618008	0.008844483	0.201088846
<i>VSIR</i>	-0.774977	0.296121	-2.617095	0.008868159	0.201140117
<i>DDX6</i>	-0.348896	0.133408	-2.615256	0.00891605	0.201628635
<i>ZNF267</i>	-0.436942	0.167138	-2.614258	0.008942155	0.201628635
<i>SNHG32</i>	0.193928	0.07421	2.613222	0.008969295	0.201628635
<i>HSPH1</i>	0.395268	0.151308	2.612338	0.008992535	0.201628635
<i>TPMT</i>	-0.580867	0.222426	-2.611503	0.009014509	0.201628635
<i>TTC9C</i>	0.301035	0.115325	2.610325	0.009045619	0.201628635
<i>LDHA</i>	-0.32796	0.12566	-2.609904	0.009056773	0.201628635
<i>CYC1</i>	-0.239816	0.091893	-2.609726	0.009061479	0.201628635
<i>SORD</i>	-0.546811	0.209621	-2.608569	0.009092158	0.201833014
<i>MVP</i>	-0.420726	0.16137	-2.607211	0.00912832	0.202099302
<i>LIPT1</i>	0.496987	0.190679	2.606411	0.009149669	0.202099302
<i>HAUS8</i>	0.490332	0.188177	2.605698	0.009168722	0.202099302
<i>SF1</i>	-0.201569	0.077442	-2.60285	0.009245241	0.203050879
<i>ELF1</i>	0.244474	0.094003	2.600702	0.009303324	0.203050879
<i>BET1</i>	0.345708	0.132979	2.599709	0.009330286	0.203050879

<i>RPL7L1</i>	0.194288	0.074746	2.599316	0.009340981	0.203050879
<i>C2orf42</i>	0.531729	0.204565	2.599311	0.009341113	0.203050879
<i>NME2</i>	-0.885503	0.340671	-2.599292	0.009341638	0.203050879
<i>RFX1</i>	0.330303	0.127124	2.598269	0.009369507	0.203186316
<i>ENSG00000257354</i>	-0.714341	0.275084	-2.596809	0.009409434	0.203581997
<i>FRY.AS1</i>	-1.437212	0.553805	-2.595157	0.009454761	NA
<i>MFNG</i>	0.350123	0.134983	2.593837	0.009491134	0.204877577
<i>RPL38</i>	0.150979	0.058283	2.590456	0.009584899	0.206427069
<i>EIPR1</i>	-0.391308	0.151129	-2.58924	0.009618804	0.206683218
<i>PTPRS</i>	1.54415	0.597224	2.585544	0.009722537	0.208017312
<i>ENSG00000267458</i>	-1.419959	0.549212	-2.58545	0.009725197	0.208017312
<i>GLUL</i>	-0.563213	0.21791	-2.584611	0.00974889	0.208050169
<i>CCT5</i>	0.335435	0.129866	2.582934	0.009796415	0.208079446
<i>CTH</i>	1.411147	0.546348	2.582871	0.009798204	NA
<i>RCC1</i>	0.409393	0.158526	2.5825	0.009808743	0.208079446
<i>ASB16.AS1</i>	0.396384	0.153572	2.581099	0.009848626	0.208079446
<i>PHF21A</i>	-0.316506	0.122646	-2.580647	0.009861543	0.208079446
<i>HSPBAP1</i>	-0.783509	0.303669	-2.580147	0.009875837	0.208079446
<i>TIMM10</i>	-0.365184	0.141569	-2.579545	0.00989306	0.208079446
<i>RNF34</i>	0.327712	0.127083	2.578734	0.009916308	0.208079446
<i>NDUFB10</i>	-0.196159	0.076091	-2.57796	0.00993856	0.208079446
<i>SLC37A3</i>	0.653456	0.253589	2.576835	0.009970958	0.208079446
<i>MAVS</i>	0.340464	0.132127	2.576804	0.009971858	0.208079446
<i>AP1S1</i>	-0.355763	0.138254	-2.57326	0.010074557	0.209756306
<i>POLR2J</i>	-0.179786	0.069895	-2.572241	0.010104249	0.209909066
<i>PRMT7</i>	0.5307	0.20649	2.570096	0.010167026	0.210746954
<i>BLOC1S1</i>	-0.17318	0.067506	-2.565394	0.010305858	0.213154189
<i>PRDM8</i>	-0.770938	0.300827	-2.562726	0.010385394	0.213924413
<i>ERP29</i>	0.152301	0.059442	2.562178	0.010401814	0.213924413
<i>CUX1</i>	-0.349117	0.136333	-2.560769	0.010444071	0.213924413
<i>MRPS15</i>	-0.242209	0.094593	-2.560547	0.010450762	0.213924413
<i>TAF10</i>	-0.550206	0.214896	-2.560339	0.010457008	0.213924413
<i>SAFB2</i>	0.244349	0.095469	2.559464	0.010483382	0.213997733
<i>TLR7</i>	0.78002	0.304912	2.558184	0.010522047	0.214056319
<i>MED6</i>	-0.314018	0.122766	-2.55786	0.010531844	0.214056319
<i>ZNF714</i>	0.599237	0.234595	2.554341	0.010638897	0.215765096
<i>GLMN</i>	-0.393196	0.15413	-2.551077	0.010739049	0.217215091
<i>MPHOSPH8</i>	0.156331	0.061294	2.550506	0.010756658	0.217215091
<i>TRIM69</i>	0.402412	0.158003	2.546864	0.010869577	0.219024307
<i>PHF23</i>	0.331322	0.130311	2.542546	0.011004814	0.2212158
<i>MAP3K8</i>	-0.544835	0.214346	-2.54185	0.011026753	0.2212158
<i>TOMM20</i>	0.175173	0.068945	2.540749	0.011061522	0.2212158
<i>WASHC1</i>	-0.461397	0.181641	-2.540154	0.011080366	0.2212158
<i>MT.CO1</i>	0.224598	0.088436	2.539657	0.011096128	0.2212158
<i>HLA.G</i>	-1.937256	0.763262	-2.538126	0.011144792	NA
<i>GIMAP2</i>	0.489658	0.192924	2.538095	0.011145774	0.221734785
<i>KCTD7</i>	0.496738	0.195813	2.536796	0.011187224	0.222088856

<i>PRKRA</i>	-0.255192	0.100626	-2.536053	0.011210987	0.222091066
<i>KCTD3</i>	-1.225784	0.483854	-2.533377	0.011296931	NA
<i>BZW1</i>	-0.226015	0.089232	-2.532887	0.011312743	0.223220306
<i>UQCRH</i>	0.158358	0.062527	2.532627	0.011321147	0.223220306
<i>SPATA2L</i>	0.559054	0.22079	2.532065	0.011339306	0.223220306
<i>MED14OS</i>	-0.787357	0.311081	-2.531035	0.011372639	0.22340812
<i>KPNB1</i>	0.215964	0.085393	2.529051	0.011437143	0.223543046
<i>CCDC138</i>	-0.693338	0.274161	-2.528941	0.01144073	0.223543046
<i>FBXO28</i>	0.596044	0.235718	2.528628	0.011450927	0.223543046
<i>FAM184B</i>	-1.590337	0.629145	-2.527777	0.011478734	0.223620985
<i>TNFRSF13B</i>	0.931101	0.368493	2.526783	0.011511276	0.223790638
<i>HHEX</i>	0.242992	0.096251	2.524558	0.011584386	0.224267304
<i>RIOX1</i>	-0.72167	0.28592	-2.524025	0.011601969	0.224267304
<i>CYSTM1</i>	-0.321824	0.127514	-2.523836	0.011608223	0.224267304
<i>PGGHG</i>	-0.460717	0.182597	-2.523136	0.011631329	0.224267304
<i>KMT2E.AS1</i>	-0.513062	0.203521	-2.520932	0.011704435	0.224737411
<i>ORAI3</i>	-0.235793	0.093536	-2.52087	0.011706493	0.224737411
<i>CBLN3</i>	-0.568582	0.225607	-2.520239	0.011727511	0.224737411
<i>PPP1CB</i>	-0.309529	0.122886	-2.518828	0.011774607	0.225180374
<i>IGLC7</i>	-2.060806	0.818588	-2.517514	0.011818625	0.225515616
<i>HSD17B11</i>	0.139016	0.055243	2.516469	0.011853739	0.225515616
<i>SMPD4</i>	-0.416541	0.165546	-2.516158	0.011864187	0.225515616
<i>ENSG00000187186</i>	-0.979523	0.389313	-2.516029	0.011868538	NA
<i>NPRL2</i>	0.391221	0.155665	2.513229	0.011963158	0.226707989
<i>MYC</i>	0.270865	0.107791	2.512874	0.011975204	0.226707989
<i>ENSG00000257839</i>	-1.291571	0.514145	-2.512078	0.012002254	NA
<i>RALGPS2</i>	0.315108	0.12555	2.509831	0.012078886	0.228062454
<i>CD40</i>	-0.153249	0.061071	-2.509351	0.012095325	0.228062454
<i>MYCBP2</i>	0.168394	0.067193	2.506136	0.012205867	0.228841308
<i>HSBP1</i>	0.204431	0.081586	2.505697	0.012221016	0.228841308
<i>PPP4C</i>	-0.183206	0.073133	-2.505094	0.012241883	0.228841308
<i>RAB34</i>	-0.643444	0.256882	-2.504823	0.012251252	0.228841308
<i>DLGAP3</i>	-0.866635	0.346073	-2.504201	0.012272832	NA
<i>SIDT1.AS1</i>	-0.592577	0.236644	-2.504086	0.012276804	0.228841308
<i>MARCHF1</i>	0.404454	0.161529	2.503912	0.012282856	0.228841308
<i>FIS1</i>	-0.267853	0.107041	-2.502326	0.012338013	0.229413747
<i>DPM1</i>	0.281586	0.112595	2.500874	0.01238871	0.22951289
<i>UBE2L3</i>	-0.179493	0.071775	-2.500774	0.01239223	0.22951289
<i>LINC00680</i>	-0.461139	0.184489	-2.499547	0.012435206	0.229855474
<i>H6PD</i>	-0.464914	0.186083	-2.498424	0.012474671	0.230131953
<i>MRPL41</i>	-0.257272	0.103073	-2.496009	0.012559959	0.231251002
<i>ENSG00000260349</i>	-0.578667	0.231967	-2.494607	0.012609671	0.231711961
<i>PKNOX1</i>	-0.433922	0.174084	-2.492603	0.012681072	0.232568881
<i>HRK</i>	-1.252097	0.502537	-2.491554	0.012718556	0.232801648
<i>NCBP2AS2</i>	-0.277258	0.111317	-2.490718	0.012748513	0.232895993
<i>RPL13A</i>	0.119521	0.048043	2.487772	0.012854623	0.234239177
<i>RASAL1</i>	-1.320389	0.530772	-2.487674	0.012858141	NA

SHARPIN	-0.263292	0.105855	-2.487293	0.012871929	0.234239177
ZNF835	0.769677	0.309675	2.485436	0.012939282	NA
CARMIL1	-0.940716	0.378945	-2.482462	0.013047814	0.236980598
OSTF1	0.34996	0.141028	2.481484	0.013083645	0.237172634
LIMD1	-0.816246	0.329592	-2.476536	0.013266408	0.238923469
SLC9A9	-0.502482	0.202928	-2.476162	0.013280321	0.238923469
KIAA0040	0.46311	0.187187	2.474044	0.013359319	0.238923469
BHLHE41	1.756752	0.710126	2.473859	0.013366261	NA
MGAT1	0.25301	0.102287	2.473532	0.013378494	0.238923469
SHF	-0.751675	0.304032	-2.472354	0.013422649	0.238923469
ELMSAN1	0.318229	0.128723	2.472205	0.013428254	0.238923469
LINC02201	-1.237143	0.500463	-2.471998	0.013436017	0.238923469
MAN1B1.DT	-0.621304	0.2514	-2.471375	0.013459468	0.238923469
LPIN2	0.488001	0.197466	2.47132	0.013461538	0.238923469
FAM117A	0.302043	0.122233	2.471037	0.013472196	0.238923469
EEA1	0.404775	0.16383	2.470696	0.01348503	0.238923469
DDX5	-0.289184	0.117046	-2.470682	0.013485563	0.238923469
SLC2A14	-3.695871	1.496675	-2.469388	0.013534429	NA
NEK1	0.432185	0.175079	2.468513	0.013567576	0.239923794
ACAP1	0.284352	0.115228	2.467734	0.013597114	0.239994172
JRK	0.470737	0.190826	2.466834	0.013631357	0.240147163
ZNF605	-0.402652	0.163312	-2.465544	0.013680538	0.240562274
CCDC126	0.436936	0.177301	2.464369	0.013725485	0.240901501
DENND2D	0.390674	0.158639	2.462659	0.013791116	0.241194735
CD58	-0.569048	0.231119	-2.462141	0.013811051	0.241194735
JOSD2	-0.417872	0.169734	-2.461928	0.013819251	0.241194735
FAM204A	-0.225313	0.091657	-2.458233	0.013962265	0.24270801
GCNT1	0.795572	0.323643	2.458178	0.013964376	0.24270801
ENSG00000268400	-1.209155	0.492	-2.457634	0.01398557	NA
PLEKHO2	0.883051	0.359375	2.457187	0.014002992	0.24270801
ABTB1	-0.269904	0.10985	-2.457024	0.014009344	0.24270801
SLC38A11	1.622383	0.66075	2.455368	0.014074058	NA
CELF2	0.286704	0.116788	2.454916	0.014091759	0.243686212
PDE4B	0.226047	0.092192	2.451905	0.014210199	0.2448464
LAMTOR1	-0.191297	0.078028	-2.451626	0.014221242	0.2448464
PSPC1	-0.308529	0.125867	-2.451225	0.014237075	0.2448464
RBMX	0.129714	0.052976	2.448528	0.014344123	0.246236405
ZNF580	-0.264121	0.107899	-2.447864	0.014370596	0.246240689
MX1	0.702208	0.287038	2.446394	0.014429304	0.246516039
MINDY2	0.33607	0.137387	2.446148	0.014439172	0.246516039
ANKRD28	-0.593943	0.242932	-2.444893	0.014489526	0.24692676
UFD1	-0.324147	0.132716	-2.442405	0.014589774	0.248184738
MPP7	-0.768844	0.314984	-2.440898	0.014650791	0.248772015
CNOT6L	-0.609132	0.249759	-2.43888	0.014732849	0.24971382
JUND	-0.320256	0.131418	-2.436929	0.014812601	0.250222592
FAM131A	0.553611	0.227184	2.436842	0.014816162	0.250222592
NDUFB8	-0.167939	0.069094	-2.430584	0.01507453	0.254128977

<i>OR2A1.AS1</i>	-0.915744	0.377083	-2.428491	0.015161789	NA
<i>MRPL54</i>	-0.272029	0.112049	-2.427778	0.015191646	0.255644366
<i>SNAP29</i>	0.296079	0.121994	2.426996	0.015224406	0.255737343
<i>PCF11</i>	0.199098	0.082129	2.424206	0.015341894	0.257250694
<i>COX16</i>	-0.348454	0.14378	-2.423525	0.015370716	0.257274546
<i>SLC35D1</i>	0.579094	0.23918	2.421162	0.015470999	0.25849232
<i>FBXO2</i>	-0.868107	0.358694	-2.42019	0.015512397	0.258723631
<i>ENSG00000276509</i>	0.549238	0.227041	2.419116	0.015558267	0.258754598
<i>ENSG00000271204</i>	0.446237	0.184483	2.418857	0.015569366	0.258754598
<i>PFDN1</i>	-0.268706	0.111151	-2.417483	0.015628257	0.259005292
<i>OSTM1</i>	0.342269	0.141596	2.417219	0.015639617	0.259005292
<i>USP53</i>	0.951023	0.393614	2.416128	0.015686564	0.25917512
<i>CAPN12</i>	0.520111	0.215339	2.415315	0.01572159	0.25917512
<i>IGHG3</i>	1.031544	0.427422	2.413408	0.015804118	0.25917512
<i>PPM1D</i>	0.515373	0.21356	2.413248	0.015811045	0.25917512
<i>CYP4V2</i>	0.647396	0.268272	2.413205	0.015812925	0.25917512
<i>NECAP2</i>	-0.224156	0.092912	-2.412575	0.015840279	0.25917512
<i>SLC25A26</i>	-0.281432	0.116682	-2.41195	0.015867457	0.25917512
<i>ENSG00000228463</i>	0.475214	0.197031	2.411876	0.015870681	0.25917512
<i>PCNX4</i>	0.366652	0.15213	2.41013	0.015946849	0.259966853
<i>ZSCAN18</i>	0.234655	0.0974	2.409186	0.015988136	0.259997185
<i>C9orf16</i>	-0.177	0.07348	-2.408822	0.016004087	0.259997185
<i>TBC1D8</i>	-1.141503	0.474211	-2.407162	0.016077021	NA
<i>ISCA2</i>	-0.231081	0.095998	-2.407139	0.016078055	0.260010225
<i>UBE2E1</i>	0.330835	0.137468	2.406638	0.0161001	0.260010225
<i>ENSG00000247373</i>	0.828262	0.344283	2.405762	0.016138775	0.260010225
<i>SCP2</i>	-0.237532	0.098768	-2.404946	0.016174852	0.260010225
<i>RAB5C</i>	-0.186187	0.077423	-2.404805	0.016181119	0.260010225
<i>ANP32B</i>	0.159874	0.066488	2.404559	0.01619201	0.260010225
<i>SENP3</i>	-0.527752	0.219494	-2.404407	0.01619872	0.260010225
<i>APOBEC3G</i>	-0.221621	0.092247	-2.402466	0.016284945	0.26051831
<i>NOTCH2</i>	0.316716	0.131834	2.402393	0.016288191	0.26051831
<i>SPOP</i>	0.230537	0.095984	2.401823	0.016313607	0.26051831
<i>FIBP</i>	-0.206006	0.085922	-2.397583	0.016503629	0.262789448
<i>IRF3</i>	0.190959	0.079652	2.397402	0.016511797	0.262789448
<i>DSCAML1</i>	-1.257975	0.5253	-2.394773	0.016630648	NA
<i>SMIM14</i>	-0.261254	0.109127	-2.394033	0.016664259	0.264611317
<i>ZBTB8OS</i>	-0.258481	0.107987	-2.393629	0.01668263	0.264611317
<i>POLR2M</i>	-0.27314	0.114172	-2.392363	0.016740277	0.265077915
<i>WASH9P</i>	-0.436919	0.182695	-2.391521	0.016778721	0.265239374
<i>PSMD8</i>	-0.1616	0.067636	-2.389283	0.016881292	0.26566487
<i>TRA2B</i>	-0.169214	0.070852	-2.388264	0.016928187	0.26566487
<i>SLA</i>	0.395691	0.165689	2.388146	0.016933632	0.26566487
<i>DRG2</i>	-0.374524	0.156849	-2.387801	0.016949526	0.26566487
<i>MME</i>	-1.99894	0.837224	-2.387582	0.016959634	NA
<i>STIP1</i>	0.337602	0.14141	2.387394	0.016968297	0.26566487
<i>SLC2A1</i>	-0.317901	0.133172	-2.387137	0.016980174	0.26566487

COMMD2	-0.249164	0.1044	-2.386628	0.017003683	0.26566487
ERV3.1	-0.308685	0.129504	-2.383605	0.017143971	0.266991678
ENSG00000125726	-1.513501	0.634972	-2.383573	0.017145472	0.266991678
TMEM165	-0.33557	0.140836	-2.382706	0.017185928	0.267178577
RPRD1A	-0.253143	0.106299	-2.381423	0.017245898	0.267667743
UNC119	-0.320824	0.134824	-2.379565	0.017333103	0.267670508
DEAF1	-0.559263	0.235061	-2.379227	0.017349005	0.267670508
CPT1A	-0.508516	0.213751	-2.379011	0.017359154	0.267670508
FH	0.399364	0.167871	2.378991	0.0173601	0.267670508
RNF144B	0.740134	0.311525	2.375841	0.017508987	0.269523588
VDAC2	0.191583	0.080751	2.372531	0.017666669	0.271506087
LINC02035	0.853765	0.359949	2.371907	0.017696552	NA
GPS2	-0.252839	0.106614	-2.37153	0.017714626	0.271579817
SENP2	-0.476655	0.201042	-2.370915	0.01774409	0.271579817
ZNF776	0.483814	0.204095	2.370535	0.017762351	0.271579817
PET100	-0.237262	0.10011	-2.370019	0.017787177	0.271579817
ADGRB2	-1.314415	0.555073	-2.368005	0.017884304	NA
PLXNB2	-1.140005	0.481665	-2.366798	0.017942718	NA
CEP170	-0.321295	0.135904	-2.364123	0.018072807	0.275444519
ABHD3	0.379083	0.160436	2.362833	0.018135847	0.275444519
RPLP2	0.183504	0.077674	2.362488	0.018152716	0.275444519
WDR33	0.255383	0.108104	2.362388	0.018157631	0.275444519
ZKSCAN2	-0.714877	0.302723	-2.361487	0.018201827	NA
S100BPB	-0.346852	0.146939	-2.360516	0.018249543	0.276392277
ENSG00000226571	1.153364	0.488752	2.359815	0.018284059	NA
BCAP31	-0.217763	0.092295	-2.359418	0.018303611	0.276764745
COA6.AS1	-0.507295	0.215083	-2.358601	0.018343975	0.27692914
CALM3	-0.275938	0.117195	-2.354518	0.018546757	0.279541012
DDX55	0.398966	0.169857	2.348835	0.01883226	0.283389304
HEBP2	-0.517344	0.220341	-2.347926	0.018878282	0.283627308
MPLKIP	0.214016	0.091265	2.344994	0.0190274	0.285088417
SOX4	-0.63265	0.269834	-2.344591	0.019047978	0.285088417
ATP5ME	-0.156031	0.06656	-2.344226	0.019066616	0.285088417
RPL32	0.126919	0.054157	2.343551	0.019101136	0.285150498
MFAP1	0.382812	0.163438	2.342249	0.019167902	0.285693013
APOL6	0.745414	0.318619	2.339516	0.019308758	0.286759656
BUD13	0.394329	0.168588	2.339007	0.019335048	0.286759656
PHYH	-0.725462	0.310159	-2.339002	0.019335316	0.286759656
ARCN1	0.421139	0.18009	2.338494	0.019361621	0.286759656
ZFYVE27	0.325612	0.139387	2.336023	0.019490049	0.288207178
HSD17B4	0.418195	0.179128	2.334611	0.019563744	0.288394435
ZNF680	0.304522	0.130445	2.33448	0.019570626	0.288394435
CCL5	-1.362285	0.583795	-2.333497	0.019622064	0.288394435
ZDHHC23	-0.450347	0.192998	-2.33343	0.019625564	0.288394435
ATP6V1C1	0.347022	0.14888	2.330885	0.019759418	0.289266442
ENSG00000224746	-1.046286	0.449189	-2.329279	0.019844304	NA
HSH2D	-0.294635	0.126541	-2.328374	0.019892251	0.289266442

<i>NPM1</i>	0.127144	0.054626	2.327564	0.019935279	0.289266442
<i>ENSG00000267390</i>	0.472164	0.202874	2.327372	0.01994548	0.289266442
<i>IDNK</i>	-0.486209	0.208932	-2.327119	0.019958928	0.289266442
<i>YY1</i>	0.177093	0.076113	2.326715	0.019980414	0.289266442
<i>RALA</i>	-0.290484	0.12486	-2.326468	0.019993593	0.289266442
<i>ACYP2</i>	-0.300867	0.129329	-2.326366	0.019999008	0.289266442
<i>DUS2</i>	0.340592	0.146414	2.326236	0.020005974	0.289266442
<i>C12orf49</i>	-0.531167	0.228368	-2.325921	0.020022764	0.289266442
<i>XYLT2</i>	-0.707896	0.304353	-2.325902	0.020023769	0.289266442
<i>KIAA0930</i>	0.523746	0.225397	2.323659	0.020143784	0.290553203
<i>PPP4R1</i>	-0.524484	0.226113	-2.319569	0.020364217	0.293187165
<i>CFL2</i>	-0.380287	0.16398	-2.319114	0.020388841	0.293187165
<i>ARL11</i>	0.561761	0.242338	2.318087	0.020444599	0.29353943
<i>PEX13</i>	0.590358	0.254844	2.316544	0.020528594	0.294295422
<i>FXYS5</i>	0.161398	0.069749	2.314007	0.020667361	0.295833113
<i>ENSG00000274400</i>	1.581173	0.683324	2.313942	0.0206709	NA
<i>RER1</i>	-0.224169	0.096954	-2.312121	0.020770994	0.296711637
<i>SMARCD1</i>	-0.273623	0.118362	-2.311741	0.020791934	0.296711637
<i>GSTP1</i>	-0.19264	0.083357	-2.311011	0.020832223	0.296835464
<i>GUK1</i>	-0.200605	0.086842	-2.310007	0.020887758	0.297175825
<i>DUS4L</i>	-0.495216	0.214529	-2.308381	0.020977949	0.297900264
<i>CCNQ</i>	-0.316439	0.137187	-2.306625	0.021075746	0.297900264
<i>FHL3</i>	-0.814912	0.353332	-2.30636	0.021090507	0.297900264
<i>CLNS1A</i>	0.329814	0.143022	2.306033	0.021108768	0.297900264
<i>NUP160</i>	0.256503	0.111236	2.305925	0.021114847	0.297900264
<i>LENG1</i>	0.277682	0.120441	2.305556	0.021135451	0.297900264
<i>A4GALT</i>	1.441525	0.625285	2.305387	0.021144911	NA
<i>RTCA</i>	0.374968	0.162696	2.304719	0.021182295	0.297900264
<i>HGSNAT</i>	-0.411296	0.178484	-2.304387	0.021200956	0.297900264
<i>POU2AF1</i>	-0.19466	0.084489	-2.303972	0.021224204	0.297900264
<i>ENSG00000275441</i>	-0.663706	0.288347	-2.301759	0.021348747	NA
<i>ZNF526</i>	0.388417	0.16878	2.301315	0.021373832	0.299552659
<i>PCMTD2</i>	-0.265623	0.115619	-2.297403	0.021595809	0.302212589
<i>ENSG00000170846</i>	-0.832788	0.362727	-2.29591	0.021681039	NA
<i>CEP152</i>	0.420129	0.183025	2.295471	0.02170615	0.302890942
<i>LAMTOR4</i>	-0.156069	0.067992	-2.295425	0.021708797	0.302890942
<i>FAM111A.DT</i>	0.323071	0.140842	2.293852	0.02179899	0.303698096
<i>ZNF579</i>	-0.932055	0.406461	-2.2931	0.021842273	NA
<i>ING3</i>	-0.330455	0.144174	-2.292064	0.021901975	0.304191004
<i>FOXN2</i>	0.395889	0.172728	2.291985	0.021906482	0.304191004
<i>LDHB</i>	0.173779	0.075852	2.291035	0.021961417	0.304191004
<i>PTK2B</i>	0.23838	0.104051	2.290991	0.021963951	0.304191004
<i>POLA1</i>	-0.790528	0.34525	-2.289727	0.022037176	NA
<i>PSPH</i>	-0.749264	0.327712	-2.286353	0.022233632	NA
<i>PFKFB3</i>	-0.314353	0.137499	-2.286218	0.022241515	0.306542512
<i>PCYT2</i>	-0.470029	0.205632	-2.285773	0.022267538	0.306542512
<i>MSL3</i>	0.25067	0.109699	2.285062	0.022309167	0.306542512



<i>ENSG00000272941</i>	0.956558	0.418614	2.285058	0.022309431	NA
<i>OPN3</i>	-0.489965	0.214443	-2.28482	0.022323372	0.306542512
<i>HCK</i>	-0.463672	0.202992	-2.284191	0.02236033	0.306542512
<i>MAP4</i>	-0.234469	0.102653	-2.284089	0.022366326	0.306542512
<i>LMF1</i>	-0.607699	0.266065	-2.284028	0.022369889	0.306542512
<i>STK16</i>	-0.242341	0.10615	-2.283009	0.02242985	0.306542512
<i>ABCG1</i>	-0.628384	0.275523	-2.280694	0.022566551	0.306542512
<i>SLC15A2</i>	0.868573	0.380848	2.28063	0.022570371	0.306542512
<i>WDR11</i>	-0.330921	0.145144	-2.279952	0.022610557	0.306542512
<i>LDLRAP1</i>	0.481656	0.211263	2.279888	0.022614316	0.306542512
<i>CYBC1</i>	-0.169237	0.074238	-2.279638	0.022629158	0.306542512
<i>RPSA</i>	0.191754	0.084117	2.279626	0.022629903	0.306542512
<i>ENSG00000251661</i>	-1.525007	0.668974	-2.279621	0.022630155	NA
<i>TMEM242</i>	-0.290094	0.12728	-2.279175	0.02265664	0.306542512
<i>SNHG25</i>	-0.332722	0.146011	-2.278744	0.02268227	0.306542512
<i>TBCB</i>	-0.20982	0.092089	-2.278433	0.022700804	0.306542512
<i>BARD1</i>	0.370916	0.162819	2.278088	0.022721362	0.306542512
<i>LZTS3</i>	-1.388416	0.609656	-2.277377	0.022763702	NA
<i>PDCD4</i>	0.43204	0.189776	2.276583	0.022811143	0.307093248
<i>RPL3</i>	0.116615	0.05123	2.276308	0.022827592	0.307093248
<i>MIR210HG</i>	-1.389388	0.610397	-2.276204	0.022833796	NA
<i>STK38L</i>	-0.496584	0.218409	-2.273646	0.02298728	0.308799089
<i>AAAS</i>	-0.417062	0.183618	-2.271355	0.023125473	0.310054802
<i>PHF7</i>	-0.471557	0.207643	-2.271003	0.023146796	0.310054802
<i>WDFY2</i>	0.288527	0.127196	2.268369	0.023306753	0.311665409
<i>HNRNPD</i>	-0.185858	0.08195	-2.267931	0.023333417	0.311665409
<i>ZNF827</i>	1.028256	0.453654	2.26661	0.023414041	NA
<i>PPWD1</i>	0.304475	0.134392	2.265576	0.023477372	0.31314279
<i>KIAA1324L</i>	1.020768	0.450816	2.264268	0.02355761	NA
<i>SUMO1</i>	-0.163519	0.07224	-2.263552	0.023601656	0.314353976
<i>ICMT</i>	-0.677418	0.299376	-2.262767	0.023650032	0.314552125
<i>NMI</i>	0.249371	0.110241	2.262051	0.023694234	0.314613259
<i>STX7</i>	0.219384	0.09702	2.261225	0.023745335	0.314613259
<i>DNAAF2</i>	0.299748	0.132569	2.261066	0.023755144	0.314613259
<i>ACSM1</i>	-0.805007	0.35607	-2.260811	0.023770933	NA
<i>TLE1</i>	-0.693686	0.306972	-2.259769	0.023835613	0.315234377
<i>VPS9D1</i>	-1.096947	0.486001	-2.257086	0.024002674	NA
<i>SORL1</i>	-0.295079	0.130786	-2.256201	0.024058036	0.317728492
<i>USPL1</i>	0.503223	0.223132	2.255271	0.024116298	0.31805061
<i>TOLLIP.AS1</i>	-0.898371	0.39844	-2.254719	0.024150981	NA
<i>ARRDC4</i>	-1.91203	0.848174	-2.254289	0.024177995	NA
<i>NAT14</i>	-0.629125	0.279285	-2.252626	0.024282751	0.319796678
<i>ENSG00000253948</i>	-0.563772	0.250357	-2.251878	0.024329957	0.319969603
<i>HFE</i>	-1.034696	0.459758	-2.250524	0.024415711	NA
<i>SLC30A1</i>	-1.149455	0.510771	-2.250431	0.02442158	NA
<i>DHRS4L2</i>	0.452477	0.201067	2.25038	0.024424852	0.320768331
<i>KMT2C</i>	0.243814	0.108383	2.249567	0.02447643	0.320996754

<i>GM2A</i>	0.5507	0.244887	2.248797	0.02452539	0.321190254
<i>RHOC</i>	-0.581917	0.258912	-2.247547	0.024605072	0.321355972
<i>STX5</i>	-0.240923	0.107195	-2.247525	0.02460649	0.321355972
<i>ADRB2</i>	0.882184	0.392541	2.247367	0.024616572	NA
<i>ZNF90</i>	-0.331622	0.147592	-2.246886	0.024647303	0.321441907
<i>OAS2</i>	0.496481	0.221024	2.246278	0.024686198	0.32150263
<i>UBA52</i>	0.124058	0.05534	2.24175	0.024977528	0.324846243
<i>GATM</i>	0.953598	0.425551	2.240854	0.025035539	0.325048523
<i>TOPORS</i>	0.237629	0.106063	2.240441	0.025062314	0.325048523
<i>ENSG00000228106</i>	-0.348156	0.155527	-2.238559	0.025184599	0.326183978
<i>MED11</i>	0.243303	0.108719	2.237911	0.025226847	0.326281121
<i>MXD4</i>	0.419217	0.187411	2.236889	0.025293564	0.326609567
<i>CNN3</i>	-0.633211	0.283131	-2.236458	0.025321807	0.326609567
<i>MRPS36</i>	0.18978	0.084896	2.235447	0.025388029	0.326810273
<i>IFT88</i>	-0.379353	0.169721	-2.235158	0.025406975	0.326810273
<i>PPP1CA</i>	-0.136524	0.061106	-2.234228	0.025468081	0.327148129
<i>IGHV3.15</i>	-1.135136	0.508247	-2.233432	0.025520472	NA
<i>STAC3</i>	-0.993426	0.444856	-2.233138	0.025539858	NA
<i>C1orf21</i>	-1.810576	0.810999	-2.232526	0.025580243	NA
<i>SPAG7</i>	-0.170155	0.076279	-2.230677	0.025702501	0.329708306
<i>KLHDC10</i>	-0.483652	0.216928	-2.229556	0.025776932	0.33021199
<i>APH1A</i>	-0.158532	0.071126	-2.228907	0.025820125	0.3302735
<i>FBXO22</i>	0.275965	0.123866	2.22793	0.02588518	0.3302735
<i>SLC25A5</i>	-0.152667	0.068529	-2.227766	0.025896151	0.3302735
<i>HDDC2</i>	-0.212119	0.095247	-2.227031	0.025945221	0.3302735
<i>ZNF718</i>	0.804765	0.361425	2.226646	0.025970953	0.3302735
<i>PELI2</i>	-0.608531	0.273344	-2.22625	0.025997471	0.3302735
<i>IFNLR1</i>	-0.490539	0.220388	-2.225795	0.026027944	0.3302735
<i>ENSG00000270820</i>	0.764293	0.343462	2.225265	0.026063458	0.330277831
<i>PLAAT3</i>	-1.543901	0.693936	-2.224846	0.026091608	NA
<i>TRIP11</i>	0.274642	0.123558	2.222767	0.026231492	0.331846604
<i>PDE4D</i>	-0.79384	0.35722	-2.222273	0.026264858	0.331846604
<i>C3orf33</i>	-0.813403	0.36608	-2.221928	0.0262882	NA
<i>JUP</i>	-0.694638	0.312639	-2.221852	0.026293277	0.331846604
<i>PIGZ</i>	-1.225145	0.551469	-2.221605	0.026310031	NA
<i>RPS16</i>	0.151937	0.068453	2.219569	0.026448067	0.333304107
<i>TXNL1</i>	0.174406	0.078593	2.219103	0.026479751	0.333304107
<i>CMTM3</i>	-0.82268	0.370826	-2.218507	0.026520262	0.33336715
<i>PTPN20</i>	-1.69566	0.764934	-2.216739	0.026640919	NA
<i>MAPKAPK2</i>	-0.355317	0.160304	-2.216518	0.026656025	0.334625124
<i>CYP3A5</i>	0.468584	0.211519	2.215329	0.026737479	0.334625124
<i>RAB31</i>	0.640004	0.288923	2.215135	0.02675082	0.334625124
<i>RPS8</i>	0.170743	0.077086	2.214959	0.026762883	0.334625124
<i>WIPF2</i>	0.280429	0.12667	2.213844	0.026839494	0.3348799
<i>IMPACT</i>	-0.459489	0.20758	-2.213554	0.026859485	0.3348799
<i>CUL2</i>	0.373228	0.168644	2.213107	0.02689025	0.3348799
<i>GNAI3</i>	-0.210352	0.095082	-2.212322	0.026944447	0.335110404

<i>UCP2</i>	-0.280931	0.127087	-2.210532	0.027068292	0.336205379
<i>CD69</i>	-0.305024	0.138049	-2.209531	0.027137711	0.336622333
<i>BASP1</i>	-0.325277	0.14748	-2.205569	0.027414195	0.339603283
<i>ATP6VOA1</i>	0.430274	0.195139	2.204956	0.027457194	0.33968781
<i>FGR</i>	-0.524923	0.238211	-2.20361	0.027551795	0.340409672
<i>LINC00926</i>	-0.215194	0.097722	-2.202105	0.027657864	0.340605158
<i>NDUFA6</i>	-0.175399	0.079657	-2.201933	0.027670058	0.340605158
<i>SERPINF1</i>	-0.873992	0.397	-2.20149	0.027701351	0.340605158
<i>YTHDC1</i>	0.177826	0.080781	2.201329	0.027712709	0.340605158
<i>FDXR</i>	-0.730491	0.332017	-2.200162	0.027795368	NA
<i>ALAS1</i>	0.48397	0.220036	2.199501	0.027842283	0.341364533
<i>POLR3K</i>	0.253452	0.115249	2.199171	0.02786575	0.341364533
<i>EPB41L2</i>	-0.569273	0.258887	-2.198921	0.027883557	0.341364533
<i>TRG.AS1</i>	1.510739	0.687268	2.198181	0.02793621	NA
<i>CCDC130</i>	0.268664	0.122283	2.197058	0.028016291	0.342542929
<i>ROR1</i>	-0.878881	0.400053	-2.196912	0.028026751	NA
<i>RAB13</i>	-0.823281	0.375187	-2.194321	0.028212334	0.343634365
<i>METTL15</i>	-0.312593	0.142473	-2.194059	0.028231195	0.343634365
<i>NFKB2</i>	-0.336243	0.153253	-2.194042	0.028232418	0.343634365
<i>NBPF9</i>	0.513445	0.234063	2.193618	0.028262895	0.343634365
<i>CARM1</i>	0.489756	0.2233	2.193262	0.028288537	0.343634365
<i>SWAP70</i>	0.209191	0.095406	2.192631	0.02833397	0.343741576
<i>NLRC5</i>	-0.44029	0.200875	-2.191867	0.028389107	0.343966085
<i>HIBCH</i>	0.301183	0.137508	2.190294	0.028502952	0.344900408
<i>THRAP3</i>	-0.230928	0.105489	-2.189117	0.028588341	0.345264161
<i>SINHCAF</i>	0.24091	0.11009	2.188297	0.028647997	0.345264161
<i>LMBRD1</i>	-0.188708	0.08624	-2.188185	0.028656114	0.345264161
<i>DAZAP1</i>	-0.303799	0.13888	-2.187489	0.028706873	0.345264161
<i>RPL34</i>	0.119191	0.054491	2.187352	0.028716859	0.345264161
<i>ENSG00000258302</i>	1.439461	0.658133	2.187188	0.028728827	NA
<i>NDUFAF4</i>	0.294009	0.134481	2.186246	0.028797642	0.345353679
<i>SHLD1</i>	-0.450191	0.20592	-2.186243	0.028797863	0.345353679
<i>APP</i>	0.32251	0.147582	2.185293	0.028867346	0.345636404
<i>RPS15A</i>	0.152591	0.069839	2.184915	0.028895056	0.345636404
<i>CRYM</i>	-1.951094	0.893163	-2.184476	0.028927321	NA
<i>EXOSC3</i>	0.284212	0.130111	2.184374	0.028934751	0.345670884
<i>METRNL</i>	1.174133	0.537878	2.1829	0.02904317	NA
<i>CTSH</i>	-0.299355	0.137228	-2.181435	0.029151264	0.347814955
<i>ACAA2</i>	-0.307573	0.141038	-2.180779	0.029199748	0.347932515
<i>PSMG4</i>	-0.315321	0.144623	-2.1803	0.029235224	0.347932515
<i>SAP18</i>	-0.124049	0.056964	-2.17767	0.029430644	0.349802547
<i>MGME1</i>	0.268137	0.123158	2.177184	0.02946686	0.349802547
<i>ZNF345</i>	0.573071	0.263378	2.175851	0.029566382	0.349940697
<i>CERS4</i>	-0.287415	0.13212	-2.175407	0.029599604	0.349940697
<i>ASCL2</i>	-1.215169	0.558738	-2.174847	0.029641566	NA
<i>RPS12</i>	0.136187	0.062631	2.174449	0.029671439	0.349940697
<i>FNBP1</i>	-0.289253	0.133032	-2.174322	0.029680949	0.349940697

DCXR	-0.27333	0.12571	-2.174289	0.029683438	0.349940697
CABLES1	-0.62706	0.288431	-2.17404	0.029702102	0.349940697
ZNF358	-0.444606	0.204617	-2.172871	0.029790005	0.350536526
MED17	0.254988	0.117502	2.170082	0.030000611	0.352013862
MRPL43	-0.192535	0.088762	-2.169123	0.030073324	0.352013862
SNX5	0.225561	0.103995	2.16896	0.030085715	0.352013862
ST3GAL1	0.42875	0.197694	2.168756	0.030101211	0.352013862
ELOVL5	0.186207	0.085872	2.168437	0.030125482	0.352013862
IKZF3	0.165099	0.076144	2.168239	0.030140484	0.352013862
ENSG00000271895	-0.896038	0.414089	-2.163876	0.030473838	NA
KIF9.AS1	1.160133	0.536293	2.163245	0.030522378	NA
UQCRFS1	-0.192724	0.089138	-2.162092	0.030611063	0.35706569
ODC1	-0.736137	0.340751	-2.160335	0.030746733	0.358203253
PREX1	0.4147	0.192473	2.154593	0.031193688	0.362960012
CTSB	0.261021	0.121259	2.152599	0.031350225	0.364329971
MBP	-0.228751	0.1064	-2.149927	0.031561023	0.365704186
PPID	0.361163	0.167991	2.149892	0.031563795	0.365704186
ENSG00000253982	-0.336155	0.156379	-2.14962	0.031585314	0.365704186
CBY1	0.578267	0.269151	2.148487	0.031675116	0.36629229
LRRRC47	-0.555334	0.258637	-2.147153	0.031781104	0.367065884
PRR5L	-1.608997	0.749366	-2.147143	0.031781881	NA
GNG7	-0.166578	0.077633	-2.145704	0.031896632	0.367947636
ERICH1	0.183139	0.085385	2.144861	0.031963923	0.368271461
KLB	-1.568704	0.731463	-2.144613	0.031983811	NA
POLR3D	0.376195	0.175485	2.143747	0.032053163	0.368847055
L1CAM	-0.832631	0.388655	-2.14234	0.032166153	NA
COG8	0.334498	0.156174	2.141824	0.032207637	0.36949918
MATR3	-0.710117	0.331551	-2.141806	0.032209061	0.36949918
THRB	1.551006	0.724241	2.141559	0.032228961	NA
ABRACL	0.336099	0.156981	2.141015	0.032272789	0.36949918
MIEN1	-0.187822	0.087756	-2.14027	0.032332928	0.36949918
PCYT1A	0.407309	0.190336	2.139942	0.03235947	0.36949918
BCL2L13	-0.396896	0.185512	-2.13946	0.032398424	0.36949918
SCAMP4	-0.400914	0.1874	-2.139346	0.03240765	0.36949918
RPL35	0.137769	0.064422	2.138549	0.032472213	0.36949918
RELB	-0.337908	0.158017	-2.138423	0.032482428	0.36949918
DDX23	0.339865	0.158996	2.137574	0.032551369	0.36949918
CYTH3	-0.568964	0.26629	-2.136633	0.032627884	0.36949918
ST6GALNAC6	-0.240997	0.112817	-2.136186	0.032664235	0.36949918
ZNF500	0.439966	0.205963	2.13614	0.032667985	0.36949918
ENSG00000228434	0.34828	0.163055	2.135969	0.032681918	0.36949918
SERPIN1	-0.2132	0.099825	-2.135746	0.032700087	0.36949918
TNKS1BP1	-1.716027	0.803574	-2.135493	0.032720768	NA
JTB	-0.105467	0.049395	-2.135188	0.032745667	0.369569482
CCDC121	1.336731	0.626266	2.134447	0.03280618	NA
MYO18A	1.010107	0.473288	2.134231	0.032823873	NA
HCST	0.852019	0.399592	2.132224	0.032988468	0.371721707

PEX16	-0.187587	0.087991	-2.131894	0.033015538	0.371721707
ENSG00000235501	-0.9729	0.456605	-2.130725	0.033111803	NA
NR6A1	-0.789484	0.37053	-2.130689	0.033114804	NA
NR2F6	0.974482	0.457364	2.130648	0.033118171	NA
ENSG00000267519	-0.502407	0.23599	-2.128934	0.033259735	0.374022651
CGAS	0.414205	0.194658	2.127864	0.033348372	0.37403956
DNAJA1	0.30746	0.144539	2.127173	0.033405718	0.37403956
SLC7A6	0.448629	0.210978	2.126426	0.033467791	0.37403956
GLTP	-0.229345	0.107894	-2.125657	0.033531808	0.37403956
ENSG00000272221	0.719362	0.338429	2.125593	0.033537169	0.37403956
PARP15	0.53892	0.253559	2.125417	0.033551796	0.37403956
LRRC59	0.351973	0.165622	2.125161	0.033573196	0.37403956
ARPC1A	0.229952	0.108208	2.12508	0.033579909	0.37403956
SMG9	-0.297196	0.140003	-2.122777	0.03377251	0.375657565
ENSG00000283013	-0.265646	0.125185	-2.122035	0.033834824	0.375657565
GATD1	0.33595	0.158324	2.121911	0.033845186	0.375657565
FAM149B1	-0.692567	0.32651	-2.121119	0.033911813	NA
ZBED5.AS1	-0.339829	0.160216	-2.121069	0.03391601	0.375724302
HELZ2	0.487976	0.230081	2.120888	0.033931226	0.375724302
FAM114A2	0.420066	0.198174	2.119684	0.034032664	0.3760526
CNR1	0.677918	0.319835	2.119586	0.03404097	0.3760526
IFRD2	-0.231184	0.109103	-2.118938	0.034095677	0.376214346
ABI1	0.22921	0.108286	2.116713	0.03428423	0.377095867
SIPA1L3	-0.300803	0.142152	-2.116064	0.034339356	0.377095867
SCNM1	-0.170765	0.080714	-2.115663	0.034373438	0.377095867
ENSG00000277654	-0.473586	0.223871	-2.115442	0.03439226	0.377095867
ZNF234	0.35334	0.167135	2.114093	0.034507365	0.377095867
HMGA1	-0.274342	0.129781	-2.113882	0.034525349	0.377095867
PTPRA	-0.558446	0.264214	-2.113613	0.03454834	0.377095867
CLMN	0.477013	0.225713	2.113362	0.034569793	0.377095867
PDE3B	-0.414958	0.196354	-2.113317	0.034573684	0.377095867
AGTRAP	-0.380857	0.180221	-2.113276	0.034577161	0.377095867
MPP6	0.36802	0.174232	2.112247	0.034665232	0.377357199
DPP3	-0.471278	0.223137	-2.112058	0.034681498	0.377357199
MDFIC	0.791488	0.374761	2.111981	0.034688095	NA
DYNC1LI2	0.299869	0.142031	2.111282	0.034748095	0.377644224
APOBEC3B	-2.108066	0.99951	-2.109099	0.034935996	NA
IL13RA1	-0.614724	0.291512	-2.108745	0.03496659	0.37944706
SNX8	-0.401353	0.190363	-2.108355	0.035000299	0.37944706
PXK	0.220265	0.104509	2.107616	0.03506423	0.37944706
APLP2	-0.419192	0.198906	-2.107484	0.035075617	0.37944706
ECI1	-0.51488	0.244404	-2.106678	0.035145497	0.379574887
INAFM1	-0.525864	0.249649	-2.106415	0.03516828	0.379574887
AFF2	-1.131643	0.537358	-2.105941	0.035209519	NA
ENSG00000273748	-0.836944	0.397433	-2.105874	0.035215341	0.379646441
PHF19	-0.655375	0.311409	-2.104547	0.035330746	0.380453793
ZFP82	0.365894	0.173942	2.103547	0.035417996	0.380956457

<i>ENSG00000263080</i>	-1.273838	0.606006	-2.102021	0.035551448	NA
<i>IGLC2</i>	-0.665612	0.31672	-2.10158	0.035590085	0.382016851
<i>MIS18BP1</i>	0.172707	0.082201	2.10105	0.035636545	0.382016851
<i>ZNF622</i>	0.251015	0.119473	2.101027	0.035638633	0.382016851
<i>RPL5</i>	0.135118	0.064373	2.098996	0.035817253	0.38349374
<i>RP2</i>	0.537969	0.256435	2.097877	0.035916027	0.384113322
<i>INAVA</i>	-2.001256	0.95432	-2.097048	0.035989299	NA
<i>RNF26</i>	-0.339252	0.16179	-2.096868	0.036005241	0.384629364
<i>UBE2T</i>	0.487243	0.232478	2.095868	0.03609394	0.385138743
<i>TCL1A</i>	-0.353778	0.168852	-2.095191	0.036154026	0.385237027
<i>TP73.AS1</i>	-0.451535	0.215558	-2.094726	0.036195315	0.385237027
<i>SMIM27</i>	-0.257464	0.122931	-2.094379	0.036226229	0.385237027
<i>WDR66</i>	-0.819242	0.391374	-2.093246	0.036327192	0.38566652
<i>NUMA1</i>	0.358348	0.171266	2.092352	0.036407015	0.38566652
<i>RAC1</i>	-0.353913	0.169148	-2.092324	0.036409499	0.38566652
<i>ARPC5</i>	-0.151219	0.072295	-2.091708	0.036464617	0.38566652
<i>FADS3</i>	-0.264256	0.126362	-2.091252	0.036505495	0.38566652
<i>KHDRBS1</i>	-0.348965	0.166969	-2.090003	0.036617572	0.38566652
<i>CFL1</i>	-0.180319	0.086296	-2.08955	0.036658274	0.38566652
<i>SMARCE1</i>	-0.203028	0.097168	-2.089442	0.036667957	0.38566652
<i>NUPL2</i>	0.254747	0.121923	2.089419	0.036669989	0.38566652
<i>GCC2</i>	0.228526	0.109377	2.089338	0.036677338	0.38566652
<i>INTS3</i>	0.346863	0.166103	2.088244	0.03677581	0.386269416
<i>ZDHC3</i>	-0.261446	0.125306	-2.086462	0.036936796	0.387151784
<i>PCNA</i>	0.486717	0.233281	2.086401	0.036942279	0.387151784
<i>RNF181</i>	-0.17129	0.082179	-2.084344	0.037128865	0.388673404
<i>ZBTB44</i>	0.190833	0.091599	2.083351	0.03721921	0.38918528
<i>LAPTM5</i>	-0.177142	0.085071	-2.082277	0.037317198	0.389775845
<i>ADPRHL2</i>	0.279609	0.134351	2.08119	0.037416487	0.390152468
<i>SPPL2A</i>	-0.20385	0.097959	-2.080973	0.037436355	0.390152468
<i>ACAP3</i>	0.541	0.26008	2.080127	0.037513911	0.390279819
<i>RBM25</i>	0.164788	0.079235	2.079745	0.037548927	0.390279819
<i>AUP1</i>	-0.163006	0.078419	-2.078659	0.037648721	0.390279819
<i>TRIB3</i>	0.443367	0.213299	2.078619	0.037652387	0.390279819
<i>PDE7B</i>	-0.472164	0.227158	-2.078575	0.037656392	0.390279819
<i>SLC5A6</i>	-0.409269	0.19697	-2.077827	0.037725287	0.390562787
<i>LACTB2</i>	0.403507	0.194282	2.076917	0.037809183	0.391000247
<i>ARID5B</i>	-0.183721	0.088501	-2.075935	0.037899976	0.391280365
<i>ABHD15</i>	-0.307562	0.148171	-2.075723	0.037919609	0.391280365
<i>GOSR2</i>	-0.322543	0.155482	-2.074475	0.038035202	0.392042309
<i>ZNHIT3</i>	0.170507	0.082225	2.07367	0.038109936	0.392381904
<i>ATRAID</i>	-0.17861	0.086208	-2.071854	0.038279081	0.393487111
<i>PFDN5</i>	0.103412	0.049924	2.071402	0.038321252	0.393487111
<i>GPSM3</i>	-0.098943	0.047772	-2.071169	0.038342993	0.393487111
<i>HINFP</i>	0.342721	0.16551	2.070692	0.038387621	0.39351502
<i>RAP2A</i>	0.762256	0.368301	2.069657	0.038484445	NA
<i>ENSG00000270189</i>	0.55138	0.266682	2.067555	0.038681901	0.395219312

<i>HSPA5</i>	0.334863	0.161983	2.067276	0.038708155	0.395219312
<i>SRPK1</i>	-0.273897	0.132493	-2.067256	0.038710068	0.395219312
<i>ERGIC2</i>	0.221042	0.106932	2.067127	0.038722233	0.395219312
<i>HNRNPA0</i>	-0.112035	0.054214	-2.066553	0.038776274	0.395341161
<i>POLDIP2</i>	-0.242816	0.117594	-2.064865	0.03893576	0.396536646
<i>RAB11FIP5</i>	-1.070835	0.518828	-2.06395	0.039022479	NA
<i>ABHD12</i>	-0.439992	0.213318	-2.062612	0.03914948	0.39815827
<i>SLC25A1</i>	-0.316675	0.153555	-2.062294	0.039179791	0.39815827
<i>GKAP1</i>	0.288437	0.139913	2.061551	0.039250492	0.39827542
<i>AHCYL1</i>	0.270482	0.131224	2.061225	0.039281537	0.39827542
<i>BRWD1</i>	-0.219949	0.106728	-2.060837	0.039318564	0.39827542
<i>CRNDE</i>	-1.620745	0.787312	-2.058579	0.039534576	NA
<i>ENSG00000268516</i>	0.355781	0.172881	2.057952	0.039594724	0.400640579
<i>ENSG00000262222</i>	-0.600937	0.292107	-2.057246	0.039662613	0.400895523
<i>DLG2</i>	1.15147	0.559793	2.056955	0.039690545	NA
<i>DTX3L</i>	0.516388	0.251104	2.056468	0.039737448	0.401100313
<i>UBQLN1</i>	0.265586	0.129167	2.056147	0.039768306	0.401100313
<i>CHCHD3</i>	-0.220864	0.107462	-2.055275	0.039852417	0.401435006
<i>RBM12B</i>	0.376819	0.183386	2.054791	0.039899162	0.401435006
<i>DHX57</i>	-0.377611	0.183907	-2.05327	0.040046439	0.401435006
<i>MRPL14</i>	-0.211942	0.103237	-2.052972	0.040075316	0.401435006
<i>TERF2IP</i>	0.221451	0.107874	2.052861	0.040086033	0.401435006
<i>BAG1</i>	-0.190218	0.092665	-2.052758	0.040096102	0.401435006
<i>CDK5RAP2</i>	-0.321694	0.156717	-2.05271	0.040100749	0.401435006
<i>DOCK8</i>	0.284733	0.138764	2.051927	0.040176786	0.4015242
<i>UBE2J2</i>	-0.210887	0.102784	-2.051737	0.040195181	0.4015242
<i>LPCAT4</i>	0.345506	0.168736	2.047608	0.040598428	0.405121402
<i>NUDT12</i>	0.8107	0.396047	2.04698	0.040660086	NA
<i>CHCHD5</i>	-0.294622	0.14393	-2.046973	0.040660719	0.405312264
<i>TMEM231</i>	-1.153115	0.563584	-2.046039	0.040752513	NA
<i>PRR13</i>	-0.145965	0.071372	-2.045114	0.040843586	0.4053796
<i>CYB5R3</i>	0.24117	0.117943	2.044796	0.040874939	0.4053796
<i>KLC4</i>	0.428557	0.209721	2.043461	0.041006792	0.4053796
<i>HIST1H2BN</i>	0.537565	0.263091	2.043267	0.04102599	0.4053796
<i>CHMP2B</i>	0.224817	0.11004	2.043058	0.04104666	0.4053796
<i>RSBN1L</i>	0.180861	0.088525	2.043049	0.041047562	0.4053796
<i>MZF1</i>	0.409398	0.200526	2.041622	0.041189088	0.4053796
<i>PF4</i>	3.158337	1.546978	2.041617	0.0411895	NA
<i>RACK1</i>	0.116613	0.057123	2.041433	0.041207838	0.4053796
<i>CEP57</i>	0.185106	0.090686	2.041179	0.041233018	0.4053796
<i>ZNF865</i>	-0.548254	0.268644	-2.040817	0.041269055	0.4053796
<i>AZIN1</i>	-0.260124	0.127463	-2.040782	0.041272465	0.4053796
<i>APH1B</i>	-0.40471	0.198318	-2.040716	0.041279068	0.4053796
<i>RAB9A</i>	0.342886	0.168023	2.040704	0.041280241	0.4053796
<i>ZBTB1</i>	0.296125	0.145139	2.040286	0.041321809	0.4053796
<i>DAD1</i>	-0.169094	0.082881	-2.04019	0.041331437	0.4053796
<i>ENSG00000224521</i>	-1.733902	0.849903	-2.040118	0.041338565	NA

<i>TMED4</i>	-0.208415	0.102168	-2.039921	0.041358217	0.4053796
<i>ZMIZ2</i>	-0.396226	0.194288	-2.03937	0.041413147	0.405494737
<i>EFHB</i>	1.581973	0.775981	2.038674	0.041482624	NA
<i>FUT7</i>	1.506134	0.739024	2.038004	0.041549517	NA
<i>NUP188</i>	0.430951	0.2115	2.037595	0.041590454	0.406298289
<i>RAB30</i>	0.176617	0.086684	2.037496	0.041600387	0.406298289
<i>DRAM1</i>	-0.518963	0.254737	-2.03725	0.041625022	0.406298289
<i>USP44</i>	0.681509	0.334635	2.036576	0.041692524	NA
<i>HNRNPA1L2</i>	-0.321812	0.158031	-2.036385	0.04171167	0.406721273
<i>CENPF</i>	-0.748229	0.367497	-2.036015	0.041748876	NA
<i>TUNAR</i>	-1.372752	0.674335	-2.035713	0.041779171	NA
<i>RUBCNL</i>	-0.21954	0.107853	-2.035547	0.04179588	0.407119618
<i>SERGEF</i>	0.37133	0.182601	2.033562	0.041995823	0.408643297
<i>MED21</i>	0.356508	0.17551	2.031275	0.042227128	0.409558319
<i>CD2</i>	-2.600764	1.28053	-2.031006	0.042254393	NA
<i>HNRNPL</i>	-0.266722	0.131377	-2.030197	0.042336471	0.409558319
<i>MYL12A</i>	0.1294	0.06374	2.030111	0.042345287	0.409558319
<i>EEFSEC</i>	-0.323095	0.159164	-2.029953	0.042361326	0.409558319
<i>KLC1</i>	0.301492	0.148545	2.029633	0.04239388	0.409558319
<i>RPF2</i>	0.307267	0.151415	2.029312	0.042426495	0.409558319
<i>ENSG00000246790</i>	-0.623532	0.307271	-2.029255	0.042432326	0.409558319
<i>MRPL21</i>	0.23687	0.116737	2.029095	0.042448581	0.409558319
<i>HSPE1</i>	0.160059	0.078903	2.028542	0.042504932	0.409558319
<i>MAU2</i>	-0.362268	0.178618	-2.028176	0.04254227	0.409558319
<i>CNBD2</i>	-0.451097	0.222445	-2.027908	0.04256964	0.409558319
<i>ENSG00000259038</i>	-0.675706	0.333315	-2.027229	0.042639016	NA
<i>NACA</i>	0.12199	0.060214	2.025926	0.042772392	0.410323033
<i>DHX15</i>	0.257623	0.127165	2.025885	0.042776532	0.410323033
<i>ZBED1</i>	-0.368215	0.181758	-2.025849	0.042780218	0.410323033
<i>VPS37C</i>	-0.66734	0.32955	-2.025005	0.042866847	NA
<i>MEX3C</i>	0.294154	0.145345	2.023838	0.042986827	0.410428198
<i>ENSG00000283103</i>	0.311725	0.154046	2.023591	0.043012232	0.410428198
<i>ENSG00000273270</i>	-0.471284	0.232908	-2.023481	0.043023581	0.410428198
<i>INPP5B</i>	0.346979	0.171485	2.02338	0.043034027	0.410428198
<i>KCNK6</i>	0.458079	0.2264	2.023315	0.043040724	0.410428198
<i>COPG2</i>	-0.585705	0.289496	-2.023191	0.043053437	0.410428198
<i>ITGB2.AS1</i>	-1.8836	0.931132	-2.022914	0.043082027	NA
<i>C1orf35</i>	0.202304	0.100044	2.022151	0.043160803	0.410545591
<i>ANKLE2</i>	-0.330305	0.163349	-2.022079	0.043168238	0.410545591
<i>PMF1</i>	-0.222601	0.1101	-2.021801	0.043196916	0.410545591
<i>MIB1</i>	0.542843	0.268606	2.020965	0.043283426	0.410659524
<i>HIP1R</i>	-0.269899	0.133558	-2.02084	0.043296372	0.410659524
<i>ZNF74</i>	0.855972	0.423813	2.019695	0.043415008	NA
<i>ENSG00000261770</i>	0.890543	0.4411	2.018914	0.043496146	NA
<i>SPN</i>	-0.868668	0.430413	-2.018221	0.043568221	NA
<i>TMUB1</i>	-0.223652	0.110824	-2.018096	0.043581316	0.412928502
<i>ENSG00000271133</i>	-1.70875	0.846858	-2.017754	0.043616939	NA



<i>ATP5IF1</i>	-0.124159	0.06155	-2.017208	0.043673761	0.412928502
<i>CBX6</i>	-0.173391	0.085967	-2.016961	0.043699625	0.412928502
<i>ZBTB43</i>	-0.347655	0.172376	-2.016847	0.043711494	0.412928502
<i>HSPA8</i>	0.257992	0.127962	2.016158	0.043783442	0.41319248
<i>ARL2BP</i>	-0.257589	0.127824	-2.015185	0.043885239	0.413737344
<i>IGHA2</i>	-0.968913	0.480942	-2.014615	0.043945053	0.413752165
<i>ZNF174</i>	0.491474	0.243989	2.01433	0.043974937	0.413752165
<i>ENSG00000234936</i>	-0.847418	0.421195	-2.011939	0.044226389	NA
<i>SIGIRR</i>	-0.217889	0.108312	-2.01169	0.044252668	0.415948503
<i>CEP295</i>	0.32575	0.162008	2.010709	0.044356173	0.416103904
<i>FGD2</i>	0.201837	0.100382	2.010694	0.044357828	0.416103904
<i>CEP95</i>	0.304247	0.151403	2.009516	0.044482441	0.416603229
<i>MANF</i>	0.240253	0.119567	2.009352	0.044499791	0.416603229
<i>ZNF138</i>	0.370673	0.184644	2.0075	0.04469647	0.417650493
<i>THOC6</i>	-0.277715	0.138342	-2.007461	0.044700612	0.417650493
<i>INPP5K</i>	-0.388239	0.19352	-2.006198	0.044835093	0.418021336
<i>VDAC1</i>	0.313071	0.156088	2.005726	0.0448855	0.418021336
<i>FNIP1</i>	-0.265683	0.132469	-2.005629	0.044895855	0.418021336
<i>ZNF785</i>	0.340177	0.169651	2.005164	0.044945528	0.418021336
<i>TXLNG</i>	0.349464	0.174296	2.005001	0.044962891	0.418021336
<i>COLCA2</i>	-0.888989	0.443481	-2.004571	0.045008941	NA
<i>ANKRD12</i>	-0.178774	0.089232	-2.00347	0.045126864	0.418624462
<i>TEX264</i>	-0.214608	0.107157	-2.002751	0.045204007	0.418624462
<i>ACSF3</i>	0.276478	0.138055	2.002664	0.045213386	0.418624462
<i>ALG13</i>	-0.231193	0.115445	-2.002628	0.045217218	0.418624462
<i>CLSPN</i>	-1.136596	0.567576	-2.002544	0.045226309	NA
<i>BCR</i>	0.451057	0.225281	2.002198	0.045263466	0.418624462
<i>DTD2</i>	-0.473358	0.236454	-2.001902	0.045295256	0.418624462
<i>AEBP2</i>	0.349603	0.174708	2.001074	0.04538438	0.419035718
<i>TAF6L</i>	-0.682853	0.341438	-1.999931	0.045507764	0.419762188
<i>GINM1</i>	0.305392	0.152792	1.998745	0.045635906	0.420230332
<i>MGAT5B</i>	-0.594044	0.297225	-1.998633	0.045648023	0.420230332
<i>ZBP2</i>	-1.135336	0.569019	-1.995253	0.046015245	NA
<i>NINL</i>	-1.296684	0.65003	-1.994805	0.046064104	NA
<i>DPH5</i>	0.293308	0.14711	1.993798	0.046174082	0.42436526
<i>MIS12</i>	0.322968	0.161996	1.993675	0.046187571	0.42436526
<i>SOCS4</i>	0.423835	0.212727	1.992389	0.04632841	0.425243177
<i>CDKN1B</i>	0.180564	0.090681	1.991198	0.046459149	0.425903445
<i>CTDP1</i>	-0.648776	0.325897	-1.990737	0.046509789	0.425903445
<i>NOP9</i>	0.638462	0.320787	1.990301	0.046557817	NA
<i>SURF4</i>	-0.252835	0.127044	-1.990133	0.046576309	0.425903445
<i>RPL21</i>	0.121054	0.060838	1.989762	0.046617126	0.425903445
<i>ARHGAP30</i>	0.204894	0.102979	1.989672	0.046627129	0.425903445
<i>LDB1</i>	0.767572	0.38578	1.98966	0.046628353	NA
<i>TTC7A</i>	-0.374097	0.188098	-1.988845	0.046718282	0.426321352
<i>P2RX1</i>	-0.350855	0.176514	-1.98769	0.046846	0.42707179
<i>GATC</i>	0.338515	0.170347	1.98721	0.046899162	0.42714174

<i>BTBD3</i>	-0.709347	0.35709	-1.986467	0.046981447	NA
<i>ELMO3</i>	-0.759993	0.382653	-1.986117	0.047020336	NA
<i>KMT2A</i>	0.198344	0.099866	1.986102	0.047021946	0.427845034
<i>TAF9</i>	-0.213637	0.107623	-1.985039	0.047140136	0.428505207
<i>HMGCL</i>	0.319202	0.160865	1.984287	0.047223874	0.428851236
<i>TCF25</i>	0.152731	0.076999	1.983543	0.047306848	0.429078598
<i>PRADC1</i>	-0.476493	0.240288	-1.983007	0.047366667	0.429078598
<i>IGIP</i>	0.918936	0.463447	1.982829	0.047386521	NA
<i>INSR</i>	-0.590533	0.29788	-1.982451	0.047428746	0.429078598
<i>TRAF3IP1</i>	-0.683633	0.34485	-1.982408	0.04743358	NA
<i>SYK</i>	0.173307	0.087427	1.982304	0.047445246	0.429078598
<i>NIPAL2</i>	0.784683	0.395861	1.982218	0.047454874	NA
<i>BSDC1</i>	0.199557	0.100684	1.982017	0.047477387	0.429078598
<i>IER2</i>	-0.177019	0.089357	-1.981042	0.047586522	0.429647581
<i>EXOSC7</i>	-0.27955	0.141141	-1.980638	0.047631856	0.429647581
<i>NREP</i>	-0.40684	0.205528	-1.979489	0.047761032	0.430399316
<i>NDC80</i>	1.199463	0.60616	1.978789	0.047839804	NA
<i>PSME3</i>	-0.359801	0.181907	-1.977939	0.047935604	0.430913836
<i>SLTM</i>	0.149808	0.07574	1.977925	0.04793712	0.430913836
<i>SNHG30</i>	-0.262755	0.132855	-1.97776	0.0479558	0.430913836
<i>P4HB</i>	-0.193851	0.098045	-1.977163	0.048023217	0.431107081
<i>CDK6</i>	-0.533176	0.269922	-1.975296	0.048234592	0.432455343
<i>VAMP2</i>	-0.153303	0.077621	-1.975023	0.048265516	0.432455343
<i>KLHL5</i>	-0.372646	0.188746	-1.974321	0.048345284	0.432757122
<i>TOMM34</i>	0.329322	0.166912	1.97303	0.048492097	0.433590982
<i>ZNF28</i>	0.655319	0.332195	1.972691	0.04853079	0.433590982
<i>SAR1B</i>	0.307308	0.155892	1.971285	0.048691247	0.433851034
<i>TMEM187</i>	0.510546	0.259	1.97122	0.048698742	0.433851034
<i>RND1</i>	-0.577673	0.293069	-1.971118	0.048710405	0.433851034
<i>BET1L</i>	0.298595	0.151508	1.970818	0.048744711	0.433851034
<i>NIPSNAP2</i>	-0.188966	0.095934	-1.969752	0.048866781	0.434525635
<i>CLK3</i>	0.182957	0.092935	1.968656	0.04899264	0.435232632
<i>SCAF11</i>	0.121093	0.061589	1.966159	0.049280288	0.437374202
<i>PAQR4</i>	-1.475493	0.750484	-1.966054	0.04929243	NA
<i>NAGK</i>	0.245674	0.125043	1.964717	0.049446995	0.438037442
<i>IARS2</i>	0.303225	0.154336	1.964706	0.049448316	0.438037442
<i>MREG</i>	-0.733682	0.373648	-1.963565	0.049580566	NA
<i>MYL6</i>	-0.135468	0.069009	-1.963049	0.049640463	0.438342841
<i>SMIM12</i>	-0.188649	0.096102	-1.963015	0.049644406	0.438342841
<i>ARRDC2</i>	-0.258979	0.131937	-1.962889	0.049659089	0.438342841
<i>RAN</i>	0.130253	0.066361	1.962799	0.049669519	0.438342841
<i>ZFP62</i>	-0.296203	0.150986	-1.961785	0.049787473	0.438391688
<i>ADAMTS7</i>	-0.740964	0.377717	-1.961692	0.049798326	0.438391688
<i>TSGA10</i>	0.485954	0.247759	1.961398	0.049832555	0.438391688
<i>CLOCK</i>	-0.288394	0.147054	-1.961148	0.049861802	0.438391688

<b>Cluster 2</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>ARRDC3</i>	-1.177752	0.110552	-10.65342	< 2.22e-16	< 2.22e-16
<i>NFKBIA</i>	-0.519261	0.069716	-7.448257	9.46E-14	3.14E-10
<i>H3F3B</i>	-0.3961	0.054845	-7.222115	5.12E-13	1.13E-09
<i>CD83</i>	-0.465405	0.065285	-7.128808	1.01E-12	1.68E-09
<i>CKS2</i>	1.220771	0.183998	6.634679	3.25E-11	4.32E-08
<i>GPR183</i>	0.855737	0.146652	5.835136	5.37E-09	5.95E-06
<i>CHORDC1</i>	0.751185	0.135081	5.560986	2.68E-08	2.54E-05
<i>CHMP6</i>	-0.798552	0.148419	-5.380405	7.43E-08	6.17E-05
<i>RSRP1</i>	0.398926	0.074696	5.340668	9.26E-08	6.83E-05
<i>SMIM10</i>	-3.791334	0.710869	-5.333376	9.64E-08	NA
<i>GATD3</i>	4.608235	0.895634	5.145222	2.67E-07	0.00017737
<i>CDKN1A</i>	-0.777446	0.152389	-5.101708	3.37E-07	0.000203124
<i>CD79B</i>	-0.30552	0.061409	-4.9752	6.52E-07	0.000336284
<i>CLK1</i>	0.536565	0.107891	4.973194	6.59E-07	0.000336284
<i>NOP10</i>	0.268179	0.055204	4.857916	1.19E-06	0.000562466
<i>HMGB2</i>	-0.404119	0.086356	-4.679673	2.87E-06	0.001271543
<i>ARL17A</i>	-0.719897	0.154759	-4.651723	3.29E-06	0.001365657
<i>TAGAP</i>	-0.52709	0.113688	-4.636295	3.55E-06	0.001385039
<i>BLNK</i>	0.327873	0.072122	4.546109	5.46E-06	0.001997552
<i>ERP29</i>	0.28176	0.062109	4.536572	5.72E-06	0.001997552
<i>ATF7IP2</i>	-0.688388	0.152688	-4.508469	6.53E-06	0.002167211
<i>CXCR4</i>	0.180207	0.040347	4.466365	7.96E-06	0.002514843
<i>KRTCAP2</i>	-0.298987	0.067355	-4.438965	9.04E-06	0.002633078
<i>IGHD</i>	-0.443708	0.100003	-4.436971	9.12E-06	0.002633078
<i>MIF</i>	-0.405706	0.092884	-4.367875	1.25E-05	0.003470044
<i>SLC3A2</i>	-0.485364	0.112259	-4.323628	1.53E-05	0.003894959
<i>TTC32</i>	-0.70869	0.16416	-4.31706	1.58E-05	0.003894959
<i>TIMM10</i>	-0.522847	0.121124	-4.316633	1.58E-05	0.003894959
<i>SNHG9</i>	-0.479621	0.112649	-4.257672	2.07E-05	0.004897097
<i>EMP3</i>	-0.395834	0.09465	-4.182092	2.89E-05	0.006265733
<i>HSBP1</i>	0.355446	0.085127	4.175497	2.97E-05	0.006265733
<i>RPL8</i>	0.378487	0.090702	4.172846	3.01E-05	0.006265733
<i>IGLC2</i>	-0.417639	0.100107	-4.171912	3.02E-05	0.006265733
<i>LCN8</i>	3.779297	0.91018	4.15225	3.29E-05	0.006622356
<i>C16orf74</i>	-0.626001	0.151076	-4.143606	3.42E-05	0.00662472
<i>C7orf50</i>	-0.46358	0.112011	-4.138687	3.49E-05	0.00662472
<i>ENSG00000273319</i>	0.595867	0.144949	4.110884	3.94E-05	0.007118565
<i>PIM1</i>	-0.484403	0.117878	-4.109343	3.97E-05	0.007118565
<i>JMJD6</i>	0.803095	0.196072	4.095909	4.21E-05	0.007345732
<i>SRSF5</i>	-0.310027	0.075984	-4.080149	4.50E-05	0.007660381
<i>ENSG00000272211</i>	-1.000086	0.247674	-4.03792	5.39E-05	0.008949206
<i>DNAJA1</i>	0.449953	0.11191	4.020684	5.80E-05	0.009364755
<i>TCL1B</i>	-1.397902	0.348103	-4.015767	5.93E-05	0.009364755
<i>RIN3</i>	0.699153	0.174454	4.00766	6.13E-05	0.009466618
<i>CLEC2D</i>	-0.4074	0.102081	-3.99093	6.58E-05	0.009929051
<i>GPR18</i>	0.915276	0.230187	3.976223	7.00E-05	NA

<i>SLC50A1</i>	-0.471271	0.118949	-3.961948	7.43E-05	0.010966079
<i>CCT8</i>	0.604433	0.152816	3.955306	7.64E-05	0.011030136
<i>ENSG00000235078</i>	0.897166	0.227923	3.936271	8.28E-05	NA
<i>RBM3</i>	-0.381252	0.097665	-3.903668	9.47E-05	0.013381326
<i>H2AFZ</i>	0.270115	0.069346	3.895181	9.81E-05	0.01356992
<i>ENSG00000224505</i>	-0.518755	0.134323	-3.862001	0.00011246	0.015156338
<i>CIRBP</i>	-0.20865	0.054078	-3.858332	0.00011416	0.015156338
<i>ADAMTS6</i>	1.038987	0.270359	3.842992	0.00012154	0.015819682
<i>GPR65</i>	0.582748	0.1529	3.811294	0.00013824	0.017402028
<i>TCTN1</i>	-1.118132	0.293763	-3.806232	0.0001411	0.017402028
<i>PNPLA8</i>	0.372045	0.097767	3.805418	0.00014157	0.017402028
<i>YWHAE</i>	0.332198	0.087523	3.795569	0.00014731	0.01753509
<i>C6orf226</i>	-0.657625	0.173309	-3.794517	0.00014793	0.01753509
<i>SRSF11</i>	0.243417	0.06425	3.788566	0.00015152	0.017645355
<i>FCGR2B</i>	0.781868	0.207361	3.770556	0.00016288	0.018635642
<i>GAPT</i>	0.454182	0.120589	3.766371	0.00016564	0.018635642
<i>MED21</i>	0.590251	0.157641	3.744268	0.00018092	0.019823043
<i>GLRX</i>	0.411067	0.109836	3.742547	0.00018216	0.019823043
<i>ATP6VOE2</i>	-0.748252	0.202734	-3.690805	0.00022355	0.023933828
<i>TDG</i>	0.414617	0.113062	3.667155	0.00024526	0.025842274
<i>CYB5A</i>	-0.615565	0.168883	-3.644924	0.00026747	0.027691383
<i>SCRN1</i>	1.100879	0.30231	3.641552	0.000271	NA
<i>MRPL32</i>	0.368212	0.101178	3.639261	0.00027342	0.027691383
<i>ZBED2</i>	1.836315	0.505329	3.633903	0.00027917	NA
<i>EPS15</i>	-0.598349	0.164815	-3.630421	0.00028296	0.027691383
<i>ZFAND2A</i>	-0.550626	0.151758	-3.628322	0.00028527	0.027691383
<i>PPM1K</i>	0.261652	0.072149	3.626555	0.00028723	0.027691383
<i>PMF1</i>	-0.388777	0.107219	-3.626002	0.00028784	0.027691383
<i>SMIM4</i>	-0.430031	0.119555	-3.596922	0.00032201	0.030535312
<i>PTGIR</i>	-1.757506	0.490371	-3.584032	0.00033833	NA
<i>TNFSF10</i>	0.593193	0.16605	3.572367	0.00035377	0.033074967
<i>JADE1</i>	0.430241	0.1214	3.543992	0.00039412	0.035693292
<i>TMEM9B</i>	-0.392535	0.110957	-3.537736	0.00040357	0.035693292
<i>MRPL54</i>	-0.395262	0.111741	-3.537295	0.00040425	0.035693292
<i>UBE2L3</i>	-0.254563	0.072021	-3.534546	0.00040848	0.035693292
<i>SLC16A7</i>	0.448153	0.126796	3.534427	0.00040866	0.035693292
<i>BOLA2B</i>	-0.656056	0.186723	-3.513531	0.00044219	0.038057031
<i>PSMA4</i>	-0.262787	0.074857	-3.510544	0.00044719	0.038057031
<i>STX7</i>	0.275863	0.07883	3.499448	0.00046622	0.039174463
<i>EXOSC3</i>	0.511944	0.146527	3.493869	0.00047608	0.039502285
<i>CREBRF</i>	0.307288	0.088038	3.490393	0.00048231	0.03952566
<i>PIGF</i>	0.670396	0.19241	3.484197	0.00049362	0.03995878
<i>HSPE1</i>	0.251856	0.072368	3.480204	0.00050103	0.040070533
<i>ZCCHC9</i>	0.472834	0.136043	3.475622	0.00050967	0.040276106
<i>TNFRSF14</i>	0.216856	0.062655	3.461119	0.00053793	0.041575926
<i>SNAPC3</i>	0.435739	0.125908	3.460764	0.00053865	0.041575926
<i>AP4B1</i>	0.930623	0.269796	3.449359	0.00056192	NA

<i>PDE4DIP</i>	-0.730859	0.212573	-3.438153	0.0005857	0.044440773
<i>IL21R</i>	-0.841727	0.244958	-3.436215	0.0005899	NA
<i>COMMD3</i>	-0.391135	0.113848	-3.435582	0.00059128	0.044440773
<i>IFIT2</i>	0.696895	0.203159	3.430294	0.00060293	0.044440773
<i>CYTIP</i>	0.236633	0.06899	3.429976	0.00060363	0.044440773
<i>ELMSAN1</i>	0.389727	0.113707	3.427469	0.00060924	0.044440773
<i>ROR1</i>	-1.299246	0.379567	-3.422969	0.00061941	NA
<i>IZUMO4</i>	-0.707578	0.207504	-3.409944	0.00064976	0.046881794
<i>RPL30</i>	0.155733	0.046092	3.378734	0.0007282	0.051161528
<i>RHOH</i>	0.241595	0.07151	3.378473	0.0007289	0.051161528
<i>DMAC2L</i>	-0.333608	0.098861	-3.374534	0.00073941	0.051161528
<i>ZNF441</i>	-0.663633	0.196749	-3.372991	0.00074356	0.051161528
<i>UCP2</i>	-0.344525	0.102237	-3.369861	0.00075206	0.051161528
<i>CD48</i>	0.333025	0.09886	3.368668	0.00075532	0.051161528
<i>WDR13</i>	-0.358117	0.106677	-3.357012	0.0007879	0.052828943
<i>SGK1</i>	-1.622911	0.484192	-3.351795	0.0008029	NA
<i>EIF4A2</i>	0.220356	0.066073	3.335052	0.00085284	0.056611173
<i>ENSG00000237596</i>	-1.005042	0.30171	-3.331156	0.00086486	NA
<i>IL23A</i>	-1.016229	0.305228	-3.329407	0.00087031	0.056663465
<i>IL2RG</i>	-0.410417	0.123275	-3.329284	0.0008707	0.056663465
<i>CRIP1</i>	0.406671	0.122514	3.319372	0.0009022	0.058143904
<i>POU2AF1</i>	-0.343366	0.103625	-3.313531	0.00092126	0.058292334
<i>UBE2J2</i>	-0.331044	0.099914	-3.313285	0.00092207	0.058292334
<i>ENSG00000237491</i>	-0.854833	0.258775	-3.303381	0.00095527	NA
<i>PRICKLE1</i>	0.844305	0.255656	3.302497	0.00095828	0.059695566
<i>LIMD2</i>	-0.235713	0.071399	-3.301337	0.00096225	0.059695566
<i>NFX1</i>	0.386971	0.117462	3.294432	0.00098621	0.060406824
<i>LRIF1</i>	0.481814	0.146412	3.290818	0.00099897	0.060406824
<i>TMEM243</i>	0.245528	0.074623	3.290241	0.00100102	0.060406824
<i>RPS9</i>	0.296649	0.090295	3.285353	0.00101855	0.060910845
<i>ZNF564</i>	-0.9478	0.290249	-3.265477	0.0010928	NA
<i>MSMP</i>	-0.692931	0.212248	-3.264732	0.00109568	0.0643658
<i>CYTH1</i>	-0.319651	0.097911	-3.264723	0.00109571	0.0643658
<i>MME</i>	-2.329112	0.717147	-3.247748	0.00116322	NA
<i>TPI1</i>	-0.177085	0.054558	-3.245794	0.00117123	0.068198679
<i>SAYSD1</i>	0.441649	0.136225	3.242062	0.00118668	0.068497346
<i>ANAPC15</i>	-0.519052	0.160439	-3.235196	0.00121559	0.069561277
<i>TAGLN2</i>	-0.282729	0.087631	-3.226362	0.00125375	0.071131305
<i>PTPMT1</i>	-0.407196	0.126389	-3.221766	0.00127403	0.071669699
<i>SCN3A</i>	1.319171	0.410129	3.216475	0.00129776	NA
<i>ENSG00000259001</i>	1.439227	0.448179	3.211276	0.00132147	NA
<i>DBI</i>	-0.256013	0.079723	-3.211269	0.0013215	0.07371532
<i>NRROS</i>	-0.546232	0.170326	-3.206977	0.00134138	0.074200514
<i>DTX3L</i>	0.548116	0.171045	3.204511	0.00135292	0.074220598
<i>KRCC1</i>	0.274702	0.085806	3.201446	0.0013674	0.074399878
<i>KIAA0040</i>	0.594552	0.186143	3.194059	0.00140287	0.075709556
<i>MRNIP</i>	0.362635	0.113625	3.19151	0.00141531	0.075764782

ZC3H12A	-0.503614	0.158215	-3.183092	0.00145711	0.077378534
DYNLL1	0.403626	0.126941	3.179623	0.00147467	0.07768936
DOCK9.DT	-1.802569	0.56736	-3.177116	0.00148748	NA
FADS1	-0.571351	0.180151	-3.171514	0.00151647	0.079262185
ING3	-0.339441	0.10733	-3.162604	0.00156365	0.081089727
ABTB1	-0.280605	0.088842	-3.158466	0.00158602	0.081612388
ZBTB16	1.920903	0.608894	3.154742	0.0016064	NA
TMEM60	0.398212	0.126299	3.152917	0.00161648	0.082360607
IGHG1	1.33429	0.423433	3.15112	0.00162646	0.082360607
THAP5	0.456929	0.145122	3.148577	0.00164067	0.082360607
TNFAIP8L2	0.587545	0.186707	3.146887	0.00165019	0.082360607
MARCHF7	-0.312542	0.099685	-3.135289	0.00171685	0.085048152
SIGLEC5	1.883248	0.600694	3.135122	0.00171783	NA
HHEX	0.388525	0.124006	3.133102	0.0017297	0.0850498
TLE1	-0.793759	0.2537	-3.128734	0.00175561	0.085643246
UBE2I	-0.165457	0.052917	-3.126739	0.00176757	0.085643246
SYNGR2	-0.553756	0.177597	-3.118047	0.00182054	0.087215452
LMO4	0.438017	0.140574	3.115929	0.00183366	0.087215452
NAGK	0.403179	0.129431	3.115002	0.00183943	0.087215452
SAP18	-0.209103	0.067292	-3.107399	0.00188741	0.088087234
CDC42	-0.282256	0.090835	-3.107333	0.00188784	0.088087234
UROD	-0.426598	0.137385	-3.105126	0.00190198	0.088087234
UQCRH	0.196568	0.063333	3.103742	0.0019109	0.088087234
KLHDC7B	-0.903374	0.291816	-3.095695	0.00196352	NA
RPL35A	0.189463	0.061345	3.088475	0.00201187	0.092101847
SYNCRIP	0.391192	0.126746	3.086426	0.00202579	0.09210388
EVI2A	0.503732	0.16355	3.079991	0.00207007	0.093476862
MEGF6	-1.059687	0.344472	-3.076263	0.00209613	NA
CLEC2B	0.417045	0.135657	3.07426	0.00211025	0.094336515
LYRM7	0.311791	0.101485	3.072298	0.00212417	0.094336515
MAVS	0.403705	0.131447	3.071237	0.00213174	0.094336515
THEMIS2	0.971331	0.316823	3.065851	0.00217052	0.09541645
PHKG1	-0.512084	0.167215	-3.062425	0.00219552	0.09588051
NREP	-0.876796	0.286688	-3.058364	0.00222549	NA
IGHG3	1.527124	0.499509	3.057251	0.00223377	0.096582783
MARCHF1	0.401624	0.131408	3.056323	0.0022407	0.096582783
AUP1	-0.243508	0.079827	-3.050461	0.0022849	0.097295085
NDUFS8	-0.248862	0.081588	-3.050246	0.00228654	0.097295085
ENSG00000239636	-0.751415	0.246867	-3.043809	0.00233604	0.097914563
HLA.A	-0.463217	0.152185	-3.043781	0.00233625	0.097914563
HIPK2	0.943667	0.310042	3.043672	0.0023371	NA
TTC7A	-0.5576	0.183264	-3.042612	0.00234535	0.097914563
GINS2	-1.102848	0.363504	-3.033936	0.00241386	NA
ZNF557	0.565987	0.186713	3.031324	0.00243484	0.10101523
ENSG00000279483	-0.285339	0.094472	-3.020356	0.00252478	0.104096145
MT.CO1	0.222812	0.073816	3.018474	0.00254052	0.104098419
ENSG00000263394	0.631845	0.209598	3.014551	0.0025736	0.104807086

<i>COLCA2</i>	-1.381221	0.458436	-3.0129	0.00258764	NA
<i>ARL6IP6</i>	0.369167	0.122548	3.012426	0.00259169	0.104900226
<i>BLOC1S1</i>	-0.211451	0.070291	-3.008202	0.00262798	0.105724474
<i>CAMTA1</i>	-0.306899	0.102261	-3.001143	0.00268968	0.107554905
<i>ENSG00000275964</i>	-1.020822	0.34018	-3.000831	0.00269244	NA
<i>BLVRB</i>	0.661982	0.22106	2.994584	0.0027482	0.108673679
<i>ACAP1</i>	0.369048	0.123333	2.992299	0.00276885	0.108673679
<i>C17orf49</i>	-0.819006	0.273953	-2.98959	0.00279353	0.108673679
<i>ARHGAP30</i>	0.274711	0.091903	2.989135	0.00279768	0.108673679
<i>TMEM138</i>	-0.352863	0.118056	-2.988935	0.00279952	0.108673679
<i>PARVB</i>	0.646323	0.21641	2.986565	0.0028213	0.108882652
<i>EBLN2</i>	0.594972	0.199451	2.983051	0.0028539	0.109066659
<i>ARID5B</i>	-0.325892	0.109268	-2.982512	0.00285893	0.109066659
<i>FXYP7</i>	0.816187	0.274116	2.977521	0.0029059	0.110224898
<i>ZNHIT3</i>	0.261632	0.088185	2.966872	0.00300846	0.111288028
<i>HNRNPA0</i>	-0.141821	0.047827	-2.965296	0.00302392	0.111288028
<i>PILRB</i>	0.694089	0.234122	2.964648	0.00303029	0.111288028
<i>IFIT5</i>	0.529993	0.178795	2.964253	0.00303418	0.111288028
<i>RUBCNL</i>	-0.262173	0.088473	-2.963328	0.00304332	0.111288028
<i>TMC6</i>	-0.339092	0.11443	-2.963306	0.00304354	0.111288028
<i>METTL26</i>	-0.272233	0.091892	-2.962524	0.00305128	0.111288028
<i>RPS5</i>	0.229804	0.077673	2.958613	0.00309027	0.112093934
<i>ENSG00000271204</i>	0.524355	0.17746	2.954779	0.00312893	0.112879456
<i>SNRPA1</i>	-0.287459	0.097347	-2.952928	0.00314776	0.112944981
<i>PPP1R16A</i>	-0.673571	0.228767	-2.94435	0.00323634	NA
<i>MAPK14</i>	0.601882	0.204535	2.942679	0.00325386	0.116095692
<i>HRK</i>	-1.430781	0.486479	-2.941094	0.00327055	0.116095692
<i>FIS1</i>	-0.29289	0.099731	-2.936808	0.00331609	0.116279999
<i>SP140</i>	0.287727	0.097986	2.936405	0.0033204	0.116279999
<i>ST6GALNAC6</i>	-0.355432	0.121074	-2.935669	0.00332829	0.116279999
<i>CERS4</i>	-0.324136	0.110501	-2.93333	0.00335347	0.116546196
<i>DDB2</i>	-0.517366	0.176624	-2.929196	0.0033984	0.117492558
<i>PTPRA</i>	-0.788848	0.26933	-2.928922	0.0034014	NA
<i>GLRX2</i>	0.512648	0.175477	2.921449	0.00348408	0.119830523
<i>NBPF9</i>	0.876661	0.300284	2.919444	0.00350656	NA
<i>RPL19</i>	0.142523	0.048872	2.916232	0.00354287	0.121160197
<i>PHF23</i>	0.395438	0.135666	2.914793	0.00355924	0.121160197
<i>RTL10</i>	0.732556	0.251731	2.91007	0.00361348	NA
<i>LIMD1</i>	-0.907512	0.312354	-2.9054	0.00366784	0.12386072
<i>SRSF6</i>	-0.342588	0.117942	-2.904714	0.00367589	0.12386072
<i>DNAAF2</i>	0.459293	0.158231	2.902675	0.0036999	0.12404008
<i>SAP25</i>	0.730464	0.252072	2.897844	0.00375738	NA
<i>RACK1</i>	0.159888	0.055175	2.897813	0.00375774	0.125346221
<i>ENSG00000266844</i>	-1.715952	0.592891	-2.89421	0.00380114	NA
<i>ZNF426</i>	0.407027	0.140649	2.893927	0.00380457	0.125763709
<i>CFL1</i>	-0.215241	0.074384	-2.893631	0.00380815	0.125763709
<i>SLC2A14</i>	-3.605707	1.248446	-2.888156	0.00387507	NA

<i>ACTN1</i>	2.844679	0.985118	2.887652	0.00388129	NA
<i>GPS2</i>	-0.367503	0.127399	-2.884668	0.00391826	0.128672843
<i>ENSG00000256092</i>	-0.550564	0.190948	-2.883325	0.00393501	0.128672843
<i>C6orf203</i>	0.499207	0.17331	2.880423	0.00397143	0.129227039
<i>UXT</i>	0.209451	0.072955	2.87096	0.00409228	0.132509952
<i>JUND</i>	-0.31461	0.109662	-2.868914	0.00411884	0.132722622
<i>ENSG00000254614</i>	-0.76304	0.266145	-2.867012	0.00414367	NA
<i>ADA</i>	-0.602061	0.210216	-2.864013	0.00418311	0.133465057
<i>SLC5A3</i>	-0.418507	0.146194	-2.862684	0.0042007	0.133465057
<i>MAML3</i>	-1.107093	0.386748	-2.86257	0.0042022	0.133465057
<i>PEX10</i>	-0.586348	0.204967	-2.860699	0.00422708	0.133615873
<i>THEM6</i>	0.789358	0.276362	2.856247	0.00428682	NA
<i>EPB41L2</i>	-0.590689	0.206834	-2.855857	0.00429208	0.135027707
<i>ENSG00000089127</i>	0.482521	0.169054	2.854244	0.00431394	0.135075254
<i>RPL38</i>	0.169596	0.059546	2.848156	0.00439734	0.13704021
<i>SCAND1</i>	-0.223233	0.07842	-2.846619	0.00441863	0.13706001
<i>MED23</i>	-0.578377	0.203351	-2.844227	0.00445193	0.137450794
<i>SLC38A2</i>	0.364225	0.128349	2.837764	0.00454307	0.139506764
<i>EIF3E</i>	0.208432	0.073481	2.836534	0.00456062	0.139506764
<i>CAB39L</i>	-1.175181	0.414606	-2.834452	0.00459043	NA
<i>ASPSCR1</i>	-0.48013	0.169424	-2.833898	0.0045984	0.139506764
<i>MUC20.OT1</i>	-0.372565	0.131481	-2.833607	0.00460259	0.139506764
<i>DRG2</i>	-0.420148	0.148409	-2.831014	0.00464006	0.139856574
<i>PDE4B</i>	0.25732	0.090929	2.829899	0.00465627	0.139856574
<i>ATP6V1C1</i>	0.453115	0.16038	2.825252	0.00472435	0.14126237
<i>CHM</i>	0.631983	0.223919	2.822373	0.00476698	0.141897675
<i>MYCBP2</i>	0.241982	0.085831	2.819274	0.00481324	0.142635222
<i>NAE1</i>	-0.365645	0.129831	-2.816309	0.00485789	0.143318471
<i>PTPN20</i>	-2.618712	0.930067	-2.815619	0.00486834	NA
<i>VAV3.AS1</i>	-1.212294	0.430636	-2.815124	0.00487584	NA
<i>FAM111A.DT</i>	0.526128	0.187411	2.807351	0.00499508	0.146388181
<i>GM2A</i>	0.828694	0.295388	2.805438	0.00502483	0.146388181
<i>SNHG30</i>	-0.374087	0.133353	-2.805228	0.0050281	0.146388181
<i>HLA.C</i>	-0.473834	0.169468	-2.796013	0.00517373	0.14940857
<i>SPATC1L</i>	-0.576267	0.206118	-2.795818	0.00517686	0.14940857
<i>MGST2</i>	-0.93523	0.334741	-2.79389	0.00520782	NA
<i>SNHG32</i>	0.217864	0.078053	2.791226	0.00525088	0.150384931
<i>ST13</i>	0.137263	0.049182	2.790911	0.005256	0.150384931
<i>FAM184B</i>	-1.703321	0.610989	-2.78781	0.00530657	0.151180355
<i>TOMM20</i>	0.231839	0.083218	2.785939	0.00533728	0.151405511
<i>PDE6A</i>	-1.360102	0.488534	-2.784048	0.0053685	NA
<i>NKIRAS2</i>	-0.335691	0.120585	-2.783859	0.00537164	0.151731799
<i>CLECL1</i>	1.392572	0.500736	2.781049	0.00541835	NA
<i>HSPD1</i>	0.293641	0.105789	2.775714	0.00550807	0.154926122
<i>CREG1</i>	0.891341	0.321585	2.77171	0.00557627	NA
<i>EIF5</i>	0.220205	0.079486	2.770369	0.00559928	0.156827039
<i>KCP</i>	-2.303337	0.83183	-2.768998	0.00562289	NA



ASF1A	0.446854	0.161519	2.766574	0.00566487	0.157997421
MRPL35	0.465375	0.168536	2.761274	0.00575764	0.159383877
TIAL1	0.27525	0.099729	2.759986	0.00578038	0.159383877
ICA1L	-0.456645	0.165473	-2.759634	0.00578661	0.159383877
PRMT7	0.552167	0.200281	2.756961	0.00583413	0.160028659
ENSG00000225342	-0.695043	0.252229	-2.755598	0.0058585	NA
IL27RA	0.419602	0.152427	2.752797	0.00590885	0.160755563
PRPF38A	0.256866	0.093316	2.752661	0.00591131	0.160755563
CDCA4	0.495646	0.180253	2.749724	0.00596455	0.160755563
CFAP410	-0.346298	0.125973	-2.74899	0.00597792	0.160755563
MTHFR	0.465091	0.169199	2.748782	0.00598172	0.160755563
INSR	-1.042519	0.379873	-2.744386	0.00606242	NA
GPS1	-0.391351	0.143236	-2.732221	0.00629089	0.16838263
LINC00926	-0.217827	0.079778	-2.730403	0.00632569	0.168634229
ENSG00000224746	-1.240809	0.455704	-2.722839	0.00647235	NA
ISG20L2	0.346455	0.127337	2.72077	0.006513	0.172933276
GATM	0.932994	0.343118	2.719162	0.00654475	NA
KLK1	1.288407	0.474082	2.717687	0.00657399	NA
MRPL17	0.464257	0.170914	2.716324	0.00660112	0.174574687
COL9A3	-1.250024	0.460569	-2.714083	0.00664595	0.175062854
TNFAIP1	0.677419	0.249686	2.713089	0.00666591	NA
APOOL	0.630127	0.232283	2.712748	0.00667277	NA
SUSD3	0.359441	0.132563	2.711466	0.00669865	0.175142349
ORMDL3	-0.407972	0.150504	-2.710702	0.0067141	0.175142349
RPS28	0.176311	0.065059	2.71001	0.00672813	0.175142349
CHL1	1.830075	0.675749	2.708216	0.0067646	NA
SLC23A3	1.006803	0.372102	2.705719	0.00681566	NA
ENSG00000267002	0.337488	0.124895	2.702178	0.00688869	0.177541415
POLR2M	-0.320334	0.118553	-2.702019	0.00689198	0.177541415
LTBP3	0.335759	0.124281	2.701607	0.00690053	0.177541415
IGLV6.57	-0.994622	0.368324	-2.700401	0.0069256	NA
FKBP5	1.031473	0.382043	2.69989	0.00693625	NA
FNIP1	-0.40962	0.151736	-2.699558	0.00694317	0.177948853
ENSG00000274265	-0.276371	0.102437	-2.69797	0.00697637	0.178111979
IFI44	1.015015	0.37812	2.68437	0.00726666	NA
LHFPL4	1.162362	0.433869	2.679063	0.00738286	NA
RAB9A	0.457246	0.170753	2.677822	0.00741027	0.18844412
MAP3K9	0.762881	0.284943	2.677316	0.00742146	NA
CCDC66	0.386815	0.144519	2.676577	0.00743784	0.18844412
NAB2	0.847115	0.317023	2.672096	0.00753792	NA
GRAP2	1.087227	0.407108	2.670612	0.00757132	NA
TNFAIP8	0.320975	0.120221	2.669878	0.00758788	0.191514586
LILRB1	0.467936	0.175652	2.663989	0.00772201	0.194161632
SERP1	0.14527	0.054579	2.661655	0.00777574	0.194775026
CAV1	-1.120652	0.421164	-2.660842	0.00779455	NA
LDHA	-0.343209	0.129074	-2.659009	0.00783708	0.19557356
CD180	0.42468	0.159837	2.656963	0.00788481	0.196027543

<i>NPM1</i>	0.183985	0.069302	2.654816	0.00793516	0.196416569
<i>RNASEK</i>	-0.416085	0.15679	-2.653777	0.00795964	0.196416569
<i>RING1</i>	-0.328167	0.123832	-2.650103	0.00804673	0.1978303
<i>POLE3</i>	-0.256062	0.096679	-2.64857	0.0080833	0.197996135
<i>LETMD1</i>	0.284733	0.107587	2.646539	0.00813202	0.198457271
<i>DHPS</i>	0.223618	0.084591	2.643519	0.00820492	0.199022222
<i>TRIM69</i>	0.435499	0.164787	2.642804	0.00822225	0.199022222
<i>PFKP</i>	-0.942396	0.356716	-2.641864	0.00824512	0.199022222
<i>IFIT3</i>	0.711901	0.269514	2.64142	0.00825592	NA
<i>LY9</i>	0.449578	0.170317	2.639656	0.00829903	0.19918574
<i>ENSG00000253948</i>	-0.793616	0.300801	-2.638342	0.00833126	NA
<i>COL19A1</i>	-0.483302	0.183213	-2.637916	0.00834173	0.19918574
<i>RSBN1L</i>	0.242608	0.09197	2.637908	0.00834192	0.19918574
<i>NEIL1</i>	-0.362759	0.137666	-2.63506	0.00841224	0.200144919
<i>NSMCE1</i>	-0.267368	0.101546	-2.632964	0.00846434	0.200312071
<i>ARF5</i>	-0.300007	0.113974	-2.632244	0.0084823	0.200312071
<i>C15orf61</i>	0.429294	0.163158	2.631144	0.00850979	0.200312071
<i>WIPF2</i>	0.371925	0.141549	2.627526	0.00860082	0.201574678
<i>RNF144B</i>	0.767639	0.29219	2.627193	0.00860925	NA
<i>RHOC</i>	-0.67186	0.25579	-2.626604	0.00862417	0.201574678
<i>RP9</i>	0.51712	0.197189	2.622459	0.00872977	0.20332695
<i>PODXL2</i>	-1.428765	0.54505	-2.621347	0.00875831	NA
<i>OTUD1</i>	0.666187	0.254198	2.620737	0.00877399	NA
<i>HMG20B</i>	-0.252825	0.096491	-2.620206	0.00878768	0.203960128
<i>PPP4R2</i>	0.31663	0.121068	2.615314	0.00891456	0.206184049
<i>NDUFB5</i>	0.222033	0.08504	2.610924	0.0090298	0.20812444
<i>XKR6</i>	1.134278	0.434976	2.607677	0.00911589	NA
<i>ENSG00000272994</i>	-0.402656	0.154419	-2.607552	0.00911923	0.208973808
<i>HCK</i>	-0.630644	0.241889	-2.607162	0.00912962	0.208973808
<i>PSMG3</i>	-0.401087	0.154017	-2.604174	0.00920961	0.209697096
<i>PHF20</i>	0.214318	0.082315	2.603624	0.0092244	0.209697096
<i>BSG</i>	-0.209967	0.08075	-2.60022	0.00931639	0.210434413
<i>ZBTB25</i>	0.453066	0.174251	2.600079	0.00932024	0.210434413
<i>POU2F2</i>	0.275913	0.106266	2.596436	0.00941965	0.211958171
<i>CCDC120</i>	0.982708	0.378604	2.595608	0.00944237	NA
<i>MORC3</i>	0.341039	0.131579	2.5919	0.00954476	0.213837884
<i>DDX6</i>	-0.283449	0.109394	-2.591077	0.00956762	0.213837884
<i>NAA35</i>	0.580176	0.223926	2.590935	0.00957157	NA
<i>XPO4</i>	-0.420877	0.162759	-2.585887	0.00971287	0.21613234
<i>ASNSD1</i>	0.309805	0.119843	2.585089	0.0097354	0.21613234
<i>USP49</i>	-0.866485	0.336194	-2.577338	0.00995646	NA
<i>NFE2L2</i>	0.279894	0.108661	2.575853	0.00999933	0.221251798
<i>NACA</i>	0.142626	0.055409	2.574069	0.01005104	0.221657066
<i>LINC01250</i>	-2.722735	1.057815	-2.573925	0.01005522	NA
<i>MRPL28</i>	-0.241128	0.093748	-2.572088	0.01010873	0.222191214
<i>MINPP1</i>	0.721592	0.280701	2.570672	0.01015013	NA
<i>PCMTD2</i>	-0.366568	0.142913	-2.564976	0.01031831	0.225225992

LINC01215	-0.311626	0.121517	-2.564463	0.01033357	0.225225992
MTPN	0.221086	0.086229	2.563959	0.01034859	0.225225992
MGAT3	1.228248	0.479077	2.563777	0.01035402	NA
LILRA4	1.941654	0.757507	2.563216	0.01037076	NA
SLC25A45	0.567909	0.221708	2.561521	0.01042149	0.225868897
SKAP2	0.245428	0.095844	2.560699	0.01044618	0.225868897
VMAC	-0.558851	0.218247	-2.560639	0.01044798	NA
GALNT2	-0.537012	0.209981	-2.557435	0.01054472	0.226632175
CCDC191	-0.757304	0.296246	-2.556336	0.01057809	0.226632175
CGGBP1	-0.244446	0.095631	-2.556145	0.01058391	0.226632175
ENSG00000261087	0.868756	0.340427	2.55196	0.01071187	NA
FGFR1OP2	0.283897	0.111335	2.549929	0.01077448	0.22997095
ALOX5	-0.274426	0.107723	-2.547506	0.0108496	0.230832149
CHPF2	-0.543453	0.213641	-2.543766	0.01096644	0.232572694
GNG11	1.179621	0.463731	2.543763	0.01096654	NA
SDHAF4	0.957667	0.376538	2.543345	0.01097968	NA
REST	0.282099	0.110976	2.541996	0.01102216	0.232610752
AGTRAP	-0.459464	0.180786	-2.541483	0.01103832	0.232610752
RNF43	-0.739766	0.291237	-2.540087	0.01108249	NA
ZEB1	-0.310664	0.122449	-2.537096	0.01117765	0.234131411
GTF2E2	0.344685	0.135864	2.53699	0.01118103	0.234131411
ENSG00000278834	-1.030856	0.407344	-2.530677	0.01138426	NA
RPL9	0.155734	0.061601	2.528113	0.01146774	0.238632913
TUT7	0.325736	0.128846	2.528108	0.0114679	0.238632913
CHTF18	-0.70264	0.278506	-2.522887	0.0116396	NA
RHBDD2	-0.394263	0.15628	-2.522792	0.01164273	0.240353431
IL13RA1	-0.85679	0.339659	-2.522503	0.0116523	0.240353431
SORL1	-0.493487	0.19565	-2.522294	0.01165921	0.240353431
JUNB	-0.29076	0.115477	-2.517901	0.01180566	0.242462605
GSDMD	-0.346503	0.137678	-2.516761	0.01184392	0.242462605
ENSG00000166685	-0.461943	0.183606	-2.515953	0.0118711	0.242462605
SNAP23	-0.21855	0.086907	-2.514759	0.01191138	0.242536696
MRT04	-0.387307	0.154148	-2.512571	0.0119855	0.242536696
SPESP1	1.527076	0.607803	2.512455	0.01198945	NA
MREG	-0.863258	0.343685	-2.51177	0.01201273	NA
ENSG00000258757	0.584023	0.232524	2.511662	0.01201643	0.242536696
MED11	0.242545	0.096573	2.511531	0.01202088	0.242536696
FHL3	-0.786236	0.313554	-2.507498	0.01215892	NA
TAF9	-0.285624	0.113952	-2.506515	0.01219277	0.245259486
MINDY2	0.381266	0.152302	2.503346	0.01230251	0.246080967
CD69	-0.390544	0.156018	-2.503195	0.01230776	0.246080967
UGT8	0.738404	0.29499	2.503148	0.0123094	NA
PPARD	-0.493075	0.197322	-2.498832	0.01246033	0.248383381
BCAS4	0.36509	0.146208	2.49706	0.01252277	0.248636132
MRPS14	0.251776	0.100886	2.495656	0.01257244	0.248636132
RPSA	0.23382	0.093705	2.495291	0.01258538	0.248636132
OPTN	-0.753233	0.302442	-2.490501	0.01275632	0.250413166

<i>RPS15A</i>	0.172929	0.069436	2.490485	0.0127569	0.250413166
<i>CD40</i>	-0.206197	0.082823	-2.489605	0.0127885	0.250413166
<i>SLC2A1</i>	-0.313428	0.126122	-2.485116	0.01295093	0.252847765
<i>EMC9</i>	-0.486767	0.195902	-2.484743	0.0129645	NA
<i>IFIT1</i>	2.018428	0.81241	2.484492	0.01297363	NA
<i>RAB30</i>	0.212917	0.085742	2.483242	0.01301927	0.253409359
<i>ENSG00000237773</i>	-0.913858	0.368054	-2.482946	0.01303007	NA
<i>FASTK</i>	-0.245613	0.098948	-2.482237	0.01305604	0.253409359
<i>FLYWCH1</i>	0.54623	0.220291	2.479587	0.01315346	NA
<i>DOCK8</i>	0.340323	0.137279	2.479058	0.013173	0.254933974
<i>USF1</i>	-0.667133	0.269478	-2.475652	0.01329932	NA
<i>CFAP73</i>	-1.047877	0.42334	-2.475259	0.01331396	NA
<i>GCNT2</i>	0.684373	0.276925	2.471335	0.01346097	0.259539909
<i>CETN3</i>	0.439238	0.177838	2.46988	0.01351585	0.259539909
<i>JAM3</i>	0.718412	0.290901	2.469608	0.01352612	NA
<i>RANGRF</i>	-0.280088	0.113417	-2.46955	0.01352829	0.259539909
<i>GGCX</i>	-0.499102	0.202299	-2.467147	0.01361943	0.260535326
<i>HSPA8</i>	0.245918	0.099747	2.465403	0.01368593	0.261055248
<i>ADHFE1</i>	1.471291	0.597106	2.464038	0.01373816	NA
<i>RND1</i>	-0.884731	0.359115	-2.463639	0.01375344	NA
<i>ATP6V1D</i>	0.457626	0.185789	2.463147	0.01377234	0.261333908
<i>POLR3K</i>	0.2964	0.120372	2.462377	0.01380194	0.261333908
<i>RPL24</i>	0.160687	0.065276	2.461667	0.01382931	0.261333908
<i>GCNT1</i>	0.837723	0.34057	2.459765	0.0139028	NA
<i>C2orf69</i>	0.385022	0.156529	2.459749	0.01390342	0.261333908
<i>ARPC3</i>	-0.156184	0.063503	-2.459456	0.01391476	0.261333908
<i>ACADVL</i>	-0.212839	0.086559	-2.458889	0.01393676	0.261333908
<i>RAB33A</i>	1.575588	0.641604	2.455702	0.01406098	NA
<i>TRMT13</i>	0.290659	0.118365	2.455618	0.01406424	0.262981451
<i>RNF181</i>	-0.19372	0.078929	-2.454359	0.01411362	0.263163409
<i>ABHD12</i>	-0.601078	0.245126	-2.452114	0.01420197	NA
<i>ZNF860</i>	0.492524	0.200894	2.451654	0.01422012	NA
<i>PURA</i>	0.356434	0.145464	2.450323	0.01427282	0.264829124
<i>TTC19</i>	-0.26316	0.107409	-2.450073	0.01428274	0.264829124
<i>ATP5F1B</i>	-0.230273	0.094166	-2.445401	0.01446911	0.266398949
<i>LINC00662</i>	0.296198	0.121131	2.445274	0.01447422	0.266398949
<i>SLC25A37</i>	0.330138	0.135029	2.444936	0.0144878	0.266398949
<i>ENSG00000271646</i>	-0.577288	0.236195	-2.444113	0.01452089	NA
<i>RPRML</i>	-1.961666	0.806212	-2.43319	0.01496646	NA
<i>VPS26B</i>	-0.807113	0.332356	-2.428458	0.01516319	NA
<i>DPY19L3</i>	-0.754895	0.311465	-2.423687	0.01536385	NA
<i>ENSG00000223478</i>	-0.58899	0.243223	-2.421605	0.01545212	NA
<i>ZNF260</i>	0.473219	0.195753	2.417423	0.01563084	NA
<i>SYNJ2BP</i>	0.277652	0.114862	2.417265	0.01563763	0.2863145
<i>SIDT1.AS1</i>	-0.621963	0.257349	-2.416811	0.01565715	0.2863145
<i>ENSG00000235501</i>	-1.158859	0.479514	-2.416736	0.01566038	NA
<i>LAPTM5</i>	-0.20122	0.083305	-2.415463	0.0157152	0.286586553

<i>BAX</i>	-0.312829	0.129653	-2.41281	0.01583007	0.286993728
<i>PIGS</i>	0.441336	0.18297	2.412073	0.01586213	0.286993728
<i>HIRA</i>	-0.552858	0.229216	-2.411955	0.01586723	0.286993728
<i>CDK7</i>	0.554761	0.230136	2.410577	0.01592732	NA
<i>ALAS1</i>	0.518025	0.214938	2.410115	0.0159475	NA
<i>ENSG00000204802</i>	-1.014382	0.420999	-2.409464	0.01597597	NA
<i>PURB</i>	0.450359	0.187004	2.408288	0.01602752	0.287192474
<i>ERH</i>	-0.218321	0.090664	-2.408018	0.0160394	0.287192474
<i>LPAR5</i>	0.469961	0.195167	2.40799	0.01604061	0.287192474
<i>CLMN</i>	0.645887	0.268253	2.407747	0.01605128	0.287192474
<i>CD5</i>	-0.85502	0.355695	-2.403802	0.01622557	NA
<i>PYGO2</i>	0.371257	0.154463	2.403534	0.01623744	0.28951641
<i>KMT2A</i>	0.211491	0.088017	2.402838	0.0162684	0.28951641
<i>RHOBTB3</i>	1.759852	0.732812	2.401503	0.01632786	NA
<i>HIST1H2BN</i>	0.871351	0.362849	2.401413	0.0163319	NA
<i>ARL11</i>	0.626704	0.261087	2.400364	0.01637878	0.290701388
<i>PIAS2</i>	-0.45379	0.189358	-2.396465	0.01655406	0.292553132
<i>YDJC</i>	-0.219516	0.091614	-2.396085	0.01657125	0.292553132
<i>IRF5</i>	0.613587	0.256123	2.395673	0.01658988	NA
<i>FANCL</i>	0.589617	0.246167	2.395195	0.01661153	NA
<i>MORF4L2</i>	0.254457	0.106241	2.395107	0.01661551	0.292556413
<i>NINJ1</i>	-0.882172	0.368325	-2.39509	0.01661627	NA
<i>DNAJB4</i>	0.613456	0.256273	2.39376	0.01667664	NA
<i>AKAP12</i>	-1.938961	0.810069	-2.393575	0.01668505	NA
<i>CCDC51</i>	0.603294	0.252257	2.391581	0.01677598	NA
<i>FBXL6</i>	-1.259591	0.526687	-2.391537	0.01677797	NA
<i>APBB2</i>	-0.739353	0.309188	-2.391271	0.01679015	0.294849165
<i>TRMT112</i>	0.206043	0.086248	2.388959	0.01689621	0.295350411
<i>ITGB7</i>	0.524978	0.219775	2.388709	0.01690768	0.295350411
<i>ZNF827</i>	0.734557	0.307704	2.387221	0.01697629	NA
<i>TMX2</i>	0.268946	0.112667	2.387096	0.01698206	0.29587112
<i>ENSG00000258017</i>	-1.234596	0.517453	-2.385908	0.01703701	NA
<i>SLC15A2</i>	0.833893	0.349513	2.385873	0.01703866	NA
<i>GPR137</i>	-0.355168	0.148973	-2.384118	0.01712012	0.297433914
<i>TIPARP</i>	-0.414776	0.174064	-2.382894	0.01717712	0.297433914
<i>TLR7</i>	0.77367	0.324741	2.382419	0.0171993	NA
<i>COA5</i>	0.269944	0.113314	2.382272	0.01720618	0.297433914
<i>CYB5RL</i>	0.956372	0.401465	2.382203	0.01720942	NA
<i>INKA1</i>	0.419128	0.176217	2.378472	0.01738456	0.299100679
<i>MCM7</i>	-0.353132	0.148481	-2.378299	0.01739272	0.299100679
<i>DDX5</i>	-0.290524	0.122282	-2.37585	0.01750856	0.300314765
<i>ARL4D</i>	1.062334	0.447179	2.375636	0.01751874	NA
<i>VCIPI1</i>	0.390673	0.164581	2.373742	0.01760887	0.300501029
<i>RPL5</i>	0.167745	0.070681	2.373289	0.01763047	0.300501029
<i>RPL37</i>	0.129717	0.054669	2.372771	0.01765523	0.300501029
<i>ECHDC2</i>	1.158543	0.488589	2.371201	0.01773038	NA
<i>INTS13</i>	0.505084	0.213072	2.370486	0.01776472	NA

SWAP70	0.245541	0.103603	2.370011	0.01778756	0.300710814
EMC8	0.349106	0.147329	2.369565	0.01780901	0.300710814
ATP5IF1	-0.166884	0.07047	-2.368145	0.01787753	0.300710814
TNFRSF13B	1.080443	0.456265	2.368018	0.01788368	0.300710814
PPP1CA	-0.16852	0.071171	-2.367803	0.01789406	0.300710814
RPS6KB2.AS1	-0.910507	0.385323	-2.362971	0.01812907	NA
MAD2L2	-0.289822	0.122717	-2.361706	0.01819105	0.303966517
RENBP	0.596236	0.252622	2.360189	0.01826561	0.303966517
RNF19B	0.949342	0.40234	2.359554	0.01829693	NA
LMBRD1	-0.258254	0.109461	-2.359312	0.01830888	0.303966517
BCAP31	-0.255473	0.108287	-2.359223	0.01831324	0.303966517
PEX13	0.46454	0.19691	2.359152	0.01831675	0.303966517
FAXDC2	1.519125	0.644405	2.357407	0.01840309	NA
ENSG00000272630	1.104355	0.468514	2.357147	0.01841598	NA
POLD3	-0.528557	0.224274	-2.35675	0.01843568	NA
SLC35D1	0.741048	0.314585	2.355635	0.01849109	NA
PPOX	-0.412682	0.175212	-2.355335	0.01850599	0.306341118
SKI	0.576502	0.244936	2.353684	0.01858841	NA
ZNF667.AS1	0.491333	0.208761	2.353566	0.0185943	0.307037184
SAMHD1	-0.95498	0.406065	-2.351792	0.01868321	NA
BATF	1.120456	0.476749	2.350202	0.01876324	NA
ARHGEF3	-0.447753	0.190548	-2.34981	0.01878302	0.309383806
CCDC157	-0.892233	0.379859	-2.348852	0.01883141	NA
SNHG25	-0.336021	0.143075	-2.348564	0.01884595	0.30965201
NPHP3	0.442287	0.188426	2.347279	0.01891109	0.30995506
NDUFB3	0.194162	0.082779	2.345554	0.01899882	0.310625941
CCDC144A	1.423199	0.607817	2.341493	0.01920676	NA
CRIP3	0.698797	0.298453	2.341401	0.01921151	NA
HELZ	0.358712	0.153213	2.341263	0.01921864	0.313447925
KLC4	0.482429	0.206175	2.339902	0.01928879	NA
BIN1	0.260565	0.111393	2.339141	0.01932814	0.313701161
MHENCN	-0.208641	0.089196	-2.339131	0.01932868	0.313701161
IGHV3.30	1.295754	0.554235	2.337916	0.01939159	NA
HNRNPDL	-0.177524	0.076004	-2.335708	0.01950646	0.314370415
TRADD	-0.30522	0.130741	-2.334538	0.01956758	0.314370415
PFKFB3	-0.387987	0.166214	-2.334257	0.01958229	0.314370415
TMX4	-0.277785	0.11905	-2.333349	0.01962981	0.314370415
RPL3	0.133846	0.057402	2.331723	0.01971529	0.314370415
LPIN1	0.56204	0.241186	2.330321	0.01978919	0.314370415
ENSG00000260409	-2.001854	0.859048	-2.330318	0.01978935	NA
LDHB	0.186209	0.079962	2.328703	0.01987479	0.314370415
LSM6	0.277774	0.119286	2.328639	0.01987819	0.314370415
ZC3H12D	-0.625287	0.268559	-2.328301	0.0198961	0.314370415
MRPL50	0.274045	0.117712	2.328101	0.01990674	0.314370415
MYC	0.288218	0.123892	2.326363	0.01999922	0.314370415
FANCF	0.353307	0.151912	2.325733	0.02003281	0.314370415
TOMM7	0.20183	0.086801	2.3252	0.0200613	0.314370415

<i>RAF1</i>	0.297629	0.12801	2.325035	0.02007008	0.314370415
<i>SFR1</i>	-0.329746	0.141836	-2.324844	0.0200803	0.314370415
<i>SGPP1</i>	1.040489	0.447668	2.324242	0.02011252	NA
<i>LACTB2</i>	0.409416	0.176294	2.322348	0.02021419	0.315721794
<i>OAS2</i>	0.398018	0.171525	2.320476	0.02031516	0.316554081
<i>EIF4EBP1</i>	-0.298688	0.128795	-2.31909	0.02039016	0.316978607
<i>DOK3</i>	0.829356	0.357718	2.318461	0.02042426	NA
<i>WRB</i>	0.375994	0.162209	2.317956	0.02045173	0.317192954
<i>TSC22D1</i>	-0.599387	0.25865	-2.317367	0.02048377	NA
<i>RPL26</i>	0.146212	0.063172	2.314514	0.02063957	0.318640168
<i>DEDD2</i>	0.284471	0.122909	2.314487	0.02064105	0.318640168
<i>KBTBD8</i>	0.870275	0.376142	2.313691	0.02068467	NA
<i>WASH9P</i>	-0.419451	0.181349	-2.312948	0.02072548	0.319201251
<i>ENSG00000272106</i>	-0.459681	0.198849	-2.311708	0.02079378	0.31951177
<i>MPEG1</i>	-0.490849	0.212573	-2.309084	0.02093894	0.320999336
<i>GATD3B</i>	-1.275884	0.552572	-2.308992	0.02094403	NA
<i>SPN</i>	-1.036413	0.449064	-2.307939	0.02100253	NA
<i>CLCF1</i>	0.40249	0.174416	2.307638	0.02101927	0.321488235
<i>NR2F6</i>	1.099224	0.476779	2.30552	0.02113745	NA
<i>POLDIP2</i>	-0.26453	0.114791	-2.304451	0.02119734	0.323466525
<i>IFT22</i>	-0.361579	0.157068	-2.302046	0.02133258	0.324409994
<i>TOR3A</i>	-0.28128	0.12221	-2.301615	0.02135691	0.324409994
<i>TPM4</i>	0.237969	0.103544	2.29824	0.02154812	0.326567185
<i>FAM13A.AS1</i>	-0.791225	0.344429	-2.29721	0.02160682	NA
<i>H6PD</i>	-0.430523	0.187481	-2.296354	0.02165562	0.326762007
<i>CFLAR</i>	0.284277	0.123799	2.296288	0.02165943	0.326762007
<i>LY6E.DT</i>	1.308133	0.569716	2.296114	0.02166938	NA
<i>IGHV3.15</i>	-1.437448	0.626262	-2.29528	0.02171707	NA
<i>AASDH</i>	0.406424	0.17707	2.295268	0.02171778	0.326899294
<i>C22orf34</i>	0.808	0.352154	2.294452	0.02176457	NA
<i>SEC24A</i>	0.845711	0.368713	2.293683	0.02180869	NA
<i>KRT10</i>	-0.263607	0.114999	-2.292262	0.02189055	0.328754427
<i>MAT2A</i>	0.246138	0.10745	2.29072	0.02197959	0.329346518
<i>ENSG00000254397</i>	1.082559	0.47268	2.290258	0.02200634	NA
<i>HMGB3</i>	-1.106553	0.483661	-2.287871	0.02214503	NA
<i>INPP5K</i>	-0.472332	0.206667	-2.285476	0.02228495	0.332620607
<i>PRDM8</i>	-0.719139	0.314712	-2.285068	0.02230884	NA
<i>MED10</i>	-0.157061	0.068743	-2.284752	0.02232737	0.332620607
<i>LTBP4</i>	0.518644	0.227038	2.284393	0.02234842	0.332620607
<i>ASAP1</i>	0.567859	0.248948	2.28104	0.02254606	NA
<i>FXYS5</i>	0.202793	0.089043	2.277468	0.02275828	0.337963014
<i>STARD9</i>	0.64671	0.283996	2.277182	0.02277534	NA
<i>MAP3K8</i>	-0.484887	0.213069	-2.275728	0.02286229	0.338043062
<i>P2RY10</i>	0.200851	0.08826	2.275674	0.02286552	0.338043062
<i>SRA1</i>	-0.307967	0.135384	-2.274759	0.02292036	0.338100837
<i>RPL13A</i>	0.118537	0.052143	2.273299	0.02300816	0.338643379
<i>SERPINB6</i>	0.426027	0.187837	2.268069	0.02332502	0.342547585

TRIM32	0.901458	0.397723	2.266547	0.02341794	NA
ENSA	-0.163036	0.071956	-2.265786	0.0234645	0.343238718
TTC21A	0.312417	0.137895	2.265606	0.0234755	0.343238718
EXD3	-0.425364	0.187854	-2.264325	0.02355412	0.34363135
UTP14C	1.01663	0.449	2.264211	0.02356111	NA
ENSG00000274922	-1.438869	0.635843	-2.26293	0.02363998	NA
CERS6	0.956849	0.422891	2.262638	0.02365801	NA
FNTA	0.267567	0.118271	2.262323	0.02367745	0.344431669
NSMCE4A	-0.277282	0.122596	-2.261752	0.02371276	0.344431669
TCL1A	-0.37924	0.167845	-2.25947	0.02385414	0.344648239
NSMAF	0.601224	0.266148	2.258985	0.02388431	0.344648239
ZC3H7A	-0.353375	0.156445	-2.258785	0.02389677	0.344648239
COX17	0.234878	0.104013	2.258165	0.02393535	0.344648239
ENSG00000272758	0.590359	0.261488	2.257694	0.02396472	NA
ZNF747	-0.521229	0.230993	-2.256464	0.02404156	0.345428318
ENSG00000275799	0.417137	0.185033	2.254389	0.02417171	0.345485311
TMEM9	-0.414781	0.18409	-2.253143	0.02425015	0.345485311
BNIP3	0.369202	0.16392	2.252329	0.02430148	0.345485311
PDHA1	-0.370658	0.164622	-2.251572	0.02434932	0.345485311
TPCN1	-0.337874	0.150061	-2.251572	0.0243493	0.345485311
ALDH9A1	0.386823	0.171812	2.251438	0.02435781	0.345485311
KLF8	-0.327316	0.14561	-2.247896	0.02458281	0.346749515
NOTCH2	0.319627	0.142204	2.247667	0.0245974	0.346749515
CDKN1B	0.2471	0.109941	2.24757	0.02460365	0.346749515
GRAMD1C	-0.600071	0.267232	-2.245505	0.02473575	0.347872692
FXYD2	-0.886314	0.394896	-2.244423	0.02480518	0.348111562
BANK1	0.225442	0.100497	2.243268	0.02487955	0.348313878
AFG3L2	-0.391107	0.174534	-2.240872	0.02503437	0.348313878
PTRH1	-0.472092	0.210699	-2.2406	0.02505199	0.348313878
DDX21	0.199816	0.089188	2.240399	0.02506502	0.348313878
IER2	-0.210297	0.093877	-2.240138	0.02508196	0.348313878
RPS8	0.194387	0.086836	2.238565	0.02518421	0.349003781
RAB11FIP1	0.317289	0.141832	2.237076	0.02528138	0.349539074
FRG1	-0.220349	0.09853	-2.236361	0.02532816	0.349539074
RFX7	0.565215	0.25284	2.23546	0.02538714	NA
HSPBAP1	-0.888631	0.397576	-2.235122	0.02540933	0.349548696
TDP1	0.496407	0.222105	2.235011	0.02541663	NA
EIF4B	0.148473	0.066439	2.234744	0.02543417	0.349548696
FAM177B	0.569952	0.255266	2.232779	0.02556352	0.350600448
THR3	1.757718	0.787868	2.23098	0.02568243	NA
CBL	0.417025	0.186934	2.230868	0.02568988	0.350995918
PRNP	-0.375732	0.168433	-2.230744	0.0256981	0.350995918
MANF	0.296335	0.132913	2.229546	0.0257776	0.351358738
OAZ2	-0.178658	0.080232	-2.226782	0.02596188	0.352901902
MIR762HG	-0.727742	0.327033	-2.225283	0.02606222	NA
ZNF844	-0.477927	0.214796	-2.225025	0.02607953	0.352901902
PCIF1	-0.325859	0.146461	-2.224892	0.02608851	0.352901902



<i>POLR3C</i>	-0.455669	0.204826	-2.224669	0.02610347	0.352901902
<i>FALEC</i>	-0.478433	0.215199	-2.223209	0.02620173	0.35329158
<i>ENSG00000272990</i>	-0.890217	0.400567	-2.222391	0.02625689	NA
<i>C9orf72</i>	-0.365745	0.164596	-2.222081	0.02627781	0.35329158
<i>VTA1</i>	0.401166	0.180609	2.221187	0.02633829	0.35329158
<i>KMT2E.AS1</i>	-0.420725	0.189423	-2.221085	0.02634518	0.35329158
<i>TMSB10</i>	-0.173529	0.078164	-2.220053	0.02641518	0.35351607
<i>NFU1</i>	-0.272249	0.12268	-2.219186	0.0264741	0.353591689
<i>DUSP12</i>	-0.31519	0.142129	-2.217628	0.02658021	0.354177454
<i>APAF1</i>	0.558833	0.252099	2.216722	0.02664207	NA
<i>WASF1</i>	-0.580722	0.261996	-2.216527	0.02665545	NA
<i>SNX8</i>	-0.408588	0.18434	-2.216492	0.02665785	0.354177454
<i>HES6</i>	-0.680461	0.307029	-2.216273	0.02667279	NA
<i>TRMT1L</i>	0.414968	0.187243	2.216197	0.02667803	0.354177454
<i>LONP2</i>	-0.253145	0.114265	-2.215418	0.02673138	0.354177454
<i>MOAP1</i>	-0.30311	0.136868	-2.214623	0.02678596	0.354193649
<i>ZNF257</i>	0.615014	0.277874	2.213283	0.02687811	NA
<i>CRY1</i>	-0.584073	0.263931	-2.212977	0.02689924	NA
<i>CRK</i>	0.270578	0.122276	2.212836	0.02690894	0.354307089
<i>TCP1</i>	0.239004	0.108018	2.212621	0.0269238	0.354307089
<i>HMGN2</i>	-0.146321	0.066148	-2.212027	0.02696482	0.354307089
<i>DYRK2</i>	0.395976	0.179204	2.209634	0.02713056	0.354307089
<i>OVCH1.AS1</i>	-1.670878	0.756456	-2.208823	0.02718693	NA
<i>EPB42</i>	-0.435922	0.197428	-2.208004	0.02724403	0.354307089
<i>HGSNAT</i>	-0.44682	0.202367	-2.207969	0.02724642	0.354307089
<i>TMEM208</i>	-0.244037	0.110608	-2.206319	0.02736169	0.354307089
<i>P4HB</i>	-0.206133	0.093436	-2.206128	0.02737506	0.354307089
<i>AKAP9</i>	0.14973	0.067879	2.205849	0.02739461	0.354307089
<i>ICAM3</i>	0.22577	0.102417	2.204421	0.02749475	0.354307089
<i>LEAP2</i>	0.363248	0.164799	2.20419	0.02751097	0.354307089
<i>LASP1</i>	0.246169	0.111714	2.203571	0.02755455	0.354307089
<i>MYO1C</i>	-0.430923	0.195579	-2.20332	0.02757224	0.354307089
<i>TSC22D2</i>	0.348475	0.15816	2.203304	0.02757333	0.354307089
<i>CD72</i>	0.30898	0.140346	2.201569	0.02769575	0.354307089
<i>EYA3</i>	0.783415	0.355865	2.201435	0.02770527	0.354307089
<i>ATP1A1</i>	-0.288533	0.131084	-2.201141	0.02772606	0.354307089
<i>TSEN15</i>	-0.488987	0.22226	-2.200066	0.02780222	0.354307089
<i>C12orf49</i>	-0.577584	0.26255	-2.199901	0.02781392	0.354307089
<i>SUMO1</i>	-0.179856	0.081793	-2.198911	0.02788428	0.354307089
<i>GTF2IRD2</i>	-0.438613	0.199508	-2.198473	0.02791543	0.354307089
<i>NCBP2</i>	-0.213097	0.096996	-2.196968	0.02802273	0.354665457
<i>PARL</i>	-0.275675	0.125559	-2.195587	0.02812153	0.354665457
<i>KLHL2</i>	-0.574913	0.261888	-2.195265	0.02814462	0.354665457
<i>CD82</i>	-0.282619	0.128751	-2.195087	0.02815738	0.354665457
<i>MAP11</i>	-0.547699	0.249589	-2.194402	0.02820654	NA
<i>SLC16A1.AS1</i>	0.329744	0.150288	2.194085	0.02822928	0.354897646
<i>DHFR2</i>	0.547235	0.249593	2.192512	0.02834253	NA

<i>RBM8A</i>	-0.135569	0.061844	-2.192109	0.0283716	0.356012668
<i>INO80</i>	-0.322349	0.147206	-2.189788	0.02853964	0.356529296
<i>EPHB6</i>	-0.417276	0.190587	-2.189419	0.0285664	0.356529296
<i>ATG16L2</i>	-0.322414	0.147267	-2.189316	0.02857391	0.356529296
<i>MYL6</i>	-0.138589	0.063404	-2.185796	0.02883056	0.358427579
<i>DENR</i>	-0.185675	0.084948	-2.185748	0.02883404	0.358427579
<i>BBX</i>	0.182217	0.083399	2.184892	0.0288968	0.358536352
<i>ZNF506</i>	0.343448	0.157301	2.183377	0.02900803	0.359244953
<i>PPP1R15A</i>	-0.524557	0.240361	-2.182376	0.02908178	0.359487572
<i>WAC</i>	0.178485	0.081841	2.180872	0.02919286	0.359590228
<i>TMED2</i>	-0.207501	0.095149	-2.180797	0.02919842	0.359590228
<i>ENSG00000275418</i>	-1.465782	0.672512	-2.179563	0.0292899	NA
<i>MMP28</i>	1.609095	0.738813	2.177946	0.02941006	NA
<i>RPL36</i>	0.107235	0.049272	2.176397	0.02952556	0.362140364
<i>RIMS3</i>	-1.560775	0.717173	-2.176287	0.02953379	NA
<i>ENSG00000273748</i>	-0.903295	0.415119	-2.175992	0.02955584	0.362140364
<i>POLM</i>	-0.266141	0.122318	-2.175814	0.02956916	0.362140364
<i>PF4</i>	2.393039	1.100456	2.174588	0.02966104	NA
<i>TTC9C</i>	0.250948	0.115519	2.172347	0.02982952	0.36465622
<i>C9orf66</i>	-1.382959	0.63668	-2.172143	0.02984491	NA
<i>PPP1CB</i>	-0.222237	0.10241	-2.170058	0.03000242	0.365672932
<i>ODF3B</i>	-0.550128	0.25354	-2.169789	0.03002286	0.365672932
<i>RPH3AL</i>	-1.042184	0.480456	-2.169155	0.03007096	NA
<i>ENSG00000274015</i>	-1.705455	0.786423	-2.168621	0.03011146	NA
<i>RBM26.AS1</i>	-0.693014	0.319775	-2.167191	0.03022032	NA
<i>GOLGA6L9</i>	-1.112481	0.513553	-2.166244	0.03029254	NA
<i>PPWD1</i>	0.292306	0.135048	2.16446	0.03042907	0.368088243
<i>YWHAG</i>	0.318446	0.147129	2.164395	0.03043401	0.368088243
<i>DAZAP1</i>	-0.363682	0.168032	-2.164363	0.03043651	0.368088243
<i>MIIP</i>	-0.325787	0.150529	-2.164279	0.03044297	0.368088243
<i>GSTP1</i>	-0.19029	0.087982	-2.162824	0.03055474	0.368767939
<i>DUSP2</i>	-1.898357	0.878374	-2.161217	0.03067855	NA
<i>CNOT6L</i>	-0.391928	0.181368	-2.160957	0.03069869	0.369832861
<i>MPP5</i>	0.60044	0.278043	2.159522	0.03080969	NA
<i>ST20.AS1</i>	-0.884263	0.409559	-2.159059	0.03084556	NA
<i>THRAP3</i>	-0.206011	0.095431	-2.158742	0.03087016	0.370817737
<i>APOBEC3H</i>	-1.825928	0.845867	-2.158648	0.0308775	NA
<i>C15orf62</i>	-0.677962	0.314095	-2.15846	0.03089207	NA
<i>TRIM23</i>	0.519078	0.240486	2.158459	0.03089217	0.370817737
<i>LRP5L</i>	-0.594752	0.275611	-2.157936	0.03093279	NA
<i>ENSG00000261353</i>	-1.040004	0.482125	-2.157124	0.03099598	NA
<i>TMEM14B</i>	-0.23109	0.107154	-2.156625	0.03103489	0.37185853
<i>CAPN12</i>	0.370543	0.171891	2.155684	0.03110831	0.372066617
<i>FAM117B</i>	-0.542172	0.251686	-2.154164	0.03122728	0.372216546
<i>TRIM4</i>	0.264445	0.122792	2.153602	0.03127136	0.372216546
<i>PET100</i>	-0.182837	0.084928	-2.152851	0.03133035	0.372216546
<i>ELF1</i>	0.213387	0.099127	2.152663	0.03134514	0.372216546

<i>RPS23</i>	0.131221	0.061006	2.150935	0.03148131	0.373165934
<i>CR1</i>	0.962701	0.44762	2.150709	0.03149917	NA
<i>SPTLC1</i>	-0.64257	0.298854	-2.150109	0.03154656	NA
<i>CALHM6</i>	0.263532	0.122609	2.14937	0.03160509	0.373965361
<i>TRIM21</i>	0.585018	0.272488	2.146952	0.0317971	NA
<i>GFM2</i>	0.457375	0.213192	2.145363	0.03192387	NA
<i>UNC50</i>	0.313216	0.146167	2.14286	0.03212432	0.377867817
<i>ENSG00000261840</i>	-0.627235	0.292831	-2.141969	0.03219595	NA
<i>CUL4B</i>	0.451479	0.210845	2.141288	0.03225086	0.377867817
<i>DCXR</i>	-0.312946	0.146155	-2.141194	0.03225836	0.377867817
<i>PEX16</i>	-0.227036	0.106038	-2.141082	0.03226745	0.377867817
<i>BCL7A</i>	-0.476373	0.222531	-2.140705	0.03229786	0.377867817
<i>LINC00324</i>	0.448688	0.209729	2.13937	0.03240571	0.377867817
<i>ZNF667</i>	0.527666	0.246701	2.138887	0.03244485	NA
<i>MFAP1</i>	0.410441	0.191917	2.138633	0.03246537	0.377867817
<i>TBCC</i>	-0.214757	0.100425	-2.138475	0.03247818	0.377867817
<i>SHMT2</i>	0.205667	0.096179	2.138383	0.03248565	0.377867817
<i>COASY</i>	-0.300235	0.140418	-2.138155	0.03250415	0.377867817
<i>ASCC1</i>	-0.429156	0.200875	-2.136439	0.03264361	0.378825674
<i>PSMC5</i>	-0.174202	0.081671	-2.132966	0.03292751	0.381453425
<i>HADHA</i>	0.229774	0.107872	2.130056	0.03316697	0.38335407
<i>C1GALT1</i>	0.307636	0.144459	2.129571	0.03320708	0.38335407
<i>ABHD17A</i>	0.380972	0.179091	2.127249	0.03339937	0.384904499
<i>RANBP1</i>	-0.230047	0.108179	-2.126541	0.03345823	0.384914624
<i>IMPACT</i>	-0.489426	0.230288	-2.125273	0.03356386	NA
<i>ENSG00000282988</i>	0.703786	0.331256	2.124597	0.03362028	0.385636007
<i>TMED8</i>	0.322393	0.151758	2.124395	0.03363713	0.385636007
<i>DNAJB1</i>	0.403781	0.190308	2.121722	0.03386105	0.387185545
<i>EEA1</i>	0.385714	0.181821	2.121391	0.03388894	0.387185545
<i>ENSG00000125726</i>	-1.396224	0.658449	-2.120473	0.0339662	NA
<i>CD24</i>	-0.171514	0.080971	-2.118223	0.03415621	0.388701076
<i>PHF21A</i>	-0.302211	0.142688	-2.117991	0.03417579	0.388701076
<i>FADS3</i>	-0.223492	0.105554	-2.11733	0.03423188	0.388701076
<i>NDUFA13</i>	-0.186902	0.088284	-2.117047	0.03425582	0.388701076
<i>ZNF48</i>	0.554701	0.262053	2.116753	0.03428081	NA
<i>ENSG00000250790</i>	1.248255	0.589934	2.115925	0.03435122	NA
<i>NR6A1</i>	-1.209176	0.571484	-2.115852	0.03435739	NA
<i>PTPRS</i>	1.333231	0.630141	2.115766	0.03436469	NA
<i>MDK</i>	-0.675252	0.319182	-2.115568	0.03438154	NA
<i>PDCD7</i>	0.439589	0.207838	2.115055	0.03442527	0.389957217
<i>TNFRSF13C</i>	-0.124297	0.058791	-2.114223	0.03449624	0.390095491
<i>SOX4</i>	-0.510952	0.241857	-2.112618	0.03463351	0.390494268
<i>RSPRY1</i>	0.377127	0.178527	2.112435	0.03464916	0.390494268
<i>ANKDD1A</i>	-1.444866	0.684181	-2.111816	0.0347022	NA
<i>PPCS</i>	-0.195168	0.092426	-2.111622	0.03471891	0.390617131
<i>RAB1B</i>	-0.295767	0.140165	-2.110124	0.03484767	0.391402417
<i>RMDN3</i>	0.508325	0.240915	2.109978	0.03486023	NA

<i>ERV3.1</i>	-0.246754	0.117055	-2.108018	0.03502942	0.392239895
<i>SSU72</i>	-0.207258	0.098325	-2.107891	0.03504041	0.392239895
<i>MAP4K3.DT</i>	-0.523107	0.248215	-2.107473	0.03507664	NA
<i>LINC02201</i>	-1.567934	0.744408	-2.106283	0.03517978	NA
<i>PUS3</i>	0.413404	0.19646	2.10427	0.03535489	0.395093883
<i>RPL18</i>	0.137837	0.065567	2.10223	0.0355331	0.396418041
<i>ZNF646</i>	0.687893	0.327434	2.100856	0.03565362	NA
<i>GCFC2</i>	-0.449286	0.213863	-2.100813	0.03565742	NA
<i>CEP97</i>	0.524226	0.249695	2.099467	0.03577579	NA
<i>FAM41C</i>	-0.57364	0.27333	-2.098711	0.0358424	NA
<i>PIN4</i>	-0.187102	0.089187	-2.097865	0.03591704	0.400029037
<i>ENSG00000274605</i>	0.742668	0.35419	2.096809	0.03601053	NA
<i>FAM200A</i>	0.59494	0.283872	2.095804	0.03609956	NA
<i>SEC11C</i>	-0.258311	0.123267	-2.095547	0.03612238	0.401642148
<i>CLPX</i>	-0.313276	0.149636	-2.093591	0.03629641	0.402902325
<i>ENSG00000261505</i>	-0.636747	0.304543	-2.090826	0.03654365	NA
<i>ATP2A3</i>	-0.287922	0.137768	-2.089898	0.03662697	0.405892841
<i>IFI44L</i>	1.039675	0.497806	2.088515	0.0367514	0.406490785
<i>ACP1</i>	-0.151095	0.072377	-2.087609	0.03683315	0.406490785
<i>ELF2</i>	-0.191329	0.091665	-2.08726	0.03686464	0.406490785
<i>RXRA</i>	-0.876269	0.41993	-2.086701	0.03691518	NA
<i>ENSG00000272335</i>	0.971244	0.465553	2.086216	0.03695908	NA
<i>TUBD1</i>	0.34803	0.166864	2.085715	0.03700442	0.406929587
<i>ERICH1</i>	0.190517	0.09136	2.085338	0.03703865	0.406929587
<i>MRPL14</i>	-0.245325	0.117674	-2.08479	0.03708834	0.406929587
<i>FKBP3</i>	-0.185465	0.089083	-2.081951	0.03734697	0.409091029
<i>AKAP13</i>	0.181504	0.087252	2.080234	0.03750403	0.409831096
<i>IKZF2</i>	-0.825451	0.396863	-2.079941	0.03753092	NA
<i>ZNF138</i>	0.434833	0.209068	2.079864	0.03753801	0.409831096
<i>EVA1B</i>	-0.783345	0.376716	-2.079407	0.03757992	NA
<i>TM4SF19.AS1</i>	-1.282044	0.61686	-2.078337	0.03767834	NA
<i>ATF4</i>	-0.169699	0.081666	-2.077967	0.0377124	0.410213859
<i>ZC3H6</i>	0.329175	0.158424	2.077807	0.03772713	0.410213859
<i>NAA10</i>	-0.215631	0.103795	-2.077467	0.03775846	0.410213859
<i>FUT2</i>	1.548763	0.745556	2.077325	0.03777154	NA
<i>PLA2G6</i>	-0.48034	0.231276	-2.076908	0.03781004	NA
<i>ENSG00000270562</i>	0.578285	0.27859	2.075761	0.03791609	NA
<i>FAU</i>	0.113768	0.054827	2.075061	0.03798089	0.411956075
<i>TMEM99</i>	0.48254	0.232634	2.07425	0.0380561	NA
<i>POLB</i>	0.51607	0.248896	2.07344	0.03813132	NA
<i>ENSG00000224790</i>	-1.273637	0.614278	-2.073389	0.03813611	NA
<i>ENSG00000237357</i>	1.113593	0.537102	2.073336	0.03814104	NA
<i>SLC15A3</i>	-0.651355	0.314178	-2.0732	0.03815365	NA
<i>WDR46</i>	-0.279631	0.134883	-2.073139	0.03815932	0.412997172
<i>ENSG00000257275</i>	-0.335579	0.161905	-2.072688	0.03820131	0.412997172
<i>MAP1LC3A</i>	-0.693302	0.33456	-2.072276	0.03823973	NA
<i>TCOF1</i>	-0.2803	0.135312	-2.071507	0.03831143	0.413514221

<i>IGLV3.21</i>	-1.187244	0.573458	-2.070325	0.03842197	NA
<i>CHRAC1</i>	-0.236516	0.114261	-2.069966	0.03845553	0.414395841
<i>ENSG00000227468</i>	-1.508145	0.729175	-2.06829	0.03861273	NA
<i>CACYBP</i>	0.161629	0.078162	2.067859	0.03865326	0.415851437
<i>TOMM40L</i>	-0.884936	0.427985	-2.06768	0.03867015	NA
<i>SYNC</i>	-0.260785	0.126228	-2.065988	0.03882965	0.415984225
<i>ISOC2</i>	-0.398447	0.192873	-2.065851	0.03884252	0.415984225
<i>RARA.AS1</i>	-0.624547	0.302336	-2.065734	0.0388536	0.415984225
<i>NACC1</i>	0.550731	0.266721	2.064824	0.03893966	NA
<i>XRR1</i>	-0.631194	0.305709	-2.064691	0.03895225	0.416368826
<i>CHMP5</i>	0.209471	0.101521	2.063332	0.03908109	0.417074363
<i>DCUN1D5</i>	0.43368	0.21033	2.061906	0.03921668	0.417849671
<i>FUT4</i>	-1.384376	0.671783	-2.060749	0.03932696	NA
<i>NEMP1</i>	0.676984	0.328566	2.060424	0.03935802	NA
<i>THOC3</i>	-0.422708	0.20523	-2.059684	0.03942881	0.419436546
<i>CCZ1B</i>	-0.63728	0.30955	-2.058727	0.03952036	0.41973784
<i>SPEF2</i>	-1.410971	0.685649	-2.057862	0.03960341	NA
<i>FAM86C1</i>	-0.843412	0.410289	-2.055654	0.03981585	NA
<i>CHCHD5</i>	-0.254126	0.123623	-2.055646	0.03981666	0.42220925
<i>LINC01970</i>	-0.890605	0.433269	-2.055548	0.03982612	NA
<i>IL10RB</i>	0.377243	0.183593	2.054779	0.03990032	0.422209674
<i>TMEM170A</i>	0.240952	0.11731	2.053979	0.03997777	0.422209674
<i>ENSG00000262420</i>	-1.235971	0.601753	-2.053951	0.03998048	NA
<i>PSMB10</i>	-0.21918	0.106726	-2.053671	0.04000752	0.422209674
<i>DOK1</i>	0.328708	0.160277	2.050876	0.04027902	0.423919206
<i>GMFG</i>	-0.1261	0.061491	-2.050689	0.04029723	0.423919206
<i>NBDY</i>	-0.179734	0.087683	-2.049808	0.04038313	0.424006027
<i>TLL12</i>	-0.643269	0.313854	-2.049582	0.04040525	NA
<i>TELO2</i>	-0.424981	0.207379	-2.049295	0.04043324	0.424006027
<i>NSUN7</i>	-0.678539	0.331114	-2.04926	0.04043674	NA
<i>RAB3A</i>	1.062736	0.518812	2.048403	0.04052056	NA
<i>STARD10</i>	-0.378432	0.184751	-2.048338	0.04052692	0.424318103
<i>CD99L2</i>	-0.631275	0.308269	-2.047806	0.040579	NA
<i>GTPBP6</i>	-0.574254	0.280515	-2.047143	0.04064403	0.424590754
<i>TAF1C</i>	-0.388739	0.189993	-2.046069	0.04074957	0.424590754
<i>TAPBP</i>	-0.233335	0.114063	-2.045672	0.04078863	0.424590754
<i>TMEM179B</i>	-0.223179	0.109109	-2.045467	0.04080881	0.424590754
<i>SNAI3</i>	0.716255	0.350209	2.045221	0.04083307	NA
<i>UBAP2</i>	-0.421248	0.206011	-2.04479	0.04087556	0.424619668
<i>ENSG00000260572</i>	-1.579772	0.772673	-2.044554	0.04089881	NA
<i>COMMD1</i>	-0.3176	0.155493	-2.04253	0.04109903	0.425382421
<i>RYBP</i>	0.405155	0.198387	2.04225	0.04112672	0.425382421
<i>EFHB</i>	1.573414	0.770622	2.041744	0.04117695	NA
<i>MSRB1</i>	-0.307995	0.15091	-2.040919	0.04125888	0.425382421
<i>MAPRE2</i>	0.26686	0.13077	2.040684	0.04128227	0.425382421
<i>KIAA1191</i>	0.327508	0.160554	2.03986	0.04136431	0.425382421
<i>HSD17B7</i>	0.309794	0.151902	2.039437	0.04140644	0.425382421

ZNF397	0.191922	0.09415	2.038465	0.04150343	0.425382421
CD2BP2	-0.220013	0.107949	-2.038128	0.04153714	0.425382421
NFKB2	-0.31114	0.152715	-2.03739	0.04161102	0.425382421
FAM161B	-0.953978	0.46825	-2.037327	0.04161725	NA
ING1	0.370143	0.181686	2.037268	0.04162314	0.425382421
NOC2L	0.21945	0.107766	2.036348	0.04171539	0.425382421
FAM107B	-0.277558	0.136304	-2.036323	0.04171798	0.425382421
LINC02413	1.321044	0.648742	2.036316	0.04171861	NA
LINC02550	1.360633	0.668589	2.035082	0.04184266	NA
CD8B	-2.908313	1.429836	-2.034018	0.04194976	NA
PSPC1	-0.302681	0.148815	-2.033944	0.04195728	0.426975521
MYO5C	-1.382105	0.679624	-2.033632	0.04198868	NA
QDPR	0.689701	0.339281	2.032831	0.04206957	NA
BOLA2.SMG1P6	-0.532937	0.262205	-2.03252	0.04210104	NA
CIAO2B	0.171633	0.084453	2.032279	0.04212539	0.426975521
ARID5A	-0.376573	0.185306	-2.032168	0.04213664	0.426975521
PNRC2	0.151481	0.074556	2.031758	0.04217817	0.426975521
PIGT	-0.279894	0.137771	-2.031584	0.04219583	0.426975521
C15orf40	-0.230515	0.113552	-2.030033	0.04235317	0.427556799
CPM	-0.721817	0.355594	-2.029889	0.04236784	NA
GSTO1	0.237936	0.117225	2.029749	0.0423821	0.427556799
IGLV4.69	-1.244647	0.613425	-2.029012	0.04245712	NA
SERPINI1	0.582509	0.287294	2.027575	0.04260367	NA
NDUFV2.AS1	-0.386991	0.190865	-2.027565	0.04260462	0.429149379
PRRT3	0.588855	0.290536	2.026791	0.04268381	NA
GLUL	-0.489441	0.241526	-2.026451	0.04271856	0.429645136
AMIGO2	0.950752	0.469377	2.025563	0.0428096	NA
HSD17B11	0.135569	0.066932	2.025493	0.04281677	0.429819387
DNAJC7	-0.196225	0.0969	-2.025019	0.04286539	0.429819387
WNT10A	-0.650252	0.321152	-2.02475	0.04289309	NA
NDUFA4	-0.109192	0.053956	-2.023731	0.04299784	0.430029262
XG	1.851903	0.91519	2.023518	0.04301981	NA
ENSG00000247765	-1.459896	0.721593	-2.023158	0.04305685	NA
GEMIN6	0.257083	0.127077	2.02305	0.043068	0.430029262
CLASRP	-0.251755	0.124451	-2.022927	0.04308067	0.430029262
CNR1	0.716045	0.354001	2.022719	0.04310213	NA
CLOCK	-0.342908	0.169688	-2.020817	0.04329867	0.431556447
C12orf76	0.247853	0.122762	2.018969	0.04349048	0.432247825
TP53INP1	0.39232	0.194324	2.018894	0.04349828	0.432247825
APH1A	-0.178357	0.088399	-2.017645	0.0436282	0.432279608
ATF7	-0.396479	0.196509	-2.017612	0.04363172	0.432279608
EHD3	-0.614361	0.304513	-2.017522	0.04364108	NA
TOMM5	-0.240312	0.119152	-2.016857	0.04371049	0.432414614
CXorf65	-0.690161	0.342415	-2.015571	0.04384489	NA
BCL6	-0.359361	0.178358	-2.014824	0.04392308	0.432984833
ERGIC2	0.208406	0.103442	2.0147	0.04393612	0.432984833
N6AMT1	0.557884	0.276923	2.014582	0.04394851	NA

<i>HIBCH</i>	0.243815	0.121034	2.014436	0.04396381	0.432984833
<i>CYHR1</i>	0.238549	0.118514	2.012838	0.04413171	0.433994483
<i>ANKMY1</i>	-0.456868	0.227045	-2.012236	0.04419506	NA
<i>ZNF786</i>	0.549369	0.273143	2.011287	0.04429511	NA
<i>ENSG00000197302</i>	0.245058	0.121897	2.010373	0.04439175	0.434957504
<i>POLR2I</i>	-0.225578	0.112223	-2.010085	0.04442217	0.434957504
<i>PRDX6</i>	-0.144163	0.071741	-2.009504	0.04448374	0.434957504
<i>KDM4B</i>	0.336336	0.167379	2.009428	0.04449174	0.434957504
<i>ARMC10</i>	-0.705312	0.351496	-2.0066	0.04479223	NA
<i>TSEN54</i>	-0.530212	0.26425	-2.00648	0.04480511	NA
<i>LTA4H</i>	0.190418	0.094932	2.005841	0.04487319	0.438041487
<i>HCG11</i>	-0.43486	0.216839	-2.005445	0.04491546	NA
<i>TAF6L</i>	-0.659766	0.329128	-2.00459	0.04500692	NA
<i>PRR4</i>	0.364545	0.181925	2.003819	0.04508944	0.439506197
<i>MAGED1</i>	-0.582391	0.290831	-2.002509	0.04523004	NA
<i>G6PC3</i>	-0.490079	0.244808	-2.001894	0.04529609	NA
<i>ATP11A</i>	0.542068	0.270896	2.00102	0.04539023	NA
<i>NUP210</i>	0.204825	0.102401	2.000218	0.0454767	0.442331376
<i>MRPS36</i>	0.180506	0.090258	1.999886	0.04551255	0.442331376
<i>SMIM20</i>	0.333107	0.166624	1.999157	0.04559133	0.442449213
<i>POLE2</i>	0.87002	0.435503	1.997736	0.04574526	NA
<i>ERF</i>	0.475606	0.23808	1.997673	0.04575215	NA
<i>ZNF628</i>	-0.931539	0.466626	-1.996326	0.04589845	NA
<i>PCID2</i>	0.25292	0.126739	1.9956	0.04597748	0.443733612
<i>RALY</i>	-0.154601	0.077473	-1.995535	0.04598453	0.443733612
<i>NELFE</i>	-0.173316	0.086864	-1.995246	0.04601601	0.443733612
<i>LAMC1</i>	0.806688	0.404358	1.994983	0.04604475	NA
<i>CTNNBIP1</i>	-0.688917	0.345339	-1.994899	0.04605384	NA
<i>IL6</i>	-0.780578	0.391386	-1.994396	0.04610885	NA
<i>ENSG00000267040</i>	0.238568	0.119622	1.994348	0.04611402	0.443733612
<i>SLA</i>	0.380222	0.190655	1.994287	0.04612073	0.443733612
<i>ZPR1</i>	0.2415	0.121132	1.993694	0.04618546	0.443733612
<i>FLCN</i>	0.328253	0.16465	1.993638	0.04619161	0.443733612
<i>DPH3</i>	-0.305803	0.153443	-1.992942	0.0462678	0.443823168
<i>CEMIP2</i>	0.505914	0.254027	1.991575	0.0464177	0.44455636
<i>CCL5</i>	-1.14281	0.573874	-1.991396	0.04643732	NA
<i>GPR160</i>	0.57876	0.290684	1.991025	0.04647817	0.44455636
<i>GTF3C6</i>	-0.205495	0.103252	-1.990222	0.04656646	0.444759915
<i>SENP6</i>	0.208346	0.104726	1.98945	0.04665154	0.444932378
<i>CCNG2</i>	0.376171	0.189158	1.988656	0.0467392	0.445128842
<i>TFDP2</i>	-0.277722	0.139812	-1.986391	0.04698997	0.44687599
<i>HIST1H3H</i>	1.286066	0.647511	1.986167	0.04701474	NA
<i>GTF2H2C</i>	-0.380469	0.191925	-1.98238	0.04743675	0.449014872
<i>RBAK.RBAKDN</i>	0.345426	0.174249	1.982373	0.0474375	0.449014872
<i>USP53</i>	1.123284	0.566678	1.982225	0.04745401	0.449014872
<i>CPQ</i>	-0.641696	0.323737	-1.982155	0.04746195	NA
<i>MKNK1</i>	0.283301	0.142976	1.981467	0.0475389	0.449014872

<i>PSPH</i>	-0.829097	0.41843	-1.981446	0.04754123	NA
<i>HMGXB4</i>	-0.241921	0.1221	-1.981341	0.0475531	0.449014872
<i>UBA6</i>	0.27138	0.137014	1.980675	0.04762771	0.44908061
<i>DAPK2</i>	-0.77251	0.390102	-1.980275	0.04767258	NA
<i>DLGAP3</i>	-0.921743	0.465591	-1.979728	0.04773415	NA
<i>TTC9</i>	0.412173	0.20825	1.979219	0.04779137	NA
<i>FXYD1</i>	0.530461	0.2681	1.978591	0.0478621	0.450315583
<i>PPM1N</i>	-0.438653	0.221732	-1.978304	0.04789437	0.450315583
<i>PTPRC</i>	0.134667	0.068104	1.977365	0.04800039	0.450674131
<i>NPEPL1</i>	-0.523817	0.264926	-1.977217	0.04801708	NA
<i>LINC00663</i>	0.696683	0.352402	1.976953	0.04804695	NA
<i>C1GALT1C1</i>	0.423372	0.214188	1.976639	0.04808241	NA
<i>IRAK3</i>	1.184596	0.599576	1.975722	0.04818622	NA
<i>MRPL39</i>	0.318243	0.161108	1.975344	0.04822916	0.452182477
<i>CCDC28A</i>	0.27493	0.139236	1.974566	0.04831738	0.452370592
<i>MEX3A</i>	1.040362	0.527247	1.973197	0.0484731	NA
<i>MDFIC</i>	0.749214	0.379794	1.972684	0.04853158	NA
<i>ZNF346</i>	0.544996	0.276313	1.972387	0.04856542	NA
<i>FNDC3B</i>	-1.180799	0.598745	-1.972122	0.04859564	NA
<i>GDF11</i>	0.295078	0.149662	1.971633	0.04865148	0.453961136
<i>NMT2</i>	-0.269505	0.136719	-1.971224	0.0486983	0.453961136
<i>MKLN1</i>	0.292251	0.148306	1.9706	0.0487697	0.453961136
<i>NDUFB11</i>	0.170917	0.086796	1.969172	0.04893332	0.453961136
<i>CARD8</i>	-0.231938	0.117803	-1.968862	0.04896889	0.453961136
<i>SIKE1</i>	0.268053	0.136175	1.968452	0.04901604	0.453961136
<i>SPAG1</i>	-0.585204	0.297343	-1.968112	0.04905513	NA
<i>SPCS1</i>	-0.16638	0.084549	-1.967861	0.04908408	0.453961136
<i>NARS</i>	0.213928	0.108729	1.967526	0.04912256	0.453961136
<i>SOCS4</i>	0.466069	0.236885	1.967491	0.04912658	NA
<i>RPA2</i>	0.192852	0.098031	1.967247	0.04915474	0.453961136
<i>STMN1</i>	-0.218426	0.111039	-1.967105	0.04917114	0.453961136
<i>LRRC8B</i>	0.618861	0.314659	1.966768	0.04920992	NA
<i>SENP3</i>	-0.518271	0.263675	-1.965569	0.04934846	NA
<i>ENSG00000105705</i>	-0.392993	0.199969	-1.965269	0.0493831	0.455284759
<i>YJFN3</i>	0.833037	0.423913	1.965111	0.04940144	NA
<i>MFSD6</i>	0.759613	0.386652	1.964589	0.04946188	NA
<i>PSMB3</i>	-0.175919	0.089623	-1.96287	0.04966132	0.456832518
<i>ENSG00000231760</i>	-1.121619	0.571722	-1.961826	0.04978277	NA
<i>NPC2</i>	0.29125	0.148519	1.96103	0.04987553	0.456832518
<i>RPLP2</i>	0.160744	0.08197	1.961008	0.04987805	0.456832518
<i>CREBL2</i>	0.359342	0.18328	1.960616	0.04992384	0.456832518
<i>CLNS1A</i>	0.306302	0.156234	1.960534	0.04993337	0.456832518



<b>Cluster 3</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>ARRDC3</i>	-0.906905	0.105263	-8.615607	< 2.22e-16	6.71E-14
<i>CKS2</i>	1.060892	0.156998	6.757345	1.41E-11	6.77E-08
<i>ZBED2</i>	2.066521	0.311917	6.625237	3.47E-11	1.11E-07
<i>SMIM10</i>	-4.230547	0.66977	-6.316416	2.68E-10	NA
<i>LRIF1</i>	0.666533	0.107266	6.213866	5.17E-10	1.25E-06
<i>CD83</i>	-0.444947	0.073151	-6.08258	1.18E-09	2.28E-06
<i>RIN3</i>	0.695222	0.122011	5.698023	1.21E-08	1.95E-05
<i>GATD3</i>	5.237077	0.938273	5.581615	2.38E-08	3.28E-05
<i>ASF1A</i>	0.675453	0.132032	5.115829	3.12E-07	0.000348589
<i>NFKBIA</i>	-0.405485	0.079381	-5.108082	3.25E-07	0.000348589
<i>SCRN1</i>	1.075203	0.214137	5.021097	5.14E-07	0.000495276
<i>AIM2</i>	1.736807	0.347411	4.999281	5.75E-07	NA
<i>GPR65</i>	0.543458	0.109702	4.953934	7.27E-07	0.000637361
<i>DYNLL1</i>	0.411612	0.083675	4.919141	8.69E-07	0.000698298
<i>ARL17A</i>	-0.614261	0.126289	-4.863922	1.15E-06	0.000734787
<i>CIRBP</i>	-0.333865	0.068691	-4.860373	1.17E-06	0.000734787
<i>ENSG00000273319</i>	0.612141	0.126004	4.858106	1.19E-06	0.000734787
<i>CHORDC1</i>	0.556131	0.114826	4.843251	1.28E-06	0.000734787
<i>ATF7IP2</i>	-0.651997	0.134699	-4.840399	1.30E-06	0.000734787
<i>LMO4</i>	0.60854	0.127267	4.781616	1.74E-06	0.000931285
<i>ZNF441</i>	-0.722512	0.151552	-4.767413	1.87E-06	0.000946783
<i>TTC32</i>	-0.676371	0.145857	-4.637225	3.53E-06	0.001640089
<i>MS4A1</i>	-0.402119	0.086864	-4.629271	3.67E-06	0.001640089
<i>KRCC1</i>	0.380676	0.082357	4.62226	3.80E-06	0.001640089
<i>RBM3</i>	-0.430066	0.093325	-4.608245	4.06E-06	0.001640089
<i>GALNT2</i>	-0.6758	0.146687	-4.607101	4.08E-06	0.001640089
<i>RHOH</i>	0.373675	0.081743	4.571317	4.85E-06	0.001868877
<i>DNAAF4</i>	-1.166947	0.258729	-4.510303	6.47E-06	0.002367313
<i>SLC3A2</i>	-0.499769	0.110931	-4.505219	6.63E-06	0.002367313
<i>ENSG00000226571</i>	1.235661	0.278802	4.432042	9.33E-06	0.003213735
<i>SIGLEC5</i>	1.782323	0.402959	4.423083	9.73E-06	0.003234457
<i>SNAP23</i>	-0.293072	0.067151	-4.36434	1.28E-05	0.004084577
<i>FAM131A</i>	0.782884	0.180143	4.345911	1.39E-05	0.004084577
<i>CFLAR</i>	0.389848	0.08978	4.342266	1.41E-05	0.004084577
<i>CLECL1</i>	1.747045	0.402629	4.339094	1.43E-05	0.004084577
<i>ARID5A</i>	-0.621658	0.143319	-4.337577	1.44E-05	0.004084577
<i>ENSG00000254397</i>	1.389237	0.321424	4.322136	1.55E-05	0.004223669
<i>GLUL</i>	-0.641415	0.148558	-4.317606	1.58E-05	0.004223669
<i>TNFAIP8L2</i>	0.679909	0.157704	4.311298	1.62E-05	0.004228543
<i>PCIF1</i>	-0.455296	0.106268	-4.284405	1.83E-05	0.004648238
<i>HHEX</i>	0.360067	0.084353	4.268581	1.97E-05	0.004727466
<i>CDKN1B</i>	0.332463	0.077921	4.266657	1.98E-05	0.004727466
<i>HMGB2</i>	-0.378623	0.088801	-4.263706	2.01E-05	0.004727466
<i>NOP10</i>	0.294742	0.069322	4.251756	2.12E-05	0.004795266
<i>DUSP14</i>	0.66526	0.156537	4.249868	2.14E-05	0.004795266
<i>CLEC2D</i>	-0.386421	0.092384	-4.182786	2.88E-05	0.006308894

<i>PIGF</i>	0.688922	0.165275	4.168329	3.07E-05	0.006444678
<i>IZUMO4</i>	-0.629073	0.150936	-4.16782	3.08E-05	0.006444678
<i>SNAI3</i>	0.997271	0.240037	4.154662	3.26E-05	0.00668171
<i>RNF34</i>	0.435951	0.105574	4.129333	3.64E-05	0.007306662
<i>JADE1</i>	0.445268	0.108046	4.121105	3.77E-05	0.007418079
<i>MIR29B2CHG</i>	0.465665	0.11402	4.084077	4.43E-05	0.008531866
<i>KIAA0040</i>	0.686825	0.168627	4.073045	4.64E-05	0.008770964
<i>MDFIC</i>	0.984743	0.243154	4.049878	5.12E-05	0.009499929
<i>MRPS36</i>	0.255238	0.063632	4.011149	6.04E-05	0.010990331
<i>ARL6IP6</i>	0.42088	0.10511	4.004196	6.22E-05	0.011108984
<i>RFTN1</i>	-0.479819	0.120415	-3.984725	6.76E-05	0.011841146
<i>ADAMTS6</i>	0.986226	0.247795	3.980015	6.89E-05	0.01186254
<i>SORD</i>	-0.844154	0.213829	-3.947806	7.89E-05	0.013204865
<i>POU2F2</i>	0.285831	0.072434	3.946058	7.94E-05	0.013204865
<i>NT5E</i>	1.02071	0.259458	3.934011	8.35E-05	0.013649571
<i>TXN</i>	0.486873	0.123957	3.927768	8.57E-05	0.013660976
<i>ZBTB25</i>	0.461119	0.117563	3.922304	8.77E-05	0.013660976
<i>NAB2</i>	0.929734	0.237064	3.921879	8.79E-05	0.013660976
<i>MTMR6</i>	-0.600899	0.154273	-3.895035	9.82E-05	0.014663406
<i>ERV3.1</i>	-0.38838	0.099768	-3.892825	9.91E-05	0.014663406
<i>MIF</i>	-0.347729	0.089397	-3.889719	0.00010036	0.014663406
<i>CCDC117</i>	0.557054	0.143215	3.889641	0.000100393	0.014663406
<i>YWHAE</i>	0.355407	0.091824	3.870519	0.000108604	0.015625973
<i>HLA.G</i>	-1.71986	0.445191	-3.863198	0.000111912	NA
<i>NUFIP2</i>	0.462702	0.120234	3.848356	0.000118913	0.016857684
<i>CYTOR</i>	1.331962	0.347611	3.831758	0.000127231	0.017775459
<i>IGHD</i>	-0.442154	0.115836	-3.817062	0.00013505	0.018350263
<i>KCNK6</i>	0.59021	0.154712	3.814893	0.000136242	0.018350263
<i>SYNGR2</i>	-0.564226	0.148074	-3.810442	0.000138718	0.018350263
<i>APBB2</i>	-1.03418	0.27157	-3.808158	0.000140006	0.018350263
<i>H2AFZ</i>	0.309938	0.08142	3.806648	0.000140863	0.018350263
<i>TMEM170A</i>	0.354453	0.093204	3.802985	0.000142963	0.01837554
<i>SMIM20</i>	0.454421	0.119613	3.799095	0.000145226	0.018407057
<i>OCLN</i>	-1.057143	0.278486	-3.796037	0.000147027	0.018407057
<i>SLC50A1</i>	-0.350839	0.092632	-3.787454	0.000152199	0.018587949
<i>CRIPT</i>	0.395735	0.104515	3.786377	0.00015286	0.018587949
<i>TM2D3</i>	0.396752	0.104847	3.784114	0.000154257	0.018587949
<i>ATP6V1C2</i>	-2.678555	0.708674	-3.779672	0.000157035	NA
<i>LCN8</i>	3.906921	1.033802	3.779178	0.000157347	0.01872625
<i>SKAP2</i>	0.273097	0.072546	3.764445	0.000166919	0.01960483
<i>IL21R</i>	-0.963932	0.256253	-3.761649	0.000168797	0.01960483
<i>SLC2A14</i>	-3.80731	1.012741	-3.759412	0.000170313	NA
<i>GLS</i>	0.421884	0.11264	3.745437	0.00018008	0.020666332
<i>ENSG00000272221</i>	0.858746	0.230673	3.722779	0.000197042	0.022346868
<i>CLEC2B</i>	0.463362	0.124583	3.719303	0.000199773	0.022393175
<i>RAB31</i>	0.970033	0.261755	3.705882	0.000210657	0.023341733
<i>EGLN2</i>	0.312647	0.084478	3.700947	0.000214796	0.023529961

<i>HLX</i>	1.210844	0.328047	3.691072	0.000223311	0.024100005
<i>HSBP1</i>	0.321188	0.087063	3.689155	0.000225	0.024100005
<i>MIR155HG</i>	0.830094	0.225835	3.675673	0.000237223	0.025130023
<i>CRK</i>	0.377479	0.102893	3.668673	0.000243813	0.025547364
<i>ACADVL</i>	-0.270675	0.07417	-3.649383	0.000262871	0.027248098
<i>SCN3A</i>	1.352025	0.370853	3.645716	0.000266649	NA
<i>ABTB1</i>	-0.29489	0.080896	-3.645284	0.000267097	0.02726419
<i>CYB5A</i>	-0.49586	0.136085	-3.643762	0.000268682	0.02726419
<i>PCNX4</i>	0.413661	0.113789	3.635331	0.000277624	0.027878105
<i>MPLKIP</i>	0.231161	0.063715	3.628079	0.000285538	0.028377211
<i>GLRX2</i>	0.564294	0.155782	3.622327	0.000291965	0.028719828
<i>TAGLN2</i>	-0.252827	0.069977	-3.612983	0.000302695	0.029474552
<i>TNFAIP1</i>	0.595717	0.165602	3.597274	0.00032157	0.030733531
<i>TRIR</i>	0.147309	0.040954	3.596925	0.000322001	0.030733531
<i>TAF1D</i>	-0.182812	0.050932	-3.589331	0.000331528	0.031332605
<i>RSRP1</i>	0.283335	0.079185	3.578134	0.000346056	0.032388164
<i>RAF1</i>	0.322477	0.090209	3.574763	0.000350545	0.03249284
<i>YJEFN3</i>	0.927618	0.261254	3.550633	0.000384306	0.035282935
<i>MT1X</i>	-0.879434	0.247879	-3.54784	0.000388404	0.035322756
<i>LHFPL4</i>	1.11981	0.31593	3.544483	0.000393384	NA
<i>SFR1</i>	-0.410136	0.115795	-3.541921	0.000397224	0.035787254
<i>XIAP</i>	0.388941	0.109911	3.5387	0.000402103	0.035891399
<i>TIMM10</i>	-0.497742	0.140926	-3.531939	0.000412524	0.035939054
<i>TTC17</i>	-0.319771	0.090552	-3.531368	0.000413417	0.035939054
<i>CNFN</i>	-0.429206	0.121585	-3.530097	0.000415407	0.035939054
<i>MME</i>	-2.306357	0.653879	-3.527192	0.000419992	NA
<i>CHMP6</i>	-0.496426	0.140764	-3.526658	0.000420841	0.035939054
<i>SESN3</i>	0.309394	0.087782	3.524573	0.000424165	0.035939054
<i>ENSG00000272211</i>	-1.021569	0.289885	-3.524049	0.000425005	0.035939054
<i>PTPRS</i>	2.08247	0.591799	3.518879	0.000433374	NA
<i>SNRPN</i>	0.260136	0.074103	3.510469	0.000447317	0.03749685
<i>MYBL2</i>	-1.938921	0.552882	-3.506933	0.000453303	NA
<i>TMEM243</i>	0.338596	0.096971	3.491723	0.000479916	0.039882676
<i>MAT2A</i>	0.283832	0.081397	3.487015	0.000488444	0.040226173
<i>ENSG00000282988</i>	0.854927	0.245347	3.484568	0.000492932	0.040226173
<i>IFIT5</i>	0.473834	0.13609	3.481769	0.000498114	0.040226173
<i>CHRAC1</i>	-0.321039	0.092243	-3.48036	0.000500741	0.040226173
<i>COL9A3</i>	-1.723667	0.495742	-3.476946	0.00050716	0.040405121
<i>GPR146</i>	-0.931862	0.268656	-3.468609	0.000523159	0.04130651
<i>IFT57</i>	0.52268	0.150775	3.466621	0.000527044	0.04130651
<i>FNBP1</i>	-0.345967	0.100181	-3.453404	0.000553559	0.043034768
<i>GTF3C5</i>	-0.395877	0.114785	-3.448845	0.000562991	0.043417837
<i>MRPL28</i>	-0.287606	0.083553	-3.442193	0.000577018	0.044146471
<i>INKA1</i>	0.485292	0.141294	3.434636	0.00059335	0.045038523
<i>CHP1</i>	-0.296851	0.086627	-3.426761	0.000610828	0.046002948
<i>GPAA1</i>	-0.415578	0.121522	-3.419764	0.000626756	0.046253119
<i>ZCCHC9</i>	0.404566	0.118308	3.419601	0.00062713	0.046253119

CD5	-1.268106	0.370901	-3.418989	0.000628543	0.046253119
AZIN1.AS1	-1.860333	0.547489	-3.397937	0.00067896	NA
A4GALT	1.296368	0.38187	3.394786	0.000686822	0.049948755
CDCA4	0.4629	0.13641	3.393437	0.000690214	0.049948755
TAPBP	-0.249669	0.073609	-3.391817	0.000694308	0.049948755
NR6A1	-1.036896	0.306379	-3.384359	0.000713448	0.050945455
LINC02422	0.665729	0.197012	3.37913	0.000727156	0.051542512
LINC00525	-2.81289	0.834013	-3.372718	0.000744302	NA
BHLHE40	-0.488228	0.14477	-3.372431	0.000745078	0.052086733
ENSG00000173727	0.296929	0.088051	3.372223	0.00074564	0.052086733
RCC1	0.475178	0.141189	3.365539	0.000763942	0.052981283
PFKL	-0.330825	0.098442	-3.36061	0.000777705	0.053550518
DSCAML1	-1.500081	0.446759	-3.357695	0.000785954	NA
HSPE1	0.232143	0.069277	3.350959	0.000805321	0.054759772
MIR181A1HG	-0.573768	0.171248	-3.350511	0.000806627	0.054759772
TEX30	0.492295	0.147091	3.346862	0.000817319	0.055097555
ENSG00000257275	-0.606902	0.181441	-3.344906	0.000823104	0.055102233
ENSG00000263394	0.715972	0.214804	3.333141	0.000858714	0.057089679
PNRC2	0.258484	0.07767	3.328001	0.000874716	0.05775521
MANF	0.374779	0.11285	3.321036	0.00089684	0.058813208
ODF3B	-0.731436	0.220995	-3.30974	0.000933826	0.060824852
PIM1	-0.361973	0.10956	-3.303873	0.00095359	0.061695357
ENSG00000185527	-0.997815	0.30221	-3.301733	0.000960896	NA
LARP4B	0.452635	0.137148	3.300344	0.000965663	0.062059912
DPP7	-0.353173	0.107489	-3.285661	0.001017433	0.064697222
HIPK2	0.589507	0.179459	3.284918	0.001020122	0.064697222
EHD1	-0.370326	0.112806	-3.282847	0.001027645	0.064748329
NUAK2	-0.335724	0.102562	-3.273388	0.001062666	0.06618916
LAPTM5	-0.335023	0.102361	-3.272968	0.001064245	0.06618916
ENSG00000259976	0.656715	0.200787	3.2707	0.001072815	0.066294474
TMEM138	-0.295569	0.090478	-3.266734	0.001087959	0.066301985
IL4R	-0.475145	0.145487	-3.265901	0.001091163	0.066301985
ROCK1	0.234812	0.071912	3.265277	0.00109357	0.066301985
ABHD17A	0.437069	0.134055	3.260384	0.001112615	0.06703507
ENSG00000254614	-0.853697	0.262221	-3.255638	0.001131379	0.06732656
CD48	0.354668	0.10894	3.255627	0.001131421	0.06732656
MCCC2	-0.485503	0.149513	-3.247231	0.001165336	0.068919278
MYO1C	-0.404901	0.124832	-3.243563	0.001180449	0.069280545
MAP3K9	0.776167	0.239471	3.241173	0.001190388	0.069280545
FAM184B	-1.726672	0.532834	-3.240547	0.001193005	0.069280545
LSM6	0.344573	0.106648	3.230945	0.001233817	0.071221538
IFIT2	0.615786	0.190877	3.226088	0.001254949	0.072010193
ZNF350	-0.306739	0.095222	-3.221302	0.001276098	0.072431836
ADA	-0.551165	0.171115	-3.221026	0.001277325	0.072431836
ZNF267	-0.269864	0.084063	-3.210256	0.001326168	0.074761735
KIAA0930	0.857553	0.26737	3.207363	0.001339579	0.075078709
UBAP1L	1.048304	0.327239	3.203487	0.00135774	NA

<i>PRICKLE1</i>	0.606399	0.189304	3.203311	0.001358571	0.07570304
<i>HCK</i>	-0.748083	0.233762	-3.200183	0.001373403	0.076089706
<i>TBC1D9</i>	0.538531	0.168391	3.198094	0.001383389	0.076204995
<i>RUBCNL</i>	-0.305857	0.095794	-3.192875	0.001408639	0.077155005
<i>SSPN</i>	2.283536	0.71591	3.189698	0.001424214	NA
<i>ROR1</i>	-1.163179	0.365244	-3.184662	0.001449232	0.078929939
<i>CDKN1A</i>	-0.362959	0.114067	-3.181968	0.001462782	0.079099654
<i>INPP5K</i>	-0.435088	0.136786	-3.180786	0.001468759	0.079099654
<i>GLRX</i>	0.287717	0.090509	3.178872	0.001478491	0.079181424
<i>ENSG00000225302</i>	2.371706	0.746567	3.176815	0.001489021	NA
<i>C7orf50</i>	-0.5609	0.176716	-3.174025	0.001503406	0.080012062
<i>UGT8</i>	0.813983	0.256563	3.172639	0.001510601	0.080012062
<i>ZNF726</i>	-1.094163	0.345157	-3.170043	0.001524166	NA
<i>GPS2</i>	-0.339433	0.107123	-3.168633	0.001531575	0.08067971
<i>IL23A</i>	-0.669339	0.211622	-3.1629	0.001562061	0.081838415
<i>MED21</i>	0.416483	0.131915	3.157196	0.001592945	0.083005336
<i>FAM41C</i>	-0.705204	0.223537	-3.154757	0.00160632	0.083252289
<i>ITGB7</i>	0.371445	0.118449	3.135913	0.001713201	0.086683873
<i>APOL6</i>	0.86288	0.275165	3.135862	0.001713497	0.086683873
<i>ZNF580</i>	-0.317757	0.101373	-3.134528	0.001721306	0.086683873
<i>GPATCH11</i>	0.466294	0.148782	3.134069	0.001724001	0.086683873
<i>DDX5</i>	-0.371748	0.118643	-3.133326	0.001728372	0.086683873
<i>SPINT2</i>	-0.227372	0.072611	-3.131369	0.001739931	0.086683873
<i>TSC22D2</i>	0.385875	0.123275	3.130192	0.001746921	0.086683873
<i>ENSG00000166927</i>	-0.762691	0.243658	-3.130165	0.001747084	0.086683873
<i>SUSD3</i>	0.612465	0.195732	3.129094	0.00175346	0.086683873
<i>LYRM7</i>	0.292592	0.093577	3.126742	0.001767551	0.086934662
<i>HMGXB4</i>	-0.300102	0.096115	-3.122313	0.001794359	0.087805176
<i>PRCP</i>	-0.396809	0.12773	-3.106619	0.001892401	0.092135083
<i>TMEM187</i>	0.755501	0.243515	3.102482	0.001919055	0.092587706
<i>MAGEE1</i>	1.023203	0.329909	3.101471	0.001925618	NA
<i>ZNF486</i>	0.937018	0.302243	3.100209	0.001933841	0.092587706
<i>ENSG00000258757</i>	0.735415	0.237259	3.099625	0.00193766	0.092587706
<i>FAM200A</i>	0.57884	0.186794	3.09882	0.001942931	0.092587706
<i>TMEM64</i>	0.666633	0.215223	3.097402	0.001952251	0.092587706
<i>NSUN7</i>	-1.029441	0.332472	-3.09633	0.001959325	0.092587706
<i>IFI16</i>	0.194621	0.062941	3.092105	0.001987426	0.093457485
<i>YTHDC1</i>	0.21842	0.07073	3.088103	0.002014387	0.093629524
<i>CLK1</i>	0.259635	0.084148	3.08545	0.002032441	0.093629524
<i>PPP1R9A</i>	1.528429	0.495517	3.084515	0.002038841	NA
<i>CHTOP</i>	0.260678	0.08453	3.083866	0.002043296	0.093629524
<i>IGHG1</i>	1.273043	0.412811	3.083838	0.002043487	0.093629524
<i>DDAH2</i>	0.366539	0.11886	3.083773	0.002043936	0.093629524
<i>EPS15</i>	-0.428854	0.139104	-3.082984	0.00204936	0.093629524
<i>USP28</i>	-0.359864	0.116801	-3.081007	0.002063021	0.093809079
<i>TNFRSF13B</i>	1.121829	0.364598	3.076896	0.002091686	0.094069044
<i>DDX19B</i>	-0.330851	0.107535	-3.076679	0.002093209	0.094069044

SF3B4	-0.398188	0.129498	-3.074844	0.002106127	0.094069044
RRM2B	-0.383902	0.124862	-3.074611	0.002107771	0.094069044
ALOX5	-0.300147	0.097738	-3.070925	0.002133968	0.094799334
NSMAF	0.464512	0.151868	3.058661	0.002223288	0.098314225
ENSG00000272172	-1.522937	0.498043	-3.057843	0.002229361	NA
INAVA	-2.995991	0.980522	-3.055507	0.002246801	NA
PDE4B	0.211589	0.069285	3.053884	0.002258996	0.09847402
CABLES1	-0.693697	0.227169	-3.053662	0.002260663	0.09847402
KPNA2	-0.44671	0.146368	-3.051958	0.002273537	0.09847402
ELP3	-0.563254	0.184604	-3.051148	0.002279684	0.09847402
MFSD13A	-0.70715	0.231806	-3.050618	0.002283711	0.09847402
TNFAIP3	-0.63185	0.207162	-3.050029	0.002288193	0.09847402
RAB9A	0.407206	0.133711	3.045423	0.002323533	0.099204193
AASDH	0.391809	0.128667	3.045137	0.002325741	0.099204193
TAF11	0.312455	0.102692	3.042659	0.002344981	0.099584215
PFKFB3	-0.490162	0.161224	-3.040247	0.002363844	0.099868223
STX7	0.237964	0.078299	3.03916	0.002372388	0.099868223
TMC6	-0.288386	0.094932	-3.037808	0.002383058	0.099881219
SPPL2A	-0.3066	0.10104	-3.034443	0.0024098	0.099921447
ZNF860	0.519527	0.17121	3.034437	0.002409853	0.099921447
PNPLA8	0.268386	0.088466	3.033779	0.002415114	0.099921447
SARS2	-0.697553	0.230052	-3.032155	0.002428146	0.100031305
TAGAP	-0.492943	0.16273	-3.029217	0.002451886	0.100087824
ENSG00000237491	-0.671006	0.221545	-3.028755	0.002455634	0.100087824
NOP16	0.466188	0.153969	3.027796	0.00246344	0.100087824
ADRB2	0.823436	0.27207	3.026559	0.002473549	0.100087824
GPR18	0.629552	0.208075	3.025597	0.00248143	0.100087824
SERPINB6	0.501514	0.166032	3.020582	0.002522896	0.101336335
HLA.C	-0.485151	0.160839	-3.016376	0.002558159	0.101919252
ACAP1	0.293331	0.097248	3.016329	0.002558554	0.101919252
PTPN20	-1.630377	0.541231	-3.01235	0.002592333	NA
MREG	-0.624325	0.2077	-3.005905	0.002647915	0.105044848
MINDY2	0.378593	0.126093	3.002486	0.002677843	0.105796765
PPM1K	0.22176	0.073958	2.998476	0.002713335	0.106761407
RBM15	0.402534	0.134337	2.996445	0.002731474	0.107038268
REEP3	0.452765	0.151178	2.994911	0.002745249	0.107142494
THG1L	0.570651	0.190701	2.992388	0.002768045	0.107596593
CD27	1.127606	0.377183	2.989546	0.002793923	0.108166345
CCDC78	-1.867102	0.625101	-2.986881	0.002818397	NA
DUSP12	-0.310487	0.104004	-2.985341	0.002832624	0.109091027
CARD8	-0.276231	0.092591	-2.983338	0.002851232	0.109091027
P2RY8	-0.336082	0.112655	-2.983281	0.002851757	0.109091027
SPOP	0.259784	0.087273	2.976699	0.002913699	0.111019975
NMT2	-0.382223	0.128459	-2.975449	0.002925599	0.111034548
LILRB1	0.393952	0.132513	2.972941	0.002949607	0.111304639
SLC25A26	-0.264806	0.089138	-2.970753	0.002970705	0.111304639
STN1	0.44127	0.148579	2.969943	0.002978551	0.111304639

<i>TRAF3</i>	-0.261284	0.087977	-2.969907	0.0029789	0.111304639
<i>LY6E</i>	0.349634	0.117799	2.968055	0.002996906	0.111545056
<i>POLE3</i>	-0.271571	0.091552	-2.966306	0.003014005	0.111750015
<i>MRPL54</i>	-0.268261	0.09048	-2.96487	0.003028105	0.11184267
<i>ENSG00000259001</i>	1.094851	0.369705	2.961419	0.003062252	NA
<i>HVCN1</i>	-0.396961	0.134054	-2.961197	0.00306446	0.112451453
<i>EIF2AK4</i>	-0.44711	0.15105	-2.96001	0.003076291	0.112451453
<i>SERTAD2</i>	0.351269	0.118685	2.95968	0.003079583	0.112451453
<i>MED11</i>	0.223049	0.075395	2.958423	0.003092175	0.112485168
<i>HLA.A</i>	-0.469464	0.158929	-2.953931	0.003137545	0.11370652
<i>ARCN1</i>	0.413952	0.140445	2.947435	0.003204226	0.115688147
<i>TMEM120A</i>	-0.470106	0.159661	-2.944412	0.003235694	0.116388398
<i>TMEM70</i>	0.349462	0.118898	2.939169	0.003290933	0.117824309
<i>ARHGEF3</i>	-0.342433	0.116541	-2.938311	0.003300058	0.117824309
<i>ENSG00000278384</i>	1.814486	0.617706	2.937459	0.003309138	NA
<i>ENSG00000267002</i>	0.31354	0.106783	2.936251	0.003322056	0.117866197
<i>LTBP3</i>	0.310247	0.105697	2.935257	0.003332711	0.117866197
<i>DHRS4L2</i>	0.450895	0.153639	2.934774	0.003337912	0.117866197
<i>TOE1</i>	-0.430269	0.147113	-2.924748	0.003447357	0.120829305
<i>SLA</i>	0.375959	0.128603	2.923413	0.003462167	0.120829305
<i>SNX8</i>	-0.357695	0.122398	-2.922396	0.003473492	0.120829305
<i>ARSD</i>	0.711152	0.243472	2.920876	0.003490489	0.120829305
<i>C21orf62.AS1</i>	1.057755	0.362201	2.920354	0.003496341	NA
<i>SMIM4</i>	-0.406814	0.139398	-2.918367	0.003518701	0.120829305
<i>TRIM56</i>	0.225729	0.077362	2.917835	0.003524706	0.120829305
<i>AK6</i>	0.355372	0.12185	2.91648	0.003540057	0.120829305
<i>FAM120A</i>	0.336977	0.115592	2.915224	0.003554339	0.120829305
<i>FAM102A</i>	0.592718	0.203328	2.915086	0.003555901	0.120829305
<i>FNIP1</i>	-0.382095	0.1311	-2.91453	0.00356225	0.120829305
<i>HIST1H3E</i>	0.754127	0.258977	2.911946	0.003591851	0.120829305
<i>GATM</i>	0.938007	0.322181	2.911428	0.003597809	0.120829305
<i>FGR</i>	-0.735434	0.25274	-2.909841	0.003616123	0.120829305
<i>NBPF9</i>	0.608436	0.20912	2.909505	0.003620012	0.120829305
<i>RABEP2</i>	0.250293	0.08603	2.909379	0.00362147	0.120829305
<i>PARP9</i>	0.387314	0.133166	2.908507	0.003631593	0.120829305
<i>RBAK.RBAKDN</i>	0.35122	0.120768	2.908222	0.003634906	0.120829305
<i>ENSG00000265218</i>	-2.08549	0.717473	-2.906715	0.00365246	NA
<i>RAB3GAP1</i>	-0.312244	0.107533	-2.903702	0.003687794	0.121428324
<i>TACC1</i>	0.361836	0.124622	2.903472	0.003690498	0.121428324
<i>TYSND1</i>	-0.514334	0.177169	-2.903069	0.003695253	0.121428324
<i>TPMT</i>	-0.477976	0.164781	-2.900684	0.003723488	0.121428324
<i>GM2A</i>	0.543719	0.187464	2.900385	0.003727047	0.121428324
<i>BAG2</i>	0.527044	0.181723	2.900262	0.003728505	0.121428324
<i>RMND5A</i>	0.453612	0.156587	2.896867	0.003769096	0.122202518
<i>USP53</i>	0.768912	0.265494	2.896157	0.00377763	0.122202518
<i>ZNF667.AS1</i>	0.422151	0.145846	2.894491	0.003797735	0.122442026
<i>FADS3</i>	-0.26965	0.093264	-2.891248	0.003837147	0.123300334

<i>CALM3</i>	-0.284303	0.098426	-2.888485	0.003871022	0.1239756
<i>FCRL4</i>	1.750294	0.606847	2.88424	0.00392359	NA
<i>CHCHD5</i>	-0.307109	0.106546	-2.882412	0.003946439	0.125581419
<i>SUN1</i>	-0.310729	0.107804	-2.882349	0.003947217	0.125581419
<i>SLC25A43</i>	0.424961	0.147492	2.881253	0.003960978	0.125604682
<i>KLB</i>	-2.062507	0.715961	-2.880753	0.003967258	NA
<i>CCDC51</i>	0.50831	0.176623	2.877944	0.00400276	0.12596178
<i>DEDD2</i>	0.290403	0.100917	2.877642	0.004006593	0.12596178
<i>METTL7A</i>	0.298127	0.103615	2.877261	0.004011438	0.12596178
<i>CRTC2</i>	-0.32478	0.11297	-2.874927	0.004041209	0.126484603
<i>FAM122A</i>	0.301002	0.104818	2.871672	0.00408306	0.12738091
<i>AMD1</i>	0.345662	0.120452	2.869705	0.00410855	0.127762667
<i>PILRB</i>	0.481528	0.167941	2.867238	0.004140713	0.128348791
<i>THRB</i>	1.669661	0.58237	2.867013	0.00414366	NA
<i>MAPRE2</i>	0.397558	0.138745	2.865385	0.00416502	0.128688426
<i>CREB3L2</i>	-0.395342	0.138107	-2.862579	0.004202091	0.129419042
<i>RBIS</i>	0.239542	0.083716	2.86137	0.00421814	0.129499579
<i>PEX16</i>	-0.231391	0.080922	-2.859419	0.004244181	0.129785168
<i>ENSG00000280433</i>	-0.838318	0.293181	-2.859384	0.004244646	NA
<i>CCDC126</i>	0.484819	0.169597	2.858658	0.004254369	0.129785168
<i>C9orf72</i>	-0.513412	0.18012	-2.850396	0.004366479	0.13240725
<i>ZBTB3</i>	-0.732261	0.256988	-2.849401	0.004380162	0.13240725
<i>WDR55</i>	-0.324152	0.113765	-2.849302	0.004381526	0.13240725
<i>PHF23</i>	0.296513	0.104144	2.847154	0.004411208	0.13288765
<i>ZNF330</i>	0.363477	0.127755	2.845117	0.004439505	0.133323439
<i>CNTRL</i>	0.210615	0.074067	2.84359	0.004460842	0.133341068
<i>SPATA24</i>	-0.667122	0.234646	-2.843096	0.004467756	0.133341068
<i>ALOX12.AS1</i>	0.358796	0.126298	2.84086	0.004499204	0.133865192
<i>ZNF835</i>	0.889371	0.313136	2.840208	0.004508408	NA
<i>ATP6V0A1</i>	0.432192	0.152457	2.83484	0.004584871	0.135994324
<i>BCL2L11</i>	-0.615994	0.21762	-2.830595	0.00464615	0.137185549
<i>CD79B</i>	-0.233717	0.082613	-2.829057	0.004668536	0.137185549
<i>POLR2L</i>	0.289306	0.102304	2.827896	0.004685509	0.137185549
<i>MTHFR</i>	0.403748	0.142791	2.827539	0.00469073	0.137185549
<i>HRK</i>	-1.662404	0.588011	-2.827167	0.004696186	0.137185549
<i>ZNF827</i>	0.796675	0.281891	2.826177	0.004710719	0.137194357
<i>TMEM205</i>	-0.316397	0.112002	-2.824914	0.004729325	0.137321376
<i>CAV1</i>	-0.639229	0.226838	-2.818	0.004832386	0.139332861
<i>AK1</i>	-0.580421	0.206047	-2.816937	0.004848398	0.139332861
<i>TMEM19</i>	0.238673	0.084792	2.814809	0.004880617	0.139332861
<i>DBNL</i>	-0.252878	0.089842	-2.81471	0.004882125	0.139332861
<i>ENSG00000275464</i>	-0.898276	0.31916	-2.814502	0.00488529	0.139332861
<i>LIMD2</i>	-0.229136	0.081413	-2.8145	0.004885322	0.139332861
<i>MACF1</i>	0.297323	0.105831	2.809415	0.004963163	0.141135363
<i>ENSG00000279483</i>	-0.30216	0.107605	-2.808062	0.004984062	0.141312825
<i>UPB1</i>	-1.49338	0.532397	-2.805013	0.005031453	NA
<i>ZNF391</i>	1.351697	0.48246	2.801676	0.005083794	NA



<i>ENSG00000261786</i>	2.142904	0.766699	2.794975	0.005190376	NA
<i>GRN</i>	-0.285108	0.10209	-2.79271	0.005226847	0.147761898
<i>TTC39B</i>	-1.214583	0.435049	-2.791831	0.005241073	NA
<i>NDUFV3</i>	0.29424	0.105436	2.790686	0.005259652	0.148254514
<i>FRY.AS1</i>	-1.11033	0.398511	-2.786196	0.005333066	NA
<i>AAK1</i>	-0.665325	0.238825	-2.785828	0.005339126	0.14968864
<i>ENSG00000270562</i>	0.63918	0.229452	2.785678	0.005341586	0.14968864
<i>TAF1A</i>	0.480443	0.17253	2.784689	0.005357902	0.149710648
<i>ENSG00000277369</i>	-2.602331	0.934549	-2.784584	0.005359636	NA
<i>RHBDD2</i>	-0.354405	0.127361	-2.782689	0.005391038	0.150201165
<i>CARMIL1</i>	-1.004674	0.361598	-2.778427	0.005462276	0.150764885
<i>RPL8</i>	0.30357	0.109287	2.777734	0.005473946	0.150764885
<i>CMTM7</i>	-0.395453	0.142388	-2.77728	0.005481602	0.150764885
<i>CKS1B</i>	0.233624	0.084133	2.776843	0.005488961	0.150764885
<i>FOXO3</i>	0.473644	0.170647	2.775585	0.00551025	0.150764885
<i>ERGIC2</i>	0.232212	0.083678	2.775074	0.005518907	0.150764885
<i>ENSG00000268400</i>	-1.32119	0.476102	-2.775013	0.005519944	NA
<i>MED13</i>	0.342148	0.123298	2.774966	0.005520747	0.150764885
<i>MYL12A</i>	0.199378	0.071985	2.769706	0.005610697	0.151881812
<i>BNIP3</i>	0.298852	0.107904	2.769613	0.005612295	0.151881812
<i>PMVK</i>	0.297232	0.107322	2.769544	0.005613481	0.151881812
<i>VPREB1</i>	-1.621823	0.585841	-2.768369	0.005633758	0.151881812
<i>ZNF470</i>	0.772951	0.279252	2.767936	0.005641259	0.151881812
<i>UBC</i>	-0.366361	0.132418	-2.766711	0.005662497	0.151881812
<i>GNG11</i>	1.085592	0.392394	2.766589	0.005664604	NA
<i>DDB2</i>	-0.283271	0.102416	-2.765895	0.005676684	0.151881812
<i>EIF5</i>	0.192797	0.069721	2.765263	0.00568769	0.151881812
<i>PROC</i>	1.354931	0.489999	2.765169	0.00568933	NA
<i>ZC3H7A</i>	-0.413084	0.149472	-2.763629	0.005716257	0.152222973
<i>SGMS1.AS1</i>	-0.686578	0.248719	-2.760457	0.005772061	0.153285594
<i>C3orf14</i>	1.848453	0.66969	2.760162	0.005777278	NA
<i>ZNF628</i>	-0.862717	0.31274	-2.758579	0.005805333	0.153441072
<i>ARL4C</i>	-0.632539	0.229319	-2.75833	0.00580975	0.153441072
<i>GOPC</i>	0.338593	0.122893	2.755183	0.005865935	0.154501665
<i>CNOT1</i>	-0.261178	0.094876	-2.75283	0.005908254	0.155122606
<i>NELFE</i>	-0.212901	0.07736	-2.752086	0.005921693	0.155122606
<i>ENSG00000277476</i>	0.964681	0.350569	2.751755	0.005927678	NA
<i>NIPAL3</i>	0.400066	0.145436	2.750807	0.005944872	0.155304347
<i>BLOC1S3</i>	0.407396	0.148148	2.749927	0.005960852	0.155304347
<i>FGFR1OP2</i>	0.268088	0.097523	2.748982	0.00597806	0.155332886
<i>PM20D2</i>	0.520528	0.189872	2.741464	0.006116615	0.158505822
<i>MED23</i>	-0.382389	0.139704	-2.73714	0.006197593	0.159948626
<i>ELOA</i>	0.297589	0.108739	2.736722	0.006205476	0.159948626
<i>APOBEC3H</i>	-0.973374	0.355874	-2.735169	0.006234825	0.160276579
<i>CTDSP2</i>	0.281041	0.10285	2.732549	0.006284639	0.160817091
<i>SNHG9</i>	-0.365774	0.133886	-2.731975	0.006295587	0.160817091
<i>UPP1</i>	0.655629	0.240031	2.731436	0.006305898	0.160817091

<i>ENSG0000007237</i>	-0.791293	0.289908	-2.729459	0.006343836	0.16132299
<i>ENSG00000228463</i>	0.413991	0.151719	2.728661	0.006359205	0.16132299
<i>ENSG00000245904</i>	0.289023	0.105958	2.727705	0.006377659	0.161366498
<i>ELMSAN1</i>	0.322584	0.118312	2.726555	0.006399931	0.161506109
<i>CHID1</i>	-0.374345	0.137476	-2.722976	0.00646967	0.162839735
<i>ERRFI1</i>	1.42442	0.523333	2.721822	0.006492319	NA
<i>ENSG00000273748</i>	-0.934016	0.343283	-2.720833	0.00651176	0.163325071
<i>ENSG00000244701</i>	-0.563501	0.207149	-2.720271	0.006522837	0.163325071
<i>GBP2</i>	0.351092	0.12911	2.719322	0.006541584	0.163370117
<i>LINC00638</i>	1.186595	0.436454	2.718717	0.006553575	NA
<i>SEL1L3</i>	0.354316	0.130521	2.714628	0.00663503	0.165275683
<i>GCNT1</i>	0.701622	0.258602	2.713139	0.006664906	0.165591997
<i>SF1</i>	-0.137746	0.050819	-2.710519	0.006717791	0.166372407
<i>FCGR2B</i>	0.713676	0.263528	2.708157	0.006765809	0.166372407
<i>TMED8</i>	0.355321	0.131225	2.707728	0.006774553	0.166372407
<i>GSTO1</i>	0.261215	0.096472	2.707666	0.006775813	0.166372407
<i>TNFRSF12A</i>	1.066839	0.394055	2.707333	0.00678261	0.166372407
<i>BBX</i>	0.201828	0.074594	2.705692	0.006816214	0.166772342
<i>ZNF419</i>	0.427381	0.158098	2.703273	0.006866026	0.167565802
<i>DNAJA1</i>	0.268408	0.099328	2.702249	0.006887206	0.167658254
<i>TBPL1</i>	0.232037	0.086031	2.697136	0.006993877	0.169354717
<i>PTGIR</i>	-1.054023	0.390854	-2.696721	0.007002587	0.169354717
<i>PHKG1</i>	-0.432647	0.160475	-2.696044	0.007016835	0.169354717
<i>TOB2</i>	0.267048	0.09907	2.695554	0.007027167	0.169354717
<i>FBXW9</i>	-0.89046	0.330713	-2.692547	0.007090844	NA
<i>GPM6B</i>	0.304518	0.113204	2.689998	0.007145242	0.171770916
<i>EIF3J.DT</i>	0.257369	0.095724	2.688668	0.007173775	0.171940186
<i>LINC01355</i>	0.5143	0.191331	2.688009	0.007187956	0.171940186
<i>FAM78A</i>	0.390355	0.145323	2.686127	0.007228566	0.172218935
<i>PRDX3</i>	0.241097	0.089799	2.684861	0.007256004	0.172218935
<i>BYSL</i>	0.684816	0.255122	2.684265	0.007268941	0.172218935
<i>SDE2</i>	-0.507355	0.189065	-2.683502	0.007285561	0.172218935
<i>ENSG00000272831</i>	-0.429619	0.160106	-2.683347	0.007288934	0.172218935
<i>DDX49</i>	-0.382366	0.142589	-2.681598	0.007327135	0.17269825
<i>GTF2IRD2</i>	-0.384834	0.143592	-2.680051	0.0073611	0.173075624
<i>CDC26</i>	0.238739	0.089379	2.671099	0.007560341	0.177327716
<i>ZRANB3</i>	-0.634184	0.237575	-2.669402	0.007598646	0.177703698
<i>FXD2</i>	-0.772116	0.289317	-2.668758	0.007613239	0.177703698
<i>UNC45A</i>	-0.282765	0.106014	-2.667233	0.007647863	0.178080686
<i>PPBP</i>	2.854967	1.071457	2.664564	NA	NA
<i>DHX30</i>	-0.26267	0.098718	-2.66082	0.007795052	0.181070595
<i>DDX6</i>	-0.230462	0.086654	-2.659576	0.007823908	0.18130403
<i>TERF2IP</i>	0.22002	0.08286	2.655332	0.007923045	0.182819627
<i>YTHDF3</i>	0.412165	0.155232	2.655153	0.007927241	0.182819627
<i>PIGT</i>	-0.329406	0.124161	-2.65306	0.00797657	0.183518229
<i>RTP4</i>	0.609309	0.229788	2.65161	0.008010899	0.183869208
<i>NCBP2</i>	-0.210297	0.079348	-2.650317	0.008041635	0.184136245

<i>UPF2</i>	-0.138622	0.052323	-2.649365	0.008064314	0.184217987
<i>HDDC2</i>	-0.253771	0.095854	-2.647463	0.008109829	0.184423313
<i>GOLGA7</i>	-0.247379	0.093443	-2.64739	0.008111565	0.184423313
<i>DPH5</i>	0.300297	0.113551	2.64461	0.008178521	0.185508094
<i>ZNF473</i>	0.680745	0.257575	2.642903	0.008219867	0.186008262
<i>TRMT112</i>	0.218873	0.0829	2.640207	0.008285546	0.186570187
<i>GID8</i>	-0.227424	0.086161	-2.639523	0.008302291	0.186570187
<i>TSHZ1</i>	0.676657	0.256429	2.638772	0.008320696	0.186570187
<i>NOL12</i>	-0.393043	0.149021	-2.637496	0.008352062	0.186570187
<i>IGHA1</i>	-0.452862	0.171704	-2.637449	0.008353209	0.186570187
<i>C16orf74</i>	-0.406055	0.153976	-2.63714	0.008360822	0.186570187
<i>RNF19A</i>	0.348502	0.13225	2.635182	0.008409212	0.186855397
<i>UCP2</i>	-0.259322	0.098412	-2.635055	0.00841237	0.186855397
<i>ZNF784</i>	-0.6876	0.26122	-2.632263	0.008481809	0.187559523
<i>BARD1</i>	0.367529	0.139647	2.631833	0.008492556	0.187559523
<i>CCDC191</i>	-0.713952	0.271316	-2.631438	0.008502439	0.187559523
<i>ENSG00000272379</i>	1.410762	0.536303	2.630531	0.008525169	NA
<i>CLHC1</i>	0.74967	0.285154	2.629002	0.008563594	0.188400341
<i>ACO2</i>	-0.219637	0.083564	-2.628356	0.008579871	0.188400341
<i>C6orf47</i>	0.247582	0.09423	2.62741	0.008603762	0.188400341
<i>MOB4</i>	0.258686	0.098479	2.626818	0.008618729	0.188400341
<i>FNBP1L</i>	0.586361	0.223386	2.624877	0.008668016	0.188791429
<i>LRP5L</i>	-0.661872	0.252183	-2.624567	0.008675931	0.188791429
<i>TNFRSF17</i>	0.958871	0.365505	2.623412	0.00870539	0.188791429
<i>FAM111A.DT</i>	0.361052	0.137646	2.623038	0.008714957	0.188791429
<i>DNASE1</i>	0.360106	0.137345	2.621913	0.008743764	0.188990778
<i>PDE4DIP</i>	-0.425812	0.16272	-2.616836	0.008874888	0.1913958
<i>LDOC1</i>	0.832412	0.318239	2.615685	0.008904855	0.191613406
<i>PDE6D</i>	-0.307802	0.117794	-2.613049	0.008973851	0.192667987
<i>MALSU1</i>	0.29483	0.112974	2.609728	0.009061428	0.194115934
<i>NRDC</i>	-0.256242	0.098284	-2.607169	0.009129434	0.195139123
<i>MGAT5B</i>	-0.736478	0.282587	-2.606202	0.009155235	0.195257659
<i>TBC1D8</i>	-0.964129	0.370294	-2.603685	0.009222741	NA
<i>DPY30</i>	0.196672	0.075575	2.602332	0.009259225	0.197039568
<i>CYBC1</i>	-0.220977	0.085104	-2.596541	0.009416757	0.199733478
<i>GNPDA1</i>	1.002097	0.385992	2.596159	0.009427254	0.199733478
<i>GATC</i>	0.341663	0.131705	2.594163	0.009482148	0.200455945
<i>C2orf42</i>	0.50367	0.194282	2.592467	0.009529043	0.200984148
<i>ENSG00000254837</i>	0.85048	0.328127	2.591925	0.009544063	NA
<i>ENSG00000266918</i>	-1.067828	0.412064	-2.591414	0.009558235	NA
<i>IL2RA</i>	-0.828927	0.319916	-2.591079	0.009567557	0.200984148
<i>STMN1</i>	-0.317673	0.122642	-2.590241	0.009590875	0.200984148
<i>AGTRAP</i>	-0.379794	0.14664	-2.589969	0.009598461	0.200984148
<i>NRP2</i>	-0.604964	0.233679	-2.588872	0.009629083	0.200984148
<i>C9orf64</i>	0.665563	0.257097	2.58876	0.009632228	0.200984148
<i>ZNF442</i>	-1.361937	0.526219	-2.588158	0.009649079	NA
<i>SORL1</i>	-0.308906	0.11939	-2.587367	0.009671254	0.201362614

<i>PSMA8</i>	1.558479	0.602757	2.585586	0.009721367	NA
<i>PIGX</i>	-0.441953	0.170935	-2.585498	0.009723848	0.202021325
<i>RDX</i>	0.324749	0.125723	2.583049	0.009793134	0.202878717
<i>XRRA1</i>	-0.882864	0.341857	-2.582554	0.009807208	0.202878717
<i>DBI</i>	-0.205654	0.079657	-2.58176	0.009829805	0.202910753
<i>C9orf16</i>	-0.198219	0.076817	-2.580393	0.009868781	0.203280024
<i>ZNF747</i>	-0.390453	0.151578	-2.575917	0.009997454	0.205491385
<i>PURB</i>	0.37356	0.14517	2.573258	0.0100746	0.206354794
<i>LRRC61</i>	-0.610744	0.23738	-2.572849	0.010086513	0.206354794
<i>LPAR5</i>	0.412034	0.160201	2.571978	0.010111923	0.206354794
<i>TRIM4</i>	0.261697	0.101767	2.571528	0.010125085	0.206354794
<i>ENSG00000244459</i>	0.530167	0.206399	2.568645	0.010209695	0.207399409
<i>HSPA1A</i>	-1.423805	0.554373	-2.568317	0.010219369	0.207399409
<i>FKBP5</i>	0.620247	0.241574	2.56753	0.010242586	0.207433885
<i>MIS12</i>	0.286223	0.111559	2.565674	0.010297558	0.208109977
<i>JADE3</i>	0.535892	0.208999	2.564091	0.010344653	0.208370527
<i>TMEM60</i>	0.311244	0.1214	2.563788	0.010353681	0.208370527
<i>S100A13</i>	-0.699847	0.273071	-2.562881	0.010380777	0.208480606
<i>TPM4</i>	0.241441	0.094294	2.560506	0.010451995	0.209474485
<i>UQCRC2</i>	-0.2253	0.088035	-2.559205	0.010491191	0.209771825
<i>PLXNA1</i>	-0.734738	0.287223	-2.558071	0.010525467	NA
<i>APEH</i>	-0.384043	0.15013	-2.55807	0.010525485	0.209771825
<i>MSL3</i>	0.219271	0.085725	2.557851	0.010532112	0.209771825
<i>GCFC2</i>	-0.420248	0.164351	-2.557011	0.01055759	0.209845716
<i>TPI1</i>	-0.150772	0.058987	-2.55603	0.010587394	0.210005101
<i>LUCAT1</i>	1.151097	0.450596	2.554612	0.010630613	NA
<i>RAB23</i>	0.915486	0.35877	2.551738	0.010718724	NA
<i>MLST8</i>	-0.318165	0.12469	-2.551641	0.010721683	0.212232086
<i>POLR3K</i>	0.235166	0.092203	2.550525	0.010756089	0.212418654
<i>MARCHF1</i>	0.45882	0.179936	2.549907	0.010775179	0.212418654
<i>CASP4</i>	0.171507	0.067302	2.548309	0.010824646	0.212958337
<i>S1PR4</i>	0.332309	0.130475	2.546905	0.010868312	0.213381934
<i>ENSG00000272426</i>	0.899759	0.353559	2.54486	0.010932168	NA
<i>BET1</i>	0.255193	0.100279	2.544843	0.01093269	0.214209609
<i>KLK4</i>	1.932528	0.759725	2.543721	0.010967851	NA
<i>MOB3B</i>	0.659278	0.259186	2.543648	0.010970172	0.214439137
<i>CERS4</i>	-0.314954	0.123849	-2.543052	0.010988894	0.214439137
<i>SCAMP4</i>	-0.462194	0.181921	-2.540626	0.011065413	0.215496133
<i>UACA</i>	1.588208	0.625325	2.539814	0.011091157	NA
<i>NDUF4F4</i>	0.273037	0.107581	2.537963	0.011149982	0.216705291
<i>ENSG00000271204</i>	0.434991	0.171604	2.534845	0.01124972	0.217784411
<i>PHF20</i>	0.178383	0.070375	2.534742	0.011253005	0.217784411
<i>CSDE1</i>	-0.151986	0.059993	-2.53338	0.011296842	0.217784411
<i>PARP15</i>	0.327502	0.129309	2.532706	0.011318592	0.217784411
<i>ARHGAP17</i>	0.292886	0.115699	2.531461	0.011358861	0.217784411
<i>NFKB2</i>	-0.395099	0.156118	-2.530763	0.011381457	0.217784411
<i>ILK</i>	0.200973	0.079414	2.530684	0.011384035	0.217784411

<i>CCDC71</i>	-0.366438	0.144802	-2.530616	0.011386239	0.217784411
<i>ZKSCAN1</i>	-0.232638	0.091967	-2.529587	0.011419687	0.217991657
<i>DHTKD1</i>	-0.346789	0.137171	-2.528143	0.011466753	0.218311765
<i>TMF1</i>	0.202155	0.079986	2.527396	0.011491182	0.218311765
<i>ENSG00000223881</i>	-1.074169	0.425048	-2.527172	0.011498503	NA
<i>ZNF557</i>	0.461746	0.182726	2.526993	0.011504396	0.218311765
<i>WBP1L</i>	-0.298134	0.118082	-2.524798	0.011576495	0.219041528
<i>TRIM69</i>	0.340218	0.13477	2.524439	0.011588297	0.219041528
<i>DCUN1D5</i>	0.275544	0.109208	2.523098	0.011632592	0.21944851
<i>CREBRF</i>	0.205851	0.081615	2.522232	0.011661284	0.219529162
<i>CD44</i>	-0.23864	0.094638	-2.521595	0.011682413	0.219529162
<i>SPINK2</i>	-1.885229	0.747874	-2.520784	0.011709382	NA
<i>ENSG00000267042</i>	1.739171	0.690157	2.519964	0.011736688	NA
<i>IGLV4.69</i>	-2.097872	0.832677	-2.519431	0.011754468	NA
<i>TRADD</i>	-0.243154	0.0966	-2.517132	0.011831445	0.220628521
<i>RALGPS2</i>	0.300132	0.119245	2.516939	0.011837917	0.220628521
<i>TCTN1</i>	-0.763839	0.303542	-2.516419	0.011855413	0.220628521
<i>GBGT1</i>	0.581525	0.231151	2.515784	0.01187678	0.220628521
<i>VPS26C</i>	0.277213	0.110193	2.515706	0.011879429	0.220628521
<i>DIP2B</i>	0.368645	0.146579	2.514995	0.011903409	0.220628521
<i>CXorf21</i>	0.374027	0.148752	2.514433	0.011922403	0.220628521
<i>RBBP8</i>	-0.472804	0.188039	-2.514385	0.01192401	0.220628521
<i>SLC38A2</i>	0.24901	0.099074	2.513375	0.011958212	0.220837472
<i>AP4M1</i>	-0.317901	0.12652	-2.512659	0.011982516	0.220863207
<i>LZTS3</i>	-1.217939	0.485052	-2.510943	0.012040926	NA
<i>SAMD9L</i>	0.323284	0.128811	2.509761	0.012081284	0.221508603
<i>GPATCH2</i>	-0.402455	0.160364	-2.509624	0.012085985	0.221508603
<i>PAFAH2</i>	0.686438	0.273524	2.50961	0.012086465	0.221508603
<i>ZNRD1ASP</i>	-0.441665	0.176213	-2.506427	0.012195814	0.222587568
<i>CPLANE1</i>	-0.443497	0.176957	-2.506233	0.012202504	0.222587568
<i>NDUFAB1</i>	0.357688	0.142739	2.505883	0.012214608	0.222587568
<i>FYCO1</i>	0.937562	0.374401	2.504165	0.012274086	NA
<i>FMNL2</i>	-1.466461	0.585966	-2.50264	0.012327089	NA
<i>ENSG00000275964</i>	-0.652133	0.260591	-2.502512	0.012331528	0.223958297
<i>ENSG00000268516</i>	0.387623	0.154902	2.502376	0.012336292	0.223958297
<i>C6orf226</i>	-0.406671	0.162563	-2.501625	0.012362462	0.224011529
<i>CD37</i>	-0.201285	0.080515	-2.499962	0.012420665	0.224529212
<i>PDCL3</i>	-0.332311	0.132959	-2.49935	0.012442126	0.224529212
<i>JMJD6</i>	0.31584	0.126396	2.498816	0.012460905	0.224529212
<i>HSH2D</i>	-0.328509	0.131521	-2.497762	0.012497997	0.224777413
<i>PLAAT3</i>	-0.903806	0.362394	-2.493986	0.012631769	0.226404768
<i>NUCB2</i>	-0.540416	0.216729	-2.493508	0.012648786	0.226404768
<i>HNRNPDL</i>	-0.184246	0.073903	-2.493088	0.012663762	0.226404768
<i>TSPAN33</i>	-0.336321	0.13493	-2.492555	0.012682758	0.226404768
<i>RHOT2</i>	-0.2119	0.085035	-2.491908	0.012705911	0.226404768
<i>CLNS1A</i>	0.259339	0.104151	2.490029	0.012773278	0.226877522
<i>SCP2</i>	-0.290299	0.116593	-2.489855	0.012779512	0.226877522

<i>COX17</i>	0.314517	0.126393	2.488412	0.012831512	0.227369764
<i>TPRA1</i>	0.406747	0.163498	2.487778	0.012854411	0.227369764
<i>C17orf49</i>	-0.462936	0.186175	-2.486559	0.012898512	0.227731976
<i>LINC00662</i>	0.294875	0.118802	2.482062	0.013062439	0.229859586
<i>ENSG00000255240</i>	-0.549757	0.22154	-2.481523	0.01308221	0.229859586
<i>SNAPC1</i>	0.318273	0.128269	2.481296	0.013090551	0.229859586
<i>CNOT6L</i>	-0.450012	0.181575	-2.478388	0.013197764	0.230861454
<i>GADD45B</i>	-0.344762	0.139107	-2.478386	0.013197826	0.230861454
<i>EIF4E</i>	0.197487	0.079711	2.477529	0.013229569	0.230861454
<i>GIN54</i>	-0.552733	0.223132	-2.477156	0.013243401	0.230861454
<i>IKZF2</i>	-0.611851	0.247179	-2.475335	0.013311124	0.231615204
<i>OPTN</i>	-0.522105	0.210977	-2.474703	0.013334693	0.231615204
<i>RHEB</i>	0.226147	0.091431	2.473409	0.013383079	0.231847429
<i>UNC50</i>	0.291963	0.118082	2.47254	0.013415667	0.231847429
<i>ENSG00000258056</i>	0.579013	0.234225	2.472034	0.01343467	0.231847429
<i>NAA10</i>	-0.158491	0.06412	-2.471779	0.013444265	0.231847429
<i>C19orf12</i>	0.336793	0.136318	2.470638	0.013487213	0.232172742
<i>BHLHE41</i>	1.149076	0.465155	2.470308	0.013499662	NA
<i>NFE2L3</i>	1.184714	0.479868	2.468833	0.01355546	NA
<i>ZNF506</i>	0.331767	0.134403	2.468445	0.013570156	0.233184137
<i>IRF2BPL</i>	0.36505	0.147964	2.467156	0.01361911	0.233608934
<i>ETS2</i>	-1.043487	0.423533	-2.463769	0.013748457	NA
<i>C12orf65</i>	0.24897	0.101067	2.46341	0.01376223	0.235285613
<i>TOB1</i>	0.347784	0.141185	2.463321	0.013765673	0.235285613
<i>DTX3L</i>	0.341194	0.138673	2.460415	0.013877626	0.236779312
<i>DHX9</i>	-0.223124	0.090772	-2.458082	0.013968143	0.23786215
<i>BMI1</i>	0.30248	0.123084	2.457509	0.01399044	0.23786215
<i>IGHV3.30</i>	1.111375	0.453197	2.452299	0.014194672	NA
<i>CYTIP</i>	0.183134	0.074685	2.452074	0.014203564	0.240221556
<i>S100A11</i>	0.336669	0.137311	2.451878	0.014211275	0.240221556
<i>LCLAT1</i>	0.642027	0.261878	2.451624	0.014221329	0.240221556
<i>PPP2R2A</i>	0.225114	0.091844	2.451045	0.014244211	0.240221556
<i>CA2</i>	0.720318	0.29389	2.450978	0.014246865	NA
<i>TCL1A</i>	-0.430437	0.175631	-2.450803	0.01425381	0.240221556
<i>TMEM101</i>	0.283717	0.115796	2.450138	0.014280139	0.240232301
<i>CDC42EP3</i>	0.684629	0.279536	2.449164	0.014318812	0.240232301
<i>CEP135</i>	-0.21056	0.085981	-2.448903	0.014329209	0.240232301
<i>EEFSEC</i>	-0.339293	0.138601	-2.447982	0.0143659	0.240429296
<i>RHBDF2</i>	-0.231711	0.094709	-2.44656	0.014422664	0.240661341
<i>NDUFB11</i>	0.207247	0.084729	2.445992	0.014445401	0.240661341
<i>MRPL32</i>	0.224443	0.091768	2.445761	0.014454659	0.240661341
<i>PRDX2</i>	-0.407855	0.166988	-2.442414	0.014589402	0.241349731
<i>NRROS</i>	-0.270755	0.110887	-2.441712	0.014617823	0.241349731
<i>LDHA</i>	-0.298754	0.122397	-2.440864	0.014652169	0.241349731
<i>ENSG00000166685</i>	-0.377964	0.154861	-2.440669	0.014660091	0.241349731
<i>EXOSC3</i>	0.242486	0.099353	2.440661	0.014660421	0.241349731
<i>NDUFA8</i>	0.211023	0.086482	2.440069	0.01468446	0.241349731

<i>TAOK3</i>	0.154402	0.063287	2.439727	0.014698356	0.241349731
<i>ENSG00000278869</i>	-1.372303	0.562529	-2.439522	0.014706694	NA
<i>RAB14</i>	0.201863	0.082758	2.439191	0.014720187	0.241349731
<i>TMEM99</i>	0.505968	0.207435	2.439163	0.014721332	0.241349731
<i>TMEM44</i>	1.176217	0.482455	2.437981	0.014769565	NA
<i>TPP1</i>	0.220439	0.090531	2.434945	0.014894063	0.24291553
<i>ACTN1</i>	2.025524	0.832182	2.433992	0.014933329	NA
<i>ATP6V0E2</i>	-0.546584	0.224584	-2.433756	0.014943063	0.24291553
<i>CLPTM1</i>	-0.225675	0.092732	-2.433631	0.014948227	0.24291553
<i>CTSH</i>	-0.183722	0.075496	-2.433539	0.014952041	0.24291553
<i>RAB10</i>	0.251984	0.103577	2.432818	0.014981819	0.24291553
<i>HLA.DMB</i>	-0.257051	0.105663	-2.43275	0.014984655	0.24291553
<i>HMGN2</i>	-0.173934	0.071503	-2.432543	0.01499323	0.24291553
<i>POR</i>	-0.32243	0.13264	-2.430865	0.015062806	0.243633305
<i>ENSG00000228172</i>	-1.550922	0.63839	-2.429427	0.015122704	NA
<i>GPSM2</i>	-0.444644	0.183043	-2.429179	0.015133065	0.244255482
<i>RRP1B</i>	0.375036	0.154458	2.428079	0.01517904	0.244255482
<i>NRDE2</i>	-0.27923	0.115026	-2.427534	0.015201861	0.244255482
<i>RNF38</i>	0.365068	0.150388	2.427516	0.015202623	0.244255482
<i>SERTAD1</i>	0.408418	0.168326	2.426347	0.015251677	0.244568455
<i>PPIL4</i>	0.257809	0.106308	2.425116	0.015303487	0.244568455
<i>LSR</i>	0.68907	0.28417	2.424855	0.015314523	0.244568455
<i>SLTM</i>	0.181095	0.07469	2.42464	0.015323584	0.244568455
<i>ZNF547</i>	0.822169	0.339424	2.422247	0.015424852	NA
<i>ASB16.AS1</i>	0.399857	0.165083	2.422155	0.015428773	0.245659567
<i>ENSG00000235078</i>	0.473279	0.195461	2.421352	0.015462902	0.245659567
<i>USF1</i>	-0.573339	0.236797	-2.421223	0.015468398	0.245659567
<i>TNRC6C</i>	0.344169	0.142303	2.418568	0.015581723	0.247052322
<i>LANCL2</i>	-0.713504	0.295266	-2.41648	0.015671393	NA
<i>CDC42SE2</i>	0.206113	0.085305	2.416191	0.01568382	0.247573742
<i>PSMA5</i>	0.177786	0.073596	2.415692	0.015705323	0.247573742
<i>PFDN2</i>	0.166644	0.068991	2.415455	0.015715551	0.247573742
<i>XKR8</i>	0.43758	0.181187	2.415074	0.015732015	0.247573742
<i>SRSF6</i>	-0.285443	0.118205	-2.414819	0.015743019	0.247573742
<i>GPR183</i>	0.393364	0.163176	2.410671	0.01592319	0.249867998
<i>C8orf37</i>	0.674546	0.279863	2.410273	0.015940592	NA
<i>TMC8</i>	-0.345587	0.143396	-2.410021	0.015951589	0.249867998
<i>KIF1BP</i>	0.477009	0.197956	2.409677	0.015966669	0.249867998
<i>WDR92</i>	0.416019	0.172823	2.407196	0.016075547	0.251164146
<i>ATP13A3</i>	0.399144	0.165858	2.406533	0.016104758	0.25121338
<i>LIMD1</i>	-0.74012	0.307796	-2.404576	0.016191239	0.251656337
<i>ZNF608</i>	-0.591373	0.245988	-2.40407	0.016213661	0.251656337
<i>APAF1</i>	0.454102	0.188889	2.404065	0.016213899	0.251656337
<i>YARS</i>	-0.387903	0.161426	-2.402979	0.016262105	0.251656337
<i>PFKP</i>	-0.559377	0.232788	-2.402944	0.016263682	0.251656337
<i>ENSG00000228242</i>	1.294571	0.538786	2.402755	0.016272081	NA
<i>TNFRSF14</i>	0.173708	0.072338	2.401326	0.016335784	0.252080189

<i>MBP</i>	-0.230101	0.09585	-2.400647	0.016366127	0.252080189
<i>ZC3H6</i>	0.487046	0.202887	2.400571	0.016369523	0.252080189
<i>MAP3K4</i>	0.333038	0.138771	2.399902	0.016399481	0.252138751
<i>HIP1R</i>	-0.334217	0.139311	-2.39907	0.016436772	0.252309685
<i>ENSG00000276449</i>	0.928079	0.387069	2.397711	0.016497887	NA
<i>MICAL1</i>	-0.346141	0.144457	-2.396148	0.016568421	0.253650009
<i>NEIL1</i>	-0.629627	0.262899	-2.394942	0.016622975	0.253650009
<i>GATD1</i>	0.276208	0.115338	2.394774	0.016630615	0.253650009
<i>BAG1</i>	-0.194403	0.081196	-2.394241	0.016654806	0.253650009
<i>JARID2</i>	-0.291537	0.121782	-2.393921	0.016669355	0.253650009
<i>POLR2J</i>	-0.178853	0.074751	-2.392657	0.016726877	0.253650009
<i>BIN1</i>	0.359564	0.150354	2.391451	0.016781943	0.253650009
<i>C4orf36</i>	0.593021	0.248005	2.39117	0.016794784	0.253650009
<i>ZFP37</i>	1.171485	0.490119	2.390204	0.016839027	NA
<i>ZNF138</i>	0.335426	0.140363	2.389704	0.016861978	0.253650009
<i>PCYT1A</i>	0.364373	0.152478	2.389675	0.016863285	0.253650009
<i>HSPBAP1</i>	-1.060638	0.443857	-2.389597	0.016866881	0.253650009
<i>DIPK1A</i>	-0.447733	0.18746	-2.388418	0.01692109	0.253650009
<i>ASCC2</i>	-0.25646	0.107406	-2.387765	0.016951169	0.253650009
<i>LLGL1</i>	-0.676866	0.283549	-2.387123	0.016980787	0.253650009
<i>ZNF594</i>	0.609196	0.255225	2.3869	0.0169911	0.253650009
<i>ENSG00000188206</i>	0.302909	0.126907	2.386862	0.016992878	0.253650009
<i>MED25</i>	-0.385915	0.161701	-2.386599	0.017005033	0.253650009
<i>BCS1L</i>	0.394452	0.165295	2.386355	0.017016328	0.253650009
<i>ZBTB43</i>	-0.317587	0.133094	-2.386189	0.01702402	0.253650009
<i>TUNAR</i>	-1.520323	0.637413	-2.385145	0.017072391	NA
<i>RASSF1</i>	0.220894	0.09262	2.38496	0.017080979	0.253716467
<i>SDAD1</i>	-0.261782	0.109764	-2.384957	0.017081119	0.253716467
<i>ADD2</i>	0.841739	0.353134	2.383626	0.017143034	NA
<i>RPRD1A</i>	-0.243313	0.102119	-2.38265	0.017188513	0.254550782
<i>GPN3</i>	0.36739	0.154262	2.381598	0.017237691	0.254550782
<i>ENSG00000272758</i>	0.613999	0.257818	2.381524	0.017241187	0.254550782
<i>ENSG00000261669</i>	0.768193	0.32262	2.381107	0.017260701	0.254550782
<i>PSMA4</i>	-0.130101	0.054643	-2.380923	0.017269317	0.254550782
<i>ZBTB20.AS2</i>	-1.076662	0.452221	-2.380829	0.017273713	NA
<i>RNF43</i>	-0.662986	0.278576	-2.379915	0.017316623	0.254587651
<i>LTBP4</i>	0.380352	0.159829	2.379745	0.017324637	0.254587651
<i>TMA16</i>	0.283821	0.119366	2.377739	0.017419133	0.254922136
<i>RBM28</i>	0.272153	0.114482	2.377252	0.017442177	0.254922136
<i>RPL24</i>	0.203397	0.085567	2.377042	0.01745209	0.254922136
<i>ATG101</i>	0.26315	0.110706	2.377019	0.017453175	0.254922136
<i>UBE2J2</i>	-0.181608	0.076421	-2.376398	0.017482584	0.254965375
<i>SNRPG</i>	0.160576	0.06763	2.374335	0.017580576	0.255669147
<i>ZBTB20</i>	0.248874	0.104821	2.374266	0.017583884	0.255669147
<i>TSFM</i>	0.339043	0.142973	2.371383	0.017721649	0.25728418
<i>PLTP</i>	-1.234125	0.52096	-2.368943	0.017839006	NA
<i>TOX4</i>	-0.209834	0.088633	-2.367449	0.017911167	0.259644587



ZDHC16	0.297357	0.125658	2.366398	0.01796212	0.259733531
BDP1	0.145741	0.061592	2.366211	0.017971189	0.259733531
RGMB	0.810702	0.342719	2.365503	0.018005583	NA
TCL1B	-1.242108	0.525821	-2.362224	0.018165646	0.261976473
HNRNPH3	0.180874	0.076593	2.361504	0.018200989	0.261976473
ECE1	-0.389026	0.164754	-2.361249	0.018213511	0.261976473
PSMC3	-0.207839	0.088045	-2.360592	0.018245773	0.261976473
AGMAT	0.576338	0.244185	2.360257	0.01826226	0.261976473
OTUD6B.AS1	0.215057	0.091145	2.359495	0.018299804	0.262124025
BCLAF1	-0.162901	0.069057	-2.358946	0.018326929	0.262124025
YY1	0.152605	0.064759	2.356512	0.018447479	0.262741848
OTUD1	0.504246	0.213987	2.356436	0.018451268	0.262741848
UBALD2	-0.249223	0.105763	-2.356423	0.018451891	0.262741848
BEND4	0.516975	0.219631	2.353837	0.018580775	0.264186824
NPHP4	-1.115287	0.474093	-2.352464	0.018649495	NA
PGPEP1	0.430555	0.183035	2.352301	0.018657646	0.264889119
PRDX6	-0.174361	0.074186	-2.350337	0.018756438	0.265900088
DTNBP1	-0.200815	0.085589	-2.346281	0.018961814	0.268378487
ENSG00000239636	-0.59951	0.255569	-2.345787	0.018986943	0.268378487
ENSG00000277007	0.900116	0.383833	2.34507	0.019023521	NA
DDX23	0.30078	0.128267	2.344958	0.019029209	0.268582097
ENSG00000276075	-1.077995	0.460021	-2.343359	0.019110978	NA
WAC	0.155672	0.066475	2.341806	0.019190696	0.270076051
BOLA2B	-0.360762	0.154053	-2.341798	0.019191089	0.270076051
LINC01250	-2.012553	0.859833	-2.340633	0.01925107	NA
UBE2L3	-0.146382	0.062579	-2.339145	0.019327932	0.270989764
RAE1	-0.336519	0.143893	-2.338676	0.01935221	0.270989764
DPYD	-0.410374	0.175505	-2.338239	0.019374846	0.270989764
OGT	0.272605	0.116593	2.338098	0.019382155	0.270989764
GNG3	-1.343126	0.574478	-2.337994	0.019387557	NA
RBM18	0.289409	0.123794	2.33782	0.01939657	0.270989764
ZSCAN29	0.457447	0.195803	2.336269	0.019477218	0.27165467
CDC37	-0.166878	0.071443	-2.335822	0.019500522	0.27165467
ENSG00000267169	-0.639668	0.273919	-2.335243	0.019530744	NA
ZBTB16	1.469758	0.629481	2.33487	0.019550198	NA
LPP.AS2	-0.849675	0.36395	-2.334594	0.019564615	0.272154239
ARID1A	0.238832	0.102327	2.334014	0.019594986	0.272183953
AKAP12	-1.735568	0.743802	-2.333373	0.019628559	NA
HSPA8	0.300879	0.128959	2.333129	0.019641355	0.272435492
KPNA6	0.219499	0.094122	2.332081	0.019696417	0.272758104
ING1	0.299385	0.128437	2.330985	0.019754125	0.272758104
ENSG00000272106	-0.391122	0.167819	-2.330615	0.019773689	0.272758104
SDF2L1	0.24965	0.107143	2.330073	0.019802318	0.272758104
LPIN1	0.50362	0.216146	2.330001	0.019806086	0.272758104
DDI2	0.334699	0.143827	2.327091	0.019960419	0.274491361
PSMB10	-0.211002	0.090702	-2.326322	0.020001393	0.274663006
JUP	-1.006515	0.433331	-2.32274	0.020193105	0.276478586

ARHGAP30	0.182219	0.078475	2.322007	0.020232537	0.276478586
ZNF2	0.592888	0.255348	2.321885	0.020239133	0.276478586
ENSG00000224086	-0.387217	0.166787	-2.321634	0.020252658	0.276478586
SLC25A38	0.231989	0.099959	2.320838	0.020295595	0.276478586
GRAMD1C	-0.33736	0.145373	-2.320651	0.020305689	0.276478586
DLGAP3	-0.789879	0.340678	-2.318547	0.020419634	NA
SP2	-0.302041	0.130292	-2.318183	0.020439358	0.277557786
ENSG00000229539	0.361154	0.155819	2.317786	0.020460963	0.277557786
ZNF284	0.501504	0.21639	2.317595	0.020471326	0.277557786
UBE2E3	-0.214999	0.09281	-2.316562	0.020527594	0.277929781
OAS2	0.392717	0.169574	2.315905	0.020563471	0.278025045
NAA60	-0.259469	0.112146	-2.313664	0.020686177	0.278806703
SFXN3	0.549334	0.237445	2.31352	0.020694089	0.278806703
CCDC88B	0.320902	0.138722	2.313265	0.02070805	0.278806703
ZNF395	0.264439	0.114474	2.310035	0.020886235	0.280792593
ARPC3	-0.132395	0.057325	-2.309537	0.020913805	0.280792593
TYW3	0.301001	0.130384	2.308579	0.020966935	0.281114406
ZNF420	0.348108	0.150861	2.307471	0.021028591	0.281147259
PSAP	-0.153908	0.066713	-2.307023	0.021053565	0.281147259
APIP	0.237781	0.103071	2.306963	0.02105688	0.281147259
ATP6VOA2	-0.35007	0.151809	-2.305993	0.021110997	0.281479954
CTBP1.AS	-1.276876	0.554036	-2.30468	0.021184476	NA
CIPC	0.385058	0.167084	2.304574	0.021190455	0.282052038
ZC3H12D	-0.351046	0.15238	-2.303756	0.021236317	0.282052038
UBLCP1	-0.316544	0.137409	-2.303661	0.021241678	0.282052038
CNR1	0.711396	0.309004	2.302224	0.021322528	0.282531849
ZNF184	0.440309	0.191288	2.301813	0.021345735	0.282531849
GINM1	0.303166	0.131728	2.301458	0.021365738	0.282531849
PJA1	0.365318	0.158791	2.300625	0.021412836	0.28276676
CEMIP2	0.543599	0.23637	2.299783	0.021460501	0.283008528
AP1S3	-0.509132	0.221461	-2.298968	0.021506738	0.28323081
NPHP3	0.343873	0.1497	2.297072	0.02161469	0.283966938
PPP4R2	0.237276	0.103301	2.296951	0.021621549	0.283966938
POLR2B	-0.23662	0.103068	-2.295762	0.021689499	0.284471791
ENSG00000277654	-0.464981	0.202597	-2.2951	0.021727413	0.284581871
DNAJA2	-0.204152	0.088976	-2.294452	0.021764561	0.284681644
AGO2	-0.242292	0.105656	-2.293211	0.021835865	0.284872375
HINT1	0.233137	0.101668	2.293119	0.021841178	0.284872375
MSL2	0.282448	0.12328	2.291119	0.021956546	0.284872375
FRG1	-0.210053	0.091707	-2.290486	0.021993131	0.284872375
HLA.E	-0.260839	0.11388	-2.290466	0.021994343	0.284872375
SETDB1	-0.360352	0.157335	-2.290355	0.022000719	0.284872375
ELP6	-0.320438	0.139967	-2.289387	0.022056886	0.284872375
FAM214B	0.5619	0.24553	2.288522	0.022107138	0.284872375
CDC42	-0.159678	0.069774	-2.288494	0.022108772	0.284872375
TAOK1	0.274947	0.120144	2.28848	0.022109562	0.284872375
NUDCD2	0.232226	0.101487	2.288239	0.022123615	0.284872375

<i>CNIH4</i>	0.218412	0.095457	2.288065	0.022133756	0.284872375
<i>HIST1H2BN</i>	0.652152	0.285194	2.286699	0.02221338	0.285515979
<i>PRPF18</i>	-0.28806	0.126005	-2.286094	0.022248737	0.285589644
<i>RNASEL</i>	0.534892	0.23403	2.28557	0.022279407	0.285603038
<i>ENSG00000267213</i>	-1.820087	0.796399	-2.285396	0.022289628	NA
<i>NOTCH2</i>	0.281947	0.123438	2.284117	0.022364656	0.286315116
<i>TMUB1</i>	-0.227589	0.099677	-2.283261	0.022415009	0.286579165
<i>PCBD1</i>	0.413756	0.181327	2.281825	0.022499647	0.28728026
<i>ABI1</i>	0.192018	0.084217	2.280047	0.022604891	0.288242262
<i>TSPO</i>	0.19151	0.084036	2.278891	0.022673533	0.288546732
<i>CISD1</i>	0.255499	0.112128	2.278637	0.022688633	0.288546732
<i>FAM89A</i>	1.187535	0.521219	2.27838	0.022703957	NA
<i>PAK1IP1</i>	0.341597	0.150008	2.277195	0.022774584	0.289258221
<i>DGAT2</i>	0.681154	0.299129	2.277123	0.022778854	NA
<i>ARHGAP20</i>	1.291142	0.567362	2.275694	0.022864352	NA
<i>NCBP2AS2</i>	-0.241269	0.106165	-2.272594	0.023050653	0.291859637
<i>MRNIP</i>	0.23175	0.101994	2.272191	0.023074987	0.291859637
<i>THEMIS2</i>	0.708246	0.311718	2.272069	0.023082319	0.291859637
<i>KLF6</i>	0.304123	0.133871	2.271768	0.023100509	0.291859637
<i>HIPK1</i>	0.355692	0.156641	2.270745	0.023162403	0.292258596
<i>BATF2</i>	1.14306	0.503455	2.27043	0.023181527	NA
<i>ZNF613</i>	0.725898	0.31975	2.270203	0.023195269	NA
<i>TTC21A</i>	0.312017	0.137544	2.268493	0.023299188	0.29360023
<i>ATP6V1C1</i>	0.268665	0.118523	2.26677	0.023404261	0.294539269
<i>STT3B</i>	-0.329412	0.145408	-2.265426	0.02348653	0.294654164
<i>NUP107</i>	-0.229407	0.101297	-2.26469	0.023531687	0.294654164
<i>JRKL</i>	0.402949	0.177928	2.264678	0.02353247	0.294654164
<i>KLHL21</i>	0.50577	0.223375	2.264216	0.023560819	0.294654164
<i>NAALADL1</i>	0.442018	0.195227	2.264128	0.02356622	0.294654164
<i>HIST1H2BH</i>	0.830854	0.367453	2.261117	0.023752043	NA
<i>SLC15A2</i>	0.790525	0.349701	2.260577	0.023785441	NA
<i>CBFA2T3</i>	0.571699	0.25323	2.257631	0.023968687	0.297451548
<i>MED30</i>	0.235782	0.104444	2.257493	0.02397727	0.297451548
<i>REL</i>	-0.271584	0.120304	-2.257483	0.023977917	0.297451548
<i>VPS11</i>	-0.364878	0.161681	-2.256779	0.024021884	0.297451548
<i>SUB1</i>	0.13462	0.059662	2.256385	0.024046516	0.297451548
<i>MIATNB</i>	0.490883	0.217558	2.25633	0.024049979	0.297451548
<i>TSNAX</i>	-0.261451	0.115891	-2.256009	0.024070052	0.297451548
<i>CYC1</i>	-0.170618	0.075671	-2.254741	0.024149567	0.297451548
<i>IGKV3.20</i>	-0.82903	0.367708	-2.254585	0.024159371	NA
<i>UGDH</i>	0.280876	0.124592	2.254367	0.02417307	0.297451548
<i>LINC02362</i>	-1.4649	0.649837	-2.254258	0.024179917	NA
<i>TNFRSF10D</i>	0.591574	0.262528	2.253374	0.024235552	0.297451548
<i>COMMD6</i>	0.126199	0.056005	2.253337	0.024237938	0.297451548
<i>FLYWCH1</i>	0.353324	0.156803	2.253293	0.02424066	0.297451548
<i>GIT2</i>	0.194001	0.0861	2.253199	0.024246621	0.297451548
<i>PRMT1</i>	-0.189263	0.084026	-2.252442	0.024294377	0.297451548

TSC22D1	-0.424737	0.188574	-2.252369	0.02429899	0.297451548
ELOC	0.192633	0.085529	2.252252	0.024306336	0.297451548
MAP3K8	-0.452597	0.201016	-2.251546	0.024351004	0.297451548
PYROXD1	-0.363854	0.161652	-2.25084	0.024395684	0.297451548
ATP1A1	-0.197422	0.087711	-2.250834	0.024396055	0.297451548
ENSG00000267390	0.462101	0.205318	2.25066	0.024407072	0.297451548
HIRA	-0.451131	0.200504	-2.249979	0.024450296	0.297602093
ENSG00000232611	0.643721	0.286158	2.249528	0.024478895	NA
PCGF1	-0.428319	0.190459	-2.24888	0.024520163	0.298076125
TAT.AS1	0.951655	0.423227	2.248568	0.024540007	NA
ENSG00000258308	-1.509776	0.671605	-2.24801	0.024575521	NA
EYA3	0.559103	0.24876	2.247559	0.024604345	0.298165384
THAP2	0.331562	0.147537	2.247324	0.024619328	0.298165384
IKZF5	0.333449	0.148412	2.246781	0.024653995	0.298165384
TRA2B	-0.155683	0.069307	-2.246262	0.024687246	0.298165384
CD82	-0.216672	0.096469	-2.24602	0.024702756	0.298165384
RNH1	-0.230852	0.10279	-2.245858	0.024713085	0.298165384
SSBP4	-0.289651	0.129012	-2.245149	0.024758573	0.2983408
NEDD8	0.119982	0.05347	2.243918	0.024837679	0.298571996
ACTL6A	0.28044	0.124991	2.24367	0.024853623	0.298571996
RYK	0.376165	0.167676	2.243406	0.024870676	0.298571996
THNSL1	0.816568	0.364098	2.242717	0.024915038	NA
CD38	-0.512464	0.228621	-2.241549	0.024990555	0.299027299
IL2RG	-0.249508	0.111313	-2.2415	0.024993683	0.299027299
LACTB2	0.33353	0.148806	2.241377	0.02500166	0.299027299
ZNF709	-1.397995	0.623948	-2.240564	0.02505432	NA
BAZ2B	-0.341969	0.152678	-2.239808	0.025103394	0.299872019
RASGEF1A	-0.834402	0.372668	-2.238992	0.025156447	NA
HHIP.AS1	-1.451788	0.648716	-2.237941	0.025224935	NA
PRRT3	0.550644	0.246075	2.23771	0.025239977	0.301130422
HES6	-0.537488	0.240289	-2.236841	0.025296739	0.301434562
ZBTB4	0.304131	0.136013	2.236045	0.025348799	0.301682
SRSF11	0.15124	0.067701	2.233939	0.025487108	0.30233239
ST3GAL1	0.3436	0.15383	2.23364	0.025506766	0.30233239
SPDL1	0.518211	0.232029	2.233386	0.025523495	0.30233239
PRR4	0.376771	0.168706	2.233304	0.025528897	0.30233239
CENPM	-0.379531	0.170032	-2.232113	0.02560749	0.302626271
POLH	0.40591	0.181861	2.231977	0.025616498	0.302626271
DCXR.DT	-1.107495	0.496595	-2.230175	0.025735846	NA
RCSD1	-0.287432	0.128919	-2.229559	0.025776758	0.30360294
MTHFD2L	-0.341373	0.153131	-2.229294	0.025794335	0.30360294
PDCD4	0.426457	0.191347	2.228714	0.025832921	0.30360294
RAD23A	0.134139	0.060196	2.228386	0.025854817	0.30360294
UBB	-0.208779	0.093692	-2.228358	0.02585664	0.30360294
ENSG00000271971	1.008736	0.452708	2.228226	0.025865456	NA
TBC1D12	1.86663	0.837923	2.227688	0.025901352	NA
HMOX1	0.773206	0.347168	2.227183	0.025935055	0.303929723

FZR1	-0.307976	0.138315	-2.226627	0.025972226	0.303929723
PSMC1	-0.162944	0.073183	-2.226525	0.025979055	0.303929723
ENSG00000264443	0.55707	0.250298	2.225628	0.026039126	0.304052359
SLC16A1.AS1	0.323992	0.145591	2.225362	0.026056928	0.304052359
ENSG00000279927	-1.17333	0.527316	-2.2251	0.026074504	NA
QTRT1	-0.330967	0.148752	-2.224956	0.02608416	0.304052359
ZNF146	0.257077	0.115677	2.222358	0.026259113	0.305722036
FGL2	-1.169023	0.526216	-2.221564	0.026312777	NA
NUP43	0.386396	0.173931	2.221554	0.026313463	0.305985267
VSIR	-0.65088	0.293198	-2.219932	0.02642335	0.306892888
ZNF322	0.314464	0.141729	2.218777	0.026501868	0.306992141
CDK5R1	1.98572	0.895079	2.218486	0.026521736	NA
CEP85L	0.354008	0.159591	2.218223	0.026539625	0.306992141
UBA6	0.27765	0.125176	2.218071	0.026550012	0.306992141
EPB41L2	-0.423495	0.190945	-2.217894	0.026562064	0.306992141
FCGRT	-0.291407	0.131419	-2.217387	0.02659667	0.306992141
DR1	0.200082	0.090249	2.217002	0.02662297	0.306992141
RIPK2	0.267373	0.120661	2.215909	0.026697751	0.307279515
ENSG00000261087	0.643231	0.290305	2.215706	0.026711642	0.307279515
ENSG00000274213	-0.783953	0.354057	-2.214202	0.026814854	NA
ZHX2	-0.279018	0.126014	-2.214187	0.026815924	0.308010351
DYNC1L12	0.244152	0.110284	2.21385	0.026839076	0.308010351
PELI3	-0.708255	0.320038	-2.213031	0.026895536	NA
CHD1	0.194021	0.087686	2.212681	0.026919675	0.308432203
MRPL18	0.201664	0.091161	2.212181	0.026954134	0.308432203
EP300	0.207195	0.093674	2.211869	0.026975696	0.308432203
TMEM140	0.408961	0.184955	2.211138	0.027026285	0.308432203
PHF13	0.495761	0.224225	2.211	0.02703581	0.308432203
GTF2IRD2B	-0.433868	0.196447	-2.208572	0.027204417	0.309988868
CFAP73	-1.35794	0.61562	-2.205808	0.027397455	NA
RPL36	0.12709	0.057622	2.205589	0.027412797	0.311693955
CLMN	0.486069	0.220389	2.205504	0.027418721	0.311693955
WDR11	-0.220339	0.099999	-2.203412	0.027565724	0.312995972
AVP	-2.254481	1.023476	-2.202769	0.027611059	NA
KARS	-0.192369	0.087337	-2.202609	0.027622348	0.313089243
ENSG00000125726	-0.921826	0.41856	-2.202374	0.027638895	0.313089243
FBXL8	-0.822997	0.374051	-2.200226	0.027790871	NA
ZXDA	-0.710118	0.322774	-2.200046	0.027803609	NA
TWISTNB	-0.328444	0.149301	-2.199883	0.027815221	0.313917916
HMGB3	-0.51531	0.234346	-2.198929	0.027882968	0.313917916
SPHK1	0.716971	0.326061	2.198887	0.027885941	0.313917916
RBX1	0.168303	0.076554	2.198503	0.027913296	0.313917916
HDHD3	0.239255	0.108846	2.198098	0.027942145	0.313917916
MAVS	0.230229	0.10474	2.198098	0.02794213	0.313917916
MYO1F	0.374427	0.170359	2.197878	0.027957799	0.313917916
DLGAP1.AS2	0.671586	0.30559	2.197671	0.027972561	0.313917916
C1GALT1	0.259914	0.118321	2.196696	0.028042178	0.31411531

<i>CD55</i>	-0.265692	0.120961	-2.196512	0.02805532	0.31411531
<i>MINK1</i>	-0.430959	0.196483	-2.193367	0.028280921	0.316273868
<i>CBLN3</i>	-0.451568	0.20615	-2.190483	0.028489202	0.318233959
<i>MEGF11</i>	-0.888699	0.405771	-2.190146	0.028513638	NA
<i>MED6</i>	-0.208103	0.095027	-2.18993	0.028529331	0.318313373
<i>C8orf82</i>	-0.709761	0.324131	-2.189734	0.02854355	NA
<i>PPP2R5A</i>	0.396011	0.180896	2.189162	0.028585067	0.318566531
<i>SUGCT</i>	-2.539144	1.160063	-2.188799	0.028611477	NA
<i>TNFRSF21</i>	-2.074996	0.948378	-2.187941	0.028673934	NA
<i>WASF1</i>	-0.432681	0.197836	-2.187068	0.028737524	0.319895764
<i>DIRAS1</i>	-0.545263	0.249381	-2.186463	0.028781761	0.320018658
<i>MGST3</i>	0.351708	0.160893	2.185976	0.028817394	0.320045709
<i>DUSP22</i>	-0.187738	0.085928	-2.184838	0.028900762	0.320236933
<i>SRPRA</i>	-0.274886	0.125815	-2.184834	0.028901051	0.320236933
<i>CYTH3</i>	-0.634104	0.290363	-2.183833	0.028974494	0.320682115
<i>TTC9</i>	0.34512	0.158134	2.182453	0.029076103	0.321102803
<i>P4HB</i>	-0.16099	0.073767	-2.182412	0.029079123	0.321102803
<i>PCED1B</i>	0.531251	0.243586	2.180963	0.029186142	0.321222433
<i>JAK3</i>	-0.310337	0.1423	-2.180868	0.0291932	0.321222433
<i>ASPCR1</i>	-0.314458	0.144194	-2.1808	0.029198206	0.321222433
<i>NDUFC1</i>	0.190264	0.087258	2.180462	0.029223244	0.321222433
<i>ZNF362</i>	-0.584645	0.268197	-2.179907	0.029264386	0.321308292
<i>IFI27L2</i>	0.235215	0.107977	2.178392	0.029376845	0.322081135
<i>HINFP</i>	0.265841	0.122054	2.17806	0.029401597	0.322081135
<i>HSPD1</i>	0.219025	0.10068	2.175448	0.029596526	0.323536399
<i>PHF12</i>	0.28942	0.133055	2.175191	0.029615818	0.323536399
<i>ZNF614</i>	0.494253	0.22725	2.174933	0.029635129	0.323536399
<i>RHOBTB1</i>	-1.194767	0.549635	-2.173745	0.029724322	NA
<i>NDUFB3</i>	0.168528	0.077612	2.17142	0.029899459	0.326052921
<i>MCM6</i>	0.604955	0.278714	2.170522	0.029967317	0.326179362
<i>RUVBL2</i>	-0.281551	0.129748	-2.169989	0.030007679	0.326179362
<i>CTDP1</i>	-0.645131	0.297306	-2.169925	0.030012562	0.326179362
<i>ENSG00000261386</i>	0.491195	0.226496	2.168673	0.030107496	0.326842631
<i>MDM2</i>	-0.253873	0.117131	-2.167434	0.030201805	0.327497638
<i>KLHDC2</i>	-0.202737	0.093572	-2.166656	0.030261119	0.327772116
<i>APH1A</i>	-0.123338	0.056942	-2.166041	0.030308019	0.327911672
<i>SNHG25</i>	-0.327898	0.151433	-2.165305	0.030364299	0.328022832
<i>CASP10</i>	0.495096	0.228686	2.164966	0.030390327	0.328022832
<i>FBXO44</i>	-0.301516	0.139297	-2.16455	0.030422141	0.328022832
<i>ZNF43</i>	-0.290612	0.134324	-2.163521	0.03050115	0.328022832
<i>UQCRH</i>	0.142912	0.06606	2.163371	0.030512623	0.328022832
<i>LENG8</i>	-0.232076	0.107282	-2.163243	0.030522457	0.328022832
<i>JHY</i>	-0.639168	0.295508	-2.162944	0.030545483	NA
<i>RMDN2</i>	-0.496016	0.229383	-2.162396	0.030587646	0.328165501
<i>WDR81</i>	-0.416668	0.192707	-2.162186	0.030603816	0.328165501
<i>TSTD1</i>	-0.233083	0.107843	-2.161306	0.030671698	0.328500971
<i>ENSG00000268352</i>	1.133751	0.524806	2.160325	0.030747489	NA

<i>WNT10A</i>	-0.564208	0.261191	-2.160139	0.030761908	0.328500971
<i>SEMA4F</i>	0.688794	0.318923	2.159748	0.030792158	0.328500971
<i>MIR22HG</i>	0.440212	0.203829	2.159712	0.030794943	0.328500971
<i>PDCD6IP</i>	-0.17373	0.080459	-2.159241	0.03083147	0.328500971
<i>ENSG00000262873</i>	-1.359977	0.629854	-2.159193	0.030835195	NA
<i>PLAGL1</i>	-0.351309	0.162708	-2.159137	0.030839562	0.328500971
<i>SLC38A11</i>	1.453132	0.673026	2.159102	0.030842251	NA
<i>NDUFB5</i>	0.151574	0.070255	2.157489	0.03096756	0.328995326
<i>PTPRA</i>	-0.498999	0.231299	-2.157376	0.030976378	0.328995326
<i>COG3</i>	-0.415359	0.192543	-2.157222	0.030988356	0.328995326
<i>BMPR2</i>	0.311729	0.144741	2.153704	0.031263397	0.331550222
<i>PNPLA4</i>	0.467974	0.217361	2.152976	0.031320598	0.331791826
<i>RBL1</i>	0.421783	0.196139	2.150429	0.031521267	0.33250536
<i>N6AMT1</i>	0.510091	0.2373	2.149556	0.031590336	0.33250536
<i>NUDCD3</i>	-0.2412	0.112228	-2.149203	0.031618341	0.33250536
<i>ENSG00000131408</i>	0.148525	0.069108	2.149173	0.031620649	0.33250536
<i>DUSP11</i>	0.166521	0.077488	2.149009	0.031633695	0.33250536
<i>BABAM2</i>	-0.322384	0.150029	-2.148817	0.031648902	0.33250536
<i>TMEM123</i>	-0.229511	0.106841	-2.14816	0.03170103	0.33250536
<i>GRAMD1A</i>	-0.472477	0.219955	-2.148063	0.031708723	0.33250536
<i>VPS16</i>	-0.322287	0.150055	-2.1478	0.03172965	0.33250536
<i>SCYL2</i>	-0.287665	0.133949	-2.147576	0.031747423	0.33250536
<i>GCSAM</i>	-0.569786	0.265347	-2.147326	0.031767369	0.33250536
<i>ENSG00000260572</i>	-1.731671	0.80655	-2.147011	0.03179242	NA
<i>ZFAND2A</i>	-0.390162	0.181784	-2.146296	0.03184935	0.333001879
<i>C3orf52</i>	-0.719095	0.33516	-2.145525	0.031910913	NA
<i>ACAT1</i>	-0.36852	0.171796	-2.145104	0.031944554	0.333631524
<i>SWAP70</i>	0.181967	0.084846	2.144676	0.031978789	0.333631524
<i>CCL4</i>	-0.87465	0.408022	-2.143635	0.032062137	0.334139457
<i>CHAF1A</i>	0.583891	0.272439	2.143197	0.032097269	0.334144359
<i>KIAA1324L</i>	0.863807	0.403119	2.142809	0.032128464	NA
<i>PEA15</i>	-0.33333	0.155612	-2.142062	0.032188525	0.334478349
<i>IL13RA1</i>	-0.51055	0.238359	-2.141935	0.032198746	0.334478349
<i>ENSG00000274184</i>	0.486035	0.226965	2.141451	0.032237693	0.334511165
<i>BRF2</i>	-0.431648	0.201607	-2.141034	0.032271305	0.334511165
<i>RIF1</i>	0.230304	0.107631	2.139765	0.032373768	0.335133245
<i>APMAP</i>	-0.327311	0.15299	-2.13943	0.032400849	0.335133245
<i>CROCC</i>	-0.620521	0.290353	-2.137126	0.032587737	NA
<i>TOMM20</i>	0.17154	0.080294	2.136408	0.032646168	0.337308745
<i>TLR4</i>	-1.950021	0.912977	-2.135893	0.032688167	NA
<i>NFE2L2</i>	0.202254	0.094742	2.134799	0.032777432	0.338093876
<i>AKIRIN2</i>	0.224006	0.10494	2.134617	0.0327923	0.338093876
<i>IGHG3</i>	1.169622	0.548233	2.133439	0.032888704	0.338725544
<i>ENSG00000268205</i>	0.2713	0.127204	2.132797	0.032941375	0.338905931
<i>IRGQ</i>	0.496552	0.233017	2.13097	0.033091582	0.340088324
<i>RIMKLB</i>	-0.321313	0.15092	-2.12903	0.033251785	0.340730747
<i>NOL10</i>	-0.257202	0.12083	-2.128635	0.033284506	0.340730747

<i>CLN5</i>	-0.275445	0.129401	-2.128615	0.033286093	0.340730747
<i>STRBP</i>	-0.151441	0.071162	-2.128112	0.03332782	0.340730747
<i>AGO1</i>	-0.224371	0.105435	-2.128053	0.033332659	0.340730747
<i>ADGRG5</i>	1.028748	0.483504	2.127691	0.033362678	NA
<i>ZNHIT3</i>	0.180843	0.084996	2.127649	0.033366164	0.340730747
<i>ITPR3</i>	0.469352	0.220695	2.126699	0.033445117	0.341066389
<i>NR1D2</i>	0.316516	0.14885	2.126402	0.033469793	0.341066389
<i>MT.ATP8</i>	-0.431748	0.203106	-2.125728	0.033525947	0.341277851
<i>CCDC82</i>	0.232357	0.109361	2.124671	0.033614068	0.34135726
<i>PCYOX1</i>	0.328305	0.154531	2.124524	0.033626334	0.34135726
<i>ISG15</i>	0.229931	0.108236	2.124354	0.033640547	0.34135726
<i>ITGA6.AS1</i>	-0.495875	0.233503	-2.123634	0.033700764	0.34135726
<i>EML3</i>	-0.272171	0.128189	-2.123198	0.03373728	0.34135726
<i>HMOX2</i>	0.255038	0.120126	2.123091	0.03374621	0.34135726
<i>ENSG00000237499</i>	-0.523609	0.246705	-2.122407	0.033803606	0.341579415
<i>IFT22</i>	-0.244022	0.115025	-2.121464	0.033882738	0.34165741
<i>C12orf49</i>	-0.490729	0.231354	-2.121118	0.03391191	0.34165741
<i>DCXR</i>	-0.247531	0.116712	-2.120883	0.033931666	0.34165741
<i>SRD5A1</i>	-0.32284	0.15227	-2.120187	0.033990239	0.34165741
<i>AGPAT4</i>	-0.753415	0.355384	-2.120002	0.034005842	NA
<i>ADAL</i>	-0.285006	0.134447	-2.119837	0.034019815	0.34165741
<i>ZEB1.AS1</i>	-0.463689	0.21878	-2.119433	0.034053864	0.34165741
<i>COMMD2</i>	-0.171732	0.08103	-2.119368	0.034059416	0.34165741
<i>ANKS6</i>	-1.068145	0.504234	-2.118349	0.034145514	NA
<i>PPIL3</i>	0.36322	0.171525	2.117598	0.034209148	0.342802688
<i>LYAR</i>	0.418968	0.198021	2.115777	0.034363801	0.343994852
<i>ZFAS1</i>	0.246542	0.11655	2.115331	0.034401704	0.344017042
<i>HTR3A</i>	-0.790885	0.374104	-2.114077	0.034508678	NA
<i>SH3RF1</i>	-1.817151	0.860022	-2.112912	0.034608307	NA
<i>ENSG00000251661</i>	-1.520032	0.720442	-2.10986	0.034870382	NA
<i>UTP6</i>	0.232646	0.11027	2.109787	0.034876721	0.348037981
<i>SNX2</i>	-0.20963	0.09937	-2.109595	0.034893258	0.348037981
<i>OTUD6B</i>	-0.399278	0.189287	-2.109376	0.034912109	0.348037981
<i>FGFBP2</i>	-2.663971	1.263113	-2.109052	0.034940057	NA
<i>MED18</i>	0.435071	0.206392	2.107983	0.03503243	0.348876681
<i>ZNF33A</i>	0.182803	0.086747	2.107303	0.035091355	0.349102852
<i>GLMN</i>	-0.323939	0.153794	-2.106321	0.035176519	0.349589326
<i>SPRYD7</i>	0.368192	0.175008	2.103862	0.035390477	0.351353448
<i>CD52</i>	0.245508	0.116819	2.101615	0.035586984	0.352940869
<i>TBCA</i>	0.153523	0.073072	2.100996	0.035641284	0.353116116
<i>AEBP1</i>	-0.441841	0.210384	-2.100163	0.035714506	0.353354196
<i>SVBP</i>	-0.154407	0.073531	-2.099889	0.035738625	0.353354196
<i>CD3D</i>	-2.240022	1.067439	-2.098502	0.035860853	NA
<i>GTF2E2</i>	0.226854	0.108118	2.098203	0.035887191	0.354459552
<i>RHEBL1</i>	0.399921	0.190718	2.096922	0.036000449	0.355023388
<i>CETN3</i>	0.264037	0.125928	2.096725	0.036017933	0.355023388
<i>FOXN2</i>	0.368216	0.175699	2.095717	0.036107271	0.355540438



<i>DNAAF2</i>	0.221248	0.105684	2.093499	0.036304609	0.357118805
<i>ZBTB11.AS1</i>	-0.541334	0.258638	-2.093017	0.036347644	0.357177668
<i>GNMT</i>	-1.446775	0.691298	-2.092838	0.036363628	NA
<i>ABCG1</i>	-0.606045	0.289621	-2.092546	0.036389738	0.357227161
<i>FXYP7</i>	0.551685	0.263748	2.091715	0.036464013	0.357248238
<i>LINC02193</i>	-0.657285	0.314268	-2.091475	0.036485482	0.357248238
<i>VPS52</i>	-0.440399	0.210588	-2.091279	0.036503062	0.357248238
<i>LAMP1</i>	-0.366507	0.175348	-2.090168	0.03660274	0.357860457
<i>IRAK3</i>	0.712035	0.340891	2.088747	0.036730473	NA
<i>CD40</i>	-0.1748	0.083698	-2.088466	0.036755841	0.358212414
<i>GATD3B</i>	-1.252563	0.599814	-2.088254	0.036774911	NA
<i>XRN2</i>	-0.174252	0.083469	-2.087616	0.036832523	0.358212414
<i>PLEKHG1</i>	-0.259257	0.124216	-2.08715	0.036874572	0.358212414
<i>IKBKE</i>	-0.516027	0.247294	-2.0867	0.036915298	0.358212414
<i>SIPA1L3</i>	-0.240402	0.115209	-2.086669	0.036918073	0.358212414
<i>SLC35D1</i>	0.494818	0.237195	2.086121	0.036967638	0.358212414
<i>DNAJC18</i>	-0.395655	0.18967	-2.086022	0.036976639	0.358212414
<i>DEGS2</i>	0.94486	0.452961	2.085963	0.036981996	NA
<i>AVP11</i>	0.753446	0.361215	2.085866	0.036990784	NA
<i>GART</i>	-0.30725	0.14733	-2.085453	0.037028244	0.358212414
<i>PIK3CD.AS2</i>	0.947144	0.454213	2.085243	0.03704727	NA
<i>FAM177B</i>	0.453161	0.217371	2.08473	0.037093774	0.358212414
<i>ARMH3</i>	-0.371897	0.178398	-2.084653	0.037100808	0.358212414
<i>METTL8</i>	0.461096	0.221219	2.084344	0.037128857	0.358212414
<i>BORCS6</i>	0.242596	0.116396	2.084222	0.037139943	0.358212414
<i>RTL8C</i>	-0.312748	0.150065	-2.084081	0.037152811	0.358212414
<i>SEC61A2</i>	-0.402739	0.193252	-2.084013	0.037158964	0.358212414
<i>SMAD5</i>	0.25151	0.12083	2.081522	0.03738613	0.359651966
<i>EXO2</i>	-0.243059	0.116775	-2.081437	0.037393882	0.359651966
<i>LYSMD3</i>	0.333254	0.160145	2.080952	0.037438271	0.359651966
<i>LDLRAP1</i>	0.360362	0.173189	2.080742	0.037457528	0.359651966
<i>DOK7</i>	1.245203	0.598643	2.080041	0.037521788	NA
<i>FAIM</i>	0.346979	0.166828	2.079861	0.037538319	0.360010554
<i>ORMDL3</i>	-0.3354	0.161359	-2.078599	0.037654234	0.360010554
<i>MAP3K5</i>	0.489627	0.235604	2.078181	0.037692693	0.360010554
<i>ZFAND6</i>	0.253796	0.122136	2.077986	0.03771064	0.360010554
<i>IRF2BP2</i>	-0.269366	0.129639	-2.077817	0.037726179	0.360010554
<i>COL19A1</i>	-0.341599	0.16442	-2.077597	0.03774651	0.360010554
<i>TBC1D20</i>	0.240144	0.115609	2.077212	0.037781985	0.360010554
<i>DYNLT3</i>	0.218709	0.105315	2.076712	0.037828174	0.360010554
<i>PEX6</i>	0.593562	0.285877	2.076283	0.03786779	0.360010554
<i>ZNF100</i>	-0.424713	0.204555	-2.076277	0.03786833	0.360010554
<i>WIPF2</i>	0.227145	0.109456	2.07521	0.037967092	0.360292921
<i>NUP50</i>	0.22539	0.108614	2.075148	0.037972781	0.360292921
<i>TNRC6B</i>	0.126742	0.061135	2.073168	0.038156681	0.361302189
<i>RGS14</i>	0.317448	0.153147	2.072823	0.038188714	0.361302189
<i>EMC1</i>	0.374244	0.180564	2.07264	0.038205824	0.361302189

<i>LPCAT4</i>	0.26755	0.129102	2.07239	0.03822907	0.361302189
<i>CGAS</i>	0.255697	0.123428	2.071625	0.038300421	0.361621999
<i>ZKSCAN3</i>	0.668229	0.322599	2.071392	0.03832219	NA
<i>PHOSPHO2</i>	0.40115	0.193859	2.069292	0.038518716	0.363327221
<i>ENSG00000258017</i>	0.776977	0.375602	2.068618	0.03858198	NA
<i>STRIP1</i>	-0.316818	0.153232	-2.067578	0.038679683	0.364360472
<i>PIP4K2A</i>	0.372118	0.180022	2.067066	0.038727923	0.364360472
<i>LINC00663</i>	0.66765	0.323035	2.066801	0.038752876	NA
<i>BMT2</i>	-0.404984	0.195966	-2.066604	0.038771443	0.364360472
<i>UBE2E1</i>	0.211873	0.102527	2.06652	0.038779444	0.364360472
<i>ENSG0000080031</i>	-1.663115	0.805292	-2.065232	0.038901086	NA
<i>ATG16L2</i>	-0.219452	0.10626	-2.065228	0.038901413	0.365150558
<i>TMED4</i>	-0.203024	0.098333	-2.064656	0.038955546	0.365302981
<i>ZNF79</i>	0.76227	0.36948	2.063088	0.039104261	NA
<i>NFIX</i>	0.439114	0.212898	2.062556	0.039154826	0.366814894
<i>HIST1H2BJ</i>	0.498825	0.241957	2.061628	0.039243172	0.36728561
<i>HIST1H3H</i>	1.261566	0.6121	2.061046	0.039298658	NA
<i>PPL</i>	1.098883	0.533565	2.059513	0.039445164	NA
<i>DGCR6</i>	-0.997567	0.484372	-2.059506	0.039445775	NA
<i>SYNGAP1.AS1</i>	0.675878	0.328217	2.059242	0.039471051	NA
<i>ZNF627</i>	-0.497227	0.241558	-2.058417	0.039550093	0.369434699
<i>BCAT1</i>	-1.482462	0.720279	-2.058178	0.03957308	NA
<i>MRPS18B</i>	0.145754	0.070831	2.057783	0.039610934	0.369434699
<i>ABHD6</i>	0.46755	0.227253	2.057397	0.039648092	0.369434699
<i>CARD11</i>	0.365937	0.177865	2.057381	0.039649632	0.369434699
<i>PITPNA</i>	0.332484	0.161618	2.057227	0.03966441	0.369434699
<i>CAPN12</i>	0.400382	0.194839	2.054935	0.039885236	0.371132893
<i>ITGA10</i>	0.549348	0.267499	2.053647	0.040009909	0.371605004
<i>GGCT</i>	0.24197	0.117839	2.053399	0.040033856	0.371605004
<i>ARID5B</i>	-0.195328	0.095133	-2.053216	0.040051618	0.371605004
<i>CALHM2</i>	0.618803	0.301454	2.052729	0.040098858	0.37168557
<i>PNO1</i>	-0.33366	0.162622	-2.05175	0.040193924	0.37211293
<i>LSM10</i>	0.14234	0.069385	2.05146	0.040222165	0.37211293
<i>R3HDM2</i>	-0.327076	0.159471	-2.050999	0.040267061	0.372171115
<i>DGLUCY</i>	0.247904	0.120963	2.049412	0.040421816	0.373243592
<i>AIDA</i>	0.216109	0.105555	2.047354	0.040623352	0.374422661
<i>GMNN</i>	0.481236	0.235087	2.047059	0.040652316	0.374422661
<i>TRIB3</i>	0.409721	0.200165	2.046919	0.04066603	0.374422661
<i>KLF12</i>	0.294009	0.143787	2.044753	0.040879179	0.376026033
<i>ZKSCAN2</i>	-0.60906	0.29805	-2.043483	0.041004684	NA
<i>ZNRD2</i>	-0.206959	0.101301	-2.04301	0.041051476	0.377250934
<i>IGHV3.15</i>	-1.016542	0.498042	-2.041075	0.041243408	NA
<i>MXD1</i>	0.425268	0.208379	2.040839	0.041266851	0.378516777
<i>ARL2</i>	0.328917	0.161168	2.04083	0.041267752	0.378516777
<i>AMIGO2</i>	0.920519	0.451139	2.040434	0.041307098	NA
<i>ATP5PD</i>	-0.127802	0.062642	-2.040192	0.041331187	0.378738257
<i>CFP</i>	-1.647387	0.807652	-2.039722	0.041377992	NA

<i>MTPN</i>	0.156917	0.076933	2.039661	0.041384063	0.378862645
<i>STYX</i>	0.296963	0.145687	2.038365	0.041513474	0.379441949
<i>STX5</i>	-0.182042	0.089313	-2.038239	0.041526064	0.379441949
<i>MRPS21</i>	-0.156072	0.076612	-2.037184	0.041631624	0.380046262
<i>ACTR1B</i>	-0.193178	0.094873	-2.036171	0.041733165	0.380330394
<i>GSE1</i>	0.447144	0.219673	2.035502	0.041800339	0.380330394
<i>VPS25</i>	-0.240741	0.118278	-2.035375	0.041813116	0.380330394
<i>PLA2G6</i>	-0.463567	0.227767	-2.035266	0.041824122	0.380330394
<i>PLOD3</i>	0.334642	0.16445	2.034909	0.041860015	0.380330394
<i>TMEM167B</i>	-0.189311	0.093065	-2.034171	0.041934349	0.380647006
<i>TNFSF10</i>	0.3564	0.175266	2.033483	0.042003761	0.380818631
<i>ARF5</i>	-0.242767	0.119403	-2.033167	0.042035656	0.380818631
<i>CLTC</i>	0.233343	0.114788	2.03281	0.042071768	0.380818631
<i>POGLUT3</i>	0.900104	0.442831	2.032614	0.042091527	NA
<i>AKIRIN1</i>	0.164488	0.080935	2.032359	0.042117346	0.380873559
<i>MYL6B</i>	-0.211233	0.104042	-2.030265	0.042329592	0.381482826
<i>SRSF2</i>	-0.121404	0.059802	-2.030084	0.042348022	0.381482826
<i>MAX</i>	0.176452	0.086925	2.029932	0.042363455	0.381482826
<i>SF3B2</i>	-0.13961	0.068779	-2.029824	0.042374406	0.381482826
<i>GABPB2</i>	0.344738	0.169843	2.029739	0.042383084	0.381482826
<i>LINC00954</i>	-0.326522	0.1609	-2.029355	0.042422157	0.381482826
<i>SEPHS1</i>	0.416583	0.205362	2.028534	0.042505733	0.381878162
<i>SLFN12</i>	0.724823	0.357548	2.027205	0.042641422	NA
<i>POLM</i>	-0.221996	0.109524	-2.02691	0.042671652	0.382657319
<i>ENSG00000245869</i>	0.466044	0.229949	2.026726	0.042690466	0.382657319
<i>BAD</i>	-0.192507	0.095003	-2.026336	0.042730315	0.382657319
<i>MAP3K2</i>	0.206896	0.102114	2.026132	0.042751238	0.382657319
<i>AKAP10</i>	0.196495	0.097061	2.024448	0.042924079	0.383669117
<i>VCPIP1</i>	0.260831	0.128853	2.024255	0.042943877	0.383669117
<i>ENSG00000257194</i>	-1.412965	0.698482	-2.02291	0.043082435	NA
<i>NKG7</i>	-1.799232	0.889561	-2.022607	0.043113729	NA
<i>ERLIN1</i>	0.506621	0.25053	2.022192	0.043156495	0.384793427
<i>RIPOR1</i>	-0.190794	0.094387	-2.021403	0.043238086	0.384793427
<i>SQOR</i>	-0.257544	0.127419	-2.021239	0.043254988	0.384793427
<i>FAM71D</i>	-0.598012	0.295874	-2.021173	0.04326183	0.384793427
<i>KCTD7</i>	0.317491	0.157088	2.021101	0.043269302	0.384793427
<i>MYLK.AS1</i>	-0.541303	0.267974	-2.019986	0.043384825	0.385465171
<i>ESYT2</i>	0.434154	0.214972	2.019587	0.043426248	0.385477927
<i>ACSM3</i>	-0.410769	0.203452	-2.019001	0.043487097	0.385662937
<i>MIR4435.2HG</i>	1.141831	0.565865	2.017851	0.043606798	NA
<i>ENSG00000273002</i>	0.554073	0.274661	2.017296	0.043664591	0.385952631
<i>HLA.DMA</i>	-0.262497	0.130157	-2.016771	0.043719396	0.385952631
<i>UBL4A</i>	0.219545	0.10886	2.016768	0.043719686	0.385952631
<i>FAM8A1</i>	0.571606	0.283427	2.016765	0.043720075	NA
<i>IDH1</i>	0.257305	0.127583	2.016764	0.043720115	0.385952631
<i>SEMA4A</i>	-1.040722	0.516097	-2.016523	0.04374532	NA
<i>TIPARP</i>	-0.233262	0.115711	-2.015911	0.043809267	0.385952631

<i>PCF11</i>	0.162865	0.080813	2.015338	0.043869231	0.385952631
<i>PWWP2B</i>	0.59519	0.295333	2.015314	0.043871735	0.385952631
<i>VPS37B</i>	0.196684	0.097596	2.015282	0.043875119	0.385952631
<i>ANXA6</i>	-0.241566	0.11987	-2.015234	0.043880092	0.385952631
<i>CISD2</i>	0.213511	0.106075	2.012819	0.044133717	0.387829566
<i>TCOF1</i>	-0.240661	0.11963	-2.011711	0.044250368	0.388500498
<i>EIF2B5</i>	-0.226047	0.11243	-2.010552	0.044372759	0.389220558
<i>MBOAT2</i>	-1.046021	0.520485	-2.009706	0.044462273	NA
<i>FUOM</i>	-0.390634	0.194461	-2.008805	0.044557868	0.39048895
<i>SAMD10</i>	0.579118	0.288325	2.008563	0.044583475	NA
<i>DRG2</i>	-0.230472	0.114765	-2.008201	0.044621947	0.390570353
<i>PPP2R5B</i>	0.255491	0.127239	2.007954	0.044648188	0.390570353
<i>PLXNC1</i>	0.813193	0.405154	2.007121	0.044736832	NA
<i>DAZAP1</i>	-0.275083	0.137084	-2.006673	0.044784472	0.391057623
<i>ENSG00000186019</i>	0.950143	0.473598	2.006221	0.044832631	NA
<i>ZNF417</i>	0.545855	0.272149	2.005721	0.044886006	0.391057623
<i>MORC3</i>	0.207808	0.103612	2.005637	0.044895037	0.391057623
<i>SRSF5</i>	-0.182219	0.090872	-2.005221	0.044939414	0.391057623
<i>TCEAL4</i>	0.243137	0.121256	2.005151	0.044946876	0.391057623
<i>SYNE2</i>	-0.288137	0.143706	-2.005046	0.044958121	0.391057623
<i>EVI2A</i>	0.314154	0.156703	2.004768	0.044987853	0.391057623
<i>RPSA</i>	0.221315	0.110418	2.004343	0.045033306	0.391100066
<i>ENSG00000236723</i>	1.027524	0.512734	2.004011	0.045068887	NA
<i>KMT2A</i>	0.197977	0.098835	2.003109	0.04516557	0.391782285
<i>NINJ1</i>	-0.435747	0.217563	-2.002852	0.045193143	0.391782285
<i>GLB1L</i>	0.582102	0.290667	2.002641	0.045215866	NA
<i>LAGE3</i>	0.177089	0.088453	2.00206	0.045278325	0.392168059
<i>AP1B1</i>	-0.344892	0.172356	-2.001046	0.045387436	0.392760215
<i>ERGIC1</i>	-0.206242	0.103088	-2.000637	0.045431563	0.392789476
<i>ECI2</i>	0.220699	0.110356	1.999881	0.04551311	0.393141917
<i>ENSG00000204802</i>	-0.710427	0.355302	-1.9995	0.045554241	NA
<i>LINC00667</i>	0.222098	0.111156	1.998078	0.045708153	0.394473224
<i>ENSG00000271869</i>	0.358652	0.179622	1.996708	0.045856938	0.39540329
<i>MAMLD1</i>	-1.021688	0.512056	-1.995268	0.046013712	NA
<i>ENSG00000256690</i>	0.353092	0.17697	1.99521	0.046019959	0.395906872
<i>ERO1A</i>	0.310329	0.155565	1.994857	0.04605852	0.395906872
<i>CXCR5</i>	0.196094	0.098302	1.994816	0.046062988	0.395906872
<i>ZEB1</i>	-0.270537	0.13563	-1.994663	0.046079617	0.395906872
<i>LRMP</i>	0.271657	0.136286	1.993292	0.046229507	0.396640625
<i>WASIR2</i>	0.660196	0.331288	1.992814	0.046281782	0.396640625
<i>CENPS.CORT</i>	-0.998298	0.500956	-1.992785	0.046285048	NA
<i>DPP3</i>	-0.353491	0.177388	-1.992753	0.046288455	0.396640625
<i>NMNAT3</i>	-1.011631	0.507856	-1.991966	0.046374821	NA
<i>GTF3C6</i>	-0.134324	0.067538	-1.988874	0.046715099	0.399940993
<i>AGAP3</i>	1.647152	0.828234	1.988752	0.046728623	NA
<i>POLR2H</i>	-0.232122	0.116739	-1.988388	0.046768755	0.400045075
<i>IP6K2</i>	-0.202639	0.102009	-1.986479	0.046980149	0.400082168

<i>MGME1</i>	0.254364	0.128072	1.986106	0.047021568	0.400082168
<i>ETFRF1</i>	0.236662	0.119213	1.985204	0.047121758	0.400082168
<i>DHRS3</i>	2.263718	1.14047	1.984899	0.047155739	0.400082168
<i>PAFAH1B1</i>	0.14299	0.07205	1.984584	0.04719075	0.400082168
<i>REEP4</i>	0.309959	0.156187	1.984538	0.047195865	0.400082168
<i>GDI2</i>	-0.168399	0.084872	-1.984151	0.047239025	0.400082168
<i>RAB11B</i>	-0.158072	0.079674	-1.983982	0.047257833	0.400082168
<i>FAAP24</i>	-0.493202	0.248631	-1.98367	0.04729261	0.400082168
<i>IRF5</i>	0.316422	0.159554	1.98316	0.04734954	0.400082168
<i>UBE4B</i>	0.241019	0.121543	1.982997	0.047367796	0.400082168
<i>XRCC4</i>	-0.353502	0.178274	-1.982915	0.047376963	0.400082168
<i>PLD4</i>	-0.587347	0.296209	-1.982881	0.047380699	0.400082168
<i>CAMTA1</i>	-0.163788	0.082613	-1.982591	0.047413125	0.400082168
<i>C1orf35</i>	0.193305	0.097503	1.982563	0.047416246	0.400082168
<i>ZBTB1</i>	0.210769	0.106321	1.982376	0.047437128	0.400082168
<i>ENSG00000257354</i>	-0.503089	0.253865	-1.981721	0.047510479	0.400350543
<i>IL27RA</i>	0.213954	0.108007	1.980931	0.04759901	0.40074625
<i>PITPNM2</i>	-0.709471	0.358294	-1.980136	0.047688288	NA
<i>ITPR1.DT</i>	1.349532	0.682147	1.97836	0.047888136	NA
<i>XXYL1.AS2</i>	0.800203	0.404714	1.977208	0.048018106	0.403921939
<i>PPTC7</i>	0.2526	0.127788	1.976714	0.048073963	0.403953132
<i>USP40</i>	0.576646	0.291794	1.976207	0.048131339	0.403953132
<i>MAD2L2</i>	-0.181604	0.091902	-1.976064	0.048147526	0.403953132
<i>NDUFS6</i>	0.12979	0.065717	1.974962	0.048272432	0.404626884
<i>LINC02285</i>	-1.006182	0.509547	-1.97466	0.048306707	NA
<i>EEA1</i>	0.260421	0.131898	1.974411	0.048335067	0.404626884
<i>HIST4H4</i>	0.548887	0.278005	1.974378	0.048338828	NA
<i>C22orf46</i>	0.393635	0.199418	1.973917	0.048391143	0.404626884
<i>TMEM179B</i>	-0.174632	0.088485	-1.973572	0.048430462	0.404626884
<i>ATG5</i>	0.181015	0.091736	1.973217	0.04847086	0.404626884
<i>UBE2W</i>	0.19221	0.097413	1.973139	0.048479673	0.404626884
<i>CETP</i>	-0.812432	0.411995	-1.971945	0.048615901	NA
<i>CCDC152</i>	0.381457	0.193442	1.97194	0.048616476	0.405417674
<i>RPS6KB2.AS1</i>	-0.64505	0.327321	-1.970699	0.048758353	NA
<i>ENSG00000256591</i>	-0.716611	0.363722	-1.970219	0.048813312	NA
<i>PATJ</i>	0.373495	0.189573	1.970191	0.048816479	0.406391041
<i>KANK2</i>	-0.987851	0.5014	-1.970184	0.048817282	NA
<i>FYN</i>	0.415787	0.21104	1.970182	0.048817513	0.406391041
<i>TOLLIP.AS1</i>	-1.071128	0.543839	-1.969569	0.04888778	NA
<i>C1orf216</i>	0.509095	0.258611	1.968571	0.049002377	0.407578013
<i>ENSG00000267939</i>	-1.76805	0.898636	-1.967482	0.049127677	NA
<i>HIST2H2BE</i>	0.413122	0.209987	1.967367	0.049140874	0.408138074
<i>RPAP2</i>	0.210956	0.107238	1.967171	0.049163504	0.408138074
<i>ENSG00000272870</i>	0.628355	0.319451	1.966987	0.049184663	NA
<i>SEC13</i>	-0.255711	0.130008	-1.966883	0.049196726	0.408138074
<i>FAHD2B</i>	-0.853381	0.433929	-1.966638	0.049225008	NA
<i>HCCS</i>	0.248304	0.126303	1.965935	0.049306076	0.40826996

<i>E2F6</i>	0.32729	0.166504	1.965659	0.049338002	0.40826996
<i>INO80</i>	-0.271897	0.138327	-1.96561	0.049343716	0.40826996
<i>DUSP18</i>	0.323468	0.164592	1.965278	0.04938203	0.40826996
<i>C7orf61</i>	0.847245	0.431158	1.965044	0.049409114	NA
<i>ORAI2</i>	0.136245	0.069343	1.964798	0.049437568	0.408378883
<i>LPCAT2</i>	-1.153615	0.587204	-1.96459	0.049461711	NA
<i>RMND1</i>	-0.332451	0.169296	-1.96372	0.04956259	0.409061104
<i>PIGC</i>	-0.21394	0.109	-1.962748	0.049675521	0.409563033
<i>TRIM52</i>	0.274312	0.139779	1.962465	0.049708376	0.409563033
<i>CLIC1</i>	0.185901	0.0948	1.960976	0.049881821	0.410385651
<i>ADH5</i>	-0.19598	0.099945	-1.960877	0.049893359	0.410385651

<b>Cluster 4</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>ARRDC3</i>	-1.093058	0.159098	-6.870345	6.40E-12	3.13E-08
<i>GPR183</i>	0.96683	0.165013	5.859129	4.65E-09	8.55E-06
<i>C7orf50</i>	-0.510511	0.087428	-5.839218	5.24E-09	8.55E-06
<i>SMIM10</i>	-3.760857	0.646237	-5.819627	5.90E-09	NA
<i>MT1X</i>	-1.838662	0.323822	-5.678001	1.36E-08	NA
<i>SYNGR2</i>	-0.76872	0.138034	-5.569053	2.56E-08	3.13E-05
<i>CLK1</i>	0.558842	0.104823	5.331317	9.75E-08	9.54E-05
<i>ENSG00000273319</i>	0.725078	0.139862	5.184235	2.17E-07	0.000176885
<i>LRIF1</i>	0.552042	0.10815	5.104394	3.32E-07	0.000231967
<i>ZBTB1</i>	0.638495	0.127926	4.991123	6.00E-07	0.000332472
<i>CYTIP</i>	0.267219	0.053577	4.987538	6.12E-07	0.000332472
<i>CD83</i>	-0.470277	0.095109	-4.94463	7.63E-07	0.00037328
<i>NFKBIA</i>	-0.499838	0.101575	-4.920864	8.62E-07	0.000383268
<i>CKS2</i>	1.120976	0.229744	4.879249	1.06E-06	0.00041957
<i>ZC3H6</i>	0.698181	0.143357	4.87022	1.11E-06	0.00041957
<i>CDKN1A</i>	-0.787616	0.165683	-4.753741	2.00E-06	0.000697906
<i>GATD3</i>	4.371743	0.928638	4.707696	2.51E-06	NA
<i>CHMP6</i>	-0.771983	0.165038	-4.677617	2.90E-06	NA
<i>RPS5</i>	0.328483	0.071666	4.583509	4.57E-06	0.001455455
<i>CRIP1</i>	0.523886	0.114507	4.575127	4.76E-06	0.001455455
<i>CHORDC1</i>	0.772773	0.171623	4.502747	6.71E-06	0.001930744
<i>DBI</i>	-0.329261	0.073967	-4.45147	8.53E-06	0.002293783
<i>RPL8</i>	0.467311	0.1052	4.442137	8.91E-06	0.002293783
<i>PDE4B</i>	0.388308	0.088625	4.381483	1.18E-05	0.002668076
<i>PNPLA8</i>	0.483716	0.110466	4.378877	1.19E-05	0.002668076
<i>IZUMO4</i>	-0.787927	0.179988	-4.377656	1.20E-05	0.002668076
<i>IL16</i>	0.325289	0.075833	4.289552	1.79E-05	0.003719356
<i>H3F3B</i>	-0.381837	0.089241	-4.278705	1.88E-05	0.003719356
<i>GPR65</i>	0.735149	0.171913	4.276289	1.90E-05	0.003719356
<i>TTC32</i>	-0.737522	0.17261	-4.272771	1.93E-05	NA
<i>HHEX</i>	0.299358	0.070253	4.261117	2.03E-05	0.003827968
<i>CXCR4</i>	0.233225	0.054846	4.252374	2.12E-05	0.003833151
<i>MRPL54</i>	-0.374501	0.088664	-4.223842	2.40E-05	0.004197022
<i>TCTN1</i>	-0.818617	0.194231	-4.214647	2.50E-05	0.004220955
<i>TAGLN2</i>	-0.352291	0.084397	-4.174201	2.99E-05	0.004877244
<i>CD5</i>	-1.539502	0.370699	-4.152975	3.28E-05	NA
<i>ENSG00000272211</i>	-1.215828	0.293575	-4.141449	3.45E-05	0.005447301
<i>CRK</i>	0.524754	0.12822	4.092613	4.27E-05	0.006377082
<i>ZC3H12D</i>	-0.885557	0.216481	-4.09069	4.30E-05	0.006377082
<i>RPS9</i>	0.367874	0.090905	4.046809	5.19E-05	0.007471984
<i>TMEM243</i>	0.368468	0.091278	4.036785	5.42E-05	0.007575573
<i>HHIP.AS1</i>	-2.757367	0.684093	-4.030691	5.56E-05	NA
<i>SGK1</i>	-1.312415	0.326232	-4.022949	5.75E-05	NA
<i>NPM1</i>	0.251972	0.062941	4.00333	6.25E-05	0.008488956
<i>RHOH</i>	0.313857	0.078709	3.987579	6.68E-05	0.008827378
<i>ASF1A</i>	0.516179	0.130493	3.955596	7.63E-05	0.009667011

<i>CIRBP</i>	-0.221754	0.056092	-3.95339	7.71E-05	0.009667011
<i>CD79B</i>	-0.267773	0.068073	-3.933594	8.37E-05	0.009909599
<i>RPS23</i>	0.201496	0.051273	3.929904	8.50E-05	0.009909599
<i>LETMD1</i>	0.396342	0.100899	3.928091	8.56E-05	0.009909599
<i>RPL13A</i>	0.189182	0.048211	3.924013	8.71E-05	0.009909599
<i>SLC3A2</i>	-0.466697	0.11978	-3.896275	9.77E-05	0.010862825
<i>LINC01215</i>	-0.476098	0.124651	-3.819456	0.00013375	0.014542706
<i>LRRC61</i>	-0.99072	0.259955	-3.811123	0.00013834	NA
<i>RPL7A</i>	0.183581	0.04829	3.801651	0.00014374	0.015044042
<i>SNAI3</i>	1.347743	0.3548	3.798596	0.00014552	NA
<i>RPL30</i>	0.208312	0.054928	3.79249	0.00014914	0.015044042
<i>KDM4B</i>	0.555616	0.146581	3.790499	0.00015035	0.015044042
<i>CCDC191</i>	-1.283915	0.338765	-3.789986	0.00015066	0.015044042
<i>RPS8</i>	0.262593	0.069939	3.754612	0.00017361	0.016989515
<i>RSRP1</i>	0.391818	0.105313	3.7205	0.00019883	0.019075832
<i>ZBTB25</i>	0.485386	0.1309	3.708074	0.00020884	0.019651197
<i>ENSG00000261386</i>	0.711354	0.19227	3.699765	0.0002158	0.019797206
<i>CHCHD5</i>	-0.40761	0.110331	-3.694435	0.00022038	0.019797206
<i>TCL1B</i>	-1.245556	0.337736	-3.687953	0.00022607	0.019797206
<i>SLC50A1</i>	-0.497085	0.134807	-3.687377	0.00022658	0.019797206
<i>TNFRSF14</i>	0.265524	0.072173	3.679004	0.00023415	0.020099615
<i>KRTCAP2</i>	-0.320078	0.088092	-3.633442	0.00027967	0.023153585
<i>MIR29B2CHG</i>	0.497632	0.136968	3.633198	0.00027993	0.023153585
<i>FGFR1OP2</i>	0.417302	0.114974	3.629547	0.00028392	0.023153585
<i>RPL36</i>	0.151161	0.041698	3.62516	0.00028878	0.023164186
<i>ARPC3</i>	-0.207215	0.057507	-3.603321	0.00031418	0.024794632
<i>ZBED2</i>	2.042977	0.571681	3.573633	0.00035206	NA
<i>C16orf74</i>	-0.494382	0.138619	-3.566491	0.00036179	0.028099316
<i>ENSG00000261505</i>	-0.912922	0.256074	-3.565066	0.00036377	NA
<i>PPM1K</i>	0.261894	0.074005	3.53886	0.00040186	0.030043256
<i>PNRC2</i>	0.280407	0.079258	3.5379	0.00040332	0.030043256
<i>LPAR5</i>	0.667879	0.188845	3.536646	0.00040524	0.030043256
<i>C17orf49</i>	-0.973275	0.276885	-3.515092	0.0004396	0.032104083
<i>RPSA</i>	0.302235	0.086137	3.508774	0.00045018	0.03239285
<i>CD48</i>	0.334635	0.095525	3.503137	0.00045981	0.032606736
<i>NUP210</i>	0.460743	0.132151	3.486482	0.00048942	0.033158573
<i>PPP1CA</i>	-0.169175	0.048537	-3.485508	0.0004912	0.033158573
<i>RPL38</i>	0.221852	0.063673	3.484257	0.00049351	0.033158573
<i>CLEC2B</i>	0.392925	0.112826	3.482572	0.00049662	0.033158573
<i>RPL9</i>	0.224606	0.064543	3.479965	0.00050148	0.033158573
<i>PRICKLE1</i>	0.71638	0.205928	3.478789	0.00050368	NA
<i>FGR</i>	-0.939853	0.270302	-3.477044	0.00050697	NA
<i>TPI1</i>	-0.232038	0.06684	-3.471533	0.0005175	0.033529992
<i>RBM3</i>	-0.34656	0.099878	-3.469823	0.0005208	0.033529992
<i>EPS15</i>	-0.591244	0.171341	-3.45069	0.00055916	0.035107659
<i>RPL32</i>	0.163843	0.047562	3.44486	0.00057136	0.035107659
<i>ADA</i>	-0.701694	0.203741	-3.444048	0.00057307	0.035107659



<i>NDUFB5</i>	0.297633	0.08643	3.443608	0.00057401	0.035107659
<i>HMGB2</i>	-0.377199	0.109819	-3.434741	0.00059312	0.035828879
<i>PSMD8</i>	-0.245944	0.071851	-3.422963	0.00061943	0.036727913
<i>DYNLT1</i>	0.503514	0.147166	3.421391	0.00062302	0.036727913
<i>SCRN1</i>	1.094996	0.320881	3.412465	0.00064378	NA
<i>BLNK</i>	0.269009	0.078995	3.405379	0.00066072	0.038262808
<i>APH1A</i>	-0.27726	0.081472	-3.40311	0.00066624	0.038262808
<i>MCRIP1</i>	-0.267807	0.078754	-3.400547	0.00067251	0.038262808
<i>SCN3A</i>	1.614904	0.475378	3.397093	0.00068106	NA
<i>RPL3</i>	0.191296	0.056317	3.39677	0.00068186	0.038348887
<i>PFDN5</i>	0.136899	0.040385	3.389816	0.0006994	0.038887962
<i>GALNT2</i>	-0.573459	0.169338	-3.386483	0.00070795	0.038921093
<i>EIF4A2</i>	0.271207	0.080172	3.382832	0.00071743	0.039003995
<i>CLEC2D</i>	-0.324356	0.096008	-3.378428	0.00072902	0.03919858
<i>ENSG00000266844</i>	-1.940438	0.576394	-3.366511	0.00076126	NA
<i>NEIL1</i>	-0.495229	0.147137	-3.365767	0.00076331	0.040582092
<i>RPL24</i>	0.224521	0.066764	3.362882	0.00077133	0.040582092
<i>CELF1</i>	0.264683	0.078986	3.350993	0.00080522	0.041914451
<i>RNF43</i>	-1.01973	0.30488	-3.344693	0.00082374	NA
<i>CYB5A</i>	-0.795223	0.237863	-3.343194	0.0008282	0.042656694
<i>FAU</i>	0.163075	0.04884	3.33896	0.00084093	0.042860988
<i>ODF3B</i>	-0.700625	0.210202	-3.333111	0.00085881	NA
<i>TAGAP</i>	-0.414947	0.124867	-3.323112	0.00089019	0.044904126
<i>HHLA3</i>	0.773717	0.232877	3.322436	0.00089235	NA
<i>GPR18</i>	0.607875	0.183046	3.320887	0.00089732	NA
<i>CDKN1B</i>	0.288132	0.087012	3.311391	0.00092833	0.046212037
<i>NUFIP2</i>	0.362653	0.109583	3.309386	0.00093501	0.046212037
<i>WRB</i>	0.554147	0.167931	3.299844	0.00096739	NA
<i>ARL17A</i>	-0.642947	0.195193	-3.293904	0.00098806	0.048345877
<i>FXVD2</i>	-1.132432	0.344316	-3.288932	0.00100568	NA
<i>RMND5A</i>	0.539333	0.164063	3.287352	0.00101134	0.048403941
<i>RNF34</i>	0.500672	0.152344	3.286454	0.00101457	0.048403941
<i>TRAF4</i>	-0.361903	0.11016	-3.285248	0.00101893	0.048403941
<i>SRSF5</i>	-0.214314	0.06541	-3.276474	0.00105112	0.049453151
<i>PTPMT1</i>	-0.326816	0.099849	-3.273094	0.00106377	0.049499404
<i>TRMT13</i>	0.40174	0.122825	3.270827	0.00107234	0.049499404
<i>DNAJB4</i>	0.795668	0.243279	3.270596	0.00107321	NA
<i>ZNF250</i>	0.744533	0.227668	3.27026	0.00107449	NA
<i>LINC02201</i>	-1.671062	0.511111	-3.269472	0.00107749	NA
<i>ORMDL3</i>	-0.657683	0.201815	-3.258837	0.0011187	0.051156917
<i>SNX15</i>	-1.439564	0.443814	-3.243623	0.0011802	NA
<i>RHOC</i>	-0.671051	0.207118	-3.239944	0.00119553	NA
<i>CDC42</i>	-0.274011	0.084799	-3.231305	0.00123226	0.055828425
<i>ENSG00000256092</i>	-0.622792	0.192845	-3.2295	0.00124007	NA
<i>TNFSF10</i>	0.750956	0.233104	3.22155	0.00127499	0.057234314
<i>LCN8</i>	3.047177	0.951215	3.203457	0.00135788	0.060094407
<i>H2AFZ</i>	0.285445	0.089137	3.202317	0.00136327	0.060094407

<i>TSPAN33</i>	-0.533479	0.166663	-3.200951	0.00136975	NA
<i>ACADVL</i>	-0.283078	0.088489	-3.199017	0.00137897	0.060240479
<i>RPS28</i>	0.194913	0.060978	3.196469	0.00139121	0.060240479
<i>PLAAT3</i>	-0.879527	0.275932	-3.187479	0.00143519	NA
<i>RPS6</i>	0.198205	0.062226	3.185257	0.00144626	0.062074775
<i>MAML3</i>	-1.127562	0.354737	-3.178587	0.00147995	NA
<i>IGLV6.57</i>	-1.292565	0.406772	-3.177617	0.00148491	NA
<i>ARF5</i>	-0.34252	0.107889	-3.174743	0.00149969	0.063463521
<i>HSH2D</i>	-0.316101	0.099625	-3.172895	0.00150927	0.063463521
<i>HSPD1</i>	0.325575	0.102706	3.169981	0.00152449	0.063463521
<i>IGHD</i>	-0.311222	0.098272	-3.166954	0.00154045	0.063463521
<i>ELF1</i>	0.284993	0.090006	3.166385	0.00154346	0.063463521
<i>H1FX</i>	-0.841793	0.266156	-3.162773	0.00156274	NA
<i>TIMM10</i>	-0.466356	0.147899	-3.1532	0.00161491	0.065847903
<i>HLA.A</i>	-0.48811	0.155191	-3.145216	0.00165964	0.066734957
<i>DEDD2</i>	0.373975	0.118986	3.143012	0.00167219	0.066734957
<i>RPL11</i>	0.17566	0.055922	3.141162	0.00168279	0.066734957
<i>RPL19</i>	0.174982	0.055732	3.139698	0.00169122	0.066734957
<i>TOE1</i>	-0.525842	0.16765	-3.13654	0.00170954	NA
<i>HSD17B11</i>	0.225734	0.071969	3.13654	0.00170954	0.066918293
<i>ENSG00000280433</i>	-1.035115	0.330889	-3.128285	0.00175829	NA
<i>S1PR4</i>	0.334145	0.106935	3.12474	0.00177962	0.069108695
<i>CD82</i>	-0.453641	0.145515	-3.11748	0.00182404	0.069941038
<i>CFAP410</i>	-0.353813	0.113536	-3.116309	0.0018313	0.069941038
<i>PRPF38A</i>	0.267702	0.08596	3.114281	0.00184394	0.069941038
<i>ENSG00000275964</i>	-0.777304	0.249614	-3.114021	0.00184556	NA
<i>XXYL1.AS2</i>	1.363731	0.438451	3.110336	0.00186875	NA
<i>PHF23</i>	0.402011	0.129262	3.110054	0.00187053	0.070403929
<i>STX7</i>	0.242498	0.078181	3.101743	0.00192385	0.071857913
<i>LYRM7</i>	0.38125	0.123316	3.091657	0.00199042	0.073781386
<i>PILRB</i>	0.788754	0.255835	3.083062	0.00204882	0.075315587
<i>RPL23A</i>	0.201632	0.065442	3.081068	0.0020626	0.075315587
<i>ENSG00000254397</i>	1.823559	0.592292	3.078818	0.00207824	NA
<i>SPINT2</i>	-0.295527	0.096286	-3.069263	0.00214588	0.077776047
<i>NFKB2</i>	-0.583608	0.190647	-3.061202	0.0022045	0.079313463
<i>TAPBP</i>	-0.323273	0.10571	-3.058101	0.00222745	0.079553971
<i>ENSG00000166927</i>	-1.052166	0.344448	-3.05464	0.00225331	0.079686918
<i>IL23A</i>	-0.942947	0.308746	-3.054122	0.0022572	NA
<i>HSBP1</i>	0.262303	0.085909	3.053254	0.00226374	0.079686918
<i>PCMTD2</i>	-0.384406	0.126111	-3.048158	0.00230249	0.080019533
<i>LDHA</i>	-0.326486	0.107125	-3.047713	0.0023059	0.080019533
<i>ROR1</i>	-1.186801	0.391034	-3.035032	0.0024051	NA
<i>RPL35A</i>	0.205765	0.067807	3.034584	0.00240868	0.082407157
<i>RPL10</i>	0.231465	0.076286	3.034188	0.00241185	0.082407157
<i>ENSG00000282988</i>	0.739522	0.243864	3.032518	0.00242523	0.082407157
<i>NIPAL3</i>	0.476726	0.15732	3.0303	0.00244311	0.082442266
<i>RPS18</i>	0.2255	0.074541	3.025194	0.00248474	0.083272686

<i>SRA1</i>	-0.430777	0.14273	-3.018135	0.00254335	0.084657294
<i>IL21R</i>	-1.125275	0.372887	-3.017737	0.0025467	NA
<i>ENSG00000273748</i>	-1.525363	0.50591	-3.015087	0.00256905	0.08493499
<i>TCOF1</i>	-0.419291	0.139407	-3.007673	0.00263256	0.086450426
<i>DDB2</i>	-0.496002	0.165111	-3.004043	0.00266417	0.086905343
<i>ELMSAN1</i>	0.380013	0.126616	3.001288	0.0026884	0.087074039
<i>TNRC6C</i>	0.5103	0.170071	3.000504	0.00269533	NA
<i>TDG</i>	0.305235	0.101855	2.996769	0.00272857	0.087074039
<i>PCIF1</i>	-0.393408	0.131431	-2.993279	0.00275997	0.087074039
<i>GCC2</i>	0.263848	0.088149	2.993201	0.00276068	0.087074039
<i>RPLP2</i>	0.24274	0.081112	2.992641	0.00276575	0.087074039
<i>MRPL28</i>	-0.286764	0.09586	-2.991499	0.00277612	0.087074039
<i>RHBDD2</i>	-0.500153	0.167411	-2.987582	0.00281194	0.087635666
<i>AASDH</i>	0.382776	0.128361	2.982025	0.00286349	0.088677528
<i>RPS13</i>	0.149323	0.050206	2.974185	0.00293768	0.090402951
<i>CRLF3</i>	0.270125	0.090932	2.970624	0.00297196	0.090886182
<i>TMEM170A</i>	0.384487	0.129542	2.968052	0.00299694	0.091080836
<i>CMTM7</i>	-0.37344	0.126134	-2.960668	0.00306973	0.092554195
<i>RIN3</i>	0.716283	0.242034	2.959429	0.0030821	NA
<i>SRP72</i>	-0.35572	0.120203	-2.959314	0.00308325	0.092554195
<i>CCL4</i>	-1.705615	0.57698	-2.956108	0.00311548	NA
<i>RPL34</i>	0.15883	0.05384	2.950051	0.00317722	0.094793416
<i>RPL21</i>	0.191804	0.065263	2.938915	0.00329364	0.097671311
<i>MME</i>	-2.060243	0.701642	-2.936317	0.00332135	NA
<i>COLCA2</i>	-1.373355	0.467992	-2.934569	0.00334012	NA
<i>PURA</i>	0.493217	0.168154	2.93313	0.00335563	0.097868847
<i>PRDX3</i>	0.428249	0.146052	2.932166	0.00336606	0.097868847
<i>MAPKAPK2</i>	-0.453663	0.154867	-2.929369	0.0033965	0.097868847
<i>PSPC1</i>	-0.406329	0.138719	-2.929142	0.003399	0.097868847
<i>POLR2J</i>	-0.270736	0.092432	-2.929022	0.00340031	0.097868847
<i>ZNF16</i>	-0.651843	0.222714	-2.926816	0.00342451	NA
<i>LIMD2</i>	-0.255781	0.087633	-2.918778	0.00351406	0.099441379
<i>PCGF5</i>	-0.287392	0.098463	-2.918774	0.00351411	0.099441379
<i>RPL37</i>	0.142625	0.048867	2.918614	0.00351591	0.099441379
<i>ENSG00000130313</i>	-0.230551	0.079121	-2.913899	0.00356945	0.100278419
<i>FAM184B</i>	-1.755632	0.60281	-2.912412	0.0035865	0.100278419
<i>ZC3H7A</i>	-0.374955	0.129031	-2.905923	0.00366172	0.101235053
<i>MIF</i>	-0.356909	0.122823	-2.905891	0.00366209	0.101235053
<i>ADAMTS6</i>	0.901601	0.310914	2.899836	0.00373358	NA
<i>TNFAIP8L2</i>	0.551683	0.190483	2.896234	0.00377671	NA
<i>RPL35</i>	0.169675	0.058619	2.894539	0.00379715	0.104379059
<i>SVBP</i>	-0.243834	0.084301	-2.892421	0.00382285	0.104498456
<i>TM2D3</i>	0.501328	0.173548	2.888691	0.00386849	0.105158555
<i>VOPP1</i>	-0.382596	0.13265	-2.884248	0.00392349	0.106064304
<i>SLC25A25</i>	0.636256	0.220833	2.881164	0.0039621	NA
<i>LILRB1</i>	0.496608	0.17276	2.874558	0.00404594	0.10877356
<i>SEC61B</i>	-0.207005	0.072317	-2.862458	0.00420369	0.112228979

MRPL41	-0.291403	0.101846	-2.861205	0.00422034	0.112228979
ATF7IP2	-0.437288	0.152942	-2.85917	0.00424751	0.112340831
CAV1	-1.194325	0.41795	-2.857577	0.00426889	NA
ENSG00000272754	-0.743623	0.260326	-2.856502	0.00428337	NA
SESN3	0.306248	0.10733	2.85334	0.00432623	0.11380773
GOPC	0.394866	0.138553	2.849933	0.00437284	0.114418726
SETD5	0.254646	0.089505	2.845045	0.00444051	0.115312441
FAM98A	0.497794	0.175039	2.843904	0.00445645	NA
RPS15A	0.205888	0.072402	2.843665	0.00445979	0.115312441
ACTR1B	-0.283076	0.099591	-2.842388	0.0044777	0.115312441
LNPEP	0.366092	0.128977	2.838425	0.00453367	0.116142742
NOP10	0.19167	0.067576	2.836369	0.00456297	0.116213014
AEN	-0.57529	0.20291	-2.8352	0.00457969	NA
PTGES2	-0.437927	0.15455	-2.833558	0.0046033	0.116213014
TIAL1	0.237631	0.083933	2.831198	0.0046374	0.116213014
INKA1	0.475206	0.167912	2.830087	0.00465353	0.116213014
SUMO3	-0.422274	0.149237	-2.829557	0.00466125	0.116213014
ZNF253	0.551765	0.195023	2.829235	0.00466594	NA
CYBC1	-0.189521	0.067008	-2.828346	0.00467892	0.116213014
CLECL1	1.554259	0.549767	2.827121	0.00469685	NA
RPL39	0.18079	0.063997	2.82499	0.00472821	0.116844021
RPS12	0.189623	0.067167	2.823153	0.00475539	0.116925297
UQCRH	0.152193	0.054	2.818374	0.00482676	0.118086557
ZNF557	0.433904	0.15411	2.815549	0.00486939	0.11853699
EIF3E	0.256169	0.091168	2.809868	0.00495618	0.1196862
YWHAE	0.34407	0.122477	2.809262	0.00496552	0.1196862
ENSG00000245904	0.246239	0.087772	2.805448	0.00502468	0.120518344
CPM	-1.058451	0.377783	-2.801742	0.00508275	NA
AKAP13	0.242941	0.086908	2.795369	0.00518404	0.123692773
CYTH1	-0.245946	0.08803	-2.793905	0.00520759	0.123692773
SLC15A2	0.786214	0.281523	2.792714	0.00522678	NA
MLST8	-0.394124	0.141246	-2.790328	0.00526546	0.124463333
PTP4A1	-0.34734	0.124874	-2.781521	0.00541048	0.127276274
LINC02256	-0.537581	0.193402	-2.779603	0.00544255	NA
ADRB2	1.090669	0.393052	2.774874	0.0055223	NA
RPL5	0.178347	0.064296	2.773852	0.00553969	0.129474663
RPL26	0.160762	0.05801	2.77131	0.00558313	0.129474663
APOBEC3C	-0.276212	0.099669	-2.771299	0.00558331	0.129474663
HCK	-0.816004	0.294459	-2.771199	0.00558503	NA
C6orf226	-0.52381	0.189086	-2.770215	0.00560193	NA
TTC9C	0.320794	0.115897	2.767925	0.00564144	0.130183803
RPS27L	-0.326341	0.117964	-2.766445	0.00566711	0.130183803
RYK	0.538182	0.194859	2.761908	0.00574647	NA
POU2F2	0.221034	0.080064	2.760725	0.00576732	0.1309594
SLC25A5	-0.178823	0.064788	-2.760103	0.00577831	0.1309594
VPREB1	-1.983685	0.71898	-2.759027	0.00579738	0.1309594
GAPT	0.317165	0.115066	2.756373	0.00584463	0.1309594

<i>ABTB1</i>	-0.273906	0.099476	-2.753481	0.00589653	0.1309594
<i>HRK</i>	-1.300865	0.472458	-2.753397	0.00589803	0.1309594
<i>MFAP1</i>	0.427017	0.155097	2.75322	0.00590122	0.1309594
<i>PSMB10</i>	-0.318096	0.115733	-2.748524	0.00598643	0.1309594
<i>EGLN2</i>	0.274869	0.100019	2.748168	0.00599294	0.1309594
<i>BET1</i>	0.325685	0.118557	2.747086	0.00601274	0.1309594
<i>TRAM1</i>	-0.185794	0.067656	-2.746158	0.00602978	0.1309594
<i>SYNE2</i>	-0.422918	0.154009	-2.746061	0.00603155	0.1309594
<i>SCAND1</i>	-0.222559	0.081074	-2.745124	0.00604881	0.1309594
<i>NT5E</i>	0.899723	0.327816	2.744596	0.00605854	NA
<i>ATP6VOA2</i>	-0.770433	0.280977	-2.741978	0.00610705	NA
<i>CRIP1</i>	-0.563519	0.205696	-2.739571	0.00615194	0.131908708
<i>ITGB7</i>	0.445843	0.162795	2.738677	0.00616869	0.131908708
<i>RANGRF</i>	-0.29113	0.106313	-2.738419	0.00617353	0.131908708
<i>BIN1</i>	0.397057	0.145105	2.73635	0.0062125	0.132164144
<i>GTF3C6</i>	-0.260674	0.095321	-2.734688	0.00624394	0.132258025
<i>PDPK1</i>	0.383146	0.140236	2.732153	0.0062922	0.132705683
<i>RPL13</i>	0.193309	0.070909	2.726172	0.00640736	0.134554481
<i>ENSA</i>	-0.167654	0.061575	-2.722777	0.00647357	0.135364026
<i>RPS15</i>	0.142783	0.052471	2.721161	0.00650531	0.135448812
<i>ENSG00000263004</i>	-1.062851	0.391107	-2.717544	0.00657684	NA
<i>UBE2L3</i>	-0.212085	0.078046	-2.717448	0.00657874	0.136038619
<i>YTHDF3</i>	0.53961	0.198618	2.716819	0.00659126	NA
<i>EEF1B2</i>	0.286283	0.105401	2.716133	0.00660495	0.136038619
<i>UBA52</i>	0.125479	0.046208	2.715527	0.00661704	0.136038619
<i>VPS25</i>	-0.384442	0.141728	-2.712529	0.00667719	0.136700872
<i>FBXO4</i>	-0.489094	0.18045	-2.710417	0.00671986	NA
<i>INTS5</i>	0.593392	0.219082	2.708535	0.0067581	NA
<i>ATP6V1C2</i>	-1.757281	0.649031	-2.707545	0.00677829	NA
<i>PFKFB3</i>	-0.42051	0.155317	-2.707427	0.00678071	0.138241642
<i>SLCO5A1</i>	-1.131897	0.418556	-2.704288	0.00684509	NA
<i>RACK1</i>	0.179328	0.066359	2.702394	0.00688421	0.139474999
<i>DENND2D</i>	0.494061	0.182869	2.701719	0.00689821	0.139474999
<i>ENSG00000260879</i>	-1.134608	0.420333	-2.699308	0.00694839	NA
<i>UCP2</i>	-0.298811	0.110771	-2.697552	0.00698514	0.140651475
<i>MYL12A</i>	0.174549	0.064795	2.693868	0.00706282	0.141292516
<i>UBE2E3</i>	-0.310966	0.115459	-2.693306	0.00707473	0.141292516
<i>LACC1</i>	-0.831987	0.30913	-2.691377	0.00711577	NA
<i>FCRL2</i>	0.367777	0.136673	2.690914	0.00712566	0.141731174
<i>ENSG00000278158</i>	0.280179	0.10437	2.684487	0.00726411	0.143899991
<i>ALOX5</i>	-0.306124	0.114164	-2.681448	0.00733044	0.144628401
<i>RPL18</i>	0.187302	0.069909	2.679234	0.00737909	0.144952071
<i>NDUFS8</i>	-0.279515	0.104374	-2.67801	0.00740609	0.144952071
<i>PIP4K2A</i>	0.335144	0.125522	2.67	0.00758514	0.147864808
<i>SPHK2</i>	-0.31189	0.117137	-2.662617	0.00775357	0.149994386
<i>ID3</i>	-0.317455	0.119248	-2.662152	0.00776429	0.149994386
<i>HSPE1</i>	0.163839	0.061566	2.661197	0.00778634	0.149994386

<i>FNTA</i>	0.311237	0.117106	2.657749	0.00786644	0.150943179
<i>NFKB1B</i>	-0.398174	0.149909	-2.656117	0.00790463	NA
<i>ENSG00000275799</i>	0.600337	0.226095	2.655239	0.00792523	0.151477045
<i>CCNG1</i>	0.238444	0.089906	2.652145	0.00799822	0.152277394
<i>ENSG00000239636</i>	-0.611627	0.230822	-2.649785	0.0080543	NA
<i>THAP2</i>	0.418559	0.15798	2.649438	0.00806258	NA
<i>CLCF1</i>	0.548929	0.207306	2.64792	0.00809887	0.153244288
<i>PLTP</i>	-1.516412	0.572743	-2.647632	0.00810578	NA
<i>PF4</i>	2.595135	0.980214	2.647517	0.00810852	NA
<i>ENSG00000271204</i>	0.544914	0.205831	2.647387	0.00811164	0.153244288
<i>C11orf24</i>	-0.416076	0.157279	-2.645465	0.00815786	NA
<i>PPP4C</i>	-0.181597	0.068761	-2.640997	0.00826623	0.155564172
<i>ATP6V1C1</i>	0.376196	0.142712	2.636051	0.00838772	NA
<i>PFKP</i>	-0.85598	0.325288	-2.631451	0.00850211	NA
<i>ZNRD2</i>	-0.342515	0.130443	-2.625785	0.00864495	0.162064417
<i>RPS27</i>	0.157738	0.06012	2.623714	0.00869768	0.162064417
<i>NDUFB8</i>	-0.151631	0.057804	-2.623193	0.008711	0.162064417
<i>PIM1</i>	-0.377791	0.144357	-2.617052	0.00886929	0.164384309
<i>TOMM20</i>	0.240327	0.091908	2.614873	0.00892606	0.164812027
<i>DNAAF4</i>	-1.198195	0.458246	-2.614741	0.00892951	NA
<i>RBBP8</i>	-0.645056	0.246755	-2.614156	0.00894481	NA
<i>SPACA9</i>	-0.57916	0.221558	-2.61403	0.00894811	NA
<i>UBE2J2</i>	-0.265526	0.101645	-2.612293	0.0089937	0.165436778
<i>NUAK2</i>	-0.243456	0.093275	-2.610094	0.00905172	0.165880454
<i>CHRAC1</i>	-0.394821	0.151412	-2.607587	0.00911829	0.16647674
<i>ENSG00000231856</i>	-0.935858	0.359122	-2.605961	0.0091617	NA
<i>DNAAF5</i>	-0.91531	0.351264	-2.605764	0.00916696	NA
<i>MYC</i>	0.379556	0.145798	2.603309	0.00923288	0.167929264
<i>HSPH1</i>	0.43613	0.167721	2.600334	0.0093133	0.167929264
<i>BBC3</i>	-1.118981	0.430397	-2.59988	0.00932563	NA
<i>CAPN12</i>	0.440776	0.16954	2.599839	0.00932674	0.167929264
<i>SLC16A1.AS1</i>	0.445365	0.171325	2.599531	0.00933512	0.167929264
<i>FUOM</i>	-0.543878	0.209222	-2.599526	0.00933527	NA
<i>ENSG00000185527</i>	-0.963706	0.371097	-2.596908	0.0094067	NA
<i>XIAP</i>	0.370507	0.142697	2.596455	0.00941912	0.16881961
<i>FAM217B</i>	0.393687	0.151827	2.593005	0.00951414	0.169900311
<i>ENSG00000179094</i>	-0.784403	0.302812	-2.590394	0.0095866	NA
<i>ENSG00000262089</i>	0.643232	0.24832	2.590333	0.0095883	NA
<i>PTPN20</i>	-1.27365	0.491973	-2.58886	0.00962942	NA
<i>HSPA4</i>	-0.359719	0.139095	-2.586129	0.00970607	0.172697399
<i>LINC02422</i>	0.787421	0.304825	2.583188	0.0097892	NA
<i>OTUB1</i>	-0.222	0.085975	-2.58216	0.0098184	0.173495571
<i>RPS16</i>	0.172607	0.066849	2.582039	0.00982184	0.173495571
<i>LHFPL2</i>	-0.464941	0.180134	-2.581083	0.00984909	NA
<i>NEMP1</i>	0.741633	0.287391	2.580575	0.00986361	NA
<i>LINC02397</i>	0.281732	0.109292	2.577777	0.00994383	0.174082295
<i>FCGR2B</i>	0.672499	0.260887	2.57774	0.00994488	0.174082295

<i>PDE6D</i>	-0.381198	0.147914	-2.577153	0.00996179	0.174082295
<i>UNC50</i>	0.318851	0.123849	2.574509	0.01003826	0.174794303
<i>RPS3A</i>	0.167783	0.065258	2.571072	0.01013842	0.175812233
<i>FZD3</i>	1.107262	0.430665	2.571052	0.010139	NA
<i>ERGIC2</i>	0.282611	0.110004	2.569093	0.01019651	0.175812233
<i>DYNLL1</i>	0.315994	0.123055	2.567914	0.01023126	0.175812233
<i>BBX</i>	0.231082	0.089999	2.567603	0.01024044	0.175812233
<i>ZNF350</i>	-0.260766	0.101683	-2.564492	0.01033268	0.176634813
<i>MAT2A</i>	0.243615	0.095049	2.563038	0.01037605	0.176634813
<i>GLRX</i>	0.306484	0.119612	2.562324	0.01039742	0.176634813
<i>DLGAP3</i>	-1.01477	0.39612	-2.561772	0.01041397	NA
<i>RPL29</i>	0.169651	0.066259	2.560415	0.01045474	0.176634813
<i>MAD2L2</i>	-0.353588	0.138264	-2.557342	0.01054753	0.176634813
<i>CCNG2</i>	0.571025	0.223312	2.557076	0.01055563	0.176634813
<i>NUP50</i>	0.352357	0.137812	2.556802	0.01056394	0.176634813
<i>ATRAID</i>	-0.20057	0.078459	-2.556367	0.01057715	0.176634813
<i>ST13</i>	0.185407	0.072644	2.552262	0.01070262	0.178122098
<i>FHL3</i>	-0.914414	0.358412	-2.551292	0.01073243	NA
<i>IGHV1.2</i>	1.61346	0.632743	2.549946	0.01077395	NA
<i>KRCC1</i>	0.250183	0.098177	2.548279	0.01082559	0.179558034
<i>RPN1</i>	-0.453929	0.178354	-2.545098	0.01092469	0.180268041
<i>IFIT2</i>	0.479433	0.188384	2.544975	0.01092855	NA
<i>STK17A</i>	0.268257	0.105439	2.544192	0.01095308	0.180268041
<i>HINT2</i>	-0.219144	0.086163	-2.543369	0.01097892	0.180268041
<i>BATF</i>	1.104642	0.434625	2.541597	0.01103473	NA
<i>CD40</i>	-0.233378	0.091867	-2.540385	0.01107304	0.181205321
<i>FAM43A</i>	0.710271	0.279846	2.538077	0.01114636	0.1817971
<i>DTX3L</i>	0.466191	0.183842	2.53583	0.01121811	NA
<i>TMEM205</i>	-0.331599	0.130965	-2.531972	0.01134232	0.184378613
<i>FBXO8</i>	0.5057	0.199768	2.531436	0.01135964	NA
<i>SOX4</i>	-0.873724	0.345358	-2.529911	0.01140914	NA
<i>NGLY1</i>	0.199051	0.078686	2.529688	0.01141639	0.184660001
<i>PPP1R15A</i>	-0.556058	0.219905	-2.528629	0.0114509	0.184660001
<i>ECI2</i>	0.323018	0.127785	2.527824	0.01147719	0.184660001
<i>SLK</i>	-0.489084	0.193505	-2.527501	0.01148775	NA
<i>SKAP2</i>	0.297638	0.117792	2.526804	0.01151059	0.184660001
<i>MED21</i>	0.397974	0.157584	2.525474	0.01155423	NA
<i>IKBIP</i>	0.293966	0.116638	2.520326	0.01172461	0.187478867
<i>APBB2</i>	-0.846972	0.336169	-2.519485	0.01175266	NA
<i>GRAMD1C</i>	-0.571206	0.22692	-2.517208	0.01182891	0.188530403
<i>YARS</i>	-0.566445	0.225029	-2.517204	0.01182902	NA
<i>CYSTM1</i>	-0.321657	0.127958	-2.51378	0.01194451	0.189523685
<i>CFL1</i>	-0.169002	0.067254	-2.512884	0.01197487	0.189523685
<i>RRP8</i>	0.358214	0.142565	2.512634	0.01198337	NA
<i>RPL27A</i>	0.139133	0.055389	2.511926	0.01200743	0.189523685
<i>FNBP1</i>	-0.331856	0.132229	-2.509698	0.01208345	0.190110347
<i>LINC00638</i>	0.976702	0.3894	2.508226	0.01213392	NA

MIS18BP1	0.182819	0.072906	2.507597	0.01215552	0.190631231
ENSG00000270562	0.618622	0.247183	2.502686	0.01232548	NA
ZBTB20	0.258248	0.10326	2.500939	0.01238645	0.193632305
KLHL2	-0.727038	0.29076	-2.500474	0.01240273	NA
ENSG00000268516	0.456051	0.182396	2.500337	0.01240753	NA
EXOG	-0.432704	0.17346	-2.494542	0.01261198	0.196530062
MICOS13	-0.213222	0.085535	-2.492805	0.01267385	0.196867091
CFAP73	-1.104437	0.44357	-2.489883	0.01277851	NA
HIP1R	-0.289572	0.116436	-2.486968	0.01288371	0.19895543
ZNF138	0.414299	0.166704	2.485235	0.0129466	0.19895543
CCT8	0.440732	0.177377	2.484713	0.01296558	0.19895543
FLII	-0.35755	0.143961	-2.483667	0.01300372	0.19895543
MT.CO1	0.211661	0.085229	2.483452	0.0130116	0.19895543
SCAMP4	-0.606467	0.244284	-2.482632	0.01304158	NA
SSR2	0.148378	0.059794	2.481469	0.0130842	0.199442258
LSM6	0.19613	0.079093	2.479752	0.01314738	0.199782989
ENSG00000260349	-0.795281	0.320771	-2.479276	0.01316496	NA
HSP90AB1	0.223881	0.090354	2.477813	0.01321906	0.200250286
PIP4P2	0.50201	0.202765	2.47582	0.01329305	NA
PDCL3	-0.345681	0.139626	-2.475757	0.01329539	0.200785026
ENSG00000235560	0.510569	0.206589	2.47143	0.01345739	NA
ZBTB16	2.010131	0.813463	2.47108	0.01347058	NA
CAST	-0.309502	0.125292	-2.47025	0.01350187	0.202514433
PHPT1	-0.466565	0.18889	-2.470041	0.01350974	0.202514433
KMT2A	0.232561	0.094177	2.469398	0.01353407	0.202514433
UNC119	-0.335012	0.135785	-2.46722	0.01361668	0.202532344
PTTG1IP	0.396481	0.160714	2.46699	0.01362541	0.202532344
RNF146	0.283151	0.114817	2.466097	0.01365945	0.202532344
RND1	-0.839869	0.34071	-2.465051	0.01369936	NA
MTHFR	0.332436	0.134886	2.464565	0.01371795	0.202785345
ENSG00000274922	-1.550244	0.629042	-2.464453	0.01372226	NA
SAP18	-0.166721	0.067806	-2.458789	0.01394066	0.205456695
THNSL1	0.846126	0.344461	2.456378	0.01403455	NA
EBLN2	0.453626	0.184717	2.455783	0.01405779	NA
NDUFB7	-0.160348	0.065295	-2.455735	0.0140597	0.206508251
RPL37A	0.129089	0.052602	2.454074	0.01412481	0.206508251
CHMP2B	0.240972	0.098207	2.453722	0.01413862	0.206508251
KCTD5	0.379322	0.154662	2.452585	0.01418338	NA
TBPL1	0.314131	0.128207	2.450194	0.01427794	0.207922462
ENSG00000227495	-1.145911	0.467994	-2.448557	0.01434297	NA
ZNF593	-0.328721	0.134281	-2.448	0.01436518	0.208572193
PTPN7	-0.511668	0.209259	-2.445136	0.01447974	0.209012677
GOLGA3	-0.45082	0.184377	-2.445106	0.01448095	0.209012677
CREBL2	0.38466	0.157571	2.441188	0.01463903	NA
NHSL2	-0.519081	0.212773	-2.439602	0.01470345	0.2115999
ORMDL2	-0.290892	0.119514	-2.433956	0.01493482	0.214299339
YJEFN3	0.976485	0.401583	2.431587	0.01503284	NA



<i>CARD8</i>	-0.311804	0.128235	-2.431506	0.01503621	0.215123365
<i>ENSG00000183308</i>	-1.429081	0.588032	-2.430277	0.01508727	NA
<i>SRD5A3</i>	0.905191	0.372491	2.430103	0.01509455	NA
<i>RDH5</i>	0.463849	0.190885	2.429986	0.01509941	0.215218649
<i>FRY.AS1</i>	-1.566976	0.645049	-2.429236	0.01513069	NA
<i>GPSM3</i>	-0.119232	0.049091	-2.4288	0.0151489	0.215218649
<i>DBF4B</i>	0.763726	0.31456	2.427915	0.01518589	NA
<i>FXD7</i>	0.683703	0.281642	2.427559	0.01520083	0.215218649
<i>PRKRA</i>	-0.230909	0.095141	-2.427015	0.01522364	0.215218649
<i>UFD1</i>	-0.35994	0.148363	-2.426083	0.0152628	0.215218649
<i>TM9SF4</i>	-0.432016	0.178132	-2.425255	0.01529763	NA
<i>PRDX2</i>	-0.329769	0.136163	-2.421876	0.0154406	0.217100147
<i>MAP1LC3B2</i>	-0.639375	0.264072	-2.421215	0.01546874	NA
<i>PTPRS</i>	1.571937	0.649256	2.421136	0.0154721	NA
<i>ZNF827</i>	0.833749	0.344484	2.420286	0.0155083	NA
<i>PTGIR</i>	-1.230154	0.508733	-2.418073	0.01560295	NA
<i>ENSG00000233178</i>	-0.615145	0.254418	-2.417858	0.01561218	NA
<i>LANCL2</i>	-0.858447	0.35536	-2.415713	0.01570443	NA
<i>TNFAIP8</i>	0.216674	0.089723	2.414913	0.01573898	0.220082337
<i>KIAA0040</i>	0.538618	0.223046	2.414828	0.01574266	0.220082337
<i>GNG11</i>	0.903484	0.374196	2.41447	0.01575812	NA
<i>CNOT1</i>	-0.259623	0.107588	-2.413135	0.01581596	0.220477139
<i>STARD10</i>	-0.385568	0.15995	-2.410552	0.0159284	NA
<i>CHURC1</i>	0.175808	0.072977	2.409091	0.01599231	0.22194853
<i>WDR18</i>	-0.361166	0.150015	-2.407536	0.0160606	0.22194853
<i>TOR3A</i>	-0.308968	0.128372	-2.406822	0.016092	0.22194853
<i>MICAL1</i>	-0.325634	0.135318	-2.406426	0.01610947	NA
<i>SAYSD1</i>	0.333674	0.1387	2.405729	0.01614022	0.22194853
<i>WDR83</i>	-0.281258	0.11692	-2.405546	0.01614831	0.22194853
<i>RAB33B</i>	0.620829	0.258085	2.405519	0.0161495	NA
<i>FAM161A</i>	0.498276	0.207158	2.405291	0.01615959	NA
<i>KRT10</i>	-0.340039	0.141472	-2.403581	0.01623538	0.222520185
<i>TAF8</i>	-0.3502	0.145941	-2.399593	0.0164133	0.224330318
<i>CD53</i>	0.193268	0.080611	2.397526	0.01650621	0.224408682
<i>ARID1A</i>	0.331538	0.138289	2.397425	0.01651076	0.224408682
<i>ZNF345</i>	0.43757	0.182628	2.395962	0.01657682	NA
<i>DUSP12</i>	-0.286062	0.119436	-2.395109	0.0166154	0.225205463
<i>TSPAN17</i>	-0.454327	0.189719	-2.394735	0.01663237	NA
<i>CCDC122</i>	-0.555979	0.232249	-2.393891	0.0166707	NA
<i>CXorf40B</i>	0.495943	0.207249	2.39298	0.01671213	NA
<i>PHKG2</i>	-0.328147	0.137191	-2.391904	0.01676122	0.226554276
<i>NUCB2</i>	-0.544639	0.227708	-2.391831	0.01676458	NA
<i>CBLN3</i>	-0.713134	0.298305	-2.390622	0.01681986	NA
<i>COMMD3</i>	-0.25651	0.107391	-2.388559	0.0169146	0.227582354
<i>SRGAP2B</i>	0.652928	0.273396	2.388218	0.0169303	0.227582354
<i>TXLNB</i>	1.174999	0.492096	2.387742	0.01695224	NA
<i>DNMT1</i>	-0.351861	0.147542	-2.38481	0.01708794	0.229072012

<i>TXNDC11</i>	0.396606	0.166352	2.384134	0.01711938	NA
<i>SNRPB</i>	-0.184089	0.077262	-2.382673	0.01718745	0.22946159
<i>PIK3CD.AS1</i>	-0.87956	0.369179	-2.382477	0.01719661	NA
<i>HLA.C</i>	-0.463901	0.194788	-2.381563	0.01723937	0.22946159
<i>EVI2A</i>	0.473635	0.198908	2.381171	0.01725769	0.22946159
<i>OSGEPL1</i>	0.469026	0.196995	2.380898	0.01727048	NA
<i>ENSG00000268400</i>	-1.498302	0.629528	-2.380039	0.01731082	NA
<i>XPO5</i>	-0.719274	0.302277	-2.379515	0.01733542	NA
<i>TCTN2</i>	-0.883452	0.371296	-2.379374	0.01734205	NA
<i>RBAK.RBAKDN</i>	0.68464	0.287818	2.378729	0.01737245	NA
<i>SLBP</i>	0.485784	0.204244	2.378447	0.01738574	0.230537765
<i>RPS4X</i>	0.262034	0.11032	2.375218	0.01753858	0.231548941
<i>MOB4</i>	0.21705	0.091396	2.374838	0.01755664	0.231548941
<i>SEZ6</i>	-0.62298	0.262478	-2.373452	0.0176227	NA
<i>ENSG00000198106</i>	-0.33641	0.141802	-2.372397	0.01767311	0.232458438
<i>MPND</i>	-1.03488	0.436724	-2.369642	0.01780529	NA
<i>SUSD3</i>	0.334266	0.141122	2.368633	0.01785398	0.234207785
<i>TPRA1</i>	0.642237	0.271297	2.367286	0.01791908	NA
<i>MYBL2</i>	-1.412934	0.596871	-2.367236	0.01792152	NA
<i>SLTM</i>	0.173806	0.073447	2.366406	0.01796171	0.234991059
<i>ZNF232</i>	0.476996	0.201852	2.3631	0.01812278	NA
<i>SRSF11</i>	0.203342	0.086127	2.360957	0.01822785	0.237837043
<i>MBLAC1</i>	-1.210656	0.512967	-2.360104	0.01826983	NA
<i>DUS3L</i>	-0.448706	0.190377	-2.356929	0.01842677	NA
<i>METTL8</i>	0.726364	0.308189	2.356878	0.01842929	0.239825825
<i>ACAP1</i>	0.300548	0.127708	2.353392	0.01860303	0.241296592
<i>IGHA1</i>	-0.552741	0.234946	-2.352635	0.01864094	0.241296592
<i>DOCK8</i>	0.292542	0.124726	2.345467	0.01900326	0.245337584
<i>DRG2</i>	-0.291938	0.124598	-2.34304	0.01912735	0.246289816
<i>ICA1L</i>	-0.450706	0.192484	-2.341527	0.01920503	0.246640996
<i>NAA60</i>	-0.383607	0.1639	-2.340495	0.01925818	0.246676132
<i>MUC20.OT1</i>	-0.293479	0.125565	-2.337273	0.01942498	0.248162998
<i>CLPP</i>	-0.211328	0.09048	-2.335634	0.01951033	0.248604245
<i>PTBP1</i>	-0.279724	0.11984	-2.334137	0.01958856	0.248952839
<i>LACTB2.AS1</i>	-0.800263	0.343216	-2.331661	0.01971855	NA
<i>UBE2T</i>	0.519094	0.222756	2.330326	0.01978893	NA
<i>FO XK1</i>	-0.352347	0.151267	-2.329303	0.01984304	0.251185624
<i>ZNF564</i>	-0.489022	0.209974	-2.328965	0.01986094	NA
<i>KRIT1</i>	0.338284	0.145303	2.328129	0.01990524	0.251185624
<i>NDUFA1</i>	-0.144179	0.061936	-2.327884	0.01991826	0.251185624
<i>RPS27A</i>	0.155948	0.067051	2.325811	0.02002863	0.251928234
<i>FBXL22</i>	0.805855	0.346575	2.325194	0.02006156	NA
<i>RPS14</i>	0.212395	0.091366	2.324657	0.02009029	0.252055916
<i>CYP3A5</i>	0.521592	0.22458	2.322517	0.02020511	NA
<i>LRRC8A</i>	0.71105	0.306187	2.322274	0.02021818	NA
<i>LTA4H</i>	0.310699	0.133827	2.321646	0.02025202	0.252897875
<i>GYPC</i>	0.181567	0.078215	2.321378	0.02026644	0.252897875

<i>DHX40</i>	-0.536479	0.231115	-2.321267	0.02027243	NA
<i>PSMB3</i>	-0.186209	0.080268	-2.319845	0.02034927	0.252897875
<i>NKAPL</i>	-1.088834	0.469404	-2.319609	0.02036206	NA
<i>DDX21</i>	0.188854	0.081417	2.31957	0.02036415	0.252897875
<i>ENSG00000270659</i>	-0.674386	0.290772	-2.319294	0.02037908	NA
<i>FRG1</i>	-0.183293	0.079105	-2.31709	0.02049883	0.25392604
<i>CABLES1</i>	-0.897406	0.387923	-2.313363	0.0207027	NA
<i>NP1PB11</i>	-1.145564	0.495286	-2.312936	0.02072614	NA
<i>ARIH2OS</i>	-0.425634	0.184083	-2.312181	0.02076771	NA
<i>MYL6</i>	-0.148029	0.064032	-2.311803	0.02078853	0.256838118
<i>RPL22</i>	0.124476	0.053896	2.309568	0.02091208	0.256838118
<i>RPS3</i>	0.167087	0.072354	2.309297	0.02092713	0.256838118
<i>SEC13</i>	-0.333994	0.144649	-2.308995	0.02094388	0.256838118
<i>TMEM140</i>	0.444785	0.192677	2.308452	0.020974	NA
<i>ENSG00000226571</i>	1.196915	0.518634	2.307822	0.02100904	NA
<i>MARCHF1</i>	0.290273	0.125793	2.307549	0.02102421	0.257178696
<i>MSL3</i>	0.286326	0.124159	2.306124	0.02110372	0.257499905
<i>RPL7</i>	0.179694	0.077952	2.305194	0.02115573	0.257499905
<i>ST3GAL6</i>	-1.521413	0.660082	-2.304883	0.02117312	NA
<i>BHLHE40</i>	-0.465646	0.202114	-2.303879	0.02122942	0.257755692
<i>RARA</i>	-0.355178	0.154287	-2.302056	0.02133204	0.258360597
<i>KCTD17</i>	-0.433665	0.188599	-2.299406	0.02148189	NA
<i>POLR2B</i>	-0.246923	0.107426	-2.298536	0.02153129	0.259454462
<i>PFKL</i>	-0.235724	0.102556	-2.298492	0.02153381	0.259454462
<i>COL9A3</i>	-0.960622	0.418088	-2.297655	0.02158144	0.259454462
<i>RTL10</i>	0.678327	0.295234	2.297589	0.02158518	NA
<i>B3GNT7</i>	-0.816925	0.356391	-2.292219	0.02189304	NA
<i>HAGHL</i>	0.355292	0.155036	2.291674	0.02192446	0.262932262
<i>RTL8C</i>	-0.508968	0.222147	-2.291135	0.02195561	NA
<i>MMP7</i>	-1.844977	0.80539	-2.290787	0.02197573	NA
<i>TMEM60</i>	0.343031	0.149786	2.290143	0.02201304	0.263132239
<i>ENSG00000235078</i>	0.45469	0.19858	2.28971	0.02203815	NA
<i>MRPS15</i>	-0.206158	0.090044	-2.289528	0.02204869	0.263132239
<i>CLIC4</i>	-0.36264	0.158495	-2.288025	0.02213606	0.26353222
<i>TNFAIP1</i>	0.472304	0.206446	2.287785	0.02215004	NA
<i>KLHL8</i>	0.410014	0.179294	2.286826	0.02220601	NA
<i>ENSG00000267390</i>	0.434521	0.190177	2.284826	0.02232305	NA
<i>PDE4D</i>	-1.042291	0.456879	-2.28133	0.02252893	NA
<i>STK38L</i>	-0.476664	0.209065	-2.279976	0.0226091	NA
<i>DHX9</i>	-0.242077	0.106184	-2.279783	0.02262056	0.26864665
<i>HLA.F</i>	-0.357597	0.156989	-2.277842	0.02273601	0.269267721
<i>DHX15</i>	0.313154	0.137535	2.276906	0.02279186	0.269267721
<i>FDX2</i>	-0.344718	0.151438	-2.276293	0.02282846	NA
<i>IFT57</i>	0.463853	0.20379	2.276135	0.02283795	0.269267721
<i>PIGF</i>	0.390657	0.171642	2.275992	0.02284651	NA
<i>HSD17B7</i>	0.334744	0.147133	2.275117	0.02289891	0.269337356
<i>ZNF585A</i>	0.482038	0.211967	2.274123	0.02295858	NA

<i>ENOSF1</i>	1.10238	0.48515	2.272247	0.02307157	NA
<i>LINC01250</i>	-2.270184	0.999293	-2.27179	0.02309922	NA
<i>ZNF704</i>	-1.167461	0.514078	-2.27098	0.02314822	NA
<i>NUP43</i>	0.330958	0.14577	2.270415	0.02318244	NA
<i>HDAC9</i>	-0.516153	0.227345	-2.270345	0.02318666	NA
<i>APPL2</i>	-0.54794	0.241625	-2.267733	0.02334546	NA
<i>G6PC3</i>	-0.533845	0.23543	-2.26753	0.02335787	NA
<i>ADAM28</i>	0.319272	0.140846	2.266819	0.02340128	0.274501693
<i>SORL1</i>	-0.345991	0.152687	-2.26602	0.02345018	0.274501693
<i>DOK1</i>	0.429448	0.189612	2.264882	0.02351994	0.274661282
<i>THAP9.AS1</i>	-0.443426	0.195998	-2.262396	0.02367296	0.275359084
<i>LMO4</i>	0.362146	0.160094	2.262083	0.02369225	0.275359084
<i>ZNF707</i>	-0.530556	0.23477	-2.259895	0.02382778	NA
<i>GPM6B</i>	0.301194	0.133327	2.259062	0.02387955	0.276878244
<i>UGT8</i>	0.605173	0.268747	2.251827	0.02433319	NA
<i>CIZ1</i>	-0.25951	0.115287	-2.250997	0.0243857	0.282078587
<i>CLNS1A</i>	0.386815	0.171962	2.249419	0.02448586	0.282569158
<i>ZNF100</i>	-0.558243	0.248298	-2.24828	0.02455837	NA
<i>CSE1L</i>	0.389061	0.173074	2.247952	0.02457925	NA
<i>IFIT5</i>	0.384217	0.170986	2.247069	0.02463562	NA
<i>APOBEC3H</i>	-1.064776	0.473937	-2.246659	0.02466186	NA
<i>SPATC1L</i>	-0.553716	0.246502	-2.24629	0.02468547	0.283400481
<i>FNIP1</i>	-0.336788	0.149948	-2.246027	0.02470229	0.283400481
<i>RFC4</i>	0.468067	0.208403	2.245969	0.024706	NA
<i>SNHG32</i>	0.197083	0.087765	2.245569	0.02473166	0.283400481
<i>ABHD5</i>	-0.833997	0.371713	-2.243658	0.02485444	NA
<i>FLYWCH2</i>	-0.270263	0.120571	-2.241528	0.0249919	0.285237149
<i>EXOSC8</i>	0.228365	0.101891	2.241271	0.02500853	0.285237149
<i>COCH</i>	-0.797252	0.355866	-2.240317	0.02507032	NA
<i>FADS2</i>	-1.343051	0.599647	-2.239737	0.02510797	NA
<i>CYB561D2</i>	-0.272959	0.121945	-2.238384	0.02519603	0.28670734
<i>ZDHHC19</i>	1.12934	0.505013	2.236259	0.02533483	NA
<i>PTPRJ</i>	-0.889542	0.397792	-2.236198	0.02533883	NA
<i>UBE2I</i>	-0.126909	0.056771	-2.23545	0.02538783	0.28821965
<i>DDX23</i>	0.363832	0.162756	2.235449	0.0253879	NA
<i>UBC</i>	-0.197142	0.088234	-2.234315	0.02546238	0.288396818
<i>ENSG00000272758</i>	0.780669	0.349446	2.234021	0.02548171	NA
<i>LINC01473</i>	0.440806	0.197337	2.233774	0.02549792	NA
<i>LINC00662</i>	0.323213	0.144876	2.23097	0.02568311	0.29022505
<i>ATP6VOA1</i>	0.444768	0.200004	2.223793	0.0261624	0.294806271
<i>CDC42SE1</i>	-0.183925	0.082734	-2.223101	0.02620902	0.294806271
<i>TERF2IP</i>	0.335644	0.151043	2.222183	0.02627091	0.294824684
<i>BARD1</i>	0.375982	0.169276	2.221109	0.02634357	NA
<i>ENSG00000246528</i>	-0.910668	0.410901	-2.216271	0.02667292	NA
<i>DBNL</i>	-0.245929	0.110986	-2.215865	0.02670076	0.298221121
<i>THUMPD3.AS1</i>	-0.221265	0.099858	-2.215805	0.02670486	0.298221121
<i>CEBPZOS</i>	0.251411	0.113501	2.215053	0.0267564	0.298221121

<i>NUDT9</i>	0.391853	0.176984	2.214066	0.02682424	NA
<i>HNRNPDL</i>	-0.1963	0.088693	-2.213255	0.02688006	0.298918461
<i>JAK3</i>	-0.447233	0.202231	-2.211493	0.02700172	0.299590519
<i>CEMIP2</i>	0.626002	0.283166	2.210726	0.0270548	NA
<i>ZNF202</i>	-0.597289	0.270448	-2.208522	0.0272079	NA
<i>RIMKLB</i>	-0.433035	0.196092	-2.208323	0.0272218	NA
<i>LAPTM5</i>	-0.193666	0.087748	-2.207066	0.02730942	0.30163334
<i>CDC37L1.DT</i>	-0.766702	0.347538	-2.206095	0.02737734	NA
<i>UROD</i>	-0.323647	0.146724	-2.205816	0.02739687	0.30163334
<i>WDR45</i>	-0.248931	0.112886	-2.205157	0.0274431	0.30163334
<i>ATF4</i>	-0.224464	0.1018	-2.204952	0.0274575	0.30163334
<i>GM2A</i>	0.588649	0.26703	2.204431	0.02749407	0.30163334
<i>ENSG00000229043</i>	-1.046519	0.475002	-2.203185	0.02758168	NA
<i>GID8</i>	-0.208247	0.094578	-2.20186	0.02767523	0.302941574
<i>TIGD7</i>	0.620404	0.281895	2.200832	0.02774789	NA
<i>PIGX</i>	-0.442382	0.201094	-2.199872	0.02781595	NA
<i>NACA</i>	0.123785	0.056272	2.199757	0.02782413	0.303755203
<i>SMARCE1</i>	-0.162353	0.073855	-2.198284	0.02792888	0.303755203
<i>AAK1</i>	-0.774193	0.352276	-2.197691	0.02797115	NA
<i>ZNF441</i>	-0.400555	0.182268	-2.197618	0.02797637	0.303755203
<i>GLS</i>	0.322473	0.146803	2.196642	0.02804602	0.303755203
<i>GNB5</i>	0.21374	0.097355	2.195471	0.0281298	0.303755203
<i>MS4A1</i>	-0.22316	0.101683	-2.194677	0.02818678	0.303755203
<i>RNF26</i>	-0.288738	0.131593	-2.19418	0.02822249	0.303755203
<i>DEF6</i>	0.292517	0.133335	2.19385	0.02824619	0.303755203
<i>APOBEC3D</i>	-0.315532	0.143874	-2.193108	0.02829963	NA
<i>FKBP5</i>	0.816423	0.372422	2.192201	0.02836503	NA
<i>DHFR2</i>	0.485969	0.221753	2.191487	0.02841659	NA
<i>VPS8</i>	0.315313	0.14389	2.191344	0.02842693	0.305028478
<i>GPR137</i>	-0.399115	0.182239	-2.190062	0.02851977	0.305355017
<i>RGS3</i>	0.875666	0.400127	2.18847	0.02863537	NA
<i>CHCHD4</i>	0.417232	0.190671	2.188233	0.02865264	NA
<i>LINC00513</i>	0.397351	0.181706	2.186782	0.02875843	0.306493047
<i>NOP53</i>	0.162702	0.074492	2.184145	0.02895158	0.306493047
<i>PPP1CB</i>	-0.25084	0.114846	-2.18414	0.02895198	0.306493047
<i>NFKBID</i>	-0.239415	0.109631	-2.183818	0.02897559	0.306493047
<i>INTS13</i>	0.457411	0.209482	2.183539	0.02899612	NA
<i>CTNS</i>	-0.572562	0.2623	-2.18285	0.02904688	NA
<i>RBM5</i>	0.202909	0.092969	2.182534	0.02907017	0.306493047
<i>ZNF580</i>	-0.227377	0.104184	-2.182461	0.0290755	0.306493047
<i>XPO4</i>	-0.389606	0.178599	-2.181451	0.02915008	NA
<i>NECAP2</i>	-0.291372	0.133576	-2.181325	0.02915939	0.306493047
<i>TGIF1</i>	0.322906	0.148051	2.18105	0.02917973	0.306493047
<i>ACSF3</i>	0.394953	0.181095	2.180914	0.02918981	0.306493047
<i>TFAP4</i>	0.338841	0.155546	2.178399	0.02937636	NA
<i>PFN1</i>	-0.113685	0.052193	-2.178163	0.02939391	0.306835784
<i>RPLP1</i>	0.194731	0.089417	2.177775	0.02942281	0.306835784

<i>FAM91A1</i>	0.348292	0.159976	2.177145	0.02946974	0.306835784
<i>WDR13</i>	-0.313403	0.143954	-2.177098	0.02947329	0.306835784
<i>SYNGAP1.AS1</i>	0.747139	0.343272	2.176519	0.02951644	NA
<i>UBE3A</i>	0.243435	0.111894	2.175593	0.02958572	0.307352291
<i>EXOC3.AS1</i>	-0.475859	0.218915	-2.173718	0.02972633	NA
<i>AGMAT</i>	0.577239	0.266013	2.169967	0.03000932	NA
<i>PSMC3</i>	-0.262537	0.121005	-2.169646	0.03003364	0.311344458
<i>FANCL</i>	0.486886	0.224458	2.169163	0.03007033	NA
<i>ATXN7L2</i>	-0.881663	0.406456	-2.169145	0.0300717	NA
<i>C14orf119</i>	0.209356	0.09657	2.167919	0.03016485	0.312043549
<i>MRPL35</i>	0.328154	0.151539	2.165476	0.03035126	NA
<i>C1GALT1</i>	0.339615	0.156834	2.165441	0.03035393	0.31333709
<i>SIVA1</i>	0.171268	0.079123	2.164569	0.0304207	0.313365211
<i>PAN3</i>	0.196186	0.090725	2.162428	0.03058518	0.314118511
<i>SLC4A7</i>	0.408706	0.189045	2.161948	0.03062222	0.314118511
<i>MICU3</i>	0.655942	0.303574	2.160732	0.03071602	NA
<i>BLOC1S1</i>	-0.187987	0.087022	-2.160235	0.03075448	0.314815187
<i>ALDH3A2</i>	0.903694	0.418366	2.160059	0.03076811	NA
<i>CRYZ</i>	0.641427	0.297035	2.159431	0.03081673	NA
<i>VT1A</i>	-0.330815	0.153198	-2.159392	0.03081981	NA
<i>BAD</i>	-0.280777	0.130108	-2.158025	0.03092592	0.315909234
<i>LINC00672</i>	0.60809	0.281817	2.157751	0.03094716	NA
<i>PYHIN1</i>	1.014773	0.470429	2.157122	0.03099616	NA
<i>NPHP3</i>	0.408426	0.189413	2.156272	0.03106242	0.316233297
<i>TTC21A</i>	0.280964	0.13032	2.155959	0.0310869	0.316233297
<i>MIR34AHG</i>	-1.868089	0.86687	-2.154983	0.03116316	NA
<i>AUP1</i>	-0.198407	0.092244	-2.150904	0.03148374	0.318971913
<i>ICAM3</i>	0.23375	0.108718	2.150063	0.03155023	0.318971913
<i>MANF</i>	0.280768	0.130625	2.149416	0.03160142	0.318971913
<i>DAAM1</i>	-0.325029	0.151269	-2.148677	0.03166	0.318971913
<i>TMEM138</i>	-0.308735	0.143705	-2.148399	0.03168207	0.318971913
<i>OAT</i>	0.421171	0.19604	2.148391	0.03168272	NA
<i>GRAP</i>	0.393	0.183012	2.147396	0.03176173	0.31911738
<i>L1TD1</i>	-0.767604	0.357539	-2.146911	0.0318004	NA
<i>NFS1</i>	0.898964	0.418836	2.146339	0.03184598	NA
<i>TMSB4Y</i>	-1.259929	0.587045	-2.146223	0.03185517	NA
<i>SSU72</i>	-0.215261	0.100372	-2.144645	0.03198122	0.320664146
<i>USP53</i>	0.990879	0.462225	2.143713	0.03205587	NA
<i>NFU1</i>	-0.229121	0.106919	-2.14293	0.03211868	0.32138387
<i>PDE3B</i>	-0.465589	0.217781	-2.137882	0.03252631	0.324672224
<i>TEX30</i>	0.335917	0.157175	2.137217	0.03258038	NA
<i>ARID4B</i>	0.141121	0.06606	2.136267	0.03265766	0.324672224
<i>ZMAT3</i>	-0.306232	0.143374	-2.135893	0.03268813	0.324672224
<i>LYRM2</i>	-0.184382	0.086338	-2.135591	0.03271273	0.324672224
<i>C12orf76</i>	0.283776	0.132961	2.134275	0.03282032	0.325080567
<i>FYN</i>	0.541641	0.253856	2.133653	0.03287119	NA
<i>DCTN4</i>	-0.467705	0.219244	-2.133257	0.03290367	NA

<i>OGT</i>	0.361733	0.169584	2.133058	0.03291998	0.325408992
<i>SNHG9</i>	-0.335347	0.157346	-2.131268	0.03306704	0.325777956
<i>MARCHF6</i>	0.162642	0.076322	2.130984	0.03309047	0.325777956
<i>ITM2A</i>	0.903738	0.424297	2.129969	0.03317421	NA
<i>ZC3H18</i>	0.266024	0.124934	2.129319	0.03322785	0.325850903
<i>PLPBP</i>	0.237014	0.111312	2.12928	0.03323107	0.325850903
<i>BAG2</i>	0.415234	0.195204	2.127177	0.0334054	NA
<i>CDCA4</i>	0.455255	0.214039	2.126974	0.03342225	NA
<i>ZMIZ2</i>	-0.387629	0.182345	-2.125798	0.0335201	0.327630066
<i>ABCB4</i>	0.249472	0.117372	2.125482	0.03354643	0.327630066
<i>GTF2IRD2</i>	-0.407263	0.191798	-2.12339	0.03372121	0.328680999
<i>ENSG00000273466</i>	1.453839	0.684786	2.123054	0.03374934	NA
<i>C6orf203</i>	0.396694	0.186902	2.122477	0.03379774	NA
<i>PSMG3</i>	-0.431164	0.203437	-2.119402	0.03405651	0.331218411
<i>GABARAP</i>	-0.301618	0.142361	-2.118687	0.03411692	0.331218411
<i>SHKBP1</i>	-0.321995	0.152074	-2.117358	0.03422944	0.331652777
<i>MAP3K8</i>	-0.446497	0.211197	-2.114123	0.03450478	0.332962665
<i>SYNC</i>	-0.416678	0.197196	-2.113013	0.03459964	0.332962665
<i>COL19A1</i>	-0.362375	0.171503	-2.112931	0.03460665	0.332962665
<i>ATP5ME</i>	-0.135501	0.064146	-2.112393	0.03465271	0.332962665
<i>TMEM99</i>	0.477762	0.226228	2.111855	0.03469888	NA
<i>FCRLA</i>	0.333993	0.158157	2.111785	0.03470488	0.332962665
<i>NKILA</i>	0.811093	0.384564	2.109126	0.03493368	NA
<i>TRMT112</i>	0.187818	0.089066	2.108745	0.03496664	0.334817561
<i>ARHGAP18</i>	0.801295	0.380135	2.107925	0.03503752	NA
<i>FADS1</i>	-0.462327	0.21937	-2.107519	0.03507264	NA
<i>NDUFA3</i>	-0.256226	0.121599	-2.107142	0.03510529	0.335302133
<i>FARSA</i>	0.254352	0.120742	2.106577	0.0351543	0.335302133
<i>SRRM2</i>	-0.122441	0.058215	-2.103238	0.03544494	0.336055695
<i>YAE1</i>	0.605166	0.287763	2.102999	0.0354659	NA
<i>JUNB</i>	-0.249411	0.118602	-2.102927	0.03547212	0.336055695
<i>FAM216A</i>	0.383834	0.182535	2.102797	0.03548348	NA
<i>RPL10A</i>	0.199442	0.094869	2.102281	0.03552864	0.336055695
<i>EPB41L2</i>	-0.405236	0.192767	-2.102204	0.03553541	0.336055695
<i>ATG4C</i>	0.303164	0.144295	2.101005	0.03564051	0.336055695
<i>LTBP3</i>	0.268363	0.127734	2.10095	0.03564539	0.336055695
<i>CCL5</i>	-1.23367	0.587379	-2.100294	0.03570295	NA
<i>ENSG00000270820</i>	0.613259	0.292182	2.098889	0.03582665	NA
<i>CRY1</i>	-0.526017	0.250629	-2.098787	0.03583565	NA
<i>PRDM8</i>	-0.588434	0.280392	-2.098614	0.03585095	NA
<i>SAR1B</i>	0.392969	0.187261	2.098511	0.03586005	0.337141063
<i>SLC38A11</i>	1.210203	0.576858	2.097923	0.03591194	NA
<i>CFLAR</i>	0.263405	0.125578	2.097544	0.03594545	0.337141063
<i>IDH2</i>	-0.254533	0.121363	-2.097298	0.03596723	0.337141063
<i>MRPS11</i>	-0.207918	0.099215	-2.095621	0.03611583	0.337419276
<i>DDX6</i>	-0.271711	0.12967	-2.095407	0.03613483	0.337419276
<i>HIST1H2BN</i>	0.723943	0.345629	2.094566	0.03620962	NA

STK16	-0.229098	0.109468	-2.092832	0.0363642	0.337790199
SLC2A1	-0.27136	0.129728	-2.091755	0.03646046	0.337790199
CNIH4	0.275036	0.131552	2.090705	0.03655455	0.337790199
AQR	0.260539	0.124642	2.090295	0.03659131	0.337790199
TRIM44	0.20624	0.098668	2.09023	0.03659711	0.337790199
ERP29	0.13541	0.064784	2.090168	0.03660275	0.337790199
CCDC107	-0.200192	0.095808	-2.089515	0.03666135	0.337790199
MAPRE2	0.339325	0.162468	2.088563	0.03674708	0.337790199
TFDP2	-0.261709	0.125338	-2.088022	0.03679587	0.337790199
SRP19	-0.172345	0.082585	-2.086884	0.03689864	0.338099296
RASSF1	0.218847	0.10492	2.085833	0.03699374	0.338337138
NCBP1	-0.504233	0.241808	-2.085261	0.03704557	NA
FBXO36	-1.145428	0.549595	-2.084131	0.0371483	NA
ENSG00000277007	0.760875	0.365099	2.084023	0.03715808	NA
PCNX4	0.322904	0.154948	2.083948	0.03716492	0.338755039
SERP1	0.112403	0.053941	2.083805	0.0371779	0.338755039
WSB2	-0.60955	0.29268	-2.082654	0.03728278	NA
PNPLA7	0.556353	0.26729	2.081459	0.03739195	NA
GGCX	-0.368852	0.177306	-2.080305	0.03749753	NA
WDR11	-0.277185	0.133407	-2.077741	0.03773319	0.342774417
MED25	-0.38109	0.183494	-2.076855	0.03781496	0.342774417
ZNF667.AS1	0.400422	0.192816	2.076701	0.03782918	0.342774417
RPL27	0.133333	0.064259	2.074934	0.03799267	0.343619444
SNED1	-1.123316	0.541385	-2.074894	0.03799636	NA
AKTIP	0.521581	0.251456	2.074244	0.03805669	NA
NAB2	0.79764	0.384972	2.071941	0.0382709	NA
PTGES3	0.171657	0.082849	2.071937	0.03827134	0.345501236
THRB	2.002988	0.966801	2.07177	0.03828691	NA
YTHDC1	0.175121	0.084628	2.069289	0.038519	0.347096649
CCDC157	-0.7678	0.371183	-2.068518	0.03859134	NA
WASF1	-0.544075	0.263085	-2.068055	0.03863482	NA
TUBB4B	0.427345	0.206764	2.066824	0.03875073	0.347673644
ATP8A1	-0.310724	0.150357	-2.066574	0.03877433	0.347673644
ENSG00000258297	-0.334702	0.161963	-2.066529	0.03877852	NA
SLC43A2	-0.214103	0.103614	-2.066342	0.0387962	0.347673644
IRAK1	-0.461991	0.223597	-2.066173	0.03881217	NA
N6AMT1	0.593487	0.287371	2.06523	0.03890129	NA
EIF5	0.128413	0.062195	2.064669	0.03895433	0.348175087
PTRH1	-0.359785	0.174269	-2.064545	0.03896607	NA
ARL11	0.486967	0.235905	2.064245	0.03899447	0.348175087
WBP1L	-0.326554	0.158211	-2.064045	0.03901348	NA
TMEM177	-0.608039	0.294746	-2.062928	0.03911951	NA
SYNJ2BP	0.225364	0.10932	2.061506	0.03925479	0.349860969
WDR89	0.368041	0.178542	2.061373	0.03926751	NA
LINGO3	-0.488141	0.236809	-2.061333	0.03927131	NA
WDR34	-0.307586	0.149274	-2.060554	0.03934562	0.350032955
LINC00562	-0.876489	0.42553	-2.059758	0.03942167	NA



<i>CHD1</i>	0.199472	0.096873	2.059102	0.03948451	0.350537667
<i>LINC01184</i>	0.30932	0.150308	2.057907	0.03959902	NA
<i>FAM117B</i>	-0.390653	0.189837	-2.05784	0.03960545	0.350537667
<i>AMD1</i>	0.219065	0.106464	2.057643	0.03962438	0.350537667
<i>OR2A1.AS1</i>	-0.903568	0.439145	-2.05756	0.03963242	NA
<i>ENSG00000244459</i>	0.454549	0.220972	2.057042	0.03968215	NA
<i>MRNIP</i>	0.249678	0.121386	2.056903	0.0396956	0.350537667
<i>PCGF1</i>	-0.619752	0.301409	-2.056184	0.03976477	NA
<i>MYNN</i>	0.342994	0.166841	2.055813	0.03980058	NA
<i>ACCS</i>	0.704202	0.342662	2.05509	0.03987029	NA
<i>MFSD13A</i>	-0.595192	0.289625	-2.055046	0.03987457	NA
<i>ZNF318</i>	0.424584	0.206615	2.054948	0.03988402	0.350537667
<i>PRCD</i>	1.005907	0.489512	2.054917	0.03988701	NA
<i>ENSG00000267939</i>	-1.514017	0.736942	-2.05446	0.03993119	NA
<i>PCF11</i>	0.173448	0.084427	2.054408	0.03993623	0.350537667
<i>CISD2</i>	0.226925	0.110466	2.054257	0.0399508	0.350537667
<i>CIAO2B</i>	0.135959	0.066205	2.053605	0.04001391	0.350537667
<i>PSMA4</i>	-0.153836	0.074923	-2.053263	0.04004712	0.350537667
<i>MTMR6</i>	-0.357768	0.174268	-2.05297	0.04007547	NA
<i>MBNL1</i>	-0.155684	0.075887	-2.051531	0.04021529	0.351191722
<i>MED28</i>	0.150678	0.073465	2.051016	0.04026539	0.351191722
<i>TMX2</i>	0.453229	0.221065	2.050211	0.04034386	0.351250049
<i>OSGIN2</i>	0.556272	0.27141	2.049563	0.04040713	NA
<i>SNAP23</i>	-0.185228	0.090423	-2.048462	0.04051478	0.352111603
<i>CCDC71</i>	-0.336216	0.16432	-2.046107	0.04074586	NA
<i>LAMTOR3</i>	0.301822	0.147561	2.045407	0.04081478	0.353803136
<i>ENSG00000274265</i>	-0.291366	0.142476	-2.045008	0.04085403	0.353803136
<i>ENSG00000226644</i>	-1.948206	0.953322	-2.043596	0.04099346	NA
<i>SNRPA1</i>	-0.193406	0.094693	-2.042456	0.04110637	0.355274877
<i>SETDB2</i>	-0.373755	0.183112	-2.041126	0.04123831	0.355274877
<i>STMN1</i>	-0.300985	0.147463	-2.041091	0.0412418	0.355274877
<i>GPR137B</i>	0.724951	0.355292	2.040434	0.04130708	NA
<i>ENSG00000276509</i>	0.438521	0.215074	2.038931	0.04145688	NA
<i>ADCK1</i>	-0.918081	0.450328	-2.038695	0.0414805	NA
<i>ASAH1</i>	0.255154	0.125184	2.038236	0.04152637	0.357097544
<i>SWAP70</i>	0.187523	0.092085	2.036417	0.0417085	0.357779075
<i>ANAPC15</i>	-0.322941	0.158617	-2.035985	0.04175186	0.357779075
<i>ZKSCAN4</i>	0.58723	0.288507	2.035412	0.04180939	NA
<i>CLEC16A</i>	-0.483199	0.237403	-2.035348	0.04181585	NA
<i>PPP5C</i>	-0.513872	0.252595	-2.034373	0.04191404	NA
<i>TMSB10</i>	-0.169801	0.083503	-2.033466	0.04200549	0.359323192
<i>ENSG00000261669</i>	0.789415	0.388459	2.032174	0.04213604	NA
<i>S100A13</i>	-0.719974	0.354324	-2.031963	0.0421574	NA
<i>KLHDC7B</i>	-0.68298	0.336208	-2.031421	0.04221227	NA
<i>LSR</i>	0.774424	0.381431	2.030312	0.04232483	NA
<i>VASH1</i>	-1.561613	0.769268	-2.029998	0.04235672	NA
<i>ASB16.AS1</i>	0.324484	0.159889	2.029427	0.04241479	NA

<i>DDX55</i>	0.352222	0.173683	2.027953	0.04256507	NA
<i>RASA2</i>	0.285232	0.14068	2.02752	0.04260929	0.362790343
<i>JTB</i>	-0.100343	0.049505	-2.02695	0.04266748	0.362790343
<i>EIF3J.DT</i>	0.222961	0.110011	2.026714	0.04269162	0.362790343
<i>UNC45A</i>	-0.302401	0.149219	-2.02656	0.04270739	0.362790343
<i>TAPBPL</i>	0.394635	0.194955	2.024241	0.04294541	0.363968582
<i>TENT4B</i>	0.426684	0.210818	2.023949	0.0429754	NA
<i>MPV17</i>	0.284802	0.140798	2.022771	0.04309678	0.363968582
<i>HIF1A</i>	0.212589	0.105106	2.02261	0.04311333	0.363968582
<i>USF1</i>	-0.655907	0.324307	-2.022485	0.04312623	NA
<i>SLC2A14</i>	-3.245464	1.604725	-2.022442	0.04313069	NA
<i>TMX4</i>	-0.307133	0.15194	-2.021409	0.04323746	0.363968582
<i>CD3G</i>	-2.604577	1.288512	-2.021385	0.04323998	NA
<i>RPS6KB2</i>	-0.209756	0.103778	-2.021194	0.04325969	0.363968582
<i>XRRA1</i>	-0.587078	0.290507	-2.020878	0.0432924	0.363968582
<i>GRK2</i>	0.240396	0.119003	2.02009	0.04337402	0.364029253
<i>MRPS36</i>	0.249804	0.123859	2.016843	0.04371187	0.366236594
<i>PSMD9</i>	-0.236012	0.117099	-2.015497	0.04385265	0.366788069
<i>RNF144B</i>	0.705911	0.350565	2.013638	0.04404757	NA
<i>IGHA2</i>	-0.877752	0.435938	-2.013482	0.04406398	NA
<i>DNASE1</i>	0.288262	0.14317	2.013429	0.04406952	0.367972987
<i>C15orf41</i>	-0.748959	0.37202	-2.013223	0.04409114	NA
<i>THG1L</i>	0.428212	0.212839	2.011903	0.04423013	0.368684879
<i>TMBIM6</i>	-0.127894	0.063604	-2.010791	0.04434752	0.369034717
<i>ZNF610</i>	1.261166	0.627364	2.010261	0.04440358	NA
<i>CEP85L</i>	0.639366	0.318148	2.009649	0.0444684	NA
<i>CLDN11</i>	-1.201339	0.598005	-2.008911	0.04454654	NA
<i>IDH1</i>	0.237243	0.118102	2.008803	0.04455803	0.370156968
<i>PRRT3</i>	0.553075	0.275667	2.006314	0.04482279	NA
<i>KYAT3</i>	0.435636	0.217196	2.005726	0.04488553	0.372245622
<i>H3F3C</i>	-0.979094	0.488413	-2.004645	0.04500105	NA
<i>HINT1</i>	0.184085	0.091861	2.003942	0.04507624	0.372521123
<i>AKAP9</i>	0.159574	0.079639	2.003722	0.04509981	0.372521123
<i>PLAC8</i>	0.198523	0.099129	2.002675	0.04521213	0.372521123
<i>PLEKHF1</i>	0.523083	0.261284	2.001973	0.04528764	NA
<i>RALGPS2</i>	0.275388	0.137567	2.001845	0.04530146	0.372521123
<i>ERLIN1</i>	0.571408	0.285494	2.001472	0.04534158	NA
<i>BAX</i>	-0.339753	0.169805	-2.000845	0.04540905	0.372521123
<i>PHF14</i>	0.191864	0.095923	2.000194	0.04547928	0.372521123
<i>SF1</i>	-0.15519	0.077605	-1.999741	0.0455282	0.372521123
<i>CEBPZ</i>	0.213787	0.107002	1.997962	0.04572081	0.372521123
<i>IGKC</i>	-0.318196	0.159269	-1.997848	0.04573311	0.372521123
<i>CERS4</i>	-0.291214	0.145811	-1.997197	0.04580376	0.372521123
<i>ZNF562</i>	-0.236458	0.118396	-1.997188	0.04580478	0.372521123
<i>RPF2</i>	0.271361	0.135919	1.996493	0.04588028	0.372521123
<i>CXorf21</i>	0.288648	0.144596	1.996234	0.04590849	0.372521123
<i>USP5</i>	-0.383487	0.192188	-1.99537	0.04600253	NA

<i>SELENOW</i>	-0.277616	0.139145	-1.995163	0.04602506	0.372610949
<i>HVCN1</i>	-0.201188	0.100869	-1.994549	0.04609209	0.372610949
<i>PLSCR1</i>	-0.297184	0.149084	-1.993406	0.04621705	0.372610949
<i>TACC3</i>	0.312183	0.156641	1.992987	0.04626282	0.372610949
<i>C1orf52</i>	0.224118	0.112472	1.992645	0.04630032	0.372610949
<i>SBNO2</i>	-0.621366	0.311922	-1.992054	0.04636511	NA
<i>FCRL3</i>	-1.05357	0.529041	-1.991471	0.04642917	0.37303437
<i>SLC7A6</i>	0.355313	0.178457	1.991029	0.04647771	NA
<i>WAC</i>	0.1818	0.091381	1.989472	0.04664918	0.374187581
<i>LRRC7</i>	-0.626442	0.314908	-1.989287	0.04666958	NA
<i>ENSG00000258634</i>	-1.012905	0.509289	-1.988863	0.04671633	NA
<i>GPAA1</i>	-0.247995	0.124737	-1.988141	0.0467961	0.374518013
<i>GUK1</i>	-0.187762	0.094518	-1.986531	0.04697437	0.374518013
<i>FBXO25</i>	-0.329246	0.165742	-1.986499	0.04697799	0.374518013
<i>MIB2</i>	0.286571	0.144272	1.986331	0.04699654	0.374518013
<i>ZNF584</i>	0.55274	0.278427	1.985227	0.04711925	NA
<i>SLC2A5</i>	-0.43702	0.220161	-1.985005	0.04714393	0.37500056
<i>KXD1</i>	-0.219631	0.110678	-1.984408	0.04721037	0.37500056
<i>C12orf49</i>	-0.508407	0.25629	-1.983716	0.04728752	0.375004586
<i>CLTA</i>	0.151105	0.076236	1.982064	0.04747204	0.375858695
<i>MRPL38</i>	-0.488016	0.246318	-1.981245	0.0475638	NA
<i>ZNF830</i>	0.229563	0.115879	1.98106	0.04758452	0.376140607
<i>ENTPD1</i>	0.368491	0.186099	1.980075	0.04769515	NA
<i>LY9</i>	0.361945	0.182832	1.979657	0.0477421	0.376228172
<i>PSMD13</i>	-0.215961	0.109094	-1.979592	0.04774938	0.376228172
<i>C17orf58</i>	-0.828588	0.418616	-1.97935	0.04777663	NA
<i>ATP6V0E2</i>	-0.471573	0.238454	-1.977628	0.04797066	NA
<i>GORASP1</i>	0.359941	0.182258	1.974897	0.04827979	NA
<i>MTRF1L</i>	0.45072	0.228277	1.974444	0.04833132	0.379491388
<i>NCF1</i>	-0.15496	0.07853	-1.973248	0.04846736	0.379491388
<i>MOAP1</i>	-0.306584	0.155462	-1.972075	0.04860109	0.379491388
<i>FKBP3</i>	-0.195745	0.099341	-1.970434	0.04878866	0.379491388
<i>SPOCK2</i>	-0.185321	0.094077	-1.969889	0.04885109	0.379491388
<i>ENSG00000272927</i>	-0.575274	0.292074	-1.969613	0.04888276	NA
<i>PTPRC</i>	0.164171	0.083377	1.969021	0.04895071	0.379491388
<i>NFE2L2</i>	0.246302	0.125106	1.968746	0.04898221	0.379491388
<i>C10orf88</i>	0.527299	0.267947	1.967921	0.04907707	NA
<i>TMED2</i>	-0.194692	0.098941	-1.967753	0.04909643	0.379491388
<i>PMF1</i>	-0.233724	0.118784	-1.967644	0.04910899	0.379491388
<i>NSMCE1</i>	-0.266333	0.135418	-1.966742	0.04921302	0.379491388
<i>RHOBTB2</i>	0.823117	0.418569	1.966504	0.04924037	NA
<i>IRAK4</i>	-0.235962	0.119998	-1.966384	0.04925426	0.379491388
<i>PRDX1</i>	0.163638	0.083238	1.965916	0.04930827	0.379491388
<i>PLEKHG1</i>	-0.327123	0.166446	-1.965333	0.04937576	0.379491388
<i>TIMM23</i>	-0.426228	0.216883	-1.965241	0.0493864	NA
<i>PSMB4</i>	-0.153177	0.077946	-1.965166	0.04939501	0.379491388
<i>NRAS</i>	-0.322054	0.163923	-1.964672	0.04945225	0.379491388

<i>MGAT4A</i>	-0.473059	0.240792	-1.964597	0.04946088	NA
<i>FAM222B</i>	0.635691	0.323577	1.964574	0.04946362	NA
<i>SNAPC5</i>	-0.326219	0.166129	-1.963642	0.04957167	0.379491388
<i>TNFRSF13B</i>	0.837147	0.426341	1.963563	0.04958077	0.379491388
<i>IER3</i>	-0.675373	0.344026	-1.963146	0.04962922	NA
<i>MDH2</i>	-0.169608	0.086426	-1.962459	0.04970908	0.379491388
<i>FCMR</i>	0.220933	0.112603	1.962045	0.04975726	0.379491388
<i>RSRC2</i>	0.237868	0.121265	1.961553	0.04981453	0.379491388
<i>MTPN</i>	0.169356	0.086342	1.961454	0.04982603	0.379491388
<i>CPT1A</i>	-0.445588	0.22718	-1.961385	0.04983417	NA
<i>PEX13</i>	0.363368	0.185266	1.961337	0.04983968	NA
<i>SBNO1</i>	0.205894	0.105003	1.960846	0.04989694	0.379491388
<i>TMC6</i>	-0.194462	0.099195	-1.960414	0.04994736	0.379491388

<b>Cluster 5</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>NFKBIA</i>	-0.71892	0.066472	-10.815443	< 2.22e-16	< 2.22e-16
<i>LTB</i>	-1.092821	0.119951	-9.110537	< 2.22e-16	4.67E-16
<i>IL13RA1</i>	-1.515699	0.167368	-9.056083	< 2.22e-16	5.13E-16
<i>NCR3</i>	-1.651037	0.186618	-8.847142	< 2.22e-16	2.56E-15
<i>MARCKSL1</i>	-1.022467	0.13046	-7.83741	4.60E-15	1.05E-11
<i>NCF4</i>	-0.707989	0.091842	-7.708787	1.27E-14	2.41E-11
<i>ENSG00000266844</i>	-1.79307	0.233662	-7.673767	1.67E-14	2.72E-11
<i>NT5C</i>	-0.624744	0.089057	-7.015135	2.30E-12	3.27E-09
<i>COCH</i>	-1.311671	0.189993	-6.903799	5.06E-12	5.85E-09
<i>FNBP1</i>	-0.690901	0.100104	-6.901803	5.13E-12	5.85E-09
<i>CTSH</i>	-0.596976	0.089192	-6.69319	2.18E-11	2.26E-08
<i>COL18A1</i>	-2.216711	0.345756	-6.411198	1.44E-10	1.37E-07
<i>SEC62</i>	0.36247	0.05667	6.396209	1.59E-10	1.40E-07
<i>TEX9</i>	-1.715713	0.268807	-6.382699	1.74E-10	1.40E-07
<i>TAGLN2</i>	-0.566962	0.088958	-6.373399	1.85E-10	1.40E-07
<i>SYNGR2</i>	-0.681794	0.108771	-6.268169	3.65E-10	2.46E-07
<i>MAP3K7CL</i>	-1.180419	0.188346	-6.267298	3.67E-10	2.46E-07
<i>BLNK</i>	0.453643	0.074061	6.125238	9.05E-10	5.73E-07
<i>JPT1</i>	-0.733566	0.120115	-6.10718	1.01E-09	6.08E-07
<i>GLIPR1</i>	0.525834	0.086481	6.08031	1.20E-09	6.83E-07
<i>MARCKS</i>	-0.936965	0.155214	-6.036604	1.57E-09	8.53E-07
<i>IL23A</i>	-1.374582	0.228167	-6.024458	1.70E-09	8.78E-07
<i>PDE4D</i>	-1.415602	0.236425	-5.987523	2.13E-09	1.05E-06
<i>CR1</i>	-1.349354	0.231741	-5.822691	5.79E-09	2.61E-06
<i>CYTIP</i>	0.428279	0.073625	5.817029	5.99E-09	2.61E-06
<i>TCTN1</i>	-1.000957	0.172158	-5.814185	6.09E-09	2.61E-06
<i>CPNE5</i>	-0.878492	0.151155	-5.811852	6.18E-09	2.61E-06
<i>CD40</i>	-0.44205	0.076466	-5.780992	7.43E-09	3.02E-06
<i>GPSM3</i>	-0.271399	0.047247	-5.744309	9.23E-09	3.62E-06
<i>PDE4B</i>	0.597773	0.104822	5.702758	1.18E-08	4.47E-06
<i>MFS10</i>	-0.679551	0.120057	-5.660214	1.51E-08	5.55E-06
<i>LMO4</i>	0.658842	0.116833	5.63918	1.71E-08	6.02E-06
<i>MAL</i>	-2.549903	0.452477	-5.635434	1.75E-08	6.02E-06
<i>PSMB10</i>	-0.488912	0.086967	-5.62182	1.89E-08	6.33E-06
<i>RSRP1</i>	0.463248	0.08278	5.596138	2.19E-08	7.13E-06
<i>ZEB2</i>	0.909023	0.163524	5.558962	2.71E-08	8.58E-06
<i>KLF3</i>	0.735405	0.132995	5.52957	3.21E-08	9.88E-06
<i>AK8</i>	-1.940642	0.354341	-5.476766	4.33E-08	1.30E-05
<i>SAMD12</i>	-2.164757	0.39563	-5.471666	4.46E-08	1.30E-05
<i>RNGTT</i>	-1.123604	0.206787	-5.433616	5.52E-08	1.57E-05
<i>GDPD5</i>	-1.60711	0.296093	-5.427726	5.71E-08	1.58E-05
<i>ENSG00000167414</i>	-2.354116	0.434019	-5.423992	5.83E-08	1.58E-05
<i>LINC00926</i>	-0.569602	0.105633	-5.392254	6.96E-08	1.84E-05
<i>ATF5</i>	-1.472486	0.274234	-5.369446	7.90E-08	2.04E-05
<i>LYPLAL1</i>	-0.841422	0.157202	-5.352487	8.68E-08	2.20E-05
<i>ENSG00000125726</i>	-1.319104	0.246981	-5.340903	9.25E-08	2.25E-05

<i>PPM1K</i>	0.438424	0.082098	5.340248	9.28E-08	2.25E-05
<i>C9orf16</i>	-0.34711	0.065287	-5.316661	1.06E-07	2.51E-05
<i>MIF</i>	-0.464604	0.087502	-5.30965	1.10E-07	2.55E-05
<i>IGHE</i>	-1.649871	0.31125	-5.300791	1.15E-07	2.63E-05
<i>RNF130</i>	1.336643	0.25236	5.296573	1.18E-07	2.63E-05
<i>P2RY8</i>	-0.60655	0.114982	-5.275156	1.33E-07	2.90E-05
<i>PASK</i>	-1.079442	0.205172	-5.261158	1.43E-07	3.04E-05
<i>ATXN1</i>	1.194377	0.227221	5.256467	1.47E-07	3.04E-05
<i>FAM177B</i>	1.398392	0.266041	5.256303	1.47E-07	3.04E-05
<i>RABAC1</i>	0.301912	0.05756	5.245185	1.56E-07	3.17E-05
<i>TENT5A</i>	1.638367	0.312694	5.239527	1.61E-07	3.22E-05
<i>ITGAL</i>	-0.619498	0.119484	-5.184784	2.16E-07	4.25E-05
<i>MRPL54</i>	-0.4646	0.089773	-5.175268	2.28E-07	4.39E-05
<i>DUSP10</i>	1.031837	0.200699	5.141221	2.73E-07	5.18E-05
<i>PFN1</i>	-0.242586	0.047381	-5.119873	3.06E-07	5.71E-05
<i>MYL12A</i>	-0.28048	0.054951	-5.104216	3.32E-07	6.10E-05
<i>MSC</i>	-1.828122	0.358846	-5.094445	3.50E-07	6.32E-05
<i>ETV7</i>	-1.89343	0.372694	-5.080388	3.77E-07	6.70E-05
<i>ZBED2</i>	1.789543	0.354388	5.049672	4.43E-07	7.75E-05
<i>HMGB2</i>	-0.437343	0.086687	-5.045097	4.53E-07	7.82E-05
<i>CD84</i>	1.04783	0.208393	5.028146	4.95E-07	8.39E-05
<i>ATP6V0E2</i>	-0.861012	0.171313	-5.025964	5.01E-07	8.39E-05
<i>TSC22D3</i>	0.46229	0.092505	4.997438	5.81E-07	9.59E-05
<i>CLK1</i>	0.490127	0.098466	4.977616	6.44E-07	0.000104706
<i>PDE3B</i>	-1.263605	0.255067	-4.954014	7.27E-07	0.000115178
<i>GATD3</i>	5.051733	1.0198	4.953651	7.28E-07	0.000115178
<i>CAPN2</i>	-0.779804	0.158235	-4.928151	8.30E-07	0.000129475
<i>SQOR</i>	-0.647609	0.131992	-4.906427	9.28E-07	0.000141929
<i>LINC02397</i>	0.407962	0.083175	4.90487	9.35E-07	0.000141929
<i>CYCS</i>	-0.349476	0.071587	-4.881852	1.05E-06	0.000157447
<i>EPS15</i>	-0.541886	0.111121	-4.876557	1.08E-06	0.000159631
<i>TAGAP</i>	-0.601184	0.124245	-4.838689	1.31E-06	0.000190786
<i>TENT5C</i>	0.897257	0.185677	4.832345	1.35E-06	0.000193421
<i>FAS</i>	-1.17531	0.243289	-4.830924	1.36E-06	0.000193421
<i>UBE2I</i>	-0.281176	0.058348	-4.818924	1.44E-06	0.000202888
<i>DAP</i>	-0.620915	0.12912	-4.808813	1.52E-06	0.000210821
<i>TFEC</i>	1.090121	0.227233	4.797378	1.61E-06	0.000220527
<i>BIK</i>	-1.666123	0.347762	-4.790987	1.66E-06	0.000224959
<i>STX7</i>	0.609687	0.127858	4.768482	1.86E-06	0.000244199
<i>MIIP</i>	-0.483322	0.101365	-4.768128	1.86E-06	0.000244199
<i>NECAP2</i>	-0.42313	0.088754	-4.767429	1.87E-06	0.000244199
<i>TGIF1</i>	0.737375	0.155423	4.744311	2.09E-06	0.000270698
<i>MIR3142HG</i>	-2.031154	0.429	-4.734629	2.19E-06	0.000280756
<i>TTC32</i>	-0.950531	0.200956	-4.730046	2.24E-06	0.000283979
<i>BBX</i>	0.403946	0.08565	4.716256	2.40E-06	0.000300571
<i>BPTF</i>	0.36769	0.078193	4.70234	2.57E-06	0.000318309
<i>OPTN</i>	-0.830357	0.177035	-4.690354	2.73E-06	0.000333196

<i>EHD1</i>	-0.550067	0.11732	-4.688602	2.75E-06	0.000333196
<i>MVP</i>	-0.635706	0.135665	-4.68585	2.79E-06	0.000334149
<i>LCN8</i>	4.670297	0.999921	4.670665	3.00E-06	0.000356081
<i>EBI3</i>	-1.048703	0.225459	-4.651419	3.30E-06	0.000384235
<i>NSF</i>	1.28705	0.27674	4.65076	3.31E-06	0.000384235
<i>MRPL36</i>	-0.441451	0.095013	-4.646196	3.38E-06	0.000388862
<i>CDC42</i>	-0.3975	0.085799	-4.632905	3.61E-06	0.000410544
<i>IL6R</i>	-1.572316	0.341134	-4.609082	4.04E-06	0.000450328
<i>C12orf75</i>	-1.095261	0.237659	-4.608532	4.06E-06	0.000450328
<i>SLC38A2</i>	0.499819	0.108477	4.607584	4.07E-06	0.000450328
<i>PRKCB</i>	-0.435596	0.094686	-4.600411	4.22E-06	0.000461635
<i>TESC</i>	-1.903574	0.41514	-4.585375	4.53E-06	0.000491411
<i>ANXA7</i>	-0.531131	0.116476	-4.559994	5.12E-06	0.000549482
<i>CDKN1A</i>	-0.605111	0.132857	-4.554592	5.25E-06	0.000558524
<i>PLAAT3</i>	-1.588497	0.349143	-4.549707	5.37E-06	0.000566355
<i>CIRBP</i>	-0.20639	0.045417	-4.544288	5.51E-06	0.00057579
<i>NMB</i>	1.413277	0.311416	4.53823	5.67E-06	0.000587191
<i>LRIF1</i>	0.620261	0.136837	4.532836	5.82E-06	0.000596966
<i>HRK</i>	-0.962769	0.212544	-4.529732	5.91E-06	0.000600395
<i>TIMM10</i>	-0.506074	0.111813	-4.526085	6.01E-06	0.000605436
<i>TRADD</i>	-0.545352	0.120647	-4.520236	6.18E-06	0.000616948
<i>JAM3</i>	2.20131	0.487352	4.516881	6.28E-06	0.000621351
<i>IER3</i>	-1.676992	0.372002	-4.508016	6.54E-06	0.000641362
<i>PRELID1</i>	-0.401076	0.088999	-4.506502	6.59E-06	0.000641362
<i>NDUFB8</i>	-0.275559	0.061319	-4.493899	6.99E-06	0.000674772
<i>SUB1</i>	-0.516588	0.116001	-4.453326	8.46E-06	0.000808983
<i>UBE2N</i>	-0.480593	0.108116	-4.445176	8.78E-06	0.00083183
<i>PRDX2</i>	-0.529166	0.119115	-4.442485	8.89E-06	0.00083183
<i>CD48</i>	0.441313	0.09935	4.441992	8.91E-06	0.00083183
<i>TELO2</i>	-0.948111	0.214533	-4.419408	9.90E-06	0.000909001
<i>LGALS3</i>	-0.705779	0.159713	-4.419054	9.91E-06	0.000909001
<i>CERS6</i>	1.83683	0.415796	4.41762	9.98E-06	0.000909001
<i>ENSG00000070423</i>	-0.471663	0.10684	-4.414664	1.01E-05	0.000914198
<i>ISCU</i>	-0.351577	0.079695	-4.411513	1.03E-05	0.000920299
<i>BIN2</i>	-0.695872	0.157885	-4.407465	1.05E-05	0.000928049
<i>ITGB1</i>	-0.845121	0.191863	-4.404812	1.06E-05	0.000928049
<i>LINC02384</i>	-1.561015	0.354402	-4.404639	1.06E-05	0.000928049
<i>RGS2</i>	1.30378	0.296885	4.391533	1.13E-05	0.000978278
<i>RNF207</i>	-1.108342	0.253097	-4.379129	1.19E-05	0.001027798
<i>RORA</i>	-1.253165	0.286475	-4.37443	1.22E-05	0.00104229
<i>DHTKD1</i>	-0.539133	0.123935	-4.350122	1.36E-05	0.001155896
<i>REL</i>	-0.372591	0.085682	-4.348534	1.37E-05	0.001155896
<i>SRSF5</i>	-0.277474	0.063988	-4.336367	1.45E-05	0.001211658
<i>RPP25</i>	1.088914	0.251194	4.334954	1.46E-05	0.001211658
<i>HNRNPDL</i>	-0.247814	0.057206	-4.331965	1.48E-05	0.001219326
<i>PCDH9</i>	1.132925	0.262148	4.321706	1.55E-05	0.001268251
<i>AEN</i>	-0.561603	0.130215	-4.3129	1.61E-05	0.00131042

<i>SLC25A39</i>	-0.355271	0.082594	-4.301436	1.70E-05	0.001370317
<i>DOK2</i>	-1.648405	0.383593	-4.297273	1.73E-05	0.001376875
<i>RAB24</i>	-0.743928	0.173117	-4.297256	1.73E-05	0.001376875
<i>LY86</i>	-0.406567	0.094985	-4.280315	1.87E-05	0.001473152
<i>ENSG00000279483</i>	-0.390649	0.091291	-4.279154	1.88E-05	0.001473152
<i>GBGT1</i>	1.213508	0.28372	4.277137	1.89E-05	0.001476377
<i>ENSG00000227468</i>	-2.268529	0.530628	-4.275174	1.91E-05	0.001479314
<i>CD72</i>	0.772487	0.180785	4.272959	1.93E-05	0.001483994
<i>HLA.C</i>	-0.489519	0.114809	-4.263762	2.01E-05	0.001536067
<i>GPR183</i>	0.380819	0.089458	4.256963	2.07E-05	0.001572961
<i>SPART</i>	0.755645	0.178577	4.231489	2.32E-05	0.001750499
<i>JCHAIN</i>	-0.993386	0.23489	-4.229163	2.35E-05	0.001757054
<i>ENSG00000254397</i>	1.959934	0.465181	4.213275	2.52E-05	0.001870693
<i>RUNX1</i>	1.255564	0.298125	4.211536	2.54E-05	0.001870693
<i>RAC2</i>	-0.386493	0.091803	-4.210016	2.55E-05	0.001870693
<i>NME1</i>	-0.640687	0.152212	-4.209175	2.56E-05	0.001870693
<i>LTA</i>	-1.038379	0.2468	-4.207372	2.58E-05	0.00187367
<i>SLC2A1</i>	-0.610823	0.145305	-4.203714	2.63E-05	0.001892167
<i>MME</i>	-2.93398	0.701418	-4.182924	2.88E-05	NA
<i>CCDC167</i>	-0.587973	0.140669	-4.179833	2.92E-05	0.002089029
<i>CTSB</i>	0.483123	0.116286	4.154622	3.26E-05	0.002318657
<i>PCNX4</i>	0.505502	0.121714	4.153187	3.28E-05	0.002318758
<i>MGAT4A</i>	-0.653717	0.157736	-4.144375	3.41E-05	0.002394872
<i>IL15</i>	-0.730688	0.176544	-4.138835	3.49E-05	0.002438377
<i>BTG2</i>	0.320984	0.077654	4.133534	3.57E-05	0.002480112
<i>ATAD3C</i>	-1.492718	0.362228	-4.120936	3.77E-05	0.00260193
<i>INPP5K</i>	-0.584151	0.141794	-4.119714	3.79E-05	0.00260193
<i>MTERF4</i>	-0.397817	0.096646	-4.116223	3.85E-05	0.002625812
<i>CEMIP2</i>	1.335617	0.325398	4.104567	4.05E-05	0.002740642
<i>PRKCE</i>	0.806417	0.196515	4.10359	4.07E-05	0.002740642
<i>MSMO1</i>	-0.449146	0.109586	-4.098581	4.16E-05	0.002771349
<i>TCAF2</i>	-0.913114	0.222804	-4.09829	4.16E-05	0.002771349
<i>PSME2</i>	-0.39363	0.096446	-4.081339	4.48E-05	0.00296413
<i>SNED1</i>	-1.73388	0.425159	-4.078188	4.54E-05	0.002972762
<i>ENSG00000254614</i>	-1.274299	0.312483	-4.077976	4.54E-05	0.002972762
<i>BAIAP3</i>	-1.864171	0.457757	-4.072402	4.65E-05	0.003018214
<i>AKT3</i>	0.822682	0.202045	4.071785	4.67E-05	0.003018214
<i>CLEC2B</i>	0.66769	0.164375	4.061981	4.87E-05	0.003130062
<i>LCK</i>	-1.067728	0.263622	-4.050217	5.12E-05	0.003273159
<i>TRIM4</i>	0.574367	0.14199	4.04512	5.23E-05	0.003326516
<i>ALDH3A2</i>	1.552086	0.383882	4.043132	5.27E-05	0.003336222
<i>TRAF1</i>	-0.848377	0.210254	-4.035001	5.46E-05	0.003434797
<i>IFNG.AS1</i>	-1.743474	0.433316	-4.023564	5.73E-05	0.00358622
<i>RASGEF1B</i>	0.646113	0.160652	4.021824	5.77E-05	0.003593069
<i>TPI1</i>	-0.195976	0.048749	-4.020068	5.82E-05	0.003600281
<i>MRPL20</i>	-0.354438	0.088215	-4.017885	5.87E-05	0.003614145
<i>NDUFA1</i>	-0.214758	0.053543	-4.010911	6.05E-05	0.003702589



DHCR24	-1.035768	0.25853	-4.00637	6.17E-05	0.003753542
BEX3	-1.603684	0.400405	-4.005156	6.20E-05	0.003753542
VCPKMT	-0.742482	0.186039	-3.991003	6.58E-05	0.003963681
UNC119	-0.502939	0.126081	-3.989002	6.64E-05	0.003976228
ARPC1B	-0.308308	0.077318	-3.987531	6.68E-05	0.003980005
ARID5A	-0.532797	0.133995	-3.976259	7.00E-05	0.004151605
PARM1	-1.706577	0.429904	-3.969666	7.20E-05	0.004246057
PPIA	-0.204724	0.051666	-3.962419	7.42E-05	0.004343208
LYRM2	-0.323613	0.081683	-3.961812	7.44E-05	0.004343208
SMAGP	-0.547338	0.138442	-3.953564	7.70E-05	0.004459315
LILRB1	0.722806	0.182847	3.95307	7.72E-05	0.004459315
ADAMTS6	1.113715	0.282015	3.949132	7.84E-05	0.004489947
PLEKHB1	-1.113053	0.281856	-3.949015	7.85E-05	0.004489947
RIN3	1.063832	0.270059	3.939262	8.17E-05	0.004653036
KYNU	-0.523665	0.133077	-3.935041	8.32E-05	0.004712024
DGKG	2.023743	0.514488	3.933511	8.37E-05	0.004718652
HSD17B11	0.323231	0.08231	3.926971	8.60E-05	0.004814067
UQCRC1	-0.393809	0.1003	-3.926328	8.63E-05	0.004814067
CLDND1	-0.467855	0.11923	-3.923965	8.71E-05	0.004824222
CCDC88C	-0.461745	0.117688	-3.923468	8.73E-05	0.004824222
TRAF4	-0.759875	0.193732	-3.922306	8.77E-05	0.004824222
CKS2	0.610199	0.156108	3.908817	9.27E-05	0.005077127
BMPR2	0.872665	0.223853	3.898387	9.68E-05	0.005275452
ARHGAP24	0.496399	0.127716	3.886756	0.00010159	0.005508253
PSMB3	-0.337931	0.087067	-3.881275	0.00010391	0.005607212
GSTK1	-0.344393	0.088799	-3.878332	0.00010518	0.005643686
ENSG00000273748	-1.197174	0.308757	-3.877403	0.00010558	0.005643686
ATP5MG	-0.184278	0.047551	-3.8754	0.00010645	0.00566372
ENSG00000180953	-0.570995	0.14754	-3.87011	0.00010879	0.005761126
ENSG00000272211	-0.989803	0.25609	-3.865064	0.00011106	0.005854296
RAB30	0.38834	0.100516	3.863478	0.00011178	0.005865311
HTR3A	-0.948673	0.245704	-3.861043	0.0001129	0.005896911
SH2B3	0.858501	0.222596	3.856773	0.00011489	0.005973423
JSRP1	-1.187316	0.308355	-3.850485	0.00011788	0.00610103
KRCC1	0.369182	0.095964	3.84709	0.00011953	0.006158193
CHCHD5	-0.421246	0.109591	-3.84381	0.00012114	0.006210258
TIAM2	-0.896584	0.233357	-3.842115	0.00012198	0.006210258
TSPAN5	-1.020831	0.265723	-3.841718	0.00012218	0.006210258
SEPTIN7	0.33402	0.086994	3.839595	0.00012324	0.006236354
ENSG00000237773	-1.286031	0.335887	-3.828766	0.00012879	0.00648838
FARP2	0.943484	0.246557	3.826635	0.00012991	0.006515959
ARL17A	-0.627796	0.164263	-3.821903	0.00013243	0.006613151
NCBP3	0.993391	0.260259	3.816934	0.00013512	0.006718258
H2AFZ	0.364179	0.09549	3.813814	0.00013684	0.006774108
PSME1	-0.203441	0.053565	-3.79804	0.00014585	0.007188703
FCGR2B	0.580801	0.153105	3.793481	0.00014855	0.007290466
TUBB6	1.021008	0.269288	3.791505	0.00014974	0.00731721

<i>SESN3</i>	0.409815	0.108323	3.783275	0.00015478	0.007531211
<i>C9orf139</i>	-0.773585	0.204571	-3.781496	0.00015589	0.007552987
<i>IFNLR1</i>	1.012013	0.268006	3.776081	0.00015932	0.007686278
<i>POU2AF1</i>	-0.429136	0.114032	-3.763289	0.00016769	0.00805634
<i>CD80</i>	-1.253557	0.333409	-3.759814	0.00017004	0.008134645
<i>NUPL2</i>	-0.451331	0.120135	-3.756849	0.00017207	0.008134645
<i>UROS</i>	-0.448588	0.119409	-3.756742	0.00017214	0.008134645
<i>THAP2</i>	0.706335	0.188021	3.756683	0.00017218	0.008134645
<i>LDLR</i>	-1.468282	0.390974	-3.75545	0.00017303	0.008140992
<i>RBM3</i>	-0.418467	0.111536	-3.751854	0.00017553	0.008221095
<i>HLA.A</i>	-0.401759	0.107109	-3.750935	0.00017618	0.008221095
<i>AKAP9</i>	0.293421	0.078263	3.749181	0.00017741	0.008244991
<i>HLA.DOB</i>	-0.56457	0.150696	-3.746413	0.00017938	0.008302565
<i>DUSP4</i>	1.530337	0.409203	3.739796	0.00018417	0.008489702
<i>TAPBP</i>	-0.322112	0.086181	-3.737642	0.00018575	0.008528211
<i>ZNF593</i>	-0.469603	0.126333	-3.717194	0.00020145	0.009198088
<i>CDC42SE1</i>	-0.34082	0.091703	-3.716552	0.00020196	0.009198088
<i>MYO1G</i>	-0.466258	0.125596	-3.712353	0.00020534	0.009313513
<i>PITPNC1</i>	-0.77814	0.209663	-3.711382	0.00020613	0.009313513
<i>C17orf49</i>	-0.734792	0.198045	-3.71022	0.00020708	0.009319386
<i>RFX5</i>	-0.386112	0.104284	-3.702504	0.00021348	0.009569697
<i>AP1S2</i>	-0.325022	0.087819	-3.701029	0.00021473	0.009587785
<i>FASTK</i>	-0.404668	0.109532	-3.694528	0.0002203	0.009776019
<i>PROCA1</i>	0.940262	0.254563	3.69363	0.00022108	0.009776019
<i>CDC42EP3</i>	-0.401857	0.108812	-3.693121	0.00022152	0.009776019
<i>ENSA</i>	-0.241307	0.065431	-3.687958	0.00022606	0.009904687
<i>TBX21</i>	1.705429	0.462448	3.687831	0.00022617	0.009904687
<i>PSAP</i>	0.453544	0.123301	3.678359	0.00023474	0.010240385
<i>GTF3C6</i>	-0.336782	0.091611	-3.676223	0.00023671	0.01028708
<i>SRGN</i>	0.835118	0.227646	3.668487	0.00024399	0.010563022
<i>IZUMO4</i>	-0.64371	0.175542	-3.666976	0.00024544	0.010585359
<i>SMIM4</i>	-0.504616	0.137788	-3.662253	0.00025001	0.010741791
<i>HLA.DQB2</i>	-2.740139	0.749243	-3.65721	0.00025498	0.010914091
<i>JAZF1</i>	0.526904	0.144158	3.655048	0.00025713	0.010922764
<i>PNPLA8</i>	0.388121	0.106191	3.654954	0.00025723	0.010922764
<i>PPP1R15A</i>	-0.548325	0.150089	-3.653339	0.00025885	0.010922764
<i>IGHEP1</i>	-1.803207	0.493871	-3.651173	0.00026105	0.010922764
<i>FDFT1</i>	-0.409269	0.112099	-3.650959	0.00026126	0.010922764
<i>S1PR2</i>	-0.933203	0.255645	-3.650389	0.00026184	0.010922764
<i>HSBP1</i>	0.303662	0.083187	3.65034	0.00026189	0.010922764
<i>HSD17B10</i>	-0.394918	0.108263	-3.647765	0.00026453	0.010992533
<i>SNX11</i>	-0.54135	0.149281	-3.626387	0.00028741	0.011899993
<i>UBC</i>	-0.363209	0.100212	-3.624415	0.00028962	0.011947729
<i>XYLT1</i>	0.904889	0.249954	3.620221	0.00029435	0.012099217
<i>NFKB2</i>	-0.622232	0.17235	-3.610292	0.00030585	0.012442281
<i>PPIB</i>	-0.228191	0.063206	-3.610241	0.00030591	0.012442281
<i>IER2</i>	-0.324222	0.089817	-3.609817	0.00030641	0.012442281

SLA	0.954793	0.26454	3.609263	0.00030707	0.012442281
SLC25A29	1.465537	0.406432	3.605863	0.00031112	0.012561622
ZBTB38	-0.465897	0.129257	-3.604426	0.00031284	0.0125867
GPR137	-0.461154	0.128109	-3.599705	0.00031858	0.012772318
PLPP5	-0.521692	0.145216	-3.592525	0.00032749	0.013083462
BBC3	-0.900152	0.250709	-3.590419	0.00033015	0.013143361
FRG1	-0.340532	0.094868	-3.589513	0.0003313	0.013143361
POU2F2	0.419557	0.116931	3.588068	0.00033314	0.01317051
CDCA7	-1.062675	0.296639	-3.582386	0.00034047	0.013413833
GMFG	-0.276363	0.07726	-3.577036	0.00034751	0.013644073
S100A11	0.27984	0.078346	3.571842	0.00035448	0.013869743
MKNK2	-0.367468	0.102974	-3.568537	0.00035898	0.013997784
NOP10	0.191403	0.053745	3.561286	0.00036904	0.014341053
CYBC1	-0.282816	0.079436	-3.560304	0.00037043	0.014345789
SPIB	-0.312259	0.087733	-3.559177	0.00037202	0.014348554
MRPL32	0.373592	0.104987	3.558473	0.00037302	0.014348554
GDAP1	-1.097204	0.308418	-3.557515	0.00037438	0.01435246
JUNB	-0.328895	0.092565	-3.55311	0.00038071	0.014546006
PRAG1	1.039112	0.293124	3.544956	0.00039268	0.014953326
DBI	-0.272757	0.076967	-3.543821	0.00039437	0.014967743
ARHGDI A	-0.261219	0.073755	-3.541689	0.00039757	0.015039133
XRN2	-0.324589	0.091984	-3.528739	0.00041755	0.015742283
SP100	-0.210048	0.059607	-3.523883	0.00042527	0.015980657
SNX9	0.504959	0.143775	3.512144	0.00044451	0.016648566
COPS3	-0.438486	0.125042	-3.506716	0.00045367	0.016936113
ETFDH	-0.686295	0.195832	-3.504511	0.00045745	0.017021221
ZNF92	-0.418735	0.119718	-3.497688	0.00046931	0.017405724
DHRS4L2	0.469958	0.134427	3.496011	0.00047227	0.017405841
SMC6	0.406123	0.116189	3.495363	0.00047342	0.017405841
ARHGAP11A	-1.324187	0.378948	-3.494373	0.00047518	0.017405841
SF1	-0.201141	0.057564	-3.494232	0.00047543	0.017405841
CSGALNACT2	-0.592531	0.169657	-3.492518	0.00047849	0.017461779
SRGAP2B	0.800993	0.229587	3.488849	0.00048511	0.017646671
TMEM131	0.548611	0.157307	3.487515	0.00048753	0.017678473
RSBN1L	0.294878	0.084577	3.486501	0.00048938	0.017689286
LPP	0.516929	0.148315	3.485352	0.00049149	0.017709217
CYB5A	-0.510126	0.14665	-3.478517	0.0005042	0.018097196
ANXA6	-0.455104	0.130858	-3.477858	0.00050544	0.018097196
ELOB	-0.164296	0.047302	-3.473362	0.00051398	0.018299125
PYHIN1	0.91661	0.263909	3.4732	0.00051429	0.018299125
OSBPL8	0.359701	0.10363	3.471009	0.00051851	0.018309299
GBP2	0.567638	0.163539	3.470958	0.00051861	0.018309299
MRPL23	-0.276036	0.079537	-3.470546	0.0005194	0.018309299
EPG5	0.897097	0.258633	3.468615	0.00052315	0.018368884
VPREB3	-0.377534	0.108883	-3.467324	0.00052567	0.018368884
CBLB	0.471282	0.135933	3.467003	0.0005263	0.018368884
RNH1	-0.458489	0.132268	-3.466366	0.00052755	0.018368884

<i>SLCO5A1</i>	-1.501682	0.433405	-3.464847	0.00053053	0.018416594
<i>AKAP2</i>	-0.844598	0.24445	-3.455089	0.00055011	0.019001571
<i>TBC1D9</i>	0.437045	0.126504	3.45479	0.00055072	0.019001571
<i>UBE2J2</i>	-0.3264	0.094519	-3.453254	0.00055387	0.019052363
<i>ETF1</i>	-0.519935	0.150822	-3.44735	0.00056611	0.019405843
<i>TMSB10</i>	-0.33219	0.09638	-3.446665	0.00056755	0.019405843
<i>MLST8</i>	-0.456734	0.13257	-3.445235	0.00057056	0.019450406
<i>SIPA1L1</i>	0.391054	0.113936	3.432216	0.00059867	0.020347616
<i>ICAM1</i>	-0.964375	0.281056	-3.431252	0.0006008	0.020359328
<i>B4GALT1</i>	0.448101	0.130639	3.430075	0.00060342	0.020387202
<i>TOMM5</i>	-0.341442	0.099658	-3.426135	0.00061224	0.020579794
<i>CHORDC1</i>	0.519388	0.151614	3.425732	0.00061314	0.020579794
<i>PLGRKT</i>	-0.606904	0.177192	-3.425116	0.00061454	0.020579794
<i>ENSG00000265218</i>	-1.892601	0.553822	-3.417347	0.00063235	0.02111406
<i>IKBKE</i>	-0.678227	0.198657	-3.414055	0.00064004	0.021308339
<i>LRP5</i>	-1.142803	0.335676	-3.404488	0.00066288	0.022004607
<i>ANXA2</i>	-0.440372	0.129495	-3.400687	0.00067217	0.022114415
<i>ENSG00000263264</i>	-0.92534	0.272148	-3.400131	0.00067354	0.022114415
<i>ST13</i>	0.204294	0.060085	3.400093	0.00067363	0.022114415
<i>PSMA4</i>	-0.256203	0.075355	-3.399959	0.00067396	0.022114415
<i>SLC9A3R1</i>	-0.49888	0.146787	-3.398658	0.00067717	0.022156028
<i>ZNF107</i>	0.89779	0.264276	3.397167	0.00068087	0.022213246
<i>COX7B</i>	-0.214087	0.06319	-3.387977	0.0007041	0.022905404
<i>GSAP</i>	0.528	0.155893	3.38694	0.00070677	0.022926695
<i>ECH1</i>	-0.321083	0.09494	-3.381965	0.00071969	0.023238509
<i>NDUFS6</i>	-0.269139	0.079588	-3.381671	0.00072046	0.023238509
<i>ENSG00000225885</i>	-0.765194	0.226331	-3.380859	0.0007226	0.023241437
<i>CRK</i>	0.455281	0.134755	3.378579	0.00072862	0.023369039
<i>PHF23</i>	0.475035	0.140706	3.376088	0.00073524	0.023506135
<i>ZNF667.AS1</i>	1.160232	0.343729	3.375425	0.00073702	0.023506135
<i>CCND3</i>	0.433057	0.128696	3.36496	0.00076555	0.024347873
<i>PIK3R5</i>	-0.650399	0.193354	-3.363778	0.00076883	0.024384231
<i>ARL3</i>	0.52282	0.155575	3.360561	0.00077784	0.024601464
<i>LNPEP</i>	0.399213	0.119061	3.353023	0.00079934	0.025211341
<i>IL2RG</i>	-0.378966	0.113136	-3.349656	0.00080912	0.02537616
<i>BEX2</i>	-0.53007	0.158265	-3.349254	0.0008103	0.02537616
<i>ENSG00000225205</i>	-1.188039	0.354752	-3.348927	0.00081125	0.02537616
<i>IQGAP2</i>	1.244571	0.371821	3.347233	0.00081623	0.025461803
<i>MAP1LC3A</i>	-0.902166	0.269606	-3.346239	0.00081916	0.025466083
<i>SLC2A14</i>	-4.275329	1.277715	-3.346074	0.00081964	NA
<i>BMS1</i>	-0.473971	0.141667	-3.345671	0.00082084	0.025466083
<i>PHF20L1</i>	0.426236	0.127438	3.344644	0.00082388	0.02549109
<i>ZMIZ2</i>	-0.487947	0.145943	-3.343412	0.00082755	0.025535163
<i>E2F5</i>	0.522862	0.156691	3.336895	0.0008472	0.02605688
<i>VPREB1</i>	-1.733113	0.519473	-3.336294	0.00084903	0.02605688
<i>RNF144B</i>	1.166389	0.350067	3.331899	0.00086256	0.026400685
<i>GSN</i>	-0.661515	0.198725	-3.328791	0.00087224	0.026625509

COX7A2	-0.195227	0.058689	-3.326473	0.00087953	0.026776121
ARHGDIB	-0.256681	0.077208	-3.32453	0.00088568	0.026891548
TNFAIP8L2	0.791866	0.238307	3.322884	0.00089092	0.026978754
GPX1	-0.309029	0.093034	-3.321661	0.00089483	0.027017656
MGME1	0.493475	0.148592	3.321002	0.00089695	0.027017656
CD247	-1.377388	0.414854	-3.320175	0.00089961	0.027026334
LARP4B	0.684876	0.206651	3.314175	0.00091914	0.027540365
LINC01215	-0.614931	0.185652	-3.312271	0.00092542	0.0275413
LILRA4	2.046829	0.618135	3.311297	0.00092865	0.0275413
ACCS	1.931609	0.583368	3.311133	0.00092919	0.0275413
SPN	-1.28746	0.388879	-3.310696	0.00093064	0.0275413
PILRB	0.763414	0.230603	3.310508	0.00093127	0.0275413
MCRIP2	-0.488978	0.147761	-3.309236	0.00093551	0.027595114
CALM1	-0.228988	0.069218	-3.308229	0.00093888	0.027622951
BRI3BP	0.750604	0.227153	3.304398	0.00095181	0.0279311
APPBP2	0.625292	0.189389	3.301626	0.00096126	0.028136033
ACSF3	-0.476407	0.144358	-3.300163	0.00096629	0.028210572
IMPDH2	-0.473379	0.143541	-3.297864	0.00097423	0.028369891
CDC37	-0.242775	0.073733	-3.292608	0.00099263	0.028831751
NCF2	-0.903088	0.274462	-3.290394	0.00100047	0.02891928
NEK6	-0.566778	0.172256	-3.290324	0.00100072	0.02891928
TRMT1L	0.689834	0.209749	3.288849	0.00100598	0.028941489
RAB3GAP2	-0.426221	0.129602	-3.288683	0.00100657	0.028941489
TOP1	0.350661	0.106731	3.285459	0.00101816	0.029200984
SLC11A1	1.645782	0.501606	3.281025	0.00103431	0.029537407
HMGB3	-1.157207	0.352744	-3.280587	0.00103591	0.029537407
TRAK1	0.540801	0.164873	3.280108	0.00103768	0.029537407
PECAM1	0.95561	0.2914	3.279372	0.00104039	0.029540693
CYTH1	-0.326908	0.099812	-3.27525	0.00105569	0.029900601
LPAR5	0.474235	0.145007	3.270422	0.00107387	0.030279412
PPBP	3.518736	1.076368	3.269082	0.00107897	0.030279412
UBE2F	0.437476	0.133823	3.26906	0.00107905	0.030279412
TNRC6B	0.228769	0.069984	3.268891	0.0010797	0.030279412
COX6C	-0.20603	0.063053	-3.267562	0.00108478	0.030347193
VAV2	-0.472982	0.144785	-3.266786	0.00108776	0.030355946
ABI2	0.503394	0.154252	3.263447	0.00110066	0.030640813
TIGIT	-1.440586	0.441662	-3.261742	0.0011073	0.030715445
TTC39C	-0.544721	0.167022	-3.261375	0.00110873	0.030715445
ENSG00000228037	-0.86523	0.265862	-3.254433	0.00113619	0.031376644
ERG28	-0.334099	0.102675	-3.253953	0.00113811	0.031376644
ENSG00000266088	-2.765873	0.850836	-3.25077	0.00115093	0.031653298
HIPK2	-0.69548	0.214074	-3.248789	0.00115897	0.031797775
SEPTIN9	-0.206281	0.063552	-3.245875	0.0011709	0.032047849
VARS	-0.7707	0.237528	-3.244665	0.00117589	0.032107118
DICER1	0.47189	0.145505	3.243119	0.00118229	0.032204678
GCC2	0.263941	0.081584	3.235187	0.00121563	0.033033846
HECA	0.52866	0.163499	3.233423	0.00122316	0.03315938

<i>NUDT3</i>	0.410734	0.127065	3.232463	0.00122728	0.033191945
<i>ARPC3</i>	-0.223343	0.069117	-3.23137	0.00123199	0.03324025
<i>GFOD1</i>	0.642739	0.199025	3.229435	0.00124035	0.033386835
<i>HSPB1</i>	0.644217	0.199795	3.224397	0.00126238	0.03389974
<i>MIAT</i>	-0.946602	0.293811	-3.221806	0.00127385	0.034127236
<i>C1GALT1</i>	0.463656	0.144112	3.217327	0.00129391	0.03458322
<i>CSF2RB</i>	-0.779514	0.242349	-3.216498	0.00129765	0.034602045
<i>ENO1</i>	-0.268627	0.08367	-3.210559	0.00132477	0.035159365
<i>AFF3</i>	0.35331	0.110053	3.210356	0.00132571	0.035159365
<i>ENSG00000256092</i>	-0.725202	0.225927	-3.209899	0.00132782	0.035159365
<i>BHLHE41</i>	0.876037	0.273015	3.208754	0.00133312	0.035217772
<i>TERF2IP</i>	0.289011	0.090155	3.205706	0.00134732	0.035510489
<i>ZSCAN2</i>	-0.822131	0.256933	-3.199782	0.00137532	0.036164762
<i>ZNF397</i>	0.367951	0.115085	3.197216	0.00138761	0.036403988
<i>KRTCAP2</i>	-0.25686	0.080371	-3.195915	0.00139388	0.036484404
<i>GGCX</i>	-0.552087	0.172815	-3.194668	0.00139992	0.036558373
<i>APOBEC3H</i>	-1.612023	0.504789	-3.193459	0.00140579	0.036572935
<i>TIMM22</i>	-0.423203	0.132535	-3.193136	0.00140737	0.036572935
<i>ODF3B</i>	-0.577629	0.180929	-3.192574	0.00141011	0.036572935
<i>ENSG00000089127</i>	0.815878	0.255743	3.190222	0.00142164	0.036788092
<i>ZNF568</i>	0.632978	0.19859	3.187368	0.00143574	0.037068839
<i>TCF7</i>	-0.731877	0.229794	-3.184932	0.00144788	0.037238047
<i>BTNL9</i>	-1.368689	0.429765	-3.184741	0.00144884	0.037238047
<i>ZBTB24</i>	-0.399384	0.125471	-3.183092	0.00145711	0.037366376
<i>GRAMD1C</i>	-0.730446	0.229819	-3.178347	0.00148117	0.037842992
<i>ATP5MC3</i>	-0.215307	0.06775	-3.177934	0.00148329	0.037842992
<i>RHOH</i>	0.270367	0.085089	3.177469	0.00148567	0.037842992
<i>GALM</i>	1.009233	0.317747	3.176216	0.0014921	0.037903715
<i>ATP5PD</i>	-0.204509	0.064398	-3.175709	0.00149471	0.037903715
<i>BTK</i>	0.325831	0.102645	3.174334	0.00150181	0.037999086
<i>S100BPB</i>	0.554882	0.17516	3.167861	0.00153565	0.038769207
<i>RASSF6</i>	-1.35162	0.426887	-3.166223	0.00154432	0.038901936
<i>FBXO21</i>	-0.364587	0.115284	-3.162506	0.00156418	0.039315004
<i>HDAC1</i>	-0.335387	0.106125	-3.160301	0.00157606	0.039357016
<i>EIF4E3</i>	-1.778117	0.56269	-3.160026	0.00157755	0.039357016
<i>PEX6</i>	0.983579	0.311264	3.159947	0.00157798	0.039357016
<i>TMEM138</i>	-0.359424	0.113755	-3.159634	0.00157967	0.039357016
<i>ADA</i>	-0.461264	0.146165	-3.15577	0.00160075	0.039795011
<i>FCRL2</i>	0.629622	0.199653	3.15359	0.00161276	0.040006199
<i>CCDC137</i>	0.438063	0.139016	3.151165	0.00162621	0.040219553
<i>NOP14.AS1</i>	-0.847462	0.26897	-3.150767	0.00162842	0.040219553
<i>MINDY2</i>	0.496228	0.15754	3.149849	0.00163355	0.040258786
<i>ENSG00000282988</i>	1.153982	0.366578	3.147989	0.00164398	0.040422313
<i>PSMD12</i>	-0.372519	0.118358	-3.147402	0.00164728	0.040422313
<i>ABI1</i>	0.34905	0.110982	3.145097	0.00166032	0.040575571
<i>ITGB3BP</i>	-0.474249	0.150822	-3.144421	0.00166416	0.040575571
<i>KLHL8</i>	0.855985	0.272224	3.14441	0.00166422	0.040575571

<i>PPCS</i>	-0.281687	0.089653	-3.141954	0.00167824	0.040830061
<i>SPTLC2</i>	0.58733	0.187033	3.14024	0.00168809	0.040904716
<i>TLE3</i>	-0.332787	0.105977	-3.14017	0.0016885	0.040904716
<i>IGLC2</i>	-0.591701	0.188616	-3.137058	0.00170652	0.041253614
<i>ATP5MGL</i>	-0.727537	0.232167	-3.133681	0.00172629	0.041642982
<i>KIAA0040</i>	0.520626	0.166203	3.132468	0.00173343	0.04172702
<i>DHRS4</i>	-0.75256	0.24034	-3.131239	0.00174071	0.041740335
<i>TRIP10</i>	0.845749	0.270109	3.131135	0.00174132	0.041740335
<i>ENSG00000267892</i>	1.375582	0.43971	3.128385	0.0017577	0.042044429
<i>ATP1B3</i>	-0.338561	0.108375	-3.123973	0.00178427	0.042590497
<i>NDUFA6</i>	-0.289766	0.092857	-3.120546	0.00180516	0.042976725
<i>GPR18</i>	0.731535	0.234473	3.119907	0.00180908	0.042976725
<i>GRK6</i>	-0.571606	0.183254	-3.119203	0.00181341	0.042976725
<i>PSMB1</i>	-0.219841	0.070498	-3.118381	0.00181848	0.042976725
<i>INSIG1</i>	-0.299885	0.096171	-3.118244	0.00181932	0.042976725
<i>RHOF</i>	-0.334095	0.10717	-3.117429	0.00182436	0.043006593
<i>UGT8</i>	0.822748	0.264019	3.116246	0.00183169	0.043090166
<i>PRICKLE1</i>	1.081873	0.347291	3.115178	0.00183834	0.043157417
<i>PRDM2</i>	-0.23076	0.074137	-3.112608	0.00185442	0.04344541
<i>SPOP</i>	0.353455	0.113648	3.110076	0.00187039	0.043627046
<i>CD82</i>	-0.294294	0.094637	-3.10971	0.00187271	0.043627046
<i>CEP104</i>	0.585137	0.188179	3.109466	0.00187426	0.043627046
<i>ZNF557</i>	0.648745	0.20867	3.108955	0.0018775	0.043627046
<i>TBC1D5</i>	0.396361	0.127634	3.105457	0.00189985	0.044056503
<i>PRKAG1</i>	-0.348097	0.112122	-3.104618	0.00190525	0.04407319
<i>NAA10</i>	-0.297051	0.095695	-3.104142	0.00190832	0.04407319
<i>JHY</i>	-1.440905	0.464432	-3.102508	0.00191888	0.044227506
<i>MXD4</i>	0.587444	0.189399	3.101619	0.00192466	0.044270961
<i>CCSER2</i>	-0.379902	0.122975	-3.089269	0.0020065	0.04596086
<i>ARID4A</i>	0.380401	0.123148	3.088959	0.00200859	0.04596086
<i>HLA.DRA</i>	-0.278408	0.090137	-3.088716	0.00201023	0.04596086
<i>PRDX6</i>	-0.242524	0.078535	-3.088104	0.00201438	0.045963413
<i>MPP6</i>	0.987857	0.320037	3.086695	0.00202395	0.046089365
<i>ANO9</i>	-0.732422	0.237331	-3.086085	0.00202811	0.046091833
<i>ORMDL3</i>	-0.46271	0.150016	-3.084393	0.00203968	0.046262606
<i>PRDM8</i>	-1.004486	0.326211	-3.079251	0.00207522	0.046975054
<i>HIKESHI</i>	-0.291716	0.094784	-3.077703	0.00208603	0.047125973
<i>SNX17</i>	-0.249171	0.081039	-3.074716	0.00210703	0.047506214
<i>TMEM123</i>	-0.344383	0.112123	-3.07147	0.00213007	0.047930861
<i>PSME3</i>	-0.45979	0.149789	-3.069577	0.00214362	0.048140598
<i>NEAT1</i>	0.405704	0.132205	3.068761	0.00214948	0.048177177
<i>ENSG00000272316</i>	0.665408	0.216949	3.067126	0.00216128	0.048277013
<i>ABI3</i>	0.378228	0.123323	3.066968	0.00216242	0.048277013
<i>SLC3A2</i>	-0.329094	0.107344	-3.065791	0.00217095	0.048372662
<i>GCSAM</i>	-0.866975	0.282989	-3.06364	0.00218662	0.048626681
<i>ACAT1</i>	-0.578819	0.189	-3.062534	0.00219471	0.048654094
<i>SLC38A7</i>	-0.797824	0.260531	-3.062304	0.0021964	0.048654094

<i>ENSG00000130313</i>	-0.214832	0.070193	-3.060583	0.00220906	0.048839567
<i>TMEM159</i>	0.518281	0.169631	3.055337	0.00224808	0.049543481
<i>SMS</i>	-0.338219	0.110711	-3.054975	0.00225079	0.049543481
<i>SIDT1</i>	0.684582	0.224119	3.054554	0.00225395	0.049543481
<i>PWWP3A</i>	0.426623	0.1397	3.053847	0.00225928	0.049564768
<i>PRR11</i>	-1.184217	0.387931	-3.052648	0.00226832	0.049667439
<i>TNS3</i>	0.923576	0.302722	3.050907	0.00228151	0.049775167
<i>SQLE</i>	-0.380744	0.1248	-3.050845	0.00228198	0.049775167
<i>PPP1R7</i>	-0.281687	0.092361	-3.049863	0.00228946	0.049842808
<i>FBXL8</i>	-1.027488	0.336971	-3.049191	0.00229459	0.049859113
<i>SPINK2</i>	-1.844774	0.605083	-3.048796	0.00229761	NA
<i>TBC1D4</i>	-2.118487	0.695017	-3.048111	0.00230285	0.049943366
<i>TYROBP</i>	1.486227	0.48788	3.046297	0.00231679	0.05011008
<i>MSH6</i>	-0.589508	0.193537	-3.045966	0.00231934	0.05011008
<i>DNAJB11</i>	-0.398755	0.130955	-3.044976	0.00232699	0.050180045
<i>HIST1H4C</i>	0.309291	0.101688	3.041562	0.00235354	0.050592485
<i>BARD1</i>	0.658194	0.216413	3.041376	0.002355	0.050592485
<i>ATP5IF1</i>	-0.212162	0.069777	-3.040583	0.00236121	0.050630363
<i>COA6.AS1</i>	-0.780178	0.256944	-3.036367	0.00239448	0.051247195
<i>CLIP2</i>	-0.678081	0.22355	-3.033239	0.00241944	0.051684223
<i>ATP5ME</i>	-0.168229	0.055502	-3.031019	0.0024373	0.051968398
<i>GADD45GIP1</i>	-0.19177	0.063294	-3.029846	0.00244679	0.05203339
<i>ARNTL2</i>	-1.247441	0.411763	-3.029512	0.00244949	0.05203339
<i>FLNA</i>	-0.425828	0.140617	-3.028286	0.00245946	0.052080578
<i>THEMIS2</i>	0.471911	0.155843	3.028113	0.00246086	0.052080578
<i>SNHG15</i>	-0.360456	0.119065	-3.027388	0.00246677	0.052108858
<i>CWC15</i>	-0.288097	0.095257	-3.024432	0.002491	0.052523216
<i>FCRLA</i>	0.419826	0.138908	3.022322	0.00250843	0.052690508
<i>EBP</i>	-0.510441	0.168902	-3.022112	0.00251017	0.052690508
<i>CSNK1G3</i>	-0.321272	0.106318	-3.021794	0.00251282	0.052690508
<i>ENSG00000268400</i>	-1.566919	0.51868	-3.020976	0.00251961	0.052735815
<i>DUSP18</i>	0.503377	0.16674	3.01894	0.00253661	0.052965177
<i>PTPRS</i>	1.28675	0.426281	3.01855	0.00253987	0.052965177
<i>DDX6</i>	-0.335708	0.111327	-3.01551	0.00256547	0.053401206
<i>KLF9</i>	0.939208	0.31194	3.010864	0.00260506	0.054126247
<i>IL4I1</i>	-2.298578	0.76377	-3.009515	0.00261665	NA
<i>MARCHF1</i>	0.244377	0.081286	3.006383	0.00264376	0.054701061
<i>ALDH2</i>	1.171226	0.389603	3.006201	0.00264534	0.054701061
<i>TCOF1</i>	-0.319405	0.106256	-3.005995	0.00264714	0.054701061
<i>ZNF322</i>	0.613197	0.20406	3.004988	0.00265591	0.054782938
<i>KDM4B</i>	0.545755	0.181734	3.003036	0.002673	0.055029185
<i>CLCF1</i>	0.624362	0.207946	3.002523	0.00267751	0.055029185
<i>CBR1</i>	0.478737	0.159509	3.001321	0.00268811	0.055049355
<i>FAM53C</i>	0.496628	0.16547	3.001315	0.00268817	0.055049355
<i>THOC3</i>	-0.472203	0.157434	-2.999377	0.00270532	0.055197168
<i>NFE2L1</i>	-0.440317	0.146821	-2.998997	0.0027087	0.055197168
<i>LST1</i>	-1.043603	0.348	-2.998859	0.00270993	0.055197168



<i>PHPT1</i>	-0.400367	0.133559	-2.997672	0.0027205	0.055289573
<i>ROCK1</i>	0.236526	0.078914	2.997261	0.00272417	0.055289573
<i>UQCRFS1</i>	-0.206894	0.069044	-2.996552	0.00273052	0.055319654
<i>PWP1</i>	-0.303678	0.101418	-2.99432	0.00275058	0.055568655
<i>CRYBG1</i>	-0.440193	0.14702	-2.994099	0.00275257	0.055568655
<i>CCDC15</i>	-1.513863	0.505808	-2.992958	0.00276288	0.05567816
<i>MRPL47</i>	-0.31048	0.10376	-2.992296	0.00276888	0.055700369
<i>PFKP</i>	-0.889787	0.297563	-2.990244	0.00278754	0.055977004
<i>CHMP6</i>	-0.463733	0.155111	-2.989694	0.00279257	0.055979281
<i>TRAC</i>	-1.063878	0.356124	-2.987385	0.00281375	0.056304707
<i>JDP2</i>	0.795309	0.266737	2.981627	0.00286721	0.057273733
<i>IDH2</i>	-0.374895	0.125799	-2.980115	0.0028814	0.057456462
<i>PLIN3</i>	-0.418571	0.140527	-2.978579	0.00289588	0.057644216
<i>APOBEC3B</i>	-1.890287	0.634768	-2.977918	0.00290214	0.057655006
<i>ADD3</i>	0.333771	0.112099	2.977452	0.00290655	0.057655006
<i>DMAC2L</i>	-0.344806	0.115988	-2.972765	0.0029513	0.058440871
<i>SHLD2</i>	-0.505355	0.170053	-2.971748	0.00296109	0.05853302
<i>CD200R1</i>	1.302202	0.438373	2.970532	0.00297285	0.058663498
<i>ENSG00000271204</i>	0.470375	0.158381	2.969899	0.00297898	0.058682718
<i>SIGLEC5</i>	1.38168	0.465603	2.967508	0.00300224	0.058992494
<i>NOL4L</i>	-1.221195	0.411562	-2.96722	0.00300506	0.058992494
<i>SH3PXD2A</i>	0.875675	0.29529	2.965475	0.00302216	0.059225906
<i>GHITM</i>	-0.269114	0.090793	-2.964053	0.00303616	0.059398214
<i>ZNF487</i>	-1.133078	0.382412	-2.962978	0.00304678	0.059461606
<i>CARD6</i>	1.627546	0.549442	2.962181	0.00305468	0.059461606
<i>SARS</i>	-0.297979	0.100604	-2.961899	0.00305748	0.059461606
<i>ACP1</i>	-0.227657	0.076869	-2.961616	0.00306029	0.059461606
<i>BMERB1</i>	1.329343	0.448973	2.960853	0.00306789	0.059507599
<i>TUBGCP5</i>	-0.743719	0.25128	-2.959728	0.00307911	0.059623749
<i>NDUFA13</i>	-0.253407	0.085655	-2.958472	0.00309169	0.059692493
<i>IGHM</i>	0.388805	0.13143	2.95826	0.00309381	0.059692493
<i>ZC3H7A</i>	-0.401955	0.135897	-2.957804	0.00309839	0.059692493
<i>GLS</i>	0.379668	0.128426	2.956324	0.0031133	0.059878347
<i>RAB37</i>	-0.445779	0.150818	-2.955747	0.00311913	0.059889444
<i>NUMA1</i>	0.482943	0.163555	2.952792	0.00314914	0.060363869
<i>MYL9</i>	-1.078571	0.365363	-2.952056	0.00315666	0.060406177
<i>ALG14</i>	-0.747938	0.25342	-2.95138	0.00316357	0.060436973
<i>SURF2</i>	-0.350091	0.118686	-2.949731	0.00318051	0.060603768
<i>MORN3</i>	1.611547	0.546422	2.949272	0.00318523	0.060603768
<i>RFTN1</i>	-0.547239	0.185569	-2.948978	0.00318827	0.060603768
<i>SMAP2</i>	-0.300108	0.101838	-2.946927	0.00320949	0.060905369
<i>JUP</i>	-0.980592	0.333205	-2.942913	0.00325139	0.061569496
<i>RHOB</i>	0.688492	0.234074	2.941346	0.00326789	0.061569496
<i>CBL</i>	0.517882	0.176072	2.941312	0.00326825	0.061569496
<i>FLNB</i>	-0.770206	0.261873	-2.941146	0.00327001	0.061569496
<i>CD27</i>	-0.650417	0.221155	-2.941002	0.00327152	0.061569496
<i>LINC00662</i>	0.461305	0.156886	2.940381	0.00327809	0.061591256

<i>TGFB2</i>	0.354239	0.120599	2.937339	0.00331043	0.062096372
<i>RANBP1</i>	-0.26969	0.091927	-2.933741	0.00334903	0.062717239
<i>KIF20B</i>	0.40725	0.13886	2.932808	0.00335912	0.062802844
<i>NT5E</i>	-0.738595	0.251917	-2.931896	0.003369	0.06287666
<i>CPTP</i>	-0.478205	0.163131	-2.931425	0.00337411	0.06287666
<i>ENSG00000256950</i>	-1.659156	0.566319	-2.929721	0.00339267	0.062999382
<i>BACH2</i>	0.402904	0.137538	2.929401	0.00339616	0.062999382
<i>ELP3</i>	-0.548845	0.187364	-2.929297	0.0033973	0.062999382
<i>TNFRSF25</i>	-1.269731	0.433729	-2.927479	0.00341722	0.063265797
<i>VASP</i>	-0.270589	0.092467	-2.926328	0.0034299	0.063397389
<i>YPEL2</i>	0.465132	0.159013	2.925128	0.00344315	0.063539155
<i>EID1</i>	-0.285194	0.097577	-2.922763	0.0034694	0.063878302
<i>EIF3J.DT</i>	0.424513	0.145259	2.922463	0.00347274	0.063878302
<i>SELL</i>	-0.706237	0.241737	-2.921509	0.0034834	0.063933475
<i>DND1</i>	1.633138	0.559066	2.92119	0.00348697	0.063933475
<i>KPNB1</i>	0.21022	0.072127	2.914571	0.00356178	0.065200029
<i>ATP5F1EP2</i>	-0.332282	0.114033	-2.91392	0.00356922	0.065231343
<i>ZNF761</i>	-0.676865	0.232377	-2.912787	0.00358219	0.065358413
<i>HACD4</i>	-0.525487	0.180436	-2.912311	0.00358765	0.065358413
<i>CDK6</i>	-1.1203	0.384875	-2.910816	0.00360486	0.065566968
<i>SCLT1</i>	-0.810927	0.27874	-2.909261	0.00362284	0.065788908
<i>DEF8</i>	-0.547669	0.188315	-2.908261	0.00363445	0.065894717
<i>FAM120A</i>	0.336518	0.115747	2.907369	0.00364483	0.06597784
<i>ZNF829</i>	0.772097	0.265852	2.904242	0.00368143	0.066534612
<i>PGM3</i>	0.861649	0.296755	2.903574	0.0036893	0.066571097
<i>NAPA</i>	-0.348671	0.120191	-2.90098	0.00371998	0.067018455
<i>NME4</i>	0.831776	0.286822	2.899976	0.00373191	0.067127294
<i>ITPRIPL2</i>	-0.79593	0.275407	-2.890016	0.00385223	0.069182076
<i>ZNF318</i>	0.599624	0.207595	2.888429	0.00387172	0.069422617
<i>CCSAP</i>	1.15084	0.398558	2.88751	0.00388305	0.069516319
<i>PTP4A3</i>	-1.023515	0.354577	-2.886583	0.0038945	0.069611928
<i>GGA2</i>	0.334712	0.116154	2.881624	0.00395632	0.070605783
<i>NDUFS8</i>	-0.244765	0.084958	-2.881025	0.00396384	0.070605783
<i>TMEM179B</i>	-0.249462	0.0866	-2.880638	0.00396871	0.070605783
<i>MYBL2</i>	-1.489436	0.517182	-2.87991	0.00397789	0.070658782
<i>ADAP2</i>	1.015507	0.352998	2.87681	0.00401717	0.071245304
<i>BDP1</i>	0.292432	0.101731	2.874562	0.00404589	0.071643014
<i>ANXA5</i>	-0.46511	0.161872	-2.873312	0.00406193	0.071781437
<i>ENSG00000235078</i>	0.896536	0.312059	2.872971	0.00406631	0.071781437
<i>EPHA4</i>	-0.976376	0.340005	-2.871648	0.00408337	0.071970983
<i>MKKS</i>	-0.326334	0.113717	-2.869707	0.00410853	0.07230243
<i>AUP1</i>	-0.233903	0.081583	-2.867057	0.00414309	0.072798179
<i>POLE3</i>	-0.264611	0.092483	-2.861173	0.00422076	0.07396129
<i>EMC9</i>	0.694872	0.242872	2.86106	0.00422228	0.07396129
<i>BLCAP</i>	-0.297613	0.104074	-2.859634	0.00424131	0.074180543
<i>RUNX3</i>	-0.317306	0.111101	-2.858363	0.00425833	0.07426587
<i>SERPINB9</i>	-0.299445	0.104763	-2.858296	0.00425923	0.07426587

<i>PFDN4</i>	-0.208099	0.072836	-2.857097	0.00427535	0.074432993
<i>PXMP2</i>	-0.661705	0.231829	-2.854281	0.00431344	0.074981422
<i>NFE2L2</i>	0.293004	0.102713	2.85265	0.00433563	0.075252237
<i>RAB40B</i>	1.239021	0.434735	2.85006	0.0043711	0.075644013
<i>DUSP14</i>	0.679096	0.238277	2.850032	0.00437149	0.075644013
<i>ABCB4</i>	0.519646	0.182436	2.848366	0.00439444	0.075824917
<i>DGCR6</i>	-1.482061	0.520331	-2.848306	0.00439526	0.075824917
<i>NOC3L</i>	0.414398	0.14567	2.844782	0.00444418	0.076552833
<i>TUBA1C</i>	-0.597921	0.21024	-2.843995	0.00445517	0.076626248
<i>RPL8</i>	0.270633	0.095288	2.84017	0.00450895	0.077434275
<i>LEPROT</i>	0.417224	0.14695	2.839224	0.00452234	0.077487244
<i>PIGC</i>	-0.366835	0.129213	-2.838991	0.00452565	0.077487244
<i>CDC40</i>	0.267333	0.09419	2.838236	0.00453637	0.077546963
<i>PURA</i>	0.442038	0.155769	2.837786	0.00454276	0.077546963
<i>CD58</i>	-0.361033	0.12729	-2.8363	0.00456396	0.077792298
<i>KCNK6</i>	0.477573	0.168457	2.834987	0.00458275	0.077833143
<i>MAPRE2</i>	0.423115	0.149248	2.834972	0.00458297	0.077833143
<i>SOX5</i>	1.079063	0.380662	2.834701	0.00458687	0.077833143
<i>ASF1A</i>	0.378515	0.133596	2.833286	0.00460722	0.077952786
<i>N4BP3</i>	-0.668229	0.235852	-2.833259	0.00460761	0.077952786
<i>PPP2R5C</i>	-0.261105	0.092224	-2.831216	0.00463713	0.078229583
<i>RENBP</i>	0.730978	0.25821	2.830942	0.00464111	0.078229583
<i>LY6E</i>	0.378336	0.133654	2.830703	0.00464458	0.078229583
<i>S1PR1</i>	0.426963	0.15087	2.830015	0.00465459	0.078282292
<i>EIF3A</i>	-0.209387	0.074005	-2.829343	0.00466437	0.078331167
<i>PTPN18</i>	0.502422	0.17767	2.827829	0.00468648	0.078586581
<i>ERP29</i>	0.158063	0.05591	2.827112	0.00469699	0.078647005
<i>CYP3A5</i>	0.738678	0.261374	2.826136	0.00471133	0.078771198
<i>TRA2B</i>	-0.200956	0.07112	-2.82558	0.00471951	0.078792346
<i>SLC19A1</i>	-1.281506	0.454236	-2.821234	0.00478393	0.079750793
<i>ROR1</i>	1.204433	0.42699	2.820752	0.00479112	0.079753901
<i>KCNC3</i>	0.979689	0.347521	2.81908	0.00481615	0.08005357
<i>EIF4G3</i>	0.528955	0.187743	2.817439	0.00484083	0.080346447
<i>CORO2B</i>	-2.23774	0.794929	-2.81502	0.00487742	NA
<i>CAPZB</i>	-0.25638	0.091134	-2.813231	0.00490464	0.081287135
<i>CXorf21</i>	0.445883	0.158623	2.810956	0.00493945	0.08174501
<i>PPIL4</i>	0.431917	0.153757	2.809095	0.0049681	0.081977063
<i>GATAD1</i>	0.437772	0.155866	2.808647	0.00497501	0.081977063
<i>C12orf74.PLEKHG7</i>	-0.654418	0.233002	-2.808644	0.00497507	0.081977063
<i>CCL4</i>	-1.301935	0.463658	-2.807961	0.00498563	0.082032299
<i>FUT11</i>	0.604936	0.215496	2.807182	0.0049977	0.082112202
<i>TAOK3</i>	0.237267	0.084559	2.805922	0.00501729	0.082242478
<i>IFIT5</i>	0.545451	0.194405	2.805743	0.00502007	0.082242478
<i>FAHD2B</i>	-0.823504	0.293674	-2.804143	0.00504505	0.082446893
<i>ENSG00000237513</i>	0.917276	0.327129	2.804017	0.00504703	0.082446893
<i>ENSG00000213865</i>	0.703823	0.251072	2.803269	0.00505874	0.082499164
<i>FBRS</i>	-0.382159	0.136345	-2.802888	0.00506472	0.082499164

<i>ENSG00000180448</i>	-0.319561	0.114058	-2.801755	0.00508255	0.082576588
<i>PRKCH</i>	2.404249	0.85815	2.801664	0.00508398	0.082576588
<i>ENSG00000272948</i>	-2.418471	0.863395	-2.801117	0.0050926	NA
<i>PDIK1L</i>	-0.819898	0.292754	-2.800636	0.00510021	0.082722141
<i>DUSP5</i>	-1.538144	0.549351	-2.799929	0.00511138	0.082785504
<i>ZNF22</i>	0.285182	0.102064	2.794141	0.00520377	0.084095142
<i>DRG2</i>	-0.369571	0.132276	-2.79394	0.00520702	0.084095142
<i>RNFT1</i>	0.478531	0.171355	2.792621	0.0052283	0.08420548
<i>GTF2I</i>	0.25347	0.090765	2.7926	0.00522864	0.08420548
<i>COX5B</i>	-0.169738	0.060849	-2.789476	0.00527934	0.084805431
<i>RFX2</i>	0.817857	0.293203	2.789387	0.00528079	0.084805431
<i>CFL1</i>	-0.138171	0.049547	-2.788701	0.00529199	0.084865555
<i>MSMP</i>	-1.024571	0.367502	-2.787933	0.00530454	0.084947309
<i>GRHPR</i>	-0.376078	0.134974	-2.786292	0.00533148	0.085258722
<i>PACSIN2</i>	0.679518	0.244232	2.782264	0.00539812	0.086203333
<i>HSP90B1</i>	-0.27065	0.097298	-2.781672	0.00540797	0.086239697
<i>CST7</i>	2.35645	0.848701	2.776538	0.00549412	0.087457233
<i>CREM</i>	0.56478	0.203436	2.776209	0.00549968	0.087457233
<i>CORO7</i>	-0.48968	0.176564	-2.773381	0.00554772	0.088098032
<i>ATP5MF</i>	-0.176374	0.063642	-2.771361	0.00558225	0.08852296
<i>FBLN2</i>	2.142063	0.773242	2.770238	0.00560154	NA
<i>NMT2</i>	0.535575	0.193371	2.769672	0.00561128	0.088859515
<i>PIK3C2A</i>	0.561815	0.203004	2.767501	0.00564878	0.089226146
<i>LAMTOR3</i>	0.462681	0.167188	2.767425	0.0056501	0.089226146
<i>YBX3</i>	0.901049	0.325982	2.764104	0.00570794	0.090014609
<i>TSNARE1</i>	-1.40518	0.508566	-2.763024	0.00572685	0.090166741
<i>PIGF</i>	0.525227	0.190117	2.76265	0.00573342	0.090166741
<i>NDUFB7</i>	-0.199012	0.072094	-2.760456	0.00577208	0.090649528
<i>TTC3</i>	0.256506	0.092959	2.759339	0.00579184	0.090834475
<i>RPS9</i>	0.319199	0.11579	2.756716	0.0058385	0.091440391
<i>TMEM141</i>	-0.344733	0.125177	-2.753951	0.00588806	0.091983152
<i>PTPN12</i>	0.58	0.210612	2.753881	0.00588931	0.091983152
<i>DVL3</i>	0.694076	0.252656	2.747126	0.00601201	0.093571053
<i>ZFYVE21</i>	0.547785	0.19942	2.746895	0.00601625	0.093571053
<i>GUK1</i>	-0.235536	0.08575	-2.746769	0.00601854	0.093571053
<i>ENSG00000179094</i>	-0.76847	0.279802	-2.74648	0.00602385	0.093571053
<i>BACH1.IT2</i>	-1.871399	0.681466	-2.746138	0.00603014	NA
<i>CBWD3</i>	-0.36329	0.132463	-2.742589	0.00609569	0.094557875
<i>DCP1B</i>	-0.554224	0.202213	-2.740794	0.00612908	0.09475783
<i>TXK</i>	-1.473584	0.537797	-2.740039	0.00614319	0.09475783
<i>WAC</i>	0.246755	0.090056	2.740008	0.00614376	0.09475783
<i>DHCR7</i>	-0.66866	0.244066	-2.739667	0.00615015	0.09475783
<i>AP4M1</i>	-0.519086	0.189471	-2.739665	0.00615019	0.09475783
<i>ENSG00000260267</i>	-1.066361	0.389331	-2.738954	0.0061635	0.094779485
<i>C12orf49</i>	-0.563148	0.205626	-2.738701	0.00616824	0.094779485
<i>PSMD7</i>	-0.259057	0.094649	-2.737047	0.00619935	0.095010493
<i>FAM131A</i>	0.941206	0.343892	2.736922	0.0062017	0.095010493

<i>FKBP11</i>	-0.360427	0.131707	-2.736572	0.00620831	0.095010493
<i>PNP</i>	0.687393	0.251228	2.736127	0.0062167	0.095011252
<i>ENSG00000278158</i>	0.507077	0.18544	2.734457	0.00624832	0.095366431
<i>HERC4</i>	0.319266	0.116908	2.730914	0.0063159	0.096268778
<i>BBS7</i>	-0.753597	0.276137	-2.729074	0.00635125	0.096678305
<i>PKM</i>	-0.264695	0.097078	-2.726606	0.00639894	0.097151693
<i>SINHCAF</i>	-0.291957	0.107078	-2.726581	0.00639942	0.097151693
<i>FBXO8</i>	0.573721	0.210734	2.722494	0.00647913	0.098230806
<i>CALM3</i>	-0.228814	0.084076	-2.721519	0.00649827	0.098389973
<i>CCL3L1.CCL3L3</i>	-2.532956	0.93181	-2.718319	0.00656145	NA
<i>TRIM27</i>	0.385003	0.141655	2.717904	0.00656969	0.0993393
<i>NOTCH2</i>	0.431454	0.158799	2.716977	0.00658811	0.099485692
<i>TMEM255B</i>	1.06475	0.391973	2.716386	0.00659988	0.099531476
<i>TULP3</i>	0.742892	0.273559	2.715651	0.00661455	0.099612713
<i>ADRB2</i>	0.819895	0.30196	2.71524	0.00662277	0.099612713
<i>ENSG00000274422</i>	0.385719	0.142099	2.714446	0.00663867	0.099720229
<i>ENSG00000273319</i>	0.439711	0.162084	2.712848	0.00667076	0.100070188
<i>VNN2</i>	0.418644	0.15435	2.712301	0.00668179	0.100103749
<i>SECISBP2</i>	0.300997	0.111	2.711698	0.00669396	0.100120443
<i>SSBP4</i>	-0.310863	0.114651	-2.711375	0.00670049	0.100120443
<i>GCNT1</i>	1.11086	0.409851	2.7104	0.00672022	0.100283587
<i>TSPAN13</i>	-0.532371	0.196501	-2.709257	0.0067434	0.100497898
<i>ENSG00000261079</i>	-1.857196	0.686175	-2.706593	0.00679776	NA
<i>TUNAR</i>	-3.452219	1.275772	-2.705983	0.00681025	NA
<i>TIMM8B</i>	-0.242499	0.089659	-2.704673	0.00683717	0.101762178
<i>TNFAIP3</i>	-0.507204	0.187611	-2.703492	0.0068615	0.101990949
<i>ATP5F1E</i>	-0.105418	0.03904	-2.700286	0.00692798	0.102813694
<i>ST6GAL1</i>	0.336509	0.124635	2.699954	0.00693491	0.102813694
<i>CHML</i>	0.655343	0.242834	2.698727	0.00696052	0.102893298
<i>NLN</i>	1.294372	0.479678	2.698415	0.00696705	0.102893298
<i>PEX13</i>	0.537678	0.199264	2.698324	0.00696895	0.102893298
<i>CENPU</i>	-1.367091	0.506712	-2.697967	0.00697643	0.102893298
<i>HOXB2</i>	1.048754	0.388978	2.696178	0.00701403	0.103224726
<i>ZNF48</i>	0.804788	0.298515	2.695975	0.00701829	0.103224726
<i>ABLIM1</i>	0.409096	0.151764	2.695605	0.0070261	0.103224726
<i>DDX17</i>	0.189026	0.070137	2.695116	0.00703642	0.103243076
<i>CMIP</i>	0.448417	0.166441	2.694144	0.00705697	0.10341134
<i>SMIM10</i>	-2.798896	1.039366	-2.692889	0.00708359	NA
<i>SLAMF6</i>	0.528455	0.196282	2.692321	0.00709566	0.103844714
<i>RAP1B</i>	-0.308644	0.114673	-2.691525	0.00711262	0.103959248
<i>CLEC11A</i>	-1.107656	0.412151	-2.687498	0.00719896	0.105086288
<i>PNO1</i>	-0.47615	0.177207	-2.686971	0.00721032	0.10511746
<i>PELO</i>	0.727722	0.270961	2.685711	0.00723756	0.105379624
<i>SDHAF2</i>	-0.277749	0.103456	-2.684719	0.00725908	0.105558026
<i>UBE2L3</i>	-0.192982	0.071905	-2.68383	0.00727842	0.105657906
<i>PABPC4</i>	0.463426	0.172697	2.683466	0.00728633	0.105657906
<i>CDK19</i>	0.501663	0.18697	2.683124	0.00729379	0.105657906

<i>STK17B</i>	-0.242186	0.090367	-2.680022	0.00736174	0.106506639
<i>RNF149</i>	0.341267	0.127396	2.678796	0.00738874	0.10676172
<i>DNASE1</i>	0.517607	0.193319	2.677469	0.00741806	0.107044876
<i>ABCA2</i>	1.441407	0.538438	2.677015	0.00742813	0.107044876
<i>ERICH1</i>	0.236719	0.088439	2.676636	0.00743655	0.107044876
<i>ZNF667</i>	1.308454	0.488923	2.676196	0.0074463	0.107049932
<i>MARCHF2</i>	-0.939616	0.351351	-2.674299	0.00748856	0.107521692
<i>TRIM8</i>	0.368379	0.137812	2.673057	0.00751636	0.10778492
<i>RABGGTA</i>	-0.379138	0.141917	-2.67155	0.00755019	0.108133926
<i>ADORA2A</i>	-1.971242	0.738127	-2.670601	0.00757156	NA
<i>FAM129A</i>	-1.000973	0.374838	-2.670414	0.00757577	0.108363952
<i>HACE1</i>	1.675857	0.627893	2.669015	0.0076074	0.108555958
<i>EEA1</i>	0.41094	0.153969	2.668977	0.00760826	0.108555958
<i>DEK</i>	0.19408	0.072749	2.667815	0.00763462	0.108795692
<i>ENSG00000256325</i>	-1.399703	0.524894	-2.666641	0.00766135	0.109040196
<i>CMPK1</i>	-0.389707	0.146176	-2.66602	0.00767551	0.109105316
<i>SH3KBP1</i>	0.199329	0.074825	2.663957	0.00772275	0.109428175
<i>APOOL</i>	0.639128	0.239944	2.663658	0.00772961	0.109428175
<i>RCC1</i>	0.395603	0.148531	2.663444	0.00773454	0.109428175
<i>SRP19</i>	-0.290333	0.10901	-2.663351	0.00773667	0.109428175
<i>TRIM5</i>	0.639091	0.240016	2.662701	0.00775163	0.109474182
<i>PPP1R10</i>	0.371091	0.139383	2.662375	0.00775915	0.109474182
<i>PCYOX1</i>	0.582378	0.218843	2.661173	0.0077869	0.109633441
<i>DNMT1</i>	-0.322282	0.121122	-2.660799	0.00779555	0.109633441
<i>TOMM22</i>	-0.208136	0.078228	-2.660636	0.00779932	0.109633441
<i>TBC1D8B</i>	1.432247	0.538539	2.659505	0.00782555	0.109843189
<i>CCDC50</i>	-0.333078	0.125257	-2.659162	0.00783354	0.109843189
<i>RANGRF</i>	-0.276407	0.103966	-2.658624	0.00784604	0.109883219
<i>BCL11A</i>	0.344791	0.129775	2.65683	0.00788793	0.11033411
<i>FBXL16</i>	-1.481948	0.55848	-2.653538	0.00796527	0.111279241
<i>GMCL1</i>	0.361447	0.136317	2.651522	0.00801299	0.111808746
<i>LINC01869</i>	0.802164	0.302622	2.650712	0.00803222	0.111939873
<i>PMEPA1</i>	0.495276	0.186879	2.650251	0.0080432	0.111955859
<i>LINC00539</i>	-1.49929	0.565975	-2.649037	0.00807215	0.112221539
<i>SLC25A30</i>	1.135296	0.428677	2.648371	0.00808808	0.112235292
<i>KSR1</i>	-0.754238	0.284815	-2.648171	0.00809285	0.112235292
<i>ABHD5</i>	-0.610194	0.230573	-2.646427	0.0081347	0.112678418
<i>EVI2A</i>	0.441211	0.166791	2.645286	0.0081622	0.112921971
<i>NARF</i>	-0.234858	0.088847	-2.643398	0.00820785	0.113415763
<i>SLC1A5</i>	-0.516191	0.195363	-2.642218	0.00823649	0.11367357
<i>FADS2</i>	-1.576383	0.597338	-2.639014	0.00831476	0.114614871
<i>DTX1</i>	1.160814	0.440631	2.634436	0.00842773	0.115934978
<i>MAP3K1</i>	0.267826	0.101668	2.634308	0.00843089	0.115934978
<i>P2RX4</i>	-0.462592	0.17572	-2.632557	0.00847447	0.116390005
<i>ENSG00000261386</i>	0.575547	0.218663	2.632121	0.00848536	0.116390005
<i>TCF4</i>	0.187653	0.071316	2.631276	0.0085065	0.116390005
<i>LINC02422</i>	0.735465	0.279523	2.631145	0.00850978	0.116390005

<i>ARHGEF10</i>	1.409668	0.535805	2.630932	0.0085151	0.116390005
<i>HLA.G</i>	-1.32891	0.505293	-2.629977	0.00853907	0.116517999
<i>P3H4</i>	1.720472	0.654269	2.629611	0.00854827	0.116517999
<i>ZNF90</i>	-0.390805	0.148646	-2.629107	0.00856095	0.116517999
<i>TTC33</i>	0.706755	0.268872	2.628596	0.00857381	0.116517999
<i>ENSG00000258168</i>	-0.941235	0.358085	-2.628524	0.00857563	0.116517999
<i>RDX</i>	-0.416159	0.158379	-2.627611	0.00859867	0.116691834
<i>DDX39A</i>	-0.224438	0.085471	-2.625896	0.00864212	0.117141823
<i>DDI2</i>	0.510449	0.19446	2.624964	0.00866582	0.117323479
<i>ZNF283</i>	0.951637	0.362675	2.623943	0.00869184	0.117536035
<i>MYO15B</i>	0.892875	0.340746	2.620355	0.00878382	0.118638934
<i>CTSC</i>	0.38143	0.145711	2.617718	0.008852	0.119218884
<i>RNF41</i>	0.278123	0.106248	2.617688	0.00885277	0.119218884
<i>GLMN</i>	-0.428749	0.163809	-2.617365	0.00886116	0.119218884
<i>CRTC3</i>	0.369411	0.141156	2.617052	0.00886927	0.119218884
<i>NUFIP2</i>	0.363108	0.138767	2.616674	0.00887912	0.119218884
<i>SCRN3</i>	-0.725137	0.277226	-2.615686	0.00890485	0.119423596
<i>MPST</i>	0.282447	0.10805	2.614032	0.00894808	0.119862098
<i>ZSCAN18</i>	0.579553	0.221774	2.613262	0.00896826	0.119991357
<i>TRIM13</i>	0.266487	0.102006	2.612468	0.00898912	0.120129284
<i>PHF2</i>	0.985914	0.377447	2.612062	0.0089998	0.120131027
<i>ENSG00000251661</i>	-1.499405	0.574249	-2.61107	0.00902595	0.120338984
<i>TRIO</i>	-0.496699	0.19032	-2.609805	0.00905939	0.120496473
<i>SMARCB1</i>	-0.321647	0.123257	-2.60957	0.00906561	0.120496473
<i>TNFAIP8</i>	-0.289231	0.110841	-2.609423	0.00906951	0.120496473
<i>HS3ST1</i>	1.059962	0.406344	2.608537	0.00909302	0.120625135
<i>ATP5PF</i>	-0.15767	0.06045	-2.60826	0.00910039	0.120625135
<i>TIPRL</i>	-0.414066	0.158823	-2.607092	0.00913149	0.120896653
<i>LRRC37B</i>	0.580232	0.222636	2.606194	0.00915547	0.120963985
<i>NEMP1</i>	0.774818	0.297323	2.605982	0.00916113	0.120963985
<i>APAF1</i>	0.561014	0.215328	2.605398	0.00917677	0.120963985
<i>YTHDC1</i>	0.24269	0.093161	2.605056	0.00918594	0.120963985
<i>MYO1D</i>	-1.15546	0.443569	-2.604915	0.00918969	0.120963985
<i>RGS1</i>	0.724749	0.278294	2.604259	0.00920731	0.121055947
<i>TRIAP1</i>	-0.287115	0.110273	-2.603664	0.00922331	0.121126351
<i>FCGR2A</i>	1.165545	0.448014	2.601583	0.00927947	0.121723491
<i>SERINC1</i>	0.344523	0.132493	2.600303	0.00931415	0.121947627
<i>TOPORS</i>	0.312494	0.120183	2.600162	0.00931799	0.121947627
<i>NDUFS7</i>	-0.211248	0.081256	-2.599768	0.00932868	0.121947627
<i>DPH7</i>	-0.380471	0.146384	-2.599127	0.00934611	0.121957932
<i>ENSG00000167807</i>	0.879136	0.338341	2.59837	0.00936674	0.121957932
<i>CBX6</i>	-0.263882	0.101572	-2.597968	0.00937772	0.121957932
<i>RGCC</i>	0.975829	0.37564	2.597776	0.00938296	0.121957932
<i>C1orf174</i>	0.358216	0.137894	2.597764	0.00938331	0.121957932
<i>SIAH1</i>	0.392431	0.151087	2.597382	0.00939374	0.121957932
<i>ARMCX2</i>	0.674595	0.259835	2.596241	0.00942498	0.122224214
<i>ATP2B4</i>	-0.857822	0.330636	-2.594463	0.0094739	0.122580402

GM2A	0.487714	0.187984	2.594448	0.00947428	0.122580402
DEDD2	0.356817	0.137551	2.594069	0.00948475	0.122580402
CLMN	0.83361	0.321617	2.591937	0.00954373	0.123202867
CLN8	0.367003	0.141703	2.589943	0.0095992	0.123755465
WSB1	0.42969	0.165928	2.589617	0.00960828	0.123755465
CXCR5	-0.318655	0.123139	-2.58777	0.00965995	0.12428044
CD99	-0.268465	0.103786	-2.58672	0.00968944	0.124519181
RHBDD2	-0.388854	0.15039	-2.585641	0.00971981	0.12476857
SH2D3C	0.49743	0.192485	2.584251	0.00975908	0.125131575
BOLA2B	-0.439858	0.170252	-2.583567	0.00977844	0.125238787
IL12A	0.956266	0.3704	2.58171	0.00983121	0.125773226
DAP3	-0.234434	0.090893	-2.579244	0.00990168	0.126477082
UQCRC2	-0.205572	0.07971	-2.579008	0.00990845	0.126477082
CCPG1	0.399349	0.154878	2.578475	0.00992374	0.126530416
SNRPA1	-0.295757	0.114755	-2.577291	0.00995781	0.126822863
RHOBTB3	1.643786	0.638544	2.574273	0.01004509	0.127791525
RASGRP3	-0.430791	0.167394	-2.57351	0.01006726	0.127930615
CAMK2D	0.54122	0.21034	2.573073	0.01008	0.127949653
IFT57	0.431118	0.167623	2.571953	0.01011268	0.128221513
SPPL2A	-0.315104	0.122557	-2.571076	0.0101383	0.128228008
TMED8	0.332389	0.129293	2.570828	0.01014556	0.128228008
ENSG00000238142	0.662041	0.257557	2.570469	0.01015611	0.128228008
HADHA	0.175487	0.068272	2.570396	0.01015824	0.128228008
GNAS	0.190397	0.074085	2.569964	0.0101709	0.128245669
ACBD3	-0.45862	0.178482	-2.56955	0.01018308	0.128257241
SKIL	0.355162	0.138263	2.568733	0.01020711	0.128337902
DNAJC9	-0.342619	0.133389	-2.568566	0.01021203	0.128337902
BZW1	-0.227494	0.088594	-2.567829	0.01023375	0.128469153
CCDC28B	-0.552706	0.215288	-2.567283	0.01024989	0.12853006
ARPC5	-0.147067	0.057299	-2.566663	0.01026823	0.128618364
ENSG00000272933	-0.964709	0.375973	-2.565898	0.0102909	0.128760702
THAP9.AS1	-0.484961	0.189095	-2.564649	0.01032804	0.129037918
PSMD3	-0.326374	0.127272	-2.56439	0.01033573	0.129037918
ARID4B	0.252234	0.098389	2.563647	0.01035789	0.129172919
VSIG10L	1.053735	0.411097	2.563226	0.01037045	0.129188099
ZNRD2	-0.321223	0.125344	-2.562735	0.01038512	0.12922943
TANK	-0.224398	0.087688	-2.559048	0.01049593	0.130373672
ENSG00000271553	-1.12411	0.439292	-2.558914	0.01049997	0.130373672
PLEKHA2	0.347948	0.136034	2.557793	0.01053387	0.130548493
GDF11	0.473946	0.185302	2.557691	0.01053698	0.130548493
MIR210HG	-1.221008	0.477591	-2.556597	0.01057015	0.130694639
COBL1	-0.236052	0.092333	-2.556545	0.01057173	0.130694639
ICAM2	-0.481076	0.188243	-2.555608	0.01060024	0.130812519
POLR2G	-0.226152	0.088524	-2.554695	0.01062809	0.130812519
TMC6	-0.252843	0.098976	-2.554596	0.0106311	0.130812519
CD53	-0.270667	0.105953	-2.554594	0.01063117	0.130812519
GORASP2	-0.357618	0.140004	-2.554347	0.01063871	0.130812519



LCP1	-0.243043	0.095177	-2.553589	0.01066191	0.1309563
PAFAH1B2	0.231839	0.090809	2.553051	0.01067838	0.131017229
ENSG00000249249	-0.815392	0.319656	-2.55084	0.01074638	0.131709658
ENSG00000273669	-1.480241	0.580659	-2.549241	0.01079576	NA
PLEKHB2	0.346566	0.136026	2.547782	0.01084102	0.13236327
LDLRAD4	0.441163	0.173168	2.547599	0.0108467	0.13236327
PRMT1	-0.263529	0.103447	-2.54748	0.01085042	0.13236327
SLC2A5	-0.828871	0.32539	-2.54732	0.01085539	0.13236327
METTL15	-0.411096	0.161392	-2.547182	0.01085967	0.13236327
ARRDC5	0.815549	0.320246	2.546635	0.01087671	0.13236327
ORAI2	0.215828	0.084766	2.546159	0.01089156	0.13236327
HYOU1	-0.648803	0.25482	-2.546122	0.01089271	0.13236327
TCL1B	-1.367421	0.537501	-2.544032	0.0109581	0.132918173
ENSG00000246528	-1.402147	0.551177	-2.543917	0.01096172	0.132918173
ENSG00000260708	-0.706028	0.277634	-2.543018	0.01098997	0.133118881
ZFP1	-0.756616	0.297703	-2.541511	0.01103744	0.133551852
ENSG00000227070	-1.954816	0.769294	-2.541051	0.01105199	NA
ATXN3	0.261252	0.102877	2.539472	0.01110201	0.134190507
ENSG00000272462	2.029764	0.799679	2.538222	0.01114172	NA
CNNM4	1.675273	0.66012	2.537829	0.01115424	0.134678849
H2AFV	-0.199594	0.078693	-2.536374	0.01120071	0.135096637
ARF1	-0.202138	0.079712	-2.535867	0.01121693	0.135149178
ENSG00000260000	1.291269	0.509401	2.534879	0.0112486	0.135348235
ENSG00000253948	-0.72045	0.284261	-2.534471	0.01126173	0.135348235
VAT1	0.491344	0.193897	2.534047	0.01127535	0.135348235
NINJ1	-0.507495	0.200284	-2.533872	0.011281	0.135348235
ARPC5L	-0.228321	0.090154	-2.532559	0.01132333	0.13564763
SELENOT	-0.182295	0.071988	-2.532279	0.01133237	0.13564763
SAP18	-0.128338	0.050686	-2.531991	0.0113417	0.13564763
PUF60	-0.316794	0.125238	-2.529529	0.01142156	0.136396464
BFAR	-0.259771	0.102704	-2.529323	0.01142827	0.136396464
SLC15A3	0.75757	0.299614	2.528489	0.01145546	0.136453361
COMMD2	-0.3126	0.123649	-2.528124	0.01146738	0.136453361
PSMC1	-0.215822	0.08537	-2.528075	0.01146899	0.136453361
PLTP	-1.071969	0.424094	-2.527666	0.01148235	0.136469779
FOXK1	-0.323861	0.128195	-2.526323	0.01152634	0.13668222
ZNF552	0.613265	0.242777	2.526037	0.01153575	0.13668222
KLHL28	0.427284	0.169153	2.526022	0.01153624	0.13668222
CCDC117	0.678214	0.268638	2.524635	0.01158185	0.137079995
SNRNP35	-0.321174	0.127239	-2.52417	0.01159718	0.137118906
ENSG00000259804	-1.517804	0.601632	-2.52281	0.01164212	0.137507431
CD63	0.414322	0.164324	2.52138	0.01168955	0.137924541
NEK7	0.557774	0.221352	2.519849	0.0117405	0.138382365
POLR3K	0.243603	0.096696	2.519273	0.01175974	0.13846572
SARAF	0.214722	0.085271	2.518122	0.01179825	0.138775656
MRPL28	-0.259968	0.103284	-2.517027	0.01183498	0.139043187
SNX5	0.280093	0.111293	2.516716	0.01184542	0.139043187

<i>KIDINS220</i>	0.591536	0.235113	2.515965	0.01187071	0.139196649
<i>C2orf15</i>	-1.074437	0.427228	-2.514901	0.0119066	0.139469387
<i>ADRM1</i>	-0.267624	0.106444	-2.514219	0.01192964	0.139469387
<i>PGK1</i>	-0.27207	0.108221	-2.514023	0.01193626	0.139469387
<i>ARL4D</i>	0.795118	0.316298	2.513825	0.01194297	0.139469387
<i>FGF9</i>	-1.367257	0.544195	-2.512439	0.01198998	0.139874859
<i>RIPOR1</i>	0.330336	0.131514	2.511791	0.01201201	0.139988435
<i>CCDC66</i>	0.343794	0.136934	2.510644	0.01205113	0.140300724
<i>DDB2</i>	-0.28235	0.112481	-2.510209	0.01206597	0.140330004
<i>PCNP</i>	-0.191736	0.076429	-2.50869	0.01211798	0.140791192
<i>C17orf51</i>	1.61038	0.642079	2.508072	0.0121392	0.1408939
<i>RTL10</i>	1.143342	0.456019	2.507223	0.01216838	0.14108878
<i>GTF2F1</i>	0.270745	0.108018	2.506488	0.01219373	0.141238842
<i>ETNK1</i>	0.355822	0.142032	2.505223	0.01223741	0.141600753
<i>ENSG00000233461</i>	-0.451357	0.180215	-2.504544	0.01226093	0.141728842
<i>COMMD8</i>	-0.292786	0.116975	-2.502975	0.01231544	0.142194018
<i>TP53TG1</i>	-0.275218	0.10997	-2.502667	0.01232615	0.142194018
<i>HIGD1A</i>	-0.327919	0.131106	-2.501181	0.012378	0.14249983
<i>BAK1</i>	-0.442414	0.176907	-2.500836	0.01239006	0.14249983
<i>DDX5</i>	-0.260237	0.104082	-2.500312	0.01240838	0.14249983
<i>ISOC2</i>	-0.400832	0.160318	-2.500233	0.01241116	0.14249983
<i>CXCR4</i>	0.279198	0.111674	2.500117	0.01241523	0.14249983
<i>GABARAPL1</i>	1.143316	0.457479	2.499167	0.01244857	0.142738545
<i>SDSL</i>	2.264314	0.906227	2.498617	0.0124679	0.142816367
<i>FAM234B</i>	1.367705	0.547985	2.495879	0.01256453	0.14374506
<i>ZNF91</i>	0.320561	0.12845	2.495606	0.01257422	0.14374506
<i>ALOX5AP</i>	0.395889	0.158699	2.494588	0.01261033	0.143940115
<i>WDR74</i>	0.279534	0.112068	2.494334	0.01261938	0.143940115
<i>BOP1</i>	-0.469722	0.188336	-2.494057	0.01262921	0.143940115
<i>SUDS3</i>	0.27288	0.109453	2.493121	0.01266258	0.144176158
<i>CXorf56</i>	-0.494044	0.198193	-2.49274	0.01267616	0.144186587
<i>KIF22</i>	-0.444467	0.17843	-2.490984	0.01273899	0.144756643
<i>PSMD6.AS2</i>	1.687168	0.677472	2.49039	0.0127603	0.144854193
<i>SH3TC1</i>	0.421906	0.169595	2.487729	0.01285615	0.145796978
<i>ENSG00000257275</i>	-1.147503	0.461617	-2.485833	0.01292487	0.146430421
<i>ENSG00000259888</i>	2.325056	0.935727	2.484759	0.01296392	NA
<i>TNKS1BP1</i>	-1.538451	0.619315	-2.484116	0.01298734	NA
<i>GGT1</i>	-1.101101	0.443284	-2.483964	0.0129929	0.146784332
<i>PTAFR</i>	-0.885852	0.356676	-2.483632	0.013005	0.146784332
<i>IDH3G</i>	-0.268289	0.108026	-2.483558	0.01300771	0.146784332
<i>ESF1</i>	0.251714	0.101353	2.483536	0.01300853	0.146784332
<i>LRRK2</i>	0.504547	0.203184	2.483206	0.01302057	0.146784332
<i>RP2</i>	0.654292	0.263539	2.482718	0.01303843	0.146815235
<i>NBPF9</i>	0.809397	0.326093	2.482104	0.01306093	0.146815235
<i>COX14</i>	-0.176766	0.071217	-2.482075	0.01306199	0.146815235
<i>RGL1</i>	-2.725948	1.098491	-2.481538	0.01308166	NA
<i>ENSG0000092330</i>	-0.224482	0.090489	-2.480762	0.01311017	0.14704952

<i>NDUFAF3</i>	-0.202375	0.081579	-2.480712	0.01311204	0.14704952
<i>LIMD2</i>	-0.22391	0.09027	-2.480452	0.01312158	0.14704952
<i>SFT2D2</i>	0.424082	0.171094	2.478653	0.01318794	0.14764783
<i>SLC27A4</i>	-1.028986	0.415266	-2.4779	0.01321583	0.147814759
<i>KLK2</i>	1.76354	0.712005	2.476864	0.01325423	0.148098744
<i>TMC8</i>	-0.272341	0.110034	-2.475062	0.01332131	0.148337646
<i>ZNF628</i>	-0.751506	0.30364	-2.47499	0.01332401	0.148337646
<i>TMED2</i>	-0.179019	0.072332	-2.474957	0.01332523	0.148337646
<i>CERS4</i>	-0.265973	0.107469	-2.47489	0.01332772	0.148337646
<i>BLZF1</i>	0.588301	0.237898	2.472908	0.01340186	0.149017184
<i>TUBB4B</i>	-0.328808	0.133097	-2.470437	0.01349483	0.149904487
<i>SCAF11</i>	0.146606	0.059358	2.469864	0.01351642	0.149998058
<i>NUP50.DT</i>	-0.813324	0.329397	-2.469126	0.01354434	0.150161442
<i>C1orf109</i>	0.512984	0.207917	2.467249	0.01361556	0.150804258
<i>DNAJB1</i>	0.440152	0.178426	2.466863	0.01363025	0.150820232
<i>AHCYL1</i>	0.443945	0.180099	2.465	0.01370133	0.151328987
<i>ENSG00000131408</i>	0.213464	0.086599	2.464961	0.01370281	0.151328987
<i>RBM39</i>	0.134528	0.054586	2.464534	0.01371916	0.151362702
<i>METRNL</i>	1.217334	0.494956	2.459478	0.01391391	0.153362848
<i>TLR4</i>	-2.163997	0.879934	-2.459273	0.01392188	NA
<i>ENSG00000268403</i>	-0.623928	0.253778	-2.458552	0.01394986	0.153504085
<i>UPP1</i>	0.708443	0.288166	2.458453	0.01395369	0.153504085
<i>RGS10</i>	0.298272	0.121392	2.457108	0.01400607	0.15393162
<i>SMAD4</i>	0.503826	0.205477	2.451986	0.01420701	0.155927653
<i>SNRPG</i>	-0.143429	0.0585	-2.451782	0.01421508	0.155927653
<i>GKAP1</i>	0.463908	0.189275	2.450972	0.01424708	0.156128293
<i>MTHFR</i>	0.446973	0.182405	2.450448	0.01426786	0.156160096
<i>ZC3H6</i>	0.457652	0.186781	2.450207	0.01427742	0.156160096
<i>PDK2</i>	-0.457412	0.186758	-2.449219	0.01431665	0.15643899
<i>BROX</i>	0.260914	0.10662	2.447126	0.01440006	0.157199502
<i>ENSG00000237976</i>	-0.926679	0.378781	-2.44648	0.01442588	0.157330544
<i>ENSG00000226571</i>	1.030504	0.421294	2.446045	0.0144433	0.157369776
<i>PTPRJ</i>	1.245054	0.509611	2.443146	0.01455985	0.158487975
<i>SPATA13</i>	0.707886	0.289879	2.442004	0.01460598	0.158838281
<i>GSDME</i>	-1.199555	0.491323	-2.441478	0.01462729	0.158918269
<i>POLH</i>	0.759813	0.311351	2.44037	0.01467224	0.159244057
<i>CNIH1</i>	0.282838	0.115921	2.439915	0.01469071	0.159244057
<i>GPR146</i>	0.783709	0.321241	2.43963	0.01470231	0.159244057
<i>CD55</i>	-0.274463	0.112514	-2.439362	0.01471322	0.159244057
<i>TMEM109</i>	0.34701	0.142335	2.437977	0.0147697	0.159703478
<i>REV1</i>	0.390671	0.160286	2.43734	0.01479578	0.159752584
<i>PCOLCE</i>	1.042704	0.427832	2.43718	0.0148023	0.159752584
<i>FABP5</i>	0.502648	0.206321	2.436244	0.01484066	0.159913057
<i>NOTCH1</i>	0.739119	0.303542	2.434982	0.01489252	0.159913057
<i>FANCB</i>	-1.014061	0.416505	-2.434691	0.0149045	0.159913057
<i>SOS1</i>	0.49467	0.203187	2.434558	0.01490997	0.159913057
<i>ENSG00000132481</i>	-0.90414	0.371428	-2.434226	0.01492368	0.159913057

ZDHC4	0.301876	0.124032	2.433852	0.01493909	0.159913057
MID1IP1	0.492142	0.202222	2.433676	0.01494636	0.159913057
IGFBP4	-0.963446	0.395913	-2.433479	0.01495449	0.159913057
RAPGEF2	0.976854	0.401431	2.433429	0.01495656	0.159913057
RGS17	-1.355582	0.557072	-2.433404	0.01495762	0.159913057
GTSF1	-0.625603	0.25745	-2.429996	0.01509899	0.161273089
HSPA1A	1.312088	0.540033	2.429642	0.01511376	0.1612795
MPZL1	0.528297	0.217516	2.428773	0.01515001	0.161503723
SLF1	0.409225	0.168512	2.428459	0.01516314	0.161503723
MDH2	-0.207088	0.0853	-2.427769	0.01519203	0.161660208
BABAM2	-0.393799	0.16228	-2.426664	0.01523836	0.162001862
BET1	0.35046	0.144469	2.425853	0.01527247	0.162006405
CCDC180	-0.974523	0.401736	-2.425782	0.01527545	0.162006405
ENSG00000257354	-0.748517	0.308585	-2.425639	0.01528148	0.162006405
RNF24	0.643748	0.265587	2.423864	0.01535634	0.162405383
BCR	0.785793	0.324199	2.423797	0.01535917	0.162405383
PDK4	1.598314	0.659443	2.423733	0.0153619	0.162405383
IGHA2	-1.263211	0.521442	-2.422534	0.01541267	0.162790923
THOC7	-0.204978	0.084666	-2.421029	0.01547663	0.163230182
FAM184B	-1.640939	0.677827	-2.420881	0.01548293	0.163230182
ABTB2	1.988283	0.821869	2.419222	0.01555376	NA
H2AFJ	-0.416085	0.172092	-2.417806	0.01561439	0.164256333
MAP4K3.DT	0.546221	0.225927	2.417682	0.0156197	0.164256333
CCNT2	0.385008	0.159253	2.417593	0.01562354	0.164256333
POLR2B	-0.227998	0.094344	-2.416666	0.0156634	0.164405064
PHF6	0.367796	0.152217	2.416255	0.01568107	0.164405064
UPF2	-0.158293	0.065519	-2.415985	0.01569271	0.164405064
WIPF2	0.336398	0.139268	2.415477	0.01571464	0.164405064
MAP3K2	0.320777	0.132805	2.415403	0.01571781	0.164405064
KCTD2	1.056069	0.43725	2.415252	0.01572432	0.164405064
BACH1	0.383233	0.158845	2.412622	0.01583822	0.165398483
SLC35B2	-0.342115	0.141816	-2.412388	0.01584839	0.165398483
BCL11B	2.162671	0.896872	2.411349	0.01589365	0.16569344
ENSG00000077463	-0.374809	0.155466	-2.410874	0.01591435	0.16569344
GPX7	0.389983	0.161769	2.410737	0.01592031	0.16569344
IL4R	-0.456911	0.189717	-2.408387	0.0160232	0.166612061
BCDIN3D	0.543507	0.225814	2.406881	0.01608941	0.167147795
ENSG00000271133	-1.471358	0.612158	-2.403561	0.01623627	0.168519798
CCNG2	0.43342	0.180389	2.402692	0.0162749	0.1687272
ZNF250	0.719861	0.299668	2.402196	0.01629695	0.1687272
EIF2AK3	-0.542762	0.225952	-2.402112	0.01630071	0.1687272
TNFRSF14	0.207249	0.086314	2.401097	0.01634599	0.169042135
ADAP1	1.006077	0.419223	2.39986	0.01640134	0.169455031
SNAP23	-0.209907	0.087478	-2.39954	0.01641568	0.169455031
ELK3	0.224984	0.093789	2.398831	0.0164475	0.16962974
FAIM	0.35266	0.147078	2.39778	0.01649476	0.169785964
MRPL12	-0.268821	0.112119	-2.397639	0.01650111	0.169785964

<i>RASGRP2</i>	-0.225822	0.0942	-2.397272	0.01651764	0.169785964
<i>ISCA2</i>	-0.218416	0.091123	-2.396944	0.01653247	0.169785964
<i>NDUFA4</i>	-0.119837	0.049998	-2.396839	0.01653721	0.169785964
<i>TMF1</i>	0.268353	0.112002	2.395972	0.01657635	0.170034479
<i>CCNG1</i>	-0.216404	0.090343	-2.395358	0.01660416	0.170166494
<i>CMTM7</i>	-0.335936	0.14031	-2.394245	0.01665461	0.170530006
<i>C1orf56</i>	-0.286223	0.119573	-2.393716	0.01667865	0.170622778
<i>HIST1H3E</i>	1.206618	0.504391	2.392225	0.01674658	0.171163876
<i>SLC35G5</i>	1.205195	0.503866	2.391895	0.01676163	0.171164081
<i>SRSF3</i>	-0.138268	0.057822	-2.391279	0.0167898	0.171298085
<i>TMEM156</i>	-0.315642	0.132025	-2.390768	0.01681316	0.171382872
<i>ETFRF1</i>	-0.365199	0.152882	-2.38876	0.01690534	0.172017957
<i>IGLC3</i>	-0.448147	0.187664	-2.388026	0.01693916	0.172017957
<i>SEZ6</i>	0.609776	0.255366	2.387851	0.01694721	0.172017957
<i>MRT04</i>	-0.369884	0.154921	-2.387572	0.01696008	0.172017957
<i>LSM7</i>	0.24735	0.103626	2.386949	0.01698883	0.172017957
<i>MAST4</i>	0.912281	0.382216	2.386819	0.01699488	0.172017957
<i>ARID1A</i>	0.267873	0.112238	2.386656	0.01700238	0.172017957
<i>NR5A2</i>	-1.400758	0.587064	-2.386037	0.01703102	0.172017957
<i>KRT10</i>	-0.211233	0.08853	-2.385997	0.01703288	0.172017957
<i>CLCN7</i>	-0.339923	0.142476	-2.385834	0.01704045	0.172017957
<i>LIMK1</i>	0.451287	0.189174	2.38557	0.01705266	0.172017957
<i>PXMP4</i>	-0.609007	0.255297	-2.385482	0.01705676	0.172017957
<i>IDS</i>	0.201988	0.084686	2.38515	0.01707218	0.172021105
<i>GRAP2</i>	0.989957	0.415313	2.383639	0.0171424	0.172575937
<i>ARID3B</i>	0.512164	0.214932	2.382914	0.01717621	0.172763585
<i>PHETA2</i>	1.821283	0.764359	2.382757	0.01718353	NA
<i>KLK1</i>	1.287474	0.540597	2.381579	0.01723859	0.173237922
<i>STRAP</i>	-0.262982	0.110464	-2.380693	0.01728012	0.173502117
<i>APP</i>	0.556629	0.233884	2.379936	0.01731567	0.173622242
<i>TLR7</i>	0.577798	0.242794	2.379788	0.01732258	0.173622242
<i>POLR2I</i>	-0.250013	0.105087	-2.3791	0.01735497	0.17377433
<i>GPR65</i>	0.390253	0.164053	2.378817	0.01736828	0.17377433
<i>NINJ2</i>	-0.437966	0.184208	-2.377559	0.01742766	0.174069734
<i>SLC31A2</i>	1.300688	0.54709	2.377466	0.01743206	0.174069734
<i>ATRX</i>	0.158209	0.066563	2.376819	0.01746264	0.174069734
<i>RHNO1</i>	-0.525028	0.220904	-2.376729	0.01746693	0.174069734
<i>ENSG00000263394</i>	0.970841	0.408504	2.376574	0.01747424	0.174069734
<i>SNRPD3</i>	-0.197425	0.08311	-2.375469	0.01752668	0.174439466
<i>ENSG00000260641</i>	-2.019112	0.850769	-2.373278	0.01763097	NA
<i>TMEM101</i>	0.31414	0.132517	2.37057	0.01776069	0.176614192
<i>ELOA</i>	-0.297595	0.125581	-2.369737	0.01780074	0.176665439
<i>FOLR2</i>	-0.718149	0.303054	-2.369705	0.01780226	0.176665439
<i>FGFR1OP2</i>	0.249787	0.105418	2.369495	0.0178124	0.176665439
<i>HIST1H2AG</i>	1.691772	0.714206	2.368746	0.01784852	0.176869644
<i>TENT4B</i>	0.550037	0.232257	2.368221	0.01787388	0.176966951
<i>CIB1</i>	0.317358	0.134025	2.367898	0.01788946	0.176967328

<i>TTC7A</i>	-0.437313	0.184773	-2.366755	0.01794482	0.177360864
<i>GSDMD</i>	-0.268794	0.113598	-2.366195	0.01797199	0.177475366
<i>SLC25A42</i>	-0.398135	0.168295	-2.36569	0.01799653	0.177563638
<i>MCM6</i>	0.922178	0.390156	2.363611	0.01809781	0.178408354
<i>KLK4</i>	1.799422	0.761511	2.362963	0.0181295	0.178480235
<i>GADD45A</i>	-0.548106	0.232031	-2.362213	0.01816619	0.178480235
<i>ADAM28</i>	0.215418	0.091197	2.362123	0.0181706	0.178480235
<i>SFXN4</i>	-0.61273	0.259414	-2.361976	0.01817782	0.178480235
<i>CBLN3</i>	-0.652289	0.276201	-2.36165	0.01819379	0.178480235
<i>UBE2D3</i>	-0.126196	0.053453	-2.360883	0.01823147	0.178480235
<i>BYSL</i>	0.933433	0.395375	2.360882	0.01823152	0.178480235
<i>NKILA</i>	-1.680653	0.711923	-2.360721	0.01823942	NA
<i>MRPL2</i>	-0.262369	0.111114	-2.360719	0.01823954	0.178480235
<i>PIM1</i>	-0.409211	0.173352	-2.360584	0.01824618	0.178480235
<i>ZFP69B</i>	1.946399	0.824684	2.360174	0.01826638	NA
<i>QRSL1</i>	-0.337304	0.142934	-2.359848	0.01828245	0.178681476
<i>AZIN1.AS1</i>	-1.298493	0.5504	-2.359178	0.01831548	0.178848006
<i>HDX</i>	1.483382	0.628854	2.358865	0.0183309	0.178848006
<i>UQCRH</i>	-0.163911	0.069497	-2.358523	0.01834783	0.17885989
<i>SERPINB1</i>	-0.250558	0.10627	-2.35774	0.01838658	0.17896099
<i>C1orf122</i>	-0.305764	0.129698	-2.357505	0.01839821	0.17896099
<i>GTF3A</i>	-0.167083	0.070886	-2.357047	0.01842092	0.17896099
<i>ATP10D</i>	0.547785	0.232415	2.35693	0.01842673	0.17896099
<i>BEND4</i>	0.903296	0.383302	2.356616	0.01844229	0.17896099
<i>MXI1</i>	0.596754	0.25327	2.356198	0.01846308	0.17896099
<i>ENSG00000224610</i>	-2.132759	0.905228	-2.356045	0.01847067	NA
<i>FNIP1</i>	-0.337602	0.143303	-2.355865	0.01847962	0.17896099
<i>KCTD6</i>	0.518775	0.220271	2.35517	0.01851425	0.17896099
<i>BAX</i>	-0.37787	0.16047	-2.354775	0.01853392	0.17896099
<i>PIK3R1</i>	0.389995	0.165644	2.354409	0.01855217	0.17896099
<i>PPIE</i>	-0.294909	0.125258	-2.354406	0.01855231	0.17896099
<i>FAM217B</i>	0.382042	0.162278	2.354249	0.01856016	0.17896099
<i>C6orf203</i>	0.44492	0.18899	2.354202	0.01856253	0.17896099
<i>MRPL41</i>	-0.178551	0.075888	-2.352827	0.01863129	0.179471924
<i>DCXR</i>	-0.267061	0.113549	-2.351947	0.01867545	0.179669744
<i>POGZ</i>	0.307733	0.13085	2.351789	0.01868338	0.179669744
<i>TCL1A</i>	-0.627904	0.267167	-2.350229	0.01876189	0.180176691
<i>AGRN</i>	-0.964904	0.410578	-2.350112	0.01876775	0.180176691
<i>LAPTM5</i>	-0.203404	0.086585	-2.349184	0.01881462	0.180430728
<i>PAFAH1B1</i>	0.225548	0.09602	2.348961	0.0188259	0.180430728
<i>CCDC138</i>	-0.721319	0.307141	-2.348494	0.01884952	0.180505117
<i>KDM6B</i>	0.419681	0.178778	2.347503	0.01889972	0.180737596
<i>SEC61G</i>	-0.184324	0.078523	-2.347387	0.0189056	0.180737596
<i>JAK3</i>	-0.461986	0.196848	-2.346913	0.01892969	0.180737596
<i>AUTS2</i>	1.201411	0.511944	2.346763	0.01893729	0.180737596
<i>ENSG00000245904</i>	0.351593	0.149876	2.345901	0.01898113	0.181004312
<i>BRK1</i>	-0.136614	0.058246	-2.345445	0.01900437	0.181074226

<i>GLRX3</i>	-0.240696	0.10266	-2.344601	0.01904747	0.181333217
<i>LRRCC1</i>	0.95291	0.406526	2.344032	0.01907655	0.18145833
<i>NFKBIB</i>	-0.354354	0.151222	-2.343266	0.01911575	0.181679355
<i>CELF1</i>	0.209135	0.089275	2.342592	0.01915032	0.181762878
<i>ZMYND8</i>	0.360727	0.154003	2.342336	0.01916346	0.181762878
<i>CNOT3</i>	0.388151	0.165723	2.342161	0.01917242	0.181762878
<i>NDUFAF6</i>	-0.329319	0.1407	-2.340577	0.01925397	0.182384067
<i>TMEM243</i>	0.163285	0.069783	2.33988	0.01928993	0.182421174
<i>ABCB1</i>	1.01428	0.433475	2.33988	0.01928991	0.182421174
<i>ELK1</i>	-0.413381	0.17682	-2.337856	0.01939474	0.183139447
<i>DNA2</i>	-1.172159	0.501396	-2.337792	0.01939805	0.183139447
<i>NUDT13</i>	1.357627	0.580864	2.337254	0.01942597	0.183206221
<i>SNHG32</i>	0.178381	0.076328	2.337036	0.0194373	0.183206221
<i>CASP1</i>	0.505716	0.216421	2.336725	0.01945347	0.183206963
<i>PSMD6</i>	-0.266797	0.11424	-2.335403	0.01952236	0.183703753
<i>ENG</i>	0.79487	0.340436	2.334858	0.01955082	0.183819652
<i>OAS3</i>	0.960993	0.411754	2.333898	0.01960105	0.184139921
<i>SEC61A2</i>	-0.674673	0.289139	-2.333388	0.01962778	0.184181145
<i>TARBP2</i>	-0.404685	0.173447	-2.333197	0.01963779	0.184181145
<i>CARD8</i>	-0.262014	0.112357	-2.331978	0.01970186	0.184629915
<i>MRPL34</i>	-0.203932	0.08747	-2.331451	0.0197296	0.184737837
<i>EPRS</i>	-0.305223	0.131011	-2.329742	0.01981979	0.185429883
<i>YWHAG</i>	0.331089	0.142141	2.329295	0.01984344	0.185498725
<i>LTBP3</i>	0.278726	0.119695	2.32863	0.01987869	0.18556955
<i>SYNPO</i>	-0.82446	0.354068	-2.328537	0.01988362	0.18556955
<i>ZNF267</i>	-0.338326	0.145332	-2.327959	0.0199143	0.185591152
<i>ENSG00000280433</i>	-1.028761	0.441931	-2.327879	0.01991853	0.185591152
<i>SIGIRR</i>	-0.264875	0.113842	-2.326686	0.01998199	0.185920243
<i>PRDX3</i>	0.295373	0.126955	2.326601	0.01998651	0.185920243
<i>C16orf74</i>	-0.39101	0.168128	-2.325669	0.02003621	0.186084331
<i>CENPC</i>	-0.289117	0.124316	-2.325657	0.02003683	0.186084331
<i>INPP5F</i>	0.753375	0.324125	2.324334	0.0201076	0.186589355
<i>PHTF2</i>	-0.356323	0.153349	-2.323615	0.02014614	0.186703791
<i>RBX1</i>	-0.131757	0.056707	-2.323492	0.02015273	0.186703791
<i>ITGAM</i>	-0.590877	0.25439	-2.322725	0.02019392	0.18693334
<i>BAG6</i>	-0.24655	0.106174	-2.322143	0.02022524	0.187071177
<i>S100A10</i>	-0.41006	0.176691	-2.320779	0.0202988	0.187599132
<i>KDELR2</i>	-0.282172	0.121619	-2.320134	0.0203336	0.187768371
<i>PIP4P2</i>	0.533153	0.229922	2.318847	0.02040335	0.188259732
<i>SBDS</i>	-0.248096	0.107046	-2.317665	0.02046753	0.188698987
<i>USF1</i>	-0.729659	0.314891	-2.317178	0.02049406	0.188790741
<i>FANCL</i>	0.735084	0.317353	2.316297	0.02054204	0.189079773
<i>CBWD2</i>	-0.463302	0.200069	-2.315717	0.02057373	0.189218466
<i>ENSG00000007237</i>	1.078939	0.466266	2.314002	0.02066762	0.189928621
<i>PVT1</i>	-0.545624	0.235979	-2.312175	0.02076806	0.190405223
<i>FDPS</i>	-0.183729	0.079467	-2.31201	0.02077713	0.190405223
<i>ROMO1</i>	-0.160351	0.069366	-2.311649	0.02079706	0.190405223

<i>SRP72</i>	-0.220015	0.095187	-2.311404	0.02081055	0.190405223
<i>DCTD</i>	-0.277439	0.120039	-2.311232	0.02082002	0.190405223
<i>CCNJ</i>	-0.872721	0.377614	-2.311144	0.02082491	0.190405223
<i>ABHD15</i>	0.420509	0.181969	2.310881	0.02083942	0.190405223
<i>YWHAE</i>	0.183046	0.07922	2.31059	0.02085554	0.190405223
<i>DCUN1D3</i>	-1.330407	0.575852	-2.310328	0.02086999	0.190405223
<i>ARL6IP6</i>	0.315613	0.136683	2.309091	0.02093855	0.190797073
<i>TAX1BP1</i>	-0.216731	0.093865	-2.308948	0.02094646	0.190797073
<i>DYNLL1</i>	0.207553	0.089918	2.308251	0.02098518	0.190935036
<i>GPR137B</i>	0.883456	0.382797	2.307898	0.02100482	0.190935036
<i>PIM3</i>	-0.79338	0.343786	-2.30777	0.02101191	0.190935036
<i>PSMD9</i>	-0.232882	0.100975	-2.306336	0.02109185	0.191315359
<i>KLF10</i>	-0.580772	0.25182	-2.306299	0.02109391	0.191315359
<i>ENSG00000275964</i>	-0.666843	0.289163	-2.306116	0.02110417	0.191315359
<i>PPA2</i>	-0.296557	0.128786	-2.302716	0.02129481	0.192796347
<i>POLR2L</i>	-0.15613	0.067806	-2.302599	0.02130141	0.192796347
<i>PSMB6</i>	-0.153238	0.066591	-2.301195	0.02138063	0.193359704
<i>SPPL2B</i>	0.22714	0.098722	2.300799	0.02140302	0.19337465
<i>PSMB4</i>	-0.205259	0.089235	-2.300207	0.02143648	0.19337465
<i>PHF3</i>	0.24518	0.1066	2.300005	0.02144793	0.19337465
<i>MYO7B</i>	-1.359557	0.591121	-2.299965	0.02145022	0.19337465
<i>ENSG00000224521</i>	-1.706002	0.742631	-2.297242	0.02160499	NA
<i>PSMC3</i>	-0.216174	0.094126	-2.296656	0.0216384	0.194912544
<i>POLA2</i>	-0.704975	0.306996	-2.296365	0.02165505	0.194912544
<i>NUDT5</i>	-0.253367	0.110409	-2.294809	0.02174405	0.195497115
<i>TTYH3</i>	0.726925	0.316794	2.29463	0.02175433	0.195497115
<i>RER1</i>	-0.229109	0.099918	-2.292966	0.02184998	0.1962018
<i>CRNDE</i>	-1.601689	0.699228	-2.290653	0.02198349	NA
<i>KMT2A</i>	0.213925	0.093393	2.290586	0.02198738	0.19718489
<i>PTTG1IP</i>	0.529582	0.231216	2.290427	0.02199661	0.19718489
<i>LGMIN</i>	0.663175	0.2896	2.289965	0.02202332	0.19718489
<i>AIDA</i>	0.213548	0.093272	2.289532	0.02204846	0.19718489
<i>BMI1</i>	0.31702	0.138468	2.289486	0.0220511	0.19718489
<i>WDR13</i>	-0.315277	0.137719	-2.289275	0.02206337	0.19718489
<i>IFIT3</i>	0.695749	0.304213	2.287046	0.02219316	0.198189272
<i>GCHFR</i>	-0.239236	0.104652	-2.28601	0.0222537	0.198574135
<i>STX11</i>	-0.447319	0.195744	-2.285221	0.0222999	0.198830562
<i>ENSG00000272277</i>	-0.964178	0.421991	-2.284834	0.02232256	0.198876851
<i>EAPP</i>	-0.199872	0.087489	-2.284535	0.0223401	0.198877531
<i>A2M.AS1</i>	-2.405551	1.054999	-2.280145	0.02259909	NA
<i>ENSG00000267121</i>	0.32664	0.143282	2.279695	0.02262581	0.201263629
<i>IGHV1.2</i>	2.071262	0.908779	2.279171	0.02265688	NA
<i>MARK2</i>	0.393841	0.172852	2.278484	0.02269776	0.201746028
<i>UBR1</i>	0.450211	0.197669	2.277598	0.02275056	0.202057628
<i>POLR2J3</i>	0.30915	0.135755	2.277267	0.02277029	0.202075233
<i>HFE</i>	-0.875356	0.384518	-2.276501	0.02281607	0.202323795
<i>ACSF2</i>	-0.413586	0.181724	-2.275905	0.02285172	0.20248221



<i>SMYD5</i>	-0.636399	0.279751	-2.274879	0.0229132	0.202766037
<i>MSH2</i>	-0.4843	0.2129	-2.274776	0.02291937	0.202766037
<i>ATP5F1B</i>	-0.223676	0.098376	-2.273681	0.02298517	0.203055458
<i>CKLF</i>	0.350155	0.154025	2.273363	0.02300431	0.203055458
<i>RAB33B</i>	0.543319	0.239025	2.273069	0.02302204	0.203055458
<i>ZNF74</i>	1.189331	0.523232	2.273046	0.02302341	0.203055458
<i>ENSG00000259943</i>	-0.582878	0.256588	-2.271649	0.02310775	0.203435893
<i>SPTY2D1</i>	0.497001	0.218788	2.27161	0.02311008	0.203435893
<i>ENSG00000276216</i>	-1.361777	0.599521	-2.271443	0.02312015	0.203435893
<i>RGMB</i>	0.917524	0.404016	2.27101	0.02314638	0.203494225
<i>CD74</i>	-0.243202	0.107111	-2.27056	0.0231736	0.203494225
<i>PDE7B</i>	1.0918	0.480917	2.270247	0.02319257	0.203494225
<i>VBP1</i>	-0.216407	0.095327	-2.270154	0.02319827	0.203494225
<i>PODXL2</i>	-0.914576	0.403001	-2.269415	0.02324308	0.203711648
<i>SMARCA4</i>	-0.330171	0.145504	-2.269156	0.02325884	0.203711648
<i>PGD</i>	-0.281383	0.124047	-2.26835	0.02330785	0.203984035
<i>GARS</i>	-0.365817	0.161326	-2.267565	0.02335572	0.204245904
<i>TLCD1</i>	-1.652176	0.728694	-2.267312	0.02337116	NA
<i>GPRIN3</i>	1.21321	0.53527	2.26654	0.02341836	0.204636542
<i>ANAPC15</i>	-0.295997	0.130735	-2.26411	0.02356736	0.205780636
<i>HSH2D</i>	-0.246179	0.10882	-2.262256	0.02368162	0.206619843
<i>RPA3</i>	0.187696	0.082992	2.261598	0.02372224	0.206815761
<i>PSMC5</i>	-0.230315	0.101877	-2.260729	0.02377607	0.20690735
<i>ZNF70</i>	1.02847	0.45493	2.26072	0.02377659	0.20690735
<i>PSMB2</i>	-0.244604	0.108205	-2.260548	0.02378726	0.20690735
<i>TM2D3</i>	0.303671	0.134371	2.259955	0.02382406	0.20706923
<i>GNG11</i>	1.161354	0.51413	2.258874	0.02389123	0.207391852
<i>FADS1</i>	-0.659297	0.291883	-2.258771	0.0238976	0.207391852
<i>APBB1</i>	0.861901	0.381663	2.258276	0.02392844	0.207501291
<i>DENND6B</i>	-0.427136	0.189216	-2.257397	0.02398325	0.207818363
<i>SPATA20</i>	0.875647	0.387999	2.25683	0.0240187	0.207967244
<i>SLC25A5</i>	-0.165817	0.0735	-2.256008	0.0240701	0.208207282
<i>PTPN2</i>	0.247248	0.109605	2.255803	0.024083	0.208207282
<i>TYW3</i>	0.349464	0.154982	2.254865	0.02414179	0.208451352
<i>FAM234A</i>	-0.421327	0.18686	-2.254769	0.02414784	0.208451352
<i>POLE2</i>	1.198928	0.532018	2.253549	0.02422456	0.208955203
<i>PHKG2</i>	-0.332109	0.147401	-2.253106	0.02425247	0.209037584
<i>SOD1</i>	-0.137932	0.061231	-2.252628	0.02428263	0.209139214
<i>BANP</i>	0.336349	0.14935	2.252088	0.02431671	0.209274443
<i>COPS2</i>	-0.304603	0.135304	-2.251251	0.02436962	0.209571382
<i>FCGBP</i>	-1.362771	0.60572	-2.249838	0.02445922	0.209653344
<i>SP110</i>	0.176791	0.078589	2.249552	0.02447742	0.209653344
<i>LACTB2.AS1</i>	-0.83193	0.369832	-2.249479	0.02448204	0.209653344
<i>ITPR2</i>	0.377368	0.16777	2.249308	0.02449288	0.209653344
<i>NAGK</i>	0.276758	0.123076	2.248666	0.02453377	0.209653344
<i>STK38L</i>	-0.483356	0.214958	-2.248602	0.02453782	0.209653344
<i>TNIP2</i>	-0.317087	0.141019	-2.248546	0.02454137	0.209653344

ZFP36L2	0.385855	0.171604	2.248514	0.02454341	0.209653344
NSUN5	-0.219434	0.097591	-2.248491	0.02454487	0.209653344
ENSG00000279278	0.430342	0.19144	2.247927	0.02458087	0.209654966
CYTH2	0.331784	0.14761	2.247702	0.0245952	0.209654966
TMEM170A	0.271363	0.120745	2.247417	0.0246134	0.209654966
GCFC2	-0.474439	0.211112	-2.247334	0.02461872	0.209654966
CYB5R4	-0.223178	0.099366	-2.246032	0.02470198	0.210163531
WNT16	1.250037	0.556605	2.245823	0.02471535	0.210163531
PWWP2A	0.422079	0.188041	2.244611	0.02479314	0.210667694
ENSG00000272758	0.780125	0.347687	2.243758	0.02484795	0.210975974
MGLL	-1.073254	0.478434	-2.243264	0.02487977	0.211088737
ZC3H12A	-0.362815	0.161863	-2.241492	0.0249942	0.211730606
EMP3	-0.174021	0.077643	-2.241303	0.02500643	0.211730606
TRAF2	-0.370818	0.165453	-2.24123	0.02501121	0.211730606
ZNF528	0.64461	0.287665	2.240839	0.02503651	0.211787294
PARP15	0.403233	0.179997	2.240216	0.02507693	0.211964379
TRAF3	-0.334428	0.149302	-2.239942	0.02509468	0.211964379
MFGE8	-0.752129	0.335896	-2.239172	0.02514471	0.212229523
NASP	0.237224	0.105957	2.238861	0.02516493	0.212242914
USP10	0.302694	0.135221	2.23851	0.02518782	0.21227868
OLA1	-0.217316	0.097095	-2.238179	0.02520938	0.212303224
ENTPD1.AS1	0.376512	0.168252	2.237783	0.02523524	0.21236393
ENSG00000255856	-1.807333	0.80839	-2.23572	0.02537009	NA
TOP2A	-1.299239	0.58125	-2.235251	0.02540086	0.213465257
ZNF677	0.586399	0.262346	2.235209	0.0254036	0.213465257
RMI1	0.76999	0.344595	2.23448	0.02545152	0.21355142
NPC2	0.29162	0.130519	2.23432	0.02546201	0.21355142
POU2F1	0.378774	0.169535	2.234197	0.02547012	0.21355142
DAGLB	0.666695	0.298449	2.233868	0.02549176	0.213575551
HEXB	0.28376	0.12705	2.233455	0.02551899	0.213646442
SUGP2	0.285073	0.127751	2.231483	0.02564916	0.214421653
ENSG00000268439	1.462558	0.655429	2.231453	0.02565114	0.214421653
RFX1	0.349659	0.156714	2.231197	0.02566808	0.214421653
MIR762HG	-0.621393	0.278625	-2.230211	0.02573345	0.214810141
ADGRB2	-1.867646	0.837677	-2.229553	0.02577712	NA
LSP1	-0.139924	0.062766	-2.2293	0.02579394	0.215017994
SLC35A3	0.475366	0.213253	2.229121	0.02580589	0.215017994
BCCIP	-0.304763	0.136727	-2.228984	0.025815	0.215017994
ZBTB44	0.234083	0.105051	2.228282	0.0258617	0.215103594
ARL6IP4	-0.152667	0.068514	-2.228262	0.02586306	0.215103594
S100A4	-0.296967	0.133322	-2.227436	0.02591815	0.215374119
SUPV3L1	-0.43627	0.195882	-2.227207	0.02593342	0.215374119
SNX18	0.614176	0.275846	2.226516	0.02597965	0.215600786
CRLF3	0.244343	0.109795	2.225459	0.02605044	0.21603081
MIS18A	0.45893	0.206449	2.222974	0.02621752	0.21725817
SHROOM3	-2.338417	1.052335	-2.222121	0.0262751	NA
AEBP2	0.382027	0.17194	2.221867	0.02629229	0.21763259

<i>MICU2</i>	-0.34956	0.157336	-2.221739	0.02630094	0.21763259
<i>CD2BP2</i>	-0.205576	0.092563	-2.220931	0.02635564	0.217926877
<i>OAS2</i>	0.517154	0.232892	2.220571	0.02638	0.217970004
<i>DHRS4.AS1</i>	0.456606	0.205667	2.220119	0.02641068	0.21806529
<i>PRRG4</i>	2.478839	1.116834	2.219524	0.02645112	NA
<i>DNAAF4</i>	-0.837609	0.377467	-2.219023	0.02648516	0.218521738
<i>INSIG2</i>	0.36663	0.165243	2.218734	0.02650485	0.218525848
<i>MINDY1</i>	1.326998	0.598437	2.217439	0.0265931	0.218906033
<i>C19orf48</i>	0.409683	0.184762	2.217357	0.02659872	0.218906033
<i>TSC22D2</i>	0.422742	0.190664	2.217212	0.02660864	0.218906033
<i>LINC01857</i>	0.811925	0.366487	2.215426	0.02673084	0.219752576
<i>SCAMP2</i>	-0.217361	0.098153	-2.214521	0.02679298	0.220104556
<i>TLK2</i>	0.471465	0.212928	2.214201	0.02681494	0.220126076
<i>ICA1</i>	-1.305978	0.589942	-2.213738	0.02684677	NA
<i>PPCDC</i>	-0.439927	0.198815	-2.212745	0.02691526	0.220790424
<i>SFR1</i>	-0.345329	0.156142	-2.211635	0.02699192	0.221259882
<i>ENSG00000272669</i>	1.634385	0.739218	2.210967	0.02703815	NA
<i>RN7SL832P</i>	1.648246	0.74566	2.210453	0.02707372	NA
<i>SLC25A19</i>	0.383003	0.173271	2.210429	0.02707542	0.221784689
<i>BCL2</i>	-0.305653	0.138325	-2.20968	0.0271274	0.222050765
<i>CYHR1</i>	0.350716	0.15877	2.208949	0.02717819	0.222306668
<i>PTGES2</i>	-0.3482	0.157663	-2.208509	0.02720881	0.222397322
<i>HPRT1</i>	-0.294771	0.133504	-2.207948	0.02724789	0.222557033
<i>RAB1A</i>	0.259573	0.117698	2.20542	0.0274246	0.223783587
<i>MAP3K14</i>	0.416541	0.188887	2.205238	0.02743737	0.223783587
<i>ZNF284</i>	0.816042	0.370137	2.2047	0.02747519	0.223790224
<i>TMUB1</i>	-0.230523	0.104562	-2.204667	0.02747749	0.223790224
<i>TNFSF12</i>	0.32817	0.148951	2.203215	0.02757959	0.224184409
<i>HMOX1</i>	0.412472	0.187222	2.203122	0.02758613	0.224184409
<i>SHPRH</i>	0.348331	0.158126	2.202875	0.02760353	0.224184409
<i>ING2</i>	0.459429	0.20856	2.20286	0.02760465	0.224184409
<i>CPM</i>	1.007934	0.457682	2.202257	0.02764717	0.224369696
<i>UBXN11</i>	-0.501471	0.227772	-2.201636	0.02769102	0.224565479
<i>PDIA3</i>	-0.215986	0.098118	-2.201284	0.02771594	0.224607645
<i>EBLN3P</i>	0.24689	0.112185	2.200726	0.0277554	0.224767417
<i>TNFRSF13C</i>	-0.165249	0.07512	-2.199809	0.02782048	0.225041641
<i>CDK14</i>	-0.480868	0.218607	-2.199691	0.02782881	0.225041641
<i>RERE</i>	0.376818	0.171335	2.199306	0.02785618	0.225041641
<i>N4BP2L2</i>	0.130936	0.05954	2.199135	0.02786832	0.225041641
<i>ZFAND5</i>	0.303727	0.138172	2.198177	0.02793647	0.225104968
<i>PELP1</i>	0.469655	0.213696	2.197771	0.02796546	0.225104968
<i>SETBP1</i>	0.356051	0.162026	2.197491	0.02798537	0.225104968
<i>RRBP1</i>	0.569926	0.259367	2.197375	0.02799369	0.225104968
<i>PPP1CA</i>	-0.157882	0.07185	-2.197371	0.02799396	0.225104968
<i>NR4A2</i>	0.784038	0.356809	2.197359	0.02799479	0.225104968
<i>STK38</i>	-0.300485	0.136799	-2.196548	0.02805277	0.22525649
<i>TRMT6</i>	-0.415359	0.189115	-2.196328	0.02806849	0.22525649

<i>TXNIP</i>	-0.283634	0.129144	-2.196256	0.02807364	0.22525649
<i>ZNF439</i>	0.255371	0.11629	2.195989	0.02809276	0.22525649
<i>LINC00638</i>	1.186105	0.540373	2.194975	0.02816537	0.225348133
<i>THEM4</i>	-0.368639	0.167951	-2.194923	0.02816915	0.225348133
<i>HNRNPA1L2</i>	-0.37756	0.172022	-2.19484	0.02817505	0.225348133
<i>ENSG00000230709</i>	0.551812	0.251427	2.194725	0.02818336	0.225348133
<i>CCL5</i>	-0.683932	0.311943	-2.192488	0.02834427	0.226475658
<i>CLIP1</i>	0.293829	0.13405	2.191935	0.0283842	0.226635716
<i>CYSLTR1</i>	-0.389707	0.177893	-2.190678	0.02847509	0.227202074
<i>LENG8</i>	-0.232388	0.106124	-2.189781	0.02854013	0.227561535
<i>ENSG00000277369</i>	-1.376315	0.628656	-2.189296	0.02857536	NA
<i>LIX1L</i>	0.350239	0.159987	2.18917	0.02858451	0.227755943
<i>MALAT1</i>	0.143718	0.0657	2.187496	0.02870637	0.228566943
<i>ENSG00000263470</i>	-2.087438	0.954293	-2.187419	0.02871197	NA
<i>SPIN2B</i>	0.514065	0.2351	2.186579	0.02877327	0.228910328
<i>APOL3</i>	-0.367487	0.168082	-2.186354	0.02878971	0.228910328
<i>RANBP9</i>	-0.446245	0.20416	-2.185761	0.02883309	0.229040496
<i>UBAP2L</i>	0.328844	0.150472	2.185419	0.02885815	0.229040496
<i>CRIP2</i>	-1.052476	0.481615	-2.185306	0.02886643	0.229040496
<i>CAST</i>	-0.215801	0.098773	-2.184814	0.0289025	0.229098041
<i>PARP11</i>	0.492646	0.225503	2.184658	0.02891392	0.229098041
<i>XPO4</i>	-0.393963	0.18043	-2.183464	0.02900164	0.229633249
<i>HELZ2</i>	0.523949	0.240016	2.182974	0.02903774	0.229759355
<i>CHRNA6</i>	-1.558914	0.714684	-2.181263	0.02916397	NA
<i>IL2RA</i>	-0.601376	0.275787	-2.180581	0.02921444	0.23099693
<i>NUDT12</i>	1.398805	0.641585	2.180235	0.02924004	0.231038906
<i>ADGRE2</i>	1.505991	0.691151	2.17896	0.02933466	0.231494384
<i>UFC1</i>	-0.15603	0.071609	-2.17891	0.02933835	0.231494384
<i>ENSG00000273253</i>	0.617049	0.283295	2.178119	0.02939719	0.231798088
<i>APBB1IP</i>	0.235163	0.107987	2.177692	0.02942897	0.23187823
<i>UBE2T</i>	0.535619	0.245986	2.177436	0.02944809	0.23187823
<i>KCNA3</i>	-0.859755	0.394916	-2.177055	0.02947643	0.231941031
<i>IFIT1</i>	1.804023	0.828771	2.176744	0.02949968	0.231963626
<i>CALHM6</i>	0.404419	0.185874	2.175768	0.02957264	0.23237684
<i>NIFK.AS1</i>	0.425726	0.195797	2.174328	0.02968048	0.233063371
<i>NCBP2AS2</i>	-0.267557	0.123116	-2.173203	0.02976508	0.233566604
<i>GXYLT1</i>	0.454379	0.209126	2.172751	0.02979907	0.233672322
<i>TMEM189</i>	0.44266	0.203904	2.170921	0.02993718	0.234403832
<i>TEX264</i>	-0.254463	0.117247	-2.170316	0.02998293	0.234403832
<i>ZNF780A</i>	0.403257	0.185806	2.170312	0.02998323	0.234403832
<i>TBCD</i>	0.64583	0.29759	2.170202	0.02999156	0.234403832
<i>ENSG00000273117</i>	-1.182932	0.545092	-2.170153	0.02999529	0.234403832
<i>UBE2V2</i>	-0.19763	0.0911	-2.16938	0.03005383	0.234700187
<i>CLDND2</i>	0.712202	0.32871	2.166658	0.03026096	0.236155783
<i>CARS</i>	-0.33331	0.153921	-2.16546	0.03035246	0.236707571
<i>MICB</i>	0.522348	0.241264	2.165048	0.03038403	0.236736849
<i>PSMD4</i>	-0.178976	0.082673	-2.164868	0.03039779	0.236736849

<i>ENSG00000267939</i>	-1.822026	0.842196	-2.163423	0.03050865	NA
<i>ANKRD10</i>	-0.326094	0.150799	-2.162435	0.03058465	0.237984591
<i>ENOX2</i>	-0.420838	0.194631	-2.162238	0.03059981	0.237984591
<i>SNX29</i>	-0.275376	0.127421	-2.161149	0.03068386	0.238475362
<i>SNU13</i>	-0.130817	0.06055	-2.16046	0.03073712	0.23868825
<i>USP34</i>	0.188619	0.087313	2.160252	0.03075318	0.23868825
<i>CCDC144A</i>	0.924674	0.428391	2.158481	0.03089047	0.239590559
<i>CD59</i>	-0.310102	0.143704	-2.157922	0.03093388	0.239763906
<i>TRERF1</i>	-0.885593	0.410495	-2.157381	0.03097597	0.239926797
<i>ACAT2</i>	-0.266527	0.123628	-2.155879	0.03109309	0.240670198
<i>COPS7B</i>	-0.258643	0.120009	-2.155186	0.03114725	0.240925694
<i>PSMA3</i>	-0.201136	0.093343	-2.154797	0.03117769	0.240997397
<i>COX4I1</i>	-0.116744	0.054206	-2.153699	0.03126381	0.241244245
<i>CDC37L1</i>	0.386088	0.179271	2.153655	0.03126723	0.241244245
<i>NAGPA.AS1</i>	1.785399	0.829207	2.153139	0.03130776	NA
<i>EDEM1</i>	-0.274988	0.127718	-2.153093	0.03131141	0.241244245
<i>KLHL26</i>	-0.860925	0.399955	-2.152556	0.03135359	0.241244245
<i>DOCK7</i>	1.09096	0.506852	2.152421	0.03136424	0.241244245
<i>BCL6</i>	0.538152	0.250089	2.151843	0.03140973	0.241244245
<i>ZNF518A</i>	0.257354	0.119599	2.151819	0.0314116	0.241244245
<i>HTRA2</i>	-0.295581	0.137363	-2.151818	0.03141166	0.241244245
<i>ING3</i>	-0.308914	0.143566	-2.151714	0.03141987	0.241244245
<i>ZNF296</i>	-0.316787	0.147261	-2.1512	0.03146039	0.241244245
<i>TRAPPC8</i>	0.396644	0.18439	2.151118	0.03146686	0.241244245
<i>NUAK2</i>	0.275202	0.127947	2.150907	0.03148354	0.241244245
<i>PAQR7</i>	-0.693332	0.322348	-2.150878	0.0314858	0.241244245
<i>ELP6</i>	-0.295612	0.137454	-2.150619	0.03150625	0.241244245
<i>ZNF516</i>	0.991761	0.461264	2.150094	0.03154776	0.241399715
<i>IARS</i>	-0.261243	0.121539	-2.149456	0.03159824	0.241623625
<i>PDLIM1</i>	-0.138065	0.06425	-2.148855	0.03164593	0.241812066
<i>PIP4K2A</i>	-0.231342	0.107671	-2.14861	0.03166536	0.241812066
<i>NFATC2</i>	0.397581	0.185152	2.147321	0.03176773	0.242431202
<i>PM20D2</i>	0.519012	0.241842	2.146079	0.0318667	0.242981161
<i>SIDT1.AS1</i>	-0.567314	0.264374	-2.145881	0.03188247	0.242981161
<i>COPZ1</i>	-0.21088	0.09833	-2.144613	0.03198379	0.243590233
<i>SNHG30</i>	-0.292229	0.13632	-2.143696	0.03205722	0.243986266
<i>FHOD1</i>	0.499112	0.232931	2.142742	0.03213378	0.244405637
<i>CCDC112</i>	0.377288	0.1761	2.142458	0.03215668	0.244416527
<i>HEBP2</i>	-0.501527	0.234167	-2.141751	0.03221354	0.244685376
<i>C12orf42</i>	0.573585	0.267867	2.141308	0.03224919	0.244792851
<i>RSU1</i>	-0.263633	0.12316	-2.140579	0.03230797	0.244913898
<i>GFPT1</i>	0.524898	0.245214	2.140577	0.03230816	0.244913898
<i>MRPL45</i>	0.26962	0.125989	2.140024	0.03235283	0.245089375
<i>GYPC</i>	0.291776	0.136408	2.138995	0.03243609	0.245556749
<i>RETREG2</i>	0.247172	0.115573	2.138666	0.03246273	0.245595096
<i>RNF146</i>	0.323124	0.151168	2.137521	0.03255564	0.246134452
<i>IL6ST</i>	0.879379	0.411517	2.136918	0.0326047	0.246182787

<i>ENSG00000276728</i>	0.542341	0.253828	2.136648	0.03262665	0.246182787
<i>NHSL2</i>	-0.329325	0.154146	-2.136445	0.03264314	0.246182787
<i>NDUFV2</i>	0.16864	0.078937	2.136379	0.03264852	0.246182787
<i>ZFYVE16</i>	0.405641	0.190138	2.133406	0.0328914	0.247850113
<i>TERF1</i>	0.248214	0.116419	2.13208	0.03300025	0.248368679
<i>MIR29B2CHG</i>	0.375195	0.17598	2.132036	0.03300385	0.248368679
<i>UTP14C</i>	0.634967	0.297945	2.131153	0.03307654	0.248751315
<i>ARL5A</i>	0.186054	0.087358	2.129777	0.03319003	0.249440055
<i>ANKRD40</i>	-0.335545	0.157653	-2.128376	0.03330595	0.250146164
<i>ITGA6.AS1</i>	-0.645551	0.303626	-2.126141	0.03349155	0.251171464
<i>ZNF232</i>	0.643168	0.302523	2.12601	0.03350242	0.251171464
<i>DEGS2</i>	1.476816	0.694666	2.125935	0.03350865	0.251171464
<i>NDUFAB1</i>	-0.201612	0.094886	-2.124777	0.03360527	0.2514239
<i>CCT7</i>	-0.186237	0.087651	-2.12475	0.03360752	0.2514239
<i>OSBPL9</i>	-0.283322	0.133345	-2.124737	0.03360857	0.2514239
<i>ALOX5</i>	-0.276892	0.130368	-2.123937	0.03367539	0.251758325
<i>FTH1</i>	0.247894	0.116764	2.12303	0.03375135	0.251996807
<i>PLEKHA1</i>	0.402688	0.189696	2.122803	0.03377034	0.251996807
<i>FMO5</i>	0.830732	0.391344	2.122763	0.03377368	0.251996807
<i>PBXIP1</i>	-0.258336	0.121717	-2.122435	0.03380119	0.25203689
<i>MTHFD2</i>	-0.413098	0.194688	-2.121844	0.03385081	0.252241704
<i>IGF1R</i>	1.420201	0.669974	2.119786	0.03402413	0.253027663
<i>MEF2A</i>	0.339319	0.160118	2.119182	0.03407508	0.253027663
<i>FAM98C</i>	0.313264	0.147842	2.118915	0.03409762	0.253027663
<i>TRIM35</i>	0.839711	0.396298	2.118888	0.03409996	0.253027663
<i>ENSG00000270562</i>	1.15662	0.545944	2.118567	0.03412707	0.253027663
<i>OTUB1</i>	-0.195456	0.092261	-2.118509	0.03413195	0.253027663
<i>TMEM237</i>	1.674042	0.790212	2.118473	0.03413506	NA
<i>ARHGAP5</i>	0.568218	0.268238	2.118336	0.03414663	0.253027663
<i>CD200</i>	0.770205	0.36359	2.118331	0.03414708	0.253027663
<i>POLR3D</i>	0.421808	0.199139	2.118161	0.03416146	0.253027663
<i>SCARB1</i>	-1.060393	0.500694	-2.117845	0.03418823	0.253027663
<i>MRPL3</i>	-0.27013	0.127558	-2.117697	0.03420074	0.253027663
<i>TAMM41</i>	0.588141	0.277873	2.11658	0.03429554	0.253203433
<i>PIP5K1B</i>	0.610286	0.288338	2.116563	0.03429697	0.253203433
<i>PPP6C</i>	-0.219526	0.103723	-2.116474	0.03430452	0.253203433
<i>GTF2H5</i>	-0.24674	0.116596	-2.116203	0.03432758	0.253203433
<i>BLVRA</i>	-0.432603	0.204433	-2.116107	0.03433568	0.253203433
<i>SET</i>	-0.152402	0.072036	-2.115627	0.03437653	0.25321578
<i>SDHB</i>	-0.185193	0.087538	-2.115565	0.03438184	0.25321578
<i>FAM216A</i>	0.44976	0.212664	2.114883	0.03443991	0.25331665
<i>NAGS</i>	1.237353	0.585111	2.114733	0.03445273	0.25331665
<i>TMEM106A</i>	0.335589	0.158699	2.114621	0.03446228	0.25331665
<i>MANBA</i>	0.337927	0.159831	2.11428	0.03449137	0.253366902
<i>LARP7</i>	-0.200502	0.094889	-2.113023	0.03459884	0.253992488
<i>KCNN1</i>	1.698386	0.803881	2.112732	0.03462368	NA
<i>VAPA</i>	-0.154568	0.073187	-2.111961	0.03468976	0.254495905

AHI1	0.351184	0.166322	2.111464	0.03473248	0.254645212
ENSG00000272871	0.937503	0.444131	2.110871	0.03478337	0.254854241
LINC01250	-3.131219	1.483587	-2.110574	0.03480898	NA
MDS2	-1.182526	0.560301	-2.110519	0.03481372	0.254912512
CEP170	0.312034	0.147869	2.110207	0.03484052	0.254944843
SH3RF1	-0.83762	0.397012	-2.109808	0.03487489	0.255032449
MED28	0.191446	0.09076	2.109364	0.0349132	0.255148708
RNASEH2C	-0.138185	0.065548	-2.108163	0.03501689	0.255742373
FAM133B	0.149338	0.070861	2.107468	0.035077	0.256017148
ENSG00000261770	1.289838	0.612316	2.10649	0.03516179	0.256271086
LRRC7	-0.763264	0.362352	-2.106413	0.03516848	0.256271086
UTP4	-0.411346	0.195294	-2.106288	0.03517932	0.256271086
RSL1D1	-0.155223	0.073713	-2.105788	0.0352228	0.256423759
KLHL34	1.657041	0.787324	2.104649	0.03532184	NA
ASAH1	0.355673	0.169035	2.104142	0.03536607	0.257302284
ENSG00000271746	-1.427301	0.678623	-2.103231	0.03544557	NA
MED8	-0.269606	0.128214	-2.102778	0.03548518	0.257879742
DPH5	0.28164	0.133941	2.102714	0.03549074	0.257879742
ZNF485	0.970984	0.46192	2.102063	0.03554778	0.258129471
LPAR2	-0.589229	0.2804	-2.101387	0.03560699	0.258394656
B3GALNT2	0.515933	0.245696	2.09988	0.0357394	0.259100316
PEX16	-0.225549	0.107438	-2.099346	0.03578638	0.259100316
TACO1	-0.353594	0.168433	-2.099309	0.03578966	0.259100316
DMAP1	-0.287324	0.13687	-2.099246	0.03579526	0.259100316
BOLA1	0.349672	0.166595	2.098941	0.03582211	0.259129967
INO80B	0.417098	0.198746	2.098649	0.03584786	0.25915155
FOXP4	0.663615	0.316394	2.097435	0.03595505	0.259761555
AHR	-0.574787	0.27413	-2.096767	0.03601419	0.259955273
NDUFV3	0.264824	0.12631	2.096617	0.03602753	0.259955273
DUT	-0.146186	0.069759	-2.095586	0.03611892	0.260374241
MRPS35	-0.274286	0.130896	-2.095446	0.03613133	0.260374241
DNAJC3.DT	0.956413	0.456522	2.094997	0.03617128	0.260497295
ZNF385A	0.940442	0.44904	2.094341	0.03622965	0.260752724
KDM2B	-0.247263	0.118128	-2.093167	0.03633428	0.261246345
PFDN2	0.166002	0.079311	2.093056	0.03634413	0.261246345
MTAP	0.478886	0.228846	2.092618	0.03638329	0.261362863
VAMP3	-0.292446	0.139824	-2.091526	0.03648097	0.261826983
AZIN1	-0.243781	0.116565	-2.091381	0.03649389	0.261826983
CSDE1	-0.142548	0.068195	-2.090312	0.03658975	0.262331591
NAV2	-1.135472	0.543266	-2.090083	0.0366103	0.262331591
MAVS	0.307204	0.147092	2.08851	0.03675189	0.263180481
PDPR	-0.616332	0.295193	-2.087897	0.03680713	0.263407653
TAF9	-0.199268	0.095451	-2.087645	0.03682988	0.263407653
RARA.AS1	0.703981	0.337316	2.087005	0.03688764	0.263511664
ENSG00000254531	0.485694	0.232727	2.086972	0.03689071	0.263511664
SNX10	-0.296366	0.142033	-2.086604	0.03692391	0.26351546
RACGAP1	-0.745042	0.357122	-2.086241	0.03695682	0.26351546

<i>BLOC1S3</i>	0.414578	0.198724	2.086198	0.03696067	0.26351546
<i>RARA</i>	-0.273034	0.130903	-2.085774	0.0369991	0.263624378
<i>METTL23</i>	-0.167994	0.080571	-2.085052	0.03706461	0.263925998
<i>FCER2</i>	-0.763355	0.366157	-2.084776	0.03708967	0.263939382
<i>SNHG25</i>	-0.33541	0.160937	-2.084104	0.03715074	0.264208849
<i>WWP1</i>	0.511222	0.245403	2.083197	0.03723331	0.264630725
<i>POR</i>	-0.388654	0.186719	-2.081487	0.03738936	0.265540092
<i>CLNS1A</i>	0.283795	0.136366	2.081118	0.0374231	0.265540092
<i>ALDH6A1</i>	0.502928	0.241698	2.080813	0.03745101	0.265540092
<i>LZTFL1</i>	0.651398	0.313069	2.080686	0.03746261	0.265540092
<i>ENSG00000272189</i>	1.001026	0.481145	2.080507	0.03747905	0.265540092
<i>FBXL12</i>	-0.370068	0.177895	-2.080266	0.03750118	0.265540092
<i>FAM177A1</i>	-0.212141	0.102012	-2.079564	0.03756556	0.265718383
<i>SCAMP3</i>	-0.285409	0.13725	-2.079482	0.03757304	0.265718383
<i>SRA1</i>	-0.242225	0.116516	-2.078898	0.03762673	0.265932917
<i>SLTM</i>	0.158493	0.076262	2.078265	0.03768497	0.266179286
<i>DERL1</i>	-0.246153	0.118486	-2.077483	0.03775705	0.266459882
<i>DCK</i>	-0.144862	0.069746	-2.077001	0.03780146	0.266459882
<i>ARF4</i>	-0.298756	0.143849	-2.076869	0.03781364	0.266459882
<i>PCK2</i>	-0.424394	0.204348	-2.076819	0.0378183	0.266459882
<i>ENSG00000228434</i>	0.382708	0.184312	2.076411	0.03785593	0.266560063
<i>PATL2</i>	0.364449	0.175623	2.075173	0.03797048	0.267201432
<i>CNKS3</i>	-1.158748	0.558542	-2.074594	0.03802418	0.267414005
<i>ZNF506</i>	0.325285	0.156819	2.07427	0.03805425	0.267460285
<i>FAM41C</i>	-0.538853	0.25986	-2.073625	0.03811419	0.267646681
<i>ARL11</i>	0.467167	0.225321	2.073342	0.03814044	0.267646681
<i>SKA2</i>	-0.272679	0.131524	-2.073226	0.03815129	0.267646681
<i>ZNF430</i>	0.215546	0.104003	2.072499	0.03821895	0.267956234
<i>GATAD2B</i>	0.308534	0.148992	2.070816	0.03837601	0.268712649
<i>BCL2A1</i>	-0.381107	0.184051	-2.070656	0.038391	0.268712649
<i>NEB</i>	1.193679	0.576494	2.070585	0.03839764	0.268712649
<i>DCTN3</i>	-0.211833	0.102357	-2.069556	0.03849398	0.269221417
<i>TLE4</i>	-0.389209	0.188115	-2.068996	0.03854649	0.269423193
<i>LYN</i>	0.237825	0.115035	2.067416	0.03869496	0.270189617
<i>H2AFY</i>	-0.198238	0.095891	-2.067324	0.03870361	0.270189617
<i>SCCPDH</i>	0.369098	0.178686	2.065621	0.0388643	0.271145164
<i>CEP126</i>	0.62897	0.304563	2.065154	0.03890843	0.271286855
<i>ATF3</i>	-0.79091	0.383123	-2.064375	0.0389822	0.271634859
<i>GLRX2</i>	0.333318	0.161684	2.061534	0.0392521	0.273348285
<i>TWINK</i>	-0.676239	0.328126	-2.060913	0.03931137	0.273416929
<i>JTB</i>	-0.103045	0.050001	-2.060865	0.03931593	0.273416929
<i>CD2</i>	-2.306236	1.119233	-2.060551	0.03934591	NA
<i>ENSG00000229255</i>	-1.387686	0.673481	-2.060468	0.03935381	NA
<i>RARS</i>	0.292035	0.141732	2.060466	0.03935397	0.273416929
<i>TFRC</i>	-0.530245	0.257347	-2.060424	0.03935801	0.273416929
<i>ABHD4</i>	0.600663	0.291609	2.059822	0.03941556	0.273649706
<i>CSTF3</i>	0.366746	0.178264	2.057318	0.03965562	0.27514864



<i>MED23</i>	-0.421329	0.2049	-2.056269	0.03975661	0.275670492
<i>LAMC1</i>	1.117449	0.543529	2.055916	0.03979066	0.275670492
<i>PLCB2</i>	0.557548	0.27121	2.055783	0.03980347	0.275670492
<i>PPP3CA</i>	0.183586	0.08933	2.055152	0.03986433	0.275697549
<i>CD1D</i>	0.484891	0.23595	2.055062	0.03987304	0.275697549
<i>GUCD1</i>	-0.228831	0.111354	-2.05499	0.03988002	0.275697549
<i>RAB11FIP3</i>	-1.045402	0.509018	-2.053762	0.03999876	0.276350662
<i>HCFC1</i>	0.356511	0.173692	2.052542	0.04011703	0.276999721
<i>STK26</i>	0.375227	0.182873	2.051843	0.04018496	0.277300566
<i>MRPS24</i>	0.814401	0.396982	2.051481	0.04022009	0.277374885
<i>ABHD14A</i>	0.316385	0.154321	2.050179	0.04034699	0.278081635
<i>SLC5A6</i>	-0.450174	0.219668	-2.04934	0.04042889	0.278429381
<i>C21orf62.AS1</i>	0.844339	0.412079	2.048973	0.04046472	0.278429381
<i>PCCB</i>	-0.578038	0.28212	-2.048911	0.04047081	0.278429381
<i>RNPS1</i>	-0.124504	0.060787	-2.048202	0.04054019	0.278524931
<i>LINC02202</i>	-1.180736	0.576504	-2.048097	0.0405505	0.278524931
<i>EIF4H</i>	-0.161303	0.07876	-2.04802	0.04055808	0.278524931
<i>CASP7</i>	0.398385	0.194695	2.0462	0.04073668	0.279582762
<i>SPATA2L</i>	0.473648	0.231548	2.04557	0.04079873	0.279685886
<i>SEC13</i>	-0.293678	0.143569	-2.045548	0.04080083	0.279685886
<i>DCTPP1</i>	-0.206192	0.100904	-2.043444	0.04100854	0.280888401
<i>PDCL3</i>	-0.270704	0.132485	-2.043271	0.04102559	0.280888401
<i>GNA11</i>	1.395906	0.683466	2.042394	0.04111245	0.281313892
<i>WFS1</i>	-1.40508	0.688079	-2.042035	0.0411481	NA
<i>ATP5F1C</i>	-0.193839	0.094989	-2.040648	0.04128579	0.282330341
<i>PTP4A2</i>	-0.172707	0.084653	-2.040168	0.04133355	0.282382106
<i>YDJC</i>	-0.239327	0.117313	-2.040074	0.04134296	0.282382106
<i>MBOAT2</i>	-1.688592	0.827902	-2.039603	0.0413899	NA
<i>NPHP3</i>	0.381052	0.186855	2.039293	0.04142075	0.282743791
<i>PTPN20</i>	-1.34917	0.66206	-2.037837	0.04156629	0.283567246
<i>GLI4</i>	-0.600314	0.294661	-2.037303	0.04161972	0.283677815
<i>ALDOA</i>	-0.12106	0.059425	-2.037177	0.04163232	0.283677815
<i>COX8A</i>	-0.108718	0.053379	-2.036702	0.04167988	0.283831987
<i>APBB2</i>	-1.215692	0.597039	-2.036202	0.04173005	0.284003808
<i>TTC28</i>	0.62354	0.306372	2.035236	0.04182714	0.284494486
<i>CHP1</i>	-0.232745	0.114385	-2.034745	0.04187655	0.284518238
<i>RPRD2</i>	0.298063	0.14649	2.034705	0.04188061	0.284518238
<i>CEP85L</i>	0.43149	0.212154	2.033851	0.04196659	0.284750739
<i>ENSG00000237491</i>	-0.58088	0.285658	-2.033484	0.04200369	0.284750739
<i>MTX3</i>	-0.539546	0.265338	-2.033426	0.04200955	0.284750739
<i>CYFIP1</i>	-0.953944	0.469144	-2.033373	0.04201486	0.284750739
<i>ZMYM6</i>	0.447637	0.220211	2.032764	0.04207635	0.284874621
<i>IL18BP</i>	-0.747213	0.367597	-2.032697	0.04208318	0.284874621
<i>POLR1B</i>	-0.565726	0.278373	-2.032259	0.04212746	0.285004897
<i>EHD3</i>	-0.521672	0.256756	-2.031784	0.04217552	0.285031944
<i>LY96</i>	0.282265	0.138943	2.031514	0.04220288	0.285031944
<i>GOPC</i>	0.345331	0.169999	2.031366	0.04221792	0.285031944

<i>DPYD</i>	0.74109	0.364848	2.031231	0.04223159	0.285031944
<i>OAZ2</i>	0.18981	0.09347	2.030703	0.04228517	0.285224467
<i>PSMD8</i>	-0.152346	0.075053	-2.029846	0.04237221	0.285507644
<i>ZNF626</i>	0.341341	0.168165	2.029796	0.0423773	0.285507644
<i>TPP1</i>	0.272744	0.134395	2.029419	0.04241567	0.285594958
<i>GDPD1</i>	1.18851	0.585711	2.029175	0.04244042	0.285594958
<i>DYRK1B</i>	0.467209	0.230286	2.02882	0.04247666	0.285669983
<i>ENSG00000258377</i>	-1.338801	0.660165	-2.02798	0.04256226	NA
<i>LINC02413</i>	-0.721535	0.355917	-2.027259	0.0426359	0.286571648
<i>MMAB</i>	-0.259223	0.12792	-2.026452	0.04271845	0.286901033
<i>MTHFD2L</i>	-0.380884	0.187986	-2.026136	0.04275084	0.286901033
<i>ENSG00000260979</i>	-0.728284	0.359461	-2.026042	0.0427605	0.286901033
<i>ENSG00000269983</i>	1.325527	0.654377	2.025634	0.04280228	0.287012226
<i>TOB1</i>	0.354859	0.175231	2.02509	0.0428581	0.287217366
<i>WDR76</i>	-0.410969	0.203046	-2.024022	0.04296793	0.287784031
<i>AP5S1</i>	-0.49991	0.247037	-2.023623	0.04300893	0.287889312
<i>SLFN13</i>	-0.788378	0.389718	-2.022948	0.04307852	0.288185702
<i>IGHG3</i>	0.498481	0.246529	2.022	0.04317631	0.28860915
<i>FBXL17</i>	0.513996	0.254221	2.021844	0.04319252	0.28860915
<i>CRIP1</i>	0.237104	0.117327	2.020878	0.0432924	0.289099281
<i>ZNF420</i>	0.436299	0.215945	2.02042	0.04333987	0.289099281
<i>ZNF257</i>	0.673246	0.333224	2.020399	0.04334204	0.289099281
<i>FAM43A</i>	0.621517	0.307691	2.019941	0.04338954	0.289190044
<i>ZC3H14</i>	0.334401	0.165565	2.019756	0.04340872	0.289190044
<i>PPP3R1</i>	0.416049	0.206014	2.019516	0.0434336	0.289190044
<i>KMT2E</i>	0.105626	0.05231	2.019245	0.04346177	0.289190044
<i>BRD4</i>	0.192904	0.095542	2.019044	0.04348264	0.289190044
<i>SH2B2</i>	-1.159086	0.574213	-2.018564	0.04353251	0.289299552
<i>CBR4</i>	0.274482	0.13599	2.018397	0.04354992	0.289299552
<i>LYZ</i>	1.38644	0.68697	2.018195	0.04357094	NA
<i>ZNF33A</i>	0.214248	0.10622	2.017027	0.04369273	0.289916275
<i>CTNBL1</i>	-0.228751	0.11342	-2.016855	0.0437107	0.289916275
<i>DMD</i>	0.478684	0.237352	2.016774	0.04371915	0.289916275
<i>KCNG1</i>	1.420877	0.704649	2.016433	0.04375475	0.289983489
<i>ENSG00000224934</i>	-1.971117	0.977909	-2.015644	0.04383725	NA
<i>R3HDM4</i>	-0.180717	0.089657	-2.015636	0.04383809	0.290140342
<i>TAF1A</i>	0.53062	0.263272	2.015482	0.04385412	0.290140342
<i>AMIGO2</i>	0.847007	0.420254	2.015463	0.04385615	0.290140342
<i>CDK5RAP1</i>	-0.302392	0.150067	-2.01505	0.04389946	0.290140342
<i>NPAT</i>	-0.29448	0.146145	-2.014989	0.04390583	0.290140342
<i>GPRASP1</i>	1.541166	0.765042	2.014487	0.04395847	NA
<i>CAPN10.DT</i>	0.425877	0.211414	2.014419	0.04396558	0.290366629
<i>EFNA3</i>	0.849456	0.421762	2.014063	0.04400297	0.290445097
<i>GATD1</i>	0.368069	0.182858	2.012871	0.04412822	0.291103063
<i>TRIR</i>	0.104451	0.051913	2.012026	0.04421725	0.291521457
<i>RFESD</i>	-1.104588	0.549298	-2.01091	0.044335	0.292022499
<i>NMNAT1</i>	0.486839	0.24211	2.010819	0.04434454	0.292022499

<i>SGPP1</i>	0.444953	0.221374	2.00996	0.04443543	0.292451916
<i>PRRG2</i>	-0.652407	0.324763	-2.008868	0.0445511	0.293043769
<i>MAN1A1</i>	0.537891	0.267817	2.008426	0.04459803	0.293183146
<i>ZNF500</i>	0.432052	0.215234	2.007361	0.04471123	0.29375765
<i>ZNF441</i>	-0.363664	0.181244	-2.006492	0.04480383	0.293972422
<i>TRMT112</i>	0.137446	0.068505	2.006375	0.04481625	0.293972422
<i>SLC37A2</i>	0.804213	0.400838	2.006327	0.04482137	0.293972422
<i>SPAG1</i>	0.518556	0.258512	2.005929	0.04486385	0.294046562
<i>ENSG00000255284</i>	0.477979	0.238346	2.005397	0.04492067	0.294046562
<i>POLR2J</i>	-0.172268	0.085938	-2.004559	0.04501025	0.294046562
<i>ENO1.AS1</i>	-1.292785	0.644934	-2.004523	0.04501404	NA
<i>GAB1</i>	1.167674	0.582523	2.004512	0.04501521	0.294046562
<i>GALK1</i>	0.329624	0.164466	2.004205	0.04504806	0.294046562
<i>ABTB1</i>	-0.228451	0.114016	-2.003676	0.04510475	0.294046562
<i>TSN</i>	-0.211148	0.105385	-2.003591	0.04511386	0.294046562
<i>CNN2</i>	-0.286875	0.143182	-2.003563	0.04511687	0.294046562
<i>SMCO4</i>	0.551804	0.275414	2.003542	0.04511911	0.294046562
<i>ZNF589</i>	-0.53517	0.267115	-2.003523	0.04512117	0.294046562
<i>NDUFV2.AS1</i>	-0.438963	0.219109	-2.003403	0.04513405	0.294046562
<i>SEC11C</i>	-0.218902	0.109279	-2.00314	0.04516227	0.294046562
<i>STOML1</i>	-0.875596	0.437215	-2.002667	0.04521304	0.294046562
<i>ETV3</i>	0.658882	0.329005	2.002652	0.04521467	0.294046562
<i>HMG2</i>	0.113676	0.056764	2.002602	0.04522005	0.294046562
<i>STAM2</i>	0.589683	0.294526	2.002145	0.04526911	0.29419755
<i>LINC00944</i>	-0.697183	0.348391	-2.001152	0.04537605	0.294724289
<i>EPN2</i>	0.672325	0.336121	2.000248	0.04547351	0.295188909
<i>TMEM208</i>	-0.212369	0.1062	-1.99971	0.04553155	0.295310525
<i>ELF2</i>	0.194883	0.097461	1.999594	0.04554411	0.295310525
<i>XPC</i>	-0.254643	0.127366	-1.999302	0.04557574	0.295319034
<i>IQGAP1</i>	0.171581	0.085829	1.999102	0.0455973	0.295319034
<i>PDS5A</i>	0.270788	0.135492	1.998549	0.04565722	0.295423861
<i>PIGH</i>	-0.32172	0.160983	-1.998473	0.04566538	0.295423861
<i>SMPD2</i>	-0.335815	0.16806	-1.99818	0.04569714	0.295461435
<i>KRAS</i>	0.205385	0.102814	1.997633	0.04575644	0.295557365
<i>SCP2</i>	-0.166532	0.083368	-1.997565	0.04576389	0.295557365
<i>GIMAP7</i>	-2.669102	1.33678	-1.996666	0.04586152	NA
<i>SREBF2.AS1</i>	-0.615028	0.308068	-1.996403	0.04589008	0.296204332
<i>MFSD2B</i>	-0.751783	0.376733	-1.995535	0.04598459	0.296554147
<i>ZBTB32</i>	-0.472615	0.236849	-1.995427	0.04599637	0.296554147
<i>SLC25A25</i>	0.515894	0.258589	1.995034	0.04603917	0.296662122
<i>PPP1R37</i>	0.412794	0.206947	1.994683	0.04607743	0.296709433
<i>THAP3</i>	0.33196	0.166459	1.994242	0.04612564	0.296709433
<i>SYBU</i>	-1.012427	0.507695	-1.994165	0.04613402	0.296709433
<i>BAD</i>	-0.209413	0.105022	-1.993989	0.0461533	0.296709433
<i>PLCL2</i>	-0.413922	0.207607	-1.993774	0.04617681	0.296709433
<i>ZSWIM6</i>	0.606091	0.30407	1.993266	0.04623236	0.29689882
<i>RPL7L1</i>	0.198218	0.09953	1.991533	0.04642231	0.29795063

<i>AFTPH</i>	0.20394	0.102418	1.991259	0.04645247	0.29797623
<i>DHRS11</i>	-0.837461	0.420728	-1.990506	0.0465352	0.298226612
<i>DTX3L</i>	0.347655	0.174676	1.990279	0.04656024	0.298226612
<i>ETV6</i>	-0.280018	0.140699	-1.990189	0.04657008	0.298226612
<i>RBM5</i>	0.225611	0.113407	1.989393	0.04665785	0.298620731
<i>ATG4C</i>	0.306685	0.154275	1.987908	0.04682187	0.299502162
<i>ENSG00000268352</i>	1.589442	0.799589	1.987825	0.04683099	NA
<i>TMEM230</i>	-0.174561	0.08785	-1.98703	0.0469191	0.299955573
<i>RPP25L</i>	-0.258737	0.130249	-1.986485	0.04697954	0.300173397
<i>ZNF395</i>	0.293244	0.147661	1.985934	0.04704071	0.30039567
<i>DTD2</i>	-0.5111	0.257428	-1.985413	0.04709855	0.30059649
<i>TRIM38</i>	0.167652	0.084487	1.984363	0.04721544	0.301005022
<i>SAE1</i>	-0.281942	0.142082	-1.984363	0.04721542	0.301005022
<i>LYRM1</i>	-0.251057	0.126573	-1.983485	0.04731324	0.30134174
<i>COX6A1</i>	-0.11696	0.058969	-1.983414	0.04732119	0.30134174
<i>OTUD1</i>	0.617889	0.311605	1.982925	0.04737586	0.301370606
<i>CD47</i>	0.158388	0.079877	1.982899	0.04737866	0.301370606
<i>RTRAF</i>	-0.119793	0.06044	-1.982021	0.04747685	0.301647974
<i>ZNF292</i>	0.194634	0.098204	1.981928	0.04748731	0.301647974
<i>CRACR2B</i>	-0.624437	0.31513	-1.98152	0.04753303	0.301647974
<i>CDKN2A</i>	-0.774931	0.391133	-1.981248	0.04756342	0.301647974
<i>RBM42</i>	-0.236386	0.119318	-1.981143	0.04757526	0.301647974
<i>PRMT6</i>	0.527092	0.266072	1.981017	0.04758932	0.301647974
<i>PDCD7</i>	0.391464	0.197624	1.980853	0.04760771	0.301647974
<i>HSPA5</i>	-0.319645	0.161442	-1.979934	0.04771091	0.302133699
<i>MST1</i>	1.330508	0.672121	1.979567	0.04775218	0.302187597
<i>AHRR</i>	-1.310865	0.662275	-1.979337	0.04777811	0.302187597
<i>TARBP1</i>	-0.444572	0.224628	-1.979151	0.04779904	0.302187597
<i>MRRF</i>	0.384764	0.194463	1.978592	0.04786191	0.302417132
<i>ENSG00000224220</i>	-0.67378	0.340635	-1.978013	0.0479272	0.302578412
<i>TXLNB</i>	-0.725263	0.366705	-1.977785	0.047953	0.302578412
<i>VPS35</i>	0.199472	0.100884	1.97724	0.04801452	0.302578412
<i>CXorf65</i>	-0.838996	0.424338	-1.977189	0.04802031	0.302578412
<i>LRCH4</i>	-0.172122	0.087057	-1.97711	0.04802924	0.302578412
<i>GRAPL</i>	0.881017	0.445646	1.976943	0.04804806	0.302578412
<i>PWWP2B</i>	0.562526	0.284592	1.976603	0.04808653	0.302578412
<i>SNX21</i>	1.264245	0.639675	1.976387	0.04811093	0.302578412
<i>TXNDC15</i>	0.294988	0.149288	1.975962	0.04815911	0.302578412
<i>CHRNE</i>	1.489995	0.754122	1.975802	0.04817724	0.302578412
<i>DHRS1</i>	-0.289412	0.146491	-1.975636	0.04819604	0.302578412
<i>DONSON</i>	0.937354	0.474549	1.975252	0.04823951	0.302578412
<i>LZTS2</i>	0.532498	0.269636	1.974875	0.04828235	0.302578412
<i>ENSG00000262049</i>	-0.394189	0.199606	-1.974832	0.04828723	0.302578412
<i>LTO1</i>	-0.392347	0.198681	-1.974756	0.0482959	0.302578412
<i>KARS</i>	-0.196168	0.099345	-1.974608	0.04831263	0.302578412
<i>ENSG00000272053</i>	-0.648341	0.328429	-1.974069	0.04837388	0.302795499
<i>PXK</i>	0.29097	0.147449	1.973358	0.04845475	0.302973321

<i>LINC00672</i>	0.650568	0.329691	1.973264	0.04846553	0.302973321
<i>PTCD1</i>	-0.514881	0.260965	-1.972989	0.04849684	0.302973321
<i>KLHL5</i>	-0.325922	0.165201	-1.972884	0.04850873	0.302973321
<i>ERF</i>	0.507834	0.257565	1.971674	0.04864689	0.303669656
<i>EIF3E</i>	0.168396	0.085429	1.971173	0.04870407	0.303859993
<i>HMGCS1</i>	-0.308212	0.15653	-1.969021	0.04895068	0.305015115
<i>ADAM15</i>	0.765381	0.388722	1.968965	0.04895706	0.305015115
<i>TMEM59</i>	-0.117538	0.059699	-1.968856	0.04896959	0.305015115
<i>WDR11</i>	-0.239539	0.1217	-1.968274	0.04903658	0.305015115
<i>PARP12</i>	-0.441403	0.224299	-1.967926	0.04907658	0.305015115
<i>SOGA1</i>	0.52001	0.26427	1.967722	0.04910006	0.305015115
<i>MAD2L1</i>	-0.652494	0.331633	-1.967518	0.04912353	0.305015115
<i>H3F3B</i>	-0.111063	0.056455	-1.967268	0.04915229	0.305015115
<i>PDPK1</i>	0.307101	0.156106	1.967259	0.04915333	0.305015115
<i>APC</i>	0.348693	0.177263	1.9671	0.04917164	0.305015115
<i>LMCD1</i>	-1.181356	0.600589	-1.966994	0.04918389	0.305015115
<i>C4orf36</i>	0.713331	0.362742	1.966496	0.04924136	0.3052053
<i>NCK1</i>	0.225183	0.114566	1.965529	0.04935308	0.30556225
<i>CYB5R1</i>	-0.336082	0.170999	-1.965405	0.04936737	0.30556225
<i>PRR7</i>	-0.585461	0.29792	-1.965161	0.04939565	0.30556225
<i>SLC25A17</i>	0.45408	0.231076	1.965069	0.0494063	0.30556225
<i>CD226</i>	-0.982828	0.50031	-1.964437	0.04947942	0.30575812
<i>DNMT3A</i>	0.466579	0.237545	1.964172	0.04951015	0.30575812
<i>BRD3OS</i>	0.385572	0.196328	1.963922	0.04953915	0.30575812
<i>LRPAP1</i>	-0.188928	0.096211	-1.963678	0.04956749	0.30575812
<i>ENPP4</i>	-0.639681	0.325792	-1.963465	0.04959221	0.30575812
<i>ERLIN1</i>	0.619619	0.31561	1.963243	0.049618	0.30575812
<i>NCKAP5L</i>	0.759262	0.386797	1.962945	0.04965257	0.30575812
<i>IFNAR1</i>	-0.186854	0.095191	-1.962943	0.0496528	0.30575812
<i>FBXL5</i>	-0.26722	0.136189	-1.962126	0.04974776	0.306177302
<i>AP1S3</i>	-0.30821	0.157184	-1.960826	0.04989929	0.3066074
<i>DGAT2</i>	0.67582	0.34467	1.960773	0.04990548	0.3066074
<i>INTS2</i>	0.764816	0.390065	1.960742	0.04990913	0.3066074
<i>CEP19</i>	0.464908	0.237153	1.960373	0.04995219	0.3066074
<i>HUWE1</i>	0.295783	0.150881	1.960372	0.04995229	0.3066074

<b>Cluster 6</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>RPL8</i>	0.291116	0.078616	3.702999	0.000213066	0.999975
<i>RPS5</i>	0.217438	0.064063	3.394151	0.000688418	0.999975
<i>ENSG00000272211</i>	-1.924375	0.586996	-3.278343	0.001044186	0.999975
<i>RPS9</i>	0.324713	0.111146	2.921486	0.003483661	0.999975
<i>GATD3</i>	3.793876	1.342504	2.825971	0.004713757	0.999975
<i>ZBED2</i>	2.666112	0.957528	2.784371	0.005363168	0.999975
<i>IGHA1</i>	-1.029965	0.372817	-2.762654	0.005733349	0.999975
<i>ARRDC3</i>	-1.260022	0.483171	-2.607816	0.009112182	0.999975
<i>MT.ND2</i>	-0.306245	0.124422	-2.461346	0.013841672	0.999975
<i>MT.ND3</i>	-0.342426	0.140316	-2.440388	0.014671479	0.999975
<i>CKS2</i>	1.249205	0.527946	2.366163	0.017973543	0.999975
<i>H3F3B</i>	-0.451573	0.194619	-2.320289	0.02032526	0.999975
<i>CCDC191</i>	-1.459879	0.642009	-2.273921	0.022970712	0.999975
<i>FKBP5</i>	1.523412	0.684697	2.224943	0.026085098	0.999975
<i>ENSG00000279483</i>	-0.50764	0.23418	-2.167736	0.030178767	0.999975
<i>RGCC</i>	2.272594	1.080785	2.102726	0.035489745	0.999975
<i>USP53</i>	1.261884	0.605639	2.08356	0.037200171	0.999975
<i>ZNF107</i>	1.405976	0.680553	2.06593	0.038835044	0.999975
<i>HLA.C</i>	-0.577522	0.282867	-2.041673	0.041183964	0.999975
<i>FCGR2B</i>	1.173359	0.577103	2.033187	0.042033681	0.999975
<i>HLA.A</i>	-0.478721	0.237665	-2.014272	0.043980934	0.999975
<i>MT.CO1</i>	0.170556	0.084934	2.00809	0.04463373	0.999975
<i>RPS6KA2</i>	1.484232	0.739227	2.007816	0.044662896	0.999975
<i>RPS8</i>	0.139498	0.070415	1.981086	0.047581593	0.999975
<i>TCL1B</i>	-1.198105	0.609515	-1.965671	0.04933664	0.999975

<b>Cluster 7</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>NFKBIA</i>	-0.589599	0.108085	-5.454954	4.90E-08	0.000153717
<i>CD83</i>	-0.596054	0.114193	-5.219688	1.79E-07	0.000219207
<i>ENSG00000272211</i>	-1.304309	0.251281	-5.190645	2.10E-07	0.000219207
<i>RSRP1</i>	0.510122	0.111103	4.591446	4.40E-06	0.003453258
<i>RPL8</i>	0.392014	0.088595	4.424784	9.65E-06	0.006058769
<i>IL4R</i>	-0.603296	0.147597	-4.087463	4.36E-05	0.022808867
<i>CKS2</i>	1.314245	0.332853	3.948426	7.87E-05	NA
<i>DHTKD1</i>	-0.720035	0.183639	-3.920932	8.82E-05	NA
<i>ARRDC3</i>	-0.922866	0.238396	-3.871148	0.000108324	0.048560153
<i>HHEX</i>	0.438362	0.115716	3.788267	0.000151702	0.059505099
<i>TNFAIP8L2</i>	1.098924	0.291262	3.772975	0.000161313	NA
<i>LMO4</i>	0.839182	0.228088	3.679203	0.000233964	NA
<i>UCP2</i>	-0.468388	0.128721	-3.638776	0.000273937	0.095512832
<i>CYB5A</i>	-0.644184	0.181004	-3.558953	0.000372336	0.099575711
<i>PFKFB3</i>	-0.663773	0.187778	-3.534837	0.000408027	0.099575711
<i>SPINT2</i>	-0.474838	0.135254	-3.510707	0.000446917	0.099575711
<i>SYNGR2</i>	-0.742773	0.211756	-3.507677	0.000452037	0.099575711
<i>HLA.A</i>	-0.527609	0.150451	-3.506836	0.000453468	0.099575711
<i>VSIR</i>	-1.593327	0.455605	-3.497167	0.000470227	NA
<i>GATD3</i>	2.725647	0.783069	3.480721	0.000500065	NA
<i>YARS</i>	-0.822365	0.236412	-3.478522	0.000504188	0.099575711
<i>ENSG00000273319</i>	0.68188	0.196131	3.476652	0.000507716	0.099575711
<i>THAP5</i>	0.568686	0.166482	3.415895	0.000635727	0.112460356
<i>SLC25A26</i>	-0.578526	0.170352	-3.396068	0.000683615	0.112460356
<i>SRSF5</i>	-0.338015	0.099678	-3.391053	0.000696246	0.112460356
<i>FTL</i>	0.437397	0.129289	3.383085	0.000716765	0.112460356
<i>ALDH2</i>	-1.031022	0.30603	-3.369021	0.000754357	NA
<i>S1PR4</i>	0.631195	0.191337	3.298861	0.000970778	0.145061986
<i>SGK1</i>	-1.427222	0.436534	-3.269442	0.001077599	NA
<i>RPS5</i>	0.171608	0.053141	3.229312	0.001240885	0.176995282
<i>TMEM170A</i>	0.7315	0.228467	3.201776	0.00136583	NA
<i>ATP6V1C2</i>	-2.601158	0.819725	-3.173208	0.001507645	NA
<i>CCDC191</i>	-1.198102	0.378156	-3.168275	0.001533463	NA
<i>EGLN2</i>	0.428155	0.136386	3.139285	0.001693604	0.223077602
<i>UBE2J1</i>	0.533853	0.170173	3.137124	0.001706138	0.223077602
<i>SMIM10</i>	-3.105246	0.992002	-3.130281	0.00174639	NA
<i>SPATA13</i>	1.458187	0.470059	3.102137	0.001921288	NA
<i>LRIF1</i>	0.669042	0.215724	3.101373	0.001926257	NA
<i>POLM</i>	-0.485731	0.157549	-3.083037	0.002048995	0.241153095
<i>ERGIC2</i>	0.545944	0.177197	3.081	0.002063065	0.241153095
<i>PTPN18</i>	0.525551	0.170673	3.079292	0.002074931	0.241153095
<i>SOX4</i>	-1.160561	0.38091	-3.046815	0.002312798	NA
<i>GALNT2</i>	-0.902337	0.29659	-3.042372	0.002347219	0.258279367
<i>IL21R</i>	-0.991515	0.326304	-3.038622	0.002376632	NA
<i>CLEC2B</i>	0.454505	0.14964	3.037322	0.002386903	0.258279367
<i>LTBP3</i>	0.618855	0.205083	3.01758	0.002548016	0.266522484

ZNF384	-0.90725	0.302328	-3.000878	0.002692023	NA
SLC38A2	0.493172	0.164858	2.991489	0.002776203	0.27727229
ZMAT2	-0.392499	0.131451	-2.985894	0.002827506	0.27727229
BLZF1	0.962376	0.322434	2.984717	0.002838405	NA
TTC32	-0.900678	0.301862	-2.983738	0.002847509	NA
TNFRSF13B	1.188875	0.400008	2.972126	0.002957449	0.281226501
ATP5F1EP2	-0.611148	0.207654	-2.943114	0.003249289	0.288292273
TIMM10	-0.545754	0.185467	-2.942594	0.003254751	0.288292273
PNPLA8	0.539085	0.183511	2.937625	0.003307368	0.288292273
NUFIP2	0.618614	0.211229	2.928645	0.003404427	NA
RPS9	0.268888	0.09216	2.91762	0.003527141	0.291458824
HLA.C	-0.569329	0.195148	-2.917415	0.003529457	0.291458824
PSMB10	-0.376336	0.12979	-2.899568	0.003736774	0.300666567
FNBP1	-0.437726	0.1515	-2.88928	0.003861248	0.302914882
ENSG00000166927	-1.011916	0.351132	-2.881865	0.003953289	NA
ZNF213.AS1	-1.064327	0.369396	-2.881259	0.003960901	NA
UNC119	-0.521173	0.181803	-2.866691	0.004147879	0.317464465
ZBED2	1.360155	0.476039	2.857236	0.004273474	NA
TSC22D1	-1.089259	0.381678	-2.853868	0.004319047	NA
RPS15A	0.21629	0.076095	2.842354	0.004478168	0.329987664
ZFP36L2	0.633505	0.223871	2.829776	0.004658059	0.329987664
ENSG00000257275	-0.774008	0.275222	-2.812309	0.004918727	0.329987664
CIRBP	-0.279231	0.099329	-2.811177	0.004936062	0.329987664
LINC00662	0.539275	0.19185	2.810915	0.00494009	0.329987664
COL19A1	-0.704555	0.250692	-2.810444	0.004947324	0.329987664
TPP1	0.476629	0.169983	2.803979	0.005047612	0.329987664
HSH2D	-0.353241	0.126405	-2.794515	0.00519776	0.332868817
NSMAF	0.864556	0.310467	2.784693	0.00535784	NA
RNF130	0.729023	0.262284	2.779523	0.00544388	0.34165788
SLC7A7	-1.472032	0.532204	-2.765916	0.005676308	NA
DDX6	-0.409017	0.148651	-2.751526	0.005931836	0.364982375
ZNF267	-0.471753	0.171855	-2.745064	0.006049904	0.365088445
XRRA1	-0.847882	0.30968	-2.737927	0.006182773	0.36606681
UNC50	0.556374	0.203385	2.735569	0.006227258	NA
CHP1	-0.465002	0.170259	-2.731141	0.006311541	0.366770658
RPLP2	0.206919	0.076733	2.696614	0.007004847	0.399658381
SLC50A1	-0.606358	0.22551	-2.688826	0.00717037	0.401796824
IGHG1	1.300883	0.490485	2.652238	0.007996008	0.42838818
ATP5MGL	-0.977288	0.368573	-2.651545	0.008012438	NA
NOP10	0.387292	0.146104	2.650796	0.008030222	0.42838818
NDUFA7	-0.527851	0.199574	-2.644893	0.008171678	0.42838818
RBM3	-0.299262	0.11335	-2.640162	0.008286646	0.42838818
CLEC2D	-0.298164	0.113005	-2.638495	0.008327495	0.42838818
CLK1	0.488751	0.186085	2.626495	0.008626926	0.436633762
SFXN1	0.602102	0.229929	2.618643	0.008828026	NA
RUBCNL	-0.313043	0.119763	-2.61386	0.008952568	0.445923143
ITGB3BP	-0.518411	0.199336	-2.600686	0.009303757	0.455216371



<i>CRIPT</i>	0.526297	0.202727	2.596085	0.009429275	0.455216371
<i>NAB2</i>	1.108011	0.428529	2.585614	0.009720574	NA
<i>RASGRP1</i>	-1.129173	0.436989	-2.583982	0.0097667	NA
<i>DMAC2L</i>	-0.552195	0.214137	-2.5787	0.009917275	NA
<i>ASAH1</i>	0.465621	0.180623	2.577862	0.009941357	0.467786817
<i>NUP88</i>	-0.406019	0.158046	-2.568996	0.010199376	0.467786817
<i>SYNJ2BP</i>	0.452199	0.176202	2.566362	0.010277149	0.467786817
<i>SKAP2</i>	0.379343	0.14783	2.566065	0.010285943	0.467786817
<i>MIR155HG</i>	0.73704	0.287723	2.561631	0.010418206	NA
<i>PPM1A</i>	0.757275	0.295797	2.560116	0.010463711	NA
<i>MRPL54</i>	-0.31938	0.12502	-2.554639	0.010629787	0.469893581
<i>ENSG00000245904</i>	0.295859	0.115815	2.554575	0.010631754	0.469893581
<i>GNPDA1</i>	1.057631	0.415654	2.544498	0.010943481	NA
<i>RPL38</i>	0.121179	0.047641	2.543613	0.010971248	0.478163552
<i>CHRAC1</i>	-0.492513	0.194327	-2.534456	0.011262199	0.484120268
<i>ENSG00000226571</i>	1.431657	0.564893	2.534386	0.011264451	NA
<i>ZCCHC10</i>	0.368837	0.146648	2.51512	0.011899177	0.497621402
<i>TOMM20</i>	0.255903	0.101759	2.514795	0.011910159	0.497621402
<i>IZUMO4</i>	-0.630715	0.25137	-2.509109	0.012103602	0.497621402
<i>MIF</i>	-0.369093	0.147284	-2.505999	0.012210595	0.497621402
<i>NRP2</i>	-1.104423	0.440829	-2.50533	0.012233704	NA
<i>TMEM99</i>	0.804338	0.322419	2.494698	0.012606431	NA
<i>GPM6B</i>	0.589582	0.236571	2.492202	0.012695368	NA
<i>EIF5</i>	0.302731	0.121666	2.488223	0.012838317	0.516495366
<i>CD5</i>	-1.680969	0.676053	-2.486446	0.012902616	NA
<i>ZNF138</i>	0.605276	0.243672	2.483984	0.01299217	NA
<i>FKBP5</i>	0.816051	0.32929	2.478216	0.013204103	NA
<i>FAM41C</i>	-1.068826	0.431298	-2.478161	0.01320617	NA
<i>RNF149</i>	0.47673	0.19248	2.476778	0.013257446	NA
<i>LY96</i>	0.523387	0.211341	2.476509	0.013267445	0.526695745
<i>UBE2J2</i>	-0.35492	0.143563	-2.472224	0.013427552	0.526695745
<i>CAPZB</i>	-0.290764	0.118008	-2.463938	0.013741998	0.532375187
<i>RIN3</i>	0.62335	0.253603	2.457973	0.013972368	0.534698661
<i>RND1</i>	-1.217249	0.495818	-2.455032	0.014087212	NA
<i>RPS28</i>	0.112823	0.046269	2.438443	0.014750667	0.554477763
<i>MGAT1</i>	0.649552	0.266753	2.435035	0.014890355	0.554477763
<i>DBI</i>	-0.275258	0.113186	-2.431913	0.015019315	0.554477763
<i>GLIDR</i>	-1.07206	0.440917	-2.431432	0.015039286	NA
<i>TELO2</i>	-0.780202	0.321514	-2.42665	0.015238967	NA
<i>ZBTB1</i>	0.636054	0.263347	2.415275	0.015723333	0.573633941
<i>TRIM14</i>	1.04446	0.432959	2.412375	0.015848967	NA
<i>GYPC</i>	0.244222	0.101309	2.410669	0.015923291	0.573633941
<i>MCRS1</i>	-0.582877	0.242152	-2.40707	0.016081067	NA
<i>BOD1</i>	0.622027	0.25843	2.406945	0.016086611	0.573633941
<i>KCTD18</i>	-0.687714	0.286056	-2.404122	0.016211382	NA
<i>FNIP1</i>	-0.488311	0.203415	-2.400561	0.01636996	0.577179056
<i>ENSG00000277654</i>	-0.639811	0.266727	-2.398746	0.016451311	NA

<i>PDE4D</i>	-1.437387	0.59925	-2.398642	0.016455992	NA
<i>IGHM</i>	-0.462739	0.193859	-2.386984	0.016987208	0.589008319
<i>MAPKAPK2</i>	-0.486684	0.204057	-2.385034	0.017077551	NA
<i>SESN3</i>	0.367948	0.154278	2.384962	0.017080866	0.589008319
<i>NFKBIB</i>	-0.601624	0.252923	-2.378687	0.01737443	NA
<i>UBB</i>	-0.259926	0.109355	-2.376897	0.017458972	0.595391791
<i>ENSG00000237491</i>	-1.049311	0.441935	-2.374353	0.017579734	NA
<i>DNAJA1</i>	0.35214	0.148396	2.372975	0.017645455	0.595391791
<i>APH1A</i>	-0.276539	0.117055	-2.362475	0.018153369	0.606013541
<i>TRMT61B</i>	-0.668557	0.283415	-2.358937	0.018327358	NA
<i>KIAA0040</i>	0.556219	0.236294	2.353922	0.018576502	0.610470541
<i>SLC35A4</i>	-0.488628	0.207633	-2.353325	0.018606364	NA
<i>FXYD5</i>	0.316651	0.134634	2.351936	0.018675963	0.610470541
<i>PLTP</i>	-1.870831	0.797371	-2.34625	0.018963379	NA
<i>SCAND1</i>	-0.330193	0.141114	-2.339908	0.019288476	0.623992129
<i>IL13RA1</i>	-0.996821	0.426562	-2.33687	0.019445944	NA
<i>CERS4</i>	-0.413139	0.176959	-2.334653	0.019561564	0.624242488
<i>SLC17A5</i>	0.907611	0.388898	2.333798	0.01960628	NA
<i>HCK</i>	-1.128729	0.483904	-2.332549	0.019671836	NA
<i>DUSP14</i>	1.041223	0.446394	2.332522	0.019673258	NA
<i>IGHD</i>	-0.4356	0.186792	-2.332008	0.019700296	0.624242488
<i>CTDSP2</i>	0.382699	0.164364	2.32836	0.019893005	0.624242488
<i>FXYD7</i>	1.007824	0.433147	2.326747	0.019978715	NA
<i>ENSG00000258377</i>	-2.091176	0.899501	-2.324817	0.02008176	NA
<i>ARL11</i>	0.654361	0.282232	2.31852	0.020421094	0.633328028
<i>RHBDD2</i>	-0.599664	0.258932	-2.315911	0.020563122	NA
<i>IQSEC1</i>	-0.425062	0.183573	-2.315489	0.020586188	0.633328028
<i>HTR3A</i>	-1.22267	0.528102	-2.315214	0.020601196	NA
<i>PIM1</i>	-0.355945	0.154162	-2.308907	0.020948719	0.638224085
<i>PDPK1</i>	0.587186	0.254604	2.306273	0.021095373	NA
<i>FBXL3</i>	0.727554	0.316108	2.301599	0.021357807	0.644430758
<i>RPS14</i>	0.090191	0.039419	2.28801	0.022136922	0.657517493
<i>HIST1H2BH</i>	1.754652	0.767736	2.285489	0.022284151	NA
<i>INKA1</i>	0.636941	0.279259	2.280824	0.022558884	NA
<i>RPL23A</i>	0.152884	0.067062	2.279758	0.022622039	0.657517493
<i>PTGIR</i>	-1.256031	0.551964	-2.275567	0.022871959	NA
<i>PRDM8</i>	-0.685827	0.302545	-2.26686	0.023398781	NA
<i>H3F3B</i>	-0.197658	0.087278	-2.264697	0.023531298	0.657517493
<i>PSMC3</i>	-0.343157	0.151526	-2.264676	0.023532587	0.657517493
<i>CCNG2</i>	0.595164	0.262929	2.263592	0.023599221	NA
<i>SLA</i>	0.390024	0.172726	2.258043	0.023942953	0.657517493
<i>MRPL38</i>	-0.881614	0.390504	-2.257632	0.023968581	NA
<i>YWHAE</i>	0.34078	0.151022	2.25649	0.024039941	0.657517493
<i>MYLIP</i>	-0.703816	0.312333	-2.25342	0.024232695	NA
<i>C7orf50</i>	-0.502197	0.223136	-2.250633	0.024408789	0.657517493
<i>TRMT112</i>	0.257489	0.11442	2.250383	0.024424661	0.657517493
<i>A4GALT</i>	1.054016	0.468546	2.249547	0.024477693	NA

<i>FCRL3</i>	-1.056591	0.469706	-2.249472	0.024482472	0.657517493
<i>ATP1B3</i>	-0.495195	0.220176	-2.249091	0.024506676	0.657517493
<i>AKIRIN2</i>	0.374651	0.166624	2.248477	0.02454582	0.657517493
<i>H2AFZ</i>	0.325059	0.14465	2.24721	0.024626626	0.657517493
<i>RPS3</i>	0.140592	0.062602	2.245831	0.024714856	0.657517493
<i>GSTO1</i>	0.306363	0.136424	2.245672	0.024725004	0.657517493
<i>GBGT1</i>	0.866527	0.386301	2.243137	0.024888003	NA
<i>HYI</i>	-0.982748	0.438532	-2.240997	0.025026246	NA
<i>UBE2L3</i>	-0.331356	0.148028	-2.238479	0.025189867	0.662078259
<i>ZNF224</i>	0.366937	0.164067	2.236509	0.02531848	0.662078259
<i>IRF5</i>	0.494119	0.221047	2.235353	0.025394205	NA
<i>PRICKLE1</i>	0.797476	0.357057	2.233467	0.025518145	NA
<i>IGLC7</i>	-3.737968	1.67412	-2.232796	NA	NA
<i>SRP72</i>	-0.305074	0.136804	-2.23	0.02574744	0.666809765
<i>RBM23</i>	-0.244954	0.110088	-2.22507	0.026076534	0.666809765
<i>CD1D</i>	0.353763	0.159074	2.22389	0.026155875	0.666809765
<i>U2AF1</i>	-0.505831	0.227694	-2.221541	0.026314327	NA
<i>IDE</i>	-0.785005	0.353973	-2.2177	0.026575263	NA
<i>LBH</i>	-0.33423	0.150746	-2.217169	0.026611528	0.666809765
<i>SCRN1</i>	1.008914	0.455228	2.216281	0.026672285	NA
<i>ENSG00000250850</i>	0.908368	0.41014	2.214778	0.02677529	NA
<i>HIST1H2AG</i>	1.388216	0.628361	2.209264	0.027156295	NA
<i>HLX</i>	1.491108	0.675678	2.206832	0.027325771	NA
<i>CYB561A3</i>	-0.306831	0.139175	-2.204637	0.027479596	0.666809765
<i>SVBP</i>	-0.281622	0.127882	-2.202207	0.027650676	0.666809765
<i>AKAP13</i>	0.268659	0.122082	2.200655	0.02776045	0.666809765
<i>FAM91A1</i>	0.575982	0.262191	2.196804	0.028034418	NA
<i>FLCN</i>	0.512732	0.233412	2.196679	0.028043402	0.666809765
<i>PFDN5</i>	0.134653	0.061299	2.196647	0.028045695	0.666809765
<i>SLC15A2</i>	1.208311	0.550179	2.196216	0.028076506	NA
<i>CD79B</i>	-0.239211	0.109007	-2.194452	0.028202959	0.666809765
<i>GSTP1</i>	-0.282609	0.128905	-2.192378	0.028352192	0.666809765
<i>CYTH1</i>	-0.237575	0.108412	-2.191402	0.028422746	0.666809765
<i>THG1L</i>	0.485503	0.221637	2.190537	0.028485289	NA
<i>RASGRP3</i>	-0.517549	0.23646	-2.188734	0.028616163	0.666809765
<i>SPN</i>	-1.00512	0.459407	-2.187865	0.028679413	NA
<i>RBM39</i>	0.181451	0.082971	2.18693	0.02874766	0.666809765
<i>ATG4B</i>	-0.40115	0.183538	-2.185654	0.028840911	0.666809765
<i>SRRT</i>	-0.415245	0.190056	-2.184857	0.02889934	0.666809765
<i>GOLIM4</i>	-0.800833	0.367021	-2.181978	0.029111137	NA
<i>NBPF3</i>	-1.83386	0.841469	-2.179356	0.029305234	NA
<i>CAPN12</i>	0.561631	0.258242	2.174824	0.029643341	NA
<i>GRHPR</i>	-0.531943	0.245067	-2.170604	0.029961139	0.681518633
<i>VPS26A</i>	0.483213	0.222631	2.170471	0.029971183	0.681518633
<i>BBX</i>	0.317405	0.146727	2.163235	0.030523081	0.68496208
<i>CD74</i>	-0.261628	0.120969	-2.162766	0.030559175	0.68496208
<i>CRK</i>	0.603806	0.280116	2.155553	0.031118548	NA

<i>IFI16</i>	0.269488	0.125049	2.155061	0.031157092	0.692431746
<i>RPS8</i>	0.129299	0.060061	2.152808	0.03133375	0.692431746
<i>SLC16A1.AS1</i>	0.470025	0.218349	2.15263	0.031347749	NA
<i>PSMD9</i>	-0.35387	0.164857	-2.146519	0.031831558	0.698513479
<i>SEL1L3</i>	0.489558	0.228431	2.143134	0.032102302	0.698983806
<i>RNF43</i>	-0.894971	0.418165	-2.140232	0.032336057	NA
<i>ZMYND8</i>	0.464683	0.217397	2.137488	0.032558311	NA
<i>LYST</i>	-0.560405	0.262617	-2.133927	0.032848776	0.698983806
<i>RPL30</i>	0.091023	0.042655	2.133915	0.032849702	0.698983806
<i>ZDHHC4</i>	0.37938	0.177907	2.132463	0.032968793	0.698983806
<i>PLGRKT</i>	-0.575713	0.270106	-2.131431	0.033053622	0.698983806
<i>KDM6B</i>	0.501702	0.235467	2.130664	0.033116805	NA
<i>DNAH1</i>	-1.07023	0.502309	-2.130623	0.033120196	NA
<i>CMTM7</i>	-0.355945	0.167258	-2.128114	0.033327602	0.698983806
<i>LINC00926</i>	-0.360153	0.169317	-2.127095	0.033412228	0.698983806
<i>LY9</i>	0.823538	0.38766	2.124383	0.033638117	0.699049087
<i>COPS2</i>	0.508754	0.239593	2.123406	0.033719822	NA
<i>ATP6V1C1</i>	0.538654	0.253728	2.122956	0.033757554	NA
<i>USP31</i>	-1.315533	0.619971	-2.121926	0.033843959	NA
<i>ENSG00000233184</i>	0.724912	0.341725	2.121329	0.033894142	NA
<i>ATP6VOE2</i>	-0.727399	0.343179	-2.119589	0.03404073	NA
<i>ZBTB20</i>	0.421772	0.199106	2.11833	0.034147139	0.704958699
<i>WDR76</i>	-0.702221	0.331709	-2.116977	0.034261838	NA
<i>HSBP1</i>	0.348161	0.16466	2.114427	0.034478825	0.705977608
<i>DGLUCY</i>	0.459021	0.217131	2.114024	0.034513219	NA
<i>CCT8</i>	0.50686	0.239937	2.112467	0.034646447	0.705977608
<i>TM7SF2</i>	-0.718787	0.34039	-2.111659	0.034715689	NA
<i>SYPL1</i>	0.307146	0.145706	2.107992	0.035031668	0.70853716
<i>A1BG.AS1</i>	-0.779226	0.369975	-2.10616	0.035190421	NA
<i>CD82</i>	-0.281067	0.13348	-2.105691	0.03523122	0.70853716
<i>RCHY1</i>	0.532909	0.253371	2.103271	0.035442104	NA
<i>GPR137</i>	-0.394081	0.187373	-2.103187	0.035449437	0.70853716
<i>ZBED4</i>	0.964253	0.459219	2.099769	0.035749138	NA
<i>KLHL24</i>	0.401475	0.19137	2.0979	0.035914002	0.713279364
<i>KCNK6</i>	0.647335	0.309418	2.092103	0.03642926	NA
<i>SCAI</i>	0.433206	0.207132	2.091451	0.036487654	NA
<i>AKAP17A</i>	0.417894	0.199831	2.091239	0.036506633	0.714258789
<i>BHLHE40</i>	-0.340186	0.162738	-2.090391	0.036582658	0.714258789
<i>JADE1</i>	0.429627	0.205594	2.089684	0.036646165	0.714258789
<i>EXOC3.AS1</i>	-0.733095	0.351173	-2.087561	0.036837486	NA
<i>GKAP1</i>	0.542437	0.259904	2.087067	0.036882099	NA
<i>STK17A</i>	0.271012	0.130178	2.081853	0.037355925	0.723598096
<i>ENSG00000279483</i>	-0.321927	0.154885	-2.078482	0.037664943	0.724331578
<i>NIFK</i>	0.398885	0.191947	2.078097	0.037700446	NA
<i>PTPMT1</i>	-0.39142	0.188356	-2.078081	0.037701893	NA
<i>TMED10</i>	-0.347678	0.167445	-2.076369	0.037859879	0.724331578
<i>ODF3B</i>	-0.593033	0.285878	-2.074425	0.038039827	NA

<i>XBP1</i>	0.612489	0.295352	2.073762	0.038101391	NA
<i>ATAD2B</i>	-0.718112	0.346591	-2.071932	0.03827175	NA
<i>C9orf40</i>	1.266525	0.611473	2.071269	0.038333655	NA
<i>KRCC1</i>	0.374971	0.181345	2.067725	0.038665915	0.724331578
<i>TMEM70</i>	0.380905	0.184318	2.066565	0.038775143	0.724331578
<i>RPL32</i>	0.104419	0.050537	2.066198	0.038809787	0.724331578
<i>SNAPC4</i>	-0.950698	0.461235	-2.061203	0.039283663	NA
<i>UBE2N</i>	0.248752	0.120712	2.060714	0.039330347	0.724331578
<i>TMEM179B</i>	-0.263375	0.127834	-2.060298	0.039370057	0.724331578
<i>TRAF1</i>	-0.812658	0.394496	-2.059991	0.039399369	NA
<i>EIF4H</i>	-0.237889	0.115493	-2.059769	0.03942061	0.724331578
<i>ARIH2</i>	0.391899	0.190457	2.057677	0.03962116	NA
<i>MSANTD2</i>	0.994508	0.483476	2.056997	0.039686557	NA
<i>RPS16</i>	0.122027	0.059374	2.055239	0.039855947	0.724331578
<i>HINT2</i>	-0.290594	0.141521	-2.053359	0.040037786	0.724331578
<i>PKM</i>	-0.28655	0.139625	-2.052281	0.040142399	0.724331578
<i>ATG16L2</i>	-0.428955	0.20903	-2.052124	0.040157659	NA
<i>LDHA</i>	-0.383699	0.186982	-2.052061	0.040163701	0.724331578
<i>C2orf69</i>	0.504298	0.245864	2.051128	0.040254441	NA
<i>FOXO3</i>	0.563727	0.274849	2.051043	0.040262726	NA
<i>NDUFAF7</i>	-0.569285	0.277944	-2.0482	0.040540368	NA
<i>MSL2</i>	0.529244	0.258426	2.047953	0.040564635	NA
<i>MESD</i>	0.358592	0.175158	2.047248	0.040633708	NA
<i>GM2A</i>	0.596525	0.291818	2.044165	0.040937212	0.734062701
<i>TSPYL1</i>	-0.319823	0.156779	-2.039957	0.04135462	0.734741573
<i>CLEC4A</i>	-1.280321	0.628309	-2.037725	0.04157748	NA
<i>RPL11</i>	0.096874	0.047564	2.036726	0.041677501	0.734741573
<i>LSR</i>	0.851386	0.418164	2.036008	0.041749599	NA
<i>ENSG00000241490</i>	0.735201	0.361432	2.034132	0.04193833	NA
<i>NUP210</i>	0.371336	0.18256	2.034047	0.04194682	NA
<i>MARCHF5</i>	0.53725	0.264358	2.032279	0.042125404	NA
<i>C17orf49</i>	-0.493849	0.243047	-2.031912	0.042162551	NA
<i>LYRM7</i>	0.327975	0.161412	2.031911	0.04216266	0.734741573
<i>HMGB2</i>	-0.287986	0.141806	-2.030843	0.042270934	0.734741573
<i>EIF3J.DT</i>	0.322452	0.158914	2.029091	0.042449009	0.734741573
<i>RGS10</i>	0.525015	0.258774	2.028854	0.042473145	0.734741573
<i>CBWD3</i>	-0.532876	0.262812	-2.02759	0.042602075	NA
<i>SAP18</i>	-0.179306	0.088483	-2.02644	0.042719666	0.734741573
<i>CLMN</i>	0.77198	0.381218	2.025034	0.042863893	NA
<i>SEC13</i>	-0.425312	0.210056	-2.024758	0.042892263	NA
<i>AMD1</i>	0.357958	0.176883	2.023691	0.043001953	0.734741573
<i>LIMD2</i>	-0.20878	0.103208	-2.022911	0.043082361	0.734741573
<i>DYNLT1</i>	0.361132	0.178802	2.019724	0.043412011	NA
<i>RPL24</i>	0.098783	0.048944	2.018303	0.043559756	0.73766782
<i>PCM1</i>	0.367383	0.182168	2.016726	0.043724096	0.73766782
<i>ENSG00000170161</i>	-0.582861	0.289239	-2.015152	0.043888704	NA
<i>ZNF12</i>	0.67141	0.333183	2.015136	0.043890379	NA

<i>DYNLL1</i>	0.267539	0.133164	2.009091	0.044527454	0.747204011
<i>MGME1</i>	0.425643	0.212231	2.005569	0.044902285	NA
<i>FLAD1</i>	-0.579028	0.288858	-2.00454	0.045012237	NA
<i>NR6A1</i>	-1.515757	0.756448	-2.003783	0.045093298	NA
<i>PPFIBP1</i>	-0.908897	0.453633	-2.003595	0.045113512	NA
<i>NELFE</i>	-0.266902	0.133322	-2.001933	0.045291981	0.748357928
<i>KCTD5</i>	0.573497	0.286638	2.00077	0.045417199	NA
<i>IQCH.AS1</i>	0.823908	0.411829	2.000605	0.045434984	NA
<i>PRAG1</i>	1.086219	0.543807	1.997435	0.045777983	NA
<i>ZFPL1</i>	-0.477726	0.239302	-1.99633	0.045898048	NA
<i>PCNX4</i>	0.355185	0.178018	1.995216	0.046019357	0.748357928
<i>LNPEP</i>	0.307306	0.154099	1.994214	0.046128687	0.748357928
<i>TMPO.AS1</i>	-1.348536	0.676641	-1.992984	0.046263146	NA
<i>UBE2A</i>	-0.28647	0.143789	-1.992292	0.046339029	0.748357928
<i>RGS19</i>	0.349943	0.175747	1.991177	0.046461394	0.748357928
<i>RPS18</i>	0.17632	0.088567	1.990814	0.046501301	0.748357928
<i>JAK3</i>	-0.48513	0.24383	-1.989624	0.046632361	0.748357928
<i>GNB5</i>	0.287794	0.144663	1.989404	0.046656613	0.748357928
<i>THEM4</i>	-0.761094	0.382941	-1.987497	0.04686735	NA
<i>SAMD10</i>	-1.004783	0.506011	-1.985693	0.047067422	NA
<i>MYO1G</i>	0.340083	0.171322	1.985048	0.047139186	0.748357928
<i>GPS2</i>	-0.396858	0.199946	-1.98483	0.047163381	0.748357928
<i>STK16</i>	-0.331904	0.16756	-1.980812	0.047612306	0.748357928
<i>PRCP</i>	-0.425816	0.215063	-1.979956	0.047708528	NA
<i>ZNF775</i>	-1.231133	0.62186	-1.97976	0.047730509	NA
<i>CD48</i>	0.248769	0.125692	1.979192	0.047794424	0.748357928
<i>PTPN2</i>	0.286286	0.144693	1.97858	0.047863262	0.748357928
<i>H1FX</i>	-0.870562	0.440459	-1.976489	0.048099418	NA
<i>RPS27A</i>	0.104657	0.052961	1.976121	0.048141022	0.748357928
<i>TMEM156</i>	0.462051	0.233992	1.974643	0.048308711	0.748357928
<i>TMEM251</i>	0.507835	0.257214	1.974366	0.048340107	NA
<i>EXOSC8</i>	0.329322	0.166852	1.973735	0.048411937	0.748357928
<i>MOV10</i>	0.834246	0.422751	1.973376	0.048452762	NA
<i>ERAP1</i>	0.523951	0.265538	1.973163	0.048476979	NA
<i>ENSG00000280007</i>	-1.04824	0.531819	-1.971048	0.048718379	NA
<i>PTP4A3</i>	1.212435	0.615729	1.969106	0.048940952	NA
<i>AK6</i>	0.325493	0.165349	1.968523	0.049007916	0.753857068
<i>S100A13</i>	-0.887426	0.451977	-1.96343	0.049596211	NA
<i>FCGR2B</i>	0.735124	0.374712	1.961836	0.049781586	NA
<i>NTHL1</i>	-0.505914	0.257899	-1.961676	0.049800174	NA

<b>Cluster 8</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>ARRDC3</i>	-1.217494	0.178462	-6.822133	8.97E-12	3.94E-08
<i>GPR183</i>	0.795786	0.127664	6.233426	4.56E-10	1.00E-06
<i>CKS2</i>	1.291314	0.212905	6.0652	1.32E-09	1.93E-06
<i>RPL8</i>	0.404548	0.068476	5.907912	3.46E-09	3.80E-06
<i>RPS5</i>	0.359067	0.064754	5.54507	2.94E-08	2.16E-05
<i>RPL19</i>	0.184563	0.033289	5.544213	2.95E-08	2.16E-05
<i>NPM1</i>	0.262409	0.048778	5.379614	7.46E-08	4.68E-05
<i>IL4R</i>	-0.645521	0.12056	-5.354341	8.59E-08	4.71E-05
<i>RENBP</i>	1.070374	0.206719	5.17792	2.24E-07	0.000109444
<i>NOP10</i>	0.39864	0.077639	5.134518	2.83E-07	0.000124179
<i>ENSG00000271204</i>	0.588149	0.116237	5.059895	4.19E-07	0.000167413
<i>ENSG00000272211</i>	-1.425394	0.283833	-5.021947	5.12E-07	0.000187125
<i>RPS9</i>	0.393657	0.08104	4.85753	1.19E-06	0.000401378
<i>ZNF107</i>	1.251603	0.259418	4.824653	1.40E-06	0.000439775
<i>UQCRH</i>	0.274445	0.057058	4.809932	1.51E-06	0.000441872
<i>CD48</i>	0.417354	0.089388	4.669027	3.03E-06	0.00083034
<i>PHF21A</i>	-0.634812	0.138881	-4.570911	4.86E-06	0.001254015
<i>GATM</i>	2.07213	0.455871	4.545434	5.48E-06	NA
<i>CD79B</i>	-0.384521	0.085029	-4.52221	6.12E-06	0.001492535
<i>RPS23</i>	0.212636	0.047223	4.502789	6.71E-06	0.001528853
<i>RPL24</i>	0.258941	0.05761	4.49475	6.97E-06	0.001528853
<i>RPL9</i>	0.238295	0.053381	4.464038	8.04E-06	0.001681356
<i>BLVRB</i>	0.986088	0.221522	4.451422	8.53E-06	0.00170219
<i>RPL30</i>	0.200286	0.045132	4.43775	9.09E-06	0.001735081
<i>NFKBIA</i>	-0.460984	0.105277	-4.378765	1.19E-05	0.002183183
<i>ENSG00000259888</i>	2.25305	0.526238	4.281426	1.86E-05	NA
<i>HNRNPDL</i>	-0.305029	0.071915	-4.241538	2.22E-05	0.003898211
<i>CIRBP</i>	-0.322846	0.076738	-4.207118	2.59E-05	0.004143345
<i>RPS15</i>	0.154384	0.036701	4.20652	2.59E-05	0.004143345
<i>RPL34</i>	0.185431	0.044196	4.195705	2.72E-05	0.004143345
<i>TIMM10</i>	-0.623214	0.148586	-4.194308	2.74E-05	0.004143345
<i>ZBED2</i>	2.386924	0.573599	4.161311	3.16E-05	NA
<i>HRK</i>	-1.99613	0.48311	-4.131832	3.60E-05	0.005266291
<i>FAM102A</i>	0.995495	0.244181	4.076869	4.56E-05	0.006464078
<i>C16orf74</i>	-0.706452	0.174051	-4.058885	4.93E-05	0.006764375
<i>DEF8</i>	-0.710954	0.175525	-4.050451	5.11E-05	0.006800381
<i>RPL38</i>	0.232586	0.057815	4.022916	5.75E-05	0.007421941
<i>BHLHE41</i>	2.403203	0.599118	4.011237	6.04E-05	NA
<i>GLUL</i>	-0.932084	0.233066	-3.999229	6.35E-05	0.007775757
<i>RAB9A</i>	0.840757	0.210272	3.998427	6.38E-05	0.007775757
<i>COX17</i>	0.386403	0.097603	3.958947	7.53E-05	0.008750432
<i>RNF130</i>	0.771157	0.194861	3.957482	7.57E-05	0.008750432
<i>RPL36</i>	0.161432	0.040922	3.944843	7.99E-05	0.00897768
<i>EEF1B2</i>	0.350161	0.088968	3.935797	8.29E-05	0.00897768
<i>DYNLL1</i>	0.585873	0.148958	3.933132	8.38E-05	0.00897768
<i>RPS18</i>	0.232238	0.05933	3.91433	9.07E-05	0.009223867

<i>TMEM204</i>	-2.749617	0.702557	-3.913731	9.09E-05	NA
<i>RPL32</i>	0.16719	0.042732	3.912527	9.13E-05	0.009223867
<i>RPL26</i>	0.195267	0.049946	3.909601	9.24E-05	0.009223867
<i>LPIN1</i>	0.766975	0.199106	3.8521	0.00011711	0.011424634
<i>MIF</i>	-0.398733	0.103734	-3.843795	0.00012115	0.011561584
<i>CYTIP</i>	0.246049	0.064642	3.806321	0.00014105	0.013174581
<i>RACK1</i>	0.199933	0.052678	3.795376	0.00014742	0.013482777
<i>RPS16</i>	0.261779	0.069298	3.77758	0.00015836	0.014187756
<i>ZNF385A</i>	-1.756664	0.46519	-3.77623	0.00015922	NA
<i>RPL37</i>	0.158753	0.04252	3.733619	0.00018875	0.01657204
<i>CDC42</i>	-0.299827	0.081159	-3.694338	0.00022046	0.018630438
<i>GSTO1</i>	0.524447	0.141969	3.694086	0.00022068	0.018630438
<i>MHENCN</i>	-0.445944	0.121253	-3.677786	0.00023527	0.01948719
<i>HSPE1</i>	0.327608	0.089297	3.668766	0.00024372	0.019813871
<i>ARL17A</i>	-0.827737	0.226323	-3.65733	0.00025486	NA
<i>COMMD6</i>	0.192184	0.052588	3.654518	0.00025767	0.0205664
<i>RPSA</i>	0.32729	0.089872	3.641736	0.00027081	0.02122921
<i>RHBDD2</i>	-0.76753	0.212399	-3.613624	0.00030195	NA
<i>RPL13</i>	0.212496	0.058924	3.606294	0.0003106	0.023921725
<i>ATP6V1C1</i>	0.914417	0.253945	3.600845	0.00031719	NA
<i>KDM4B</i>	0.887889	0.24667	3.599501	0.00031883	0.024131978
<i>SLC50A1</i>	-0.391264	0.109143	-3.584883	0.00033723	0.025092155
<i>GATD3</i>	4.009907	1.119135	3.583042	0.00033962	NA
<i>DDX6</i>	-0.447103	0.125117	-3.573476	0.00035227	0.025716228
<i>IGHD</i>	-0.482851	0.135262	-3.569742	0.00035733	0.025716228
<i>H3F3B</i>	-0.326028	0.091991	-3.544112	0.00039394	0.02768146
<i>RPL23A</i>	0.202605	0.057202	3.541903	0.00039725	0.02768146
<i>NSMAF</i>	1.222799	0.346017	3.533932	0.00040943	0.027990041
<i>RPS12</i>	0.249997	0.070807	3.530669	0.00041451	0.027990041
<i>RPS3</i>	0.223737	0.063441	3.526679	0.00042081	0.027990041
<i>CLEC2B</i>	0.391386	0.111302	3.516414	0.00043742	0.028660695
<i>HVCN1</i>	-0.303504	0.086506	-3.508481	0.00045067	0.029094991
<i>IGHG1</i>	1.38147	0.396309	3.485838	0.0004906	NA
<i>ENSG00000273319</i>	0.609357	0.175188	3.478297	0.00050461	0.031370701
<i>RPS15A</i>	0.210148	0.060423	3.477931	0.0005053	0.031370701
<i>CHORDC1</i>	0.731069	0.210268	3.476839	0.00050736	0.031370701
<i>DDX58</i>	-0.817431	0.23527	-3.474433	0.00051193	NA
<i>RPS13</i>	0.166302	0.048221	3.44873	0.00056323	0.034341307
<i>TNFRSF13B</i>	1.086378	0.31639	3.433667	0.00059548	0.035810116
<i>KANK2</i>	-2.061716	0.60185	-3.425633	0.00061337	NA
<i>RPL13A</i>	0.186535	0.054478	3.424043	0.00061697	0.03660121
<i>ANP32B</i>	0.255031	0.074645	3.416593	0.0006341	0.037115961
<i>SRSF6</i>	-0.427	0.125787	-3.394631	0.00068721	0.03969545
<i>STX7</i>	0.271701	0.080448	3.377325	0.00073195	0.041584408
<i>SLC5A3</i>	-0.654081	0.19396	-3.372255	0.00074556	0.041584408
<i>MT.CO1</i>	0.246372	0.073142	3.368392	0.00075608	0.041584408
<i>RPL7A</i>	0.24526	0.072826	3.367765	0.0007578	0.041584408



<i>EYA3</i>	1.064287	0.316477	3.362923	0.00077122	NA
<i>FAM177B</i>	0.864073	0.257921	3.350138	0.00080771	0.043409957
<i>ZNF580</i>	-0.448836	0.134052	-3.348216	0.00081334	0.043409957
<i>ENSG00000282988</i>	1.03827	0.310122	3.347944	0.00081413	NA
<i>ERP29</i>	0.209545	0.062631	3.345706	0.00082074	0.043409957
<i>TULP4</i>	-0.478669	0.144348	-3.316087	0.00091287	0.047708478
<i>BCL7A</i>	-0.758484	0.228985	-3.312381	0.00092506	0.047776398
<i>ADPRH</i>	1.80564	0.545422	3.31054	0.00093116	NA
<i>IGHG3</i>	1.795687	0.544381	3.298585	0.00097174	NA
<i>RPS6</i>	0.213225	0.064681	3.296589	0.00097867	0.049254035
<i>ATP5IF1</i>	-0.250812	0.076091	-3.296203	0.00098001	0.049254035
<i>RPL35</i>	0.166079	0.050504	3.288404	0.00100757	0.049254035
<i>MGAT1</i>	0.516778	0.157222	3.286935	0.00101284	0.049254035
<i>RPL3</i>	0.1851	0.056326	3.286259	0.00101528	0.049254035
<i>RPS8</i>	0.266669	0.081186	3.28468	0.00102098	0.049254035
<i>LNPEP</i>	0.483267	0.147617	3.273787	0.00106117	0.050636029
<i>RPL11</i>	0.148564	0.045437	3.269665	0.00107675	0.050827271
<i>IFI44L</i>	1.927422	0.590733	3.262762	0.00110332	NA
<i>MINDY2</i>	0.618274	0.1897	3.259221	0.00111719	0.052174963
<i>ATP6V0E2</i>	-1.165972	0.358835	-3.249325	0.00115679	0.053071878
<i>TOMM7</i>	0.28808	0.088684	3.248398	0.00116057	0.053071878
<i>NT5DC4</i>	2.493167	0.769642	3.239385	0.00119788	NA
<i>RPL10</i>	0.216421	0.066888	3.23558	0.00121396	0.054819577
<i>HEXA</i>	0.481334	0.148869	3.233283	0.00122376	0.054819577
<i>RPS3A</i>	0.15488	0.047989	3.227412	0.00124915	0.054866855
<i>HHEX</i>	0.366127	0.113448	3.227261	0.00124981	0.054866855
<i>CREBL2</i>	0.857545	0.266345	3.219676	0.00128336	NA
<i>RPL37A</i>	0.19417	0.060577	3.205318	0.00134913	0.058597288
<i>NCF1</i>	-0.271932	0.084937	-3.201585	0.00136674	0.058597288
<i>UCP2</i>	-0.472651	0.147709	-3.199883	0.00137483	0.058597288
<i>NDUFB11</i>	0.305684	0.095813	3.190407	0.00142072	0.059592037
<i>RPL7</i>	0.19423	0.060912	3.188716	0.00142906	0.059592037
<i>TMEM140</i>	0.645271	0.202487	3.186733	0.0014389	0.059592037
<i>HSD17B4</i>	0.708932	0.222796	3.18198	0.00146272	0.060012565
<i>H2AFZ</i>	0.230241	0.072522	3.174781	0.0014995	0.060951735
<i>KRTCAP2</i>	-0.291761	0.092105	-3.16771	0.00153645	0.061880803
<i>ENSG00000225885</i>	-1.094481	0.34566	-3.166354	0.00154363	NA
<i>TAGAP</i>	-0.589948	0.187219	-3.151111	0.00162651	0.064912434
<i>CLK1</i>	0.458962	0.1458	3.147896	0.0016445	0.065039323
<i>NAP1L1</i>	0.232863	0.074402	3.129787	0.00174933	0.068567591
<i>THRAP3</i>	-0.322731	0.103254	-3.125599	0.00177443	0.068935845
<i>PDE4DIP</i>	-0.780491	0.250517	-3.115519	0.00183622	NA
<i>MAML3</i>	-1.554957	0.501649	-3.099689	0.00193724	NA
<i>CERS4</i>	-0.461364	0.148962	-3.097186	0.00195367	0.074956823
<i>SNHG30</i>	-0.518163	0.167382	-3.095689	0.00196356	0.074956823
<i>SLC2A1</i>	-0.557297	0.180877	-3.081085	0.00206248	0.078054236
<i>TCL1B</i>	-1.154096	0.374997	-3.077618	0.00208662	NA

<i>FAM117B</i>	-0.771052	0.250642	-3.076303	0.00209585	0.078113118
<i>FAU</i>	0.108294	0.035209	3.075766	0.00209962	0.078113118
<i>DDX5</i>	-0.37573	0.122465	-3.068061	0.00215452	0.079046774
<i>RPL21</i>	0.170037	0.055437	3.067201	0.00216073	0.079046774
<i>RPL22</i>	0.151871	0.049592	3.06238	0.00219585	0.079667471
<i>LINC00847</i>	0.644298	0.210917	3.054747	0.00225251	0.081053349
<i>LAMC1</i>	1.415897	0.463668	3.053688	0.00226047	NA
<i>DNAJA1</i>	0.450464	0.148032	3.043022	0.00234215	0.083593939
<i>EIF3K</i>	0.255737	0.08477	3.016825	0.00255437	0.08838612
<i>HMGB2</i>	-0.428466	0.14208	-3.015662	0.00256419	0.08838612
<i>CFLAR</i>	0.390029	0.129349	3.015325	0.00256704	0.08838612
<i>ITM2C</i>	0.52249	0.173295	3.015026	0.00256957	0.08838612
<i>SLC16A7</i>	0.588206	0.195149	3.01414	0.00257709	0.08838612
<i>C15orf61</i>	0.6099	0.202569	3.010828	0.00260537	0.088448968
<i>THUMPD3.AS1</i>	-0.285959	0.095028	-3.009217	0.00261922	0.088448968
<i>ZNF318</i>	0.5283	0.176139	2.999342	0.00270564	0.090669754
<i>USF1</i>	-1.014657	0.338345	-2.998886	0.00270969	NA
<i>ENSG00000273448</i>	-0.798308	0.266559	-2.994866	0.00274566	NA
<i>SLC38A2</i>	0.409797	0.13726	2.985558	0.00283061	0.092949339
<i>MRPS36</i>	0.450947	0.151134	2.983754	0.00284736	0.092949339
<i>ST13</i>	0.194851	0.065321	2.982995	0.00285443	0.092949339
<i>RPL18</i>	0.16029	0.053777	2.980645	0.00287642	0.092949339
<i>RNF146</i>	0.595573	0.199835	2.980315	0.00287952	0.092949339
<i>PCNX4</i>	0.488015	0.164161	2.972785	0.00295111	0.093243854
<i>THOC3</i>	-0.61551	0.207049	-2.972776	0.0029512	0.093243854
<i>CRK</i>	0.619961	0.208555	2.972654	0.00295237	0.093243854
<i>APBB2</i>	-0.927301	0.312349	-2.968801	0.00298965	NA
<i>ENSG00000254397</i>	1.284079	0.433249	2.963836	0.0030383	NA
<i>RPS28</i>	0.220297	0.074359	2.962602	0.00305051	0.095655295
<i>L3HYPDH</i>	-0.8042	0.271691	-2.959984	0.00307655	NA
<i>PET100</i>	-0.292324	0.099029	-2.951893	0.00315832	0.095989574
<i>HSH2D</i>	-0.460622	0.156103	-2.950767	0.00316986	0.095989574
<i>TRA2B</i>	-0.272252	0.092323	-2.948894	0.00318914	0.095989574
<i>TTC32</i>	-0.974175	0.330421	-2.948281	0.00319546	0.095989574
<i>UBE2J2</i>	-0.47339	0.160605	-2.947536	0.00320317	0.095989574
<i>UBA52</i>	0.113328	0.038449	2.947507	0.00320348	0.095989574
<i>TCTN1</i>	-0.799977	0.271503	-2.946471	0.00321423	0.095989574
<i>CREBRF</i>	0.363545	0.123567	2.942083	0.00326012	0.096702219
<i>RPLP2</i>	0.21293	0.072486	2.937526	0.00330843	0.097476517
<i>NAB2</i>	1.188394	0.405107	2.933532	0.00335129	NA
<i>SNHG9</i>	-0.402351	0.13729	-2.930659	0.00338244	0.097726963
<i>RPL31</i>	0.170144	0.058059	2.930531	0.00338383	0.097726963
<i>IL2RG</i>	-0.473417	0.16172	-2.927376	0.00341835	0.097726963
<i>TBCA</i>	0.261583	0.08937	2.926983	0.00342268	0.097726963
<i>TMED2</i>	-0.349307	0.119361	-2.926478	0.00342824	0.097726963
<i>FBXO6</i>	-1.11263	0.380435	-2.924628	0.00344868	NA
<i>RPL5</i>	0.213283	0.072967	2.922999	0.00346678	0.098188071

<i>HLA.A</i>	-0.448438	0.15394	-2.913073	0.00357891	0.099666718
<i>ZCCHC7</i>	-0.399721	0.137289	-2.911522	0.00359673	0.099666718
<i>RPL10A</i>	0.303686	0.104379	2.909454	0.00362061	0.099666718
<i>FLCN</i>	0.534245	0.183707	2.908137	0.00363589	0.099666718
<i>ERGIC2</i>	0.427973	0.147209	2.907241	0.00364632	0.099666718
<i>NCBP2AS2</i>	-0.528589	0.181977	-2.904704	0.00367601	0.099666718
<i>ZFAS1</i>	0.235	0.080908	2.904542	0.00367791	0.099666718
<i>RPL29</i>	0.195076	0.067213	2.902366	0.00370356	0.099746089
<i>RPL28</i>	0.200354	0.069233	2.893898	0.00380492	0.101851258
<i>CPM</i>	-0.98715	0.342269	-2.884133	0.00392493	NA
<i>FXYD7</i>	0.788078	0.273311	2.883453	0.00393341	0.104652547
<i>CLECL1</i>	1.122528	0.389918	2.878883	0.00399087	NA
<i>MX1</i>	0.940284	0.327446	2.871569	0.0040844	NA
<i>LRWD1</i>	0.670971	0.233741	2.870575	0.00409726	NA
<i>CYB5A</i>	-0.548135	0.190966	-2.870327	0.00410048	0.108374098
<i>ENSG0000007237</i>	-1.526777	0.532067	-2.869519	0.00411096	NA
<i>NAA10</i>	-0.479825	0.167267	-2.868621	0.00412266	0.108374098
<i>CCDC25</i>	0.449436	0.156808	2.866161	0.00415482	0.10856951
<i>MIR29B2CHG</i>	0.623473	0.21779	2.862731	0.00420007	0.109102435
<i>SLA</i>	0.635674	0.222539	2.856462	0.00428392	0.110625846
<i>SNAP23</i>	-0.328977	0.115454	-2.849428	0.00437979	0.112440123
<i>FKBP5</i>	1.043427	0.366638	2.845933	0.00442816	NA
<i>CCNG2</i>	0.638149	0.224242	2.845804	0.00442995	0.113066714
<i>C17orf58</i>	1.951667	0.686577	2.842604	0.00447467	NA
<i>LINC00926</i>	-0.351679	0.123933	-2.837659	0.00454457	0.115321805
<i>C7orf50</i>	-0.412248	0.14543	-2.834681	0.00458715	0.115733162
<i>NUDT14</i>	0.578658	0.204755	2.826096	0.00471191	0.118201596
<i>CCDC144A</i>	2.017015	0.715657	2.818412	0.00482618	NA
<i>SMIM20</i>	0.434261	0.154236	2.815557	0.00486927	0.119148619
<i>DENND2D</i>	0.560654	0.199188	2.814693	0.00488238	0.119148619
<i>SKAP2</i>	0.40548	0.144069	2.814479	0.00488564	0.119148619
<i>CAPG</i>	0.376022	0.133609	2.814347	0.00488765	0.119148619
<i>IGHA1</i>	-0.440108	0.156493	-2.812312	0.00491868	0.119148619
<i>PDE7B</i>	-0.888183	0.315847	-2.812071	0.00492237	NA
<i>YWHAE</i>	0.378263	0.134556	2.811185	0.00493594	0.119148619
<i>RPL35A</i>	0.182555	0.064944	2.810943	0.00493965	0.119148619
<i>RPS27A</i>	0.117945	0.04205	2.804847	0.00503405	0.120762097
<i>NOTCH2</i>	0.48643	0.17366	2.801055	0.00509358	0.121526177
<i>CD22</i>	0.565926	0.202896	2.789244	0.00528312	0.125217652
<i>RPS20</i>	0.294541	0.10565	2.787884	0.00530535	0.125217652
<i>ZNF606</i>	-0.631708	0.227066	-2.782042	0.00540181	0.126812611
<i>SAR1A</i>	-0.414871	0.149576	-2.773643	0.00554324	0.129440628
<i>ZBTB16</i>	1.896645	0.684417	2.771183	0.0055853	NA
<i>KLK4</i>	2.097178	0.757052	2.770191	0.00560234	NA
<i>MCL1</i>	-0.387814	0.140408	-2.762051	0.00574396	0.133417822
<i>CTNNA1</i>	-1.309362	0.47423	-2.761026	0.005762	NA
<i>RPL15</i>	0.125514	0.045484	2.759512	0.00578877	0.133751077

<i>EIF3E</i>	0.205428	0.074616	2.753137	0.00590272	0.135669821
<i>AK6</i>	0.488757	0.177665	2.751009	0.0059412	0.135776419
<i>ST3GAL5</i>	0.542655	0.197367	2.749468	0.00596921	0.135776419
<i>RBM26.AS1</i>	-1.062394	0.386637	-2.747784	0.00599995	NA
<i>HLA.C</i>	-0.489031	0.178099	-2.74584	0.00603561	0.136264219
<i>CDKN1A</i>	-0.625944	0.228038	-2.744911	0.00605274	0.136264219
<i>ARIH2OS</i>	-0.997916	0.36407	-2.740998	0.00612529	NA
<i>CBWD2</i>	-0.850094	0.311903	-2.725508	0.00642027	NA
<i>CD83</i>	-0.293883	0.107879	-2.724194	0.00644586	0.144374
<i>BATF</i>	1.361252	0.49975	2.723867	0.00645226	NA
<i>EPB42</i>	-0.825033	0.303266	-2.720496	0.00651841	NA
<i>RSRP1</i>	0.34076	0.125352	2.718437	0.00655911	0.145453486
<i>LBH</i>	-0.344096	0.126581	-2.718376	0.00656032	0.145453486
<i>ENSG00000167414</i>	-1.570447	0.577844	-2.717773	0.0065723	NA
<i>KMT2A</i>	0.411723	0.151575	2.716302	0.00660157	0.145632644
<i>SENP2</i>	-0.677381	0.249493	-2.715025	0.00662708	NA
<i>RPL27A</i>	0.143485	0.052942	2.710238	0.0067235	0.147580761
<i>FAM32A</i>	-0.331268	0.122434	-2.70568	0.00681647	0.148877059
<i>IFI27L2</i>	0.328382	0.121505	2.702621	0.00687951	0.149510138
<i>CDC42SE1</i>	-0.384156	0.142248	-2.700616	0.00692112	0.149673539
<i>CLEC2D</i>	-0.323012	0.119843	-2.695293	0.00703267	0.150842777
<i>FAM184B</i>	-1.705132	0.632758	-2.694761	0.00704391	0.150842777
<i>SDSL</i>	1.619495	0.601376	2.692983	0.00708159	NA
<i>NDUFA13</i>	-0.266138	0.099167	-2.683734	0.0072805	0.154762438
<i>SCAND1</i>	-0.32201	0.120021	-2.682956	0.00729745	0.154762438
<i>WDR11</i>	-0.653822	0.244423	-2.674959	0.00747383	0.157740984
<i>DOK3</i>	0.966309	0.361262	2.674814	0.00747707	NA
<i>LGALS1</i>	1.509988	0.564889	2.67307	0.00751605	0.157873067
<i>NPHP3</i>	0.580063	0.217557	2.666262	0.00767	NA
<i>RPS14</i>	0.220589	0.082841	2.6628	0.00774935	0.1612456
<i>NMT2</i>	-0.403234	0.151461	-2.662289	0.00776112	0.1612456
<i>PRKCB</i>	-0.51205	0.192438	-2.660862	0.00779409	0.1612456
<i>RPS27</i>	0.131641	0.049503	2.659272	0.00783098	0.1612456
<i>TAGLN2</i>	-0.291718	0.10975	-2.658014	0.00786026	0.1612456
<i>LARP1</i>	0.450068	0.169612	2.653514	0.00796585	0.161568993
<i>SRSF5</i>	-0.280454	0.105692	-2.653513	0.00796588	0.161568993
<i>CNN3</i>	-0.764477	0.288195	-2.652643	0.00798644	0.161568993
<i>TTC37</i>	0.519351	0.196378	2.644648	0.00817759	0.164058004
<i>LYRM7</i>	0.377395	0.142716	2.644374	0.00818422	0.164058004
<i>GCSH</i>	-0.592392	0.224302	-2.641051	0.00826493	NA
<i>KDSR</i>	0.567778	0.21532	2.636903	0.00836667	0.166953072
<i>APLP2</i>	-0.486868	0.184777	-2.634892	0.00841642	0.167185854
<i>ADAMTS6</i>	0.909157	0.345764	2.629415	0.0085532	NA
<i>RDH5</i>	0.489907	0.18637	2.628682	0.00857165	0.169502502
<i>IZUMO4</i>	-0.665777	0.253458	-2.626775	0.00861983	0.169690741
<i>UGT8</i>	1.185548	0.451563	2.625431	0.00865394	NA
<i>LMO4</i>	0.535233	0.204148	2.621786	0.00874704	NA

<i>MME</i>	-2.927514	1.117051	-2.620753	0.00877359	NA
<i>CBLN3</i>	-0.895808	0.341863	-2.620375	0.00878332	NA
<i>NEIL1</i>	-0.652103	0.249121	-2.617619	0.00885457	0.173533753
<i>RHOF</i>	0.377704	0.144594	2.61217	0.00899696	0.175540709
<i>NREP</i>	-0.776085	0.297286	-2.610569	0.00903916	NA
<i>LSM2</i>	0.265121	0.102139	2.59569	0.00944012	0.183372272
<i>WASF1</i>	-1.154465	0.444884	-2.594981	0.0094596	NA
<i>HIP1R</i>	-0.493956	0.190455	-2.593557	0.00949888	0.183700872
<i>TMEM191B</i>	-0.762152	0.29419	-2.590675	0.0095788	NA
<i>RPL23</i>	0.13102	0.050612	2.588713	0.00963353	0.18548766
<i>ENSG00000251364</i>	1.27111	0.491199	2.587768	0.00966001	NA
<i>TMEM205</i>	-0.529083	0.204727	-2.584343	0.00975648	0.187034608
<i>ENSG00000187186</i>	1.408872	0.545715	2.581701	0.00983147	NA
<i>SWAP70</i>	0.367357	0.14237	2.5803	0.00987146	0.187705356
<i>VDAC2</i>	0.247381	0.095934	2.578656	0.00991854	0.187705356
<i>SESN3</i>	0.380322	0.147491	2.578615	0.00991974	0.187705356
<i>HCST</i>	1.012116	0.392653	2.577632	0.009948	NA
<i>CCT3</i>	0.276578	0.107401	2.575198	0.01001828	0.188350167
<i>ENSG00000279483</i>	-0.256777	0.09974	-2.574462	0.01003962	0.188350167
<i>IL23A</i>	-0.92928	0.361176	-2.572927	0.01008425	NA
<i>ATP9B</i>	-0.684426	0.26608	-2.572255	0.01010386	NA
<i>PSMA4</i>	-0.255906	0.099537	-2.570952	0.01014195	0.189460247
<i>TMEM14A</i>	0.611083	0.238183	2.565604	0.01029962	0.191064685
<i>CXCR4</i>	0.144937	0.056504	2.565091	0.01031488	0.191064685
<i>RGS10</i>	0.907023	0.354312	2.559953	0.01046863	0.192311524
<i>RPLP1</i>	0.219036	0.085565	2.559885	0.01047068	0.192311524
<i>RNASEK</i>	-0.554511	0.216678	-2.559146	0.01049298	NA
<i>LIMD1</i>	-0.917506	0.35885	-2.556798	0.01056405	0.192311524
<i>EIF4B</i>	0.192	0.07513	2.555563	0.01060161	0.192311524
<i>C9orf16</i>	-0.276647	0.108311	-2.554188	0.01064358	0.192311524
<i>RPL18A</i>	0.163712	0.064156	2.551768	0.01071779	0.192311524
<i>EIF5</i>	0.225671	0.088464	2.551006	0.01074125	0.192311524
<i>ASF1A</i>	0.555118	0.217666	2.550313	0.01076262	0.192311524
<i>ACYP2</i>	-0.421799	0.16542	-2.549865	0.01077645	0.192311524
<i>HCK</i>	-1.01233	0.397034	-2.549729	0.01078066	NA
<i>ENSG00000268400</i>	-2.224688	0.873754	-2.546125	0.01089262	NA
<i>MRPL28</i>	-0.337067	0.132445	-2.544967	0.01092882	0.193208439
<i>C19orf48</i>	0.650353	0.255635	2.544073	0.01095681	0.193208439
<i>TCL1A</i>	-0.492815	0.193716	-2.544012	0.01095875	0.193208439
<i>PPIL3</i>	0.542645	0.213793	2.538181	0.01114303	0.195289652
<i>ENSG00000224505</i>	-0.485315	0.19126	-2.537468	0.01116576	0.195289652
<i>ENSG00000262049</i>	-0.672482	0.265604	-2.531893	0.01134487	NA
<i>IFIT5</i>	0.791867	0.312843	2.531196	0.01136742	NA
<i>DUSP10</i>	1.016273	0.401519	2.531073	0.01137141	0.198097192
<i>FAAP100</i>	-0.807209	0.319194	-2.528901	0.01144203	NA
<i>RPLP0</i>	0.296406	0.117433	2.524049	0.01160116	0.201300801
<i>ADA</i>	-0.487317	0.193329	-2.520663	0.0117134	0.20244807

NACA	0.145762	0.058015	2.512468	0.01198901	0.205265105
LSM6	0.372828	0.148429	2.511824	0.01201089	0.205265105
RPS21	0.13942	0.055509	2.511655	0.01201666	0.205265105
MDFIC	0.972304	0.387211	2.511043	0.01203751	NA
PIGF	0.6144	0.24475	2.510311	0.0120625	NA
ACP1	-0.23363	0.093083	-2.509917	0.01207597	0.205384579
BIN2	-0.614188	0.244822	-2.508712	0.01211722	0.205384579
NSMCE4A	-0.626845	0.250077	-2.506611	0.01218947	0.205814493
SLC26A6	-1.129513	0.450804	-2.50555	0.01222612	NA
HIPK2	1.015212	0.405386	2.504311	0.01226902	NA
LINC01006	0.928601	0.371288	2.501025	0.01238344	NA
XKR8	0.750656	0.300255	2.500065	0.01241706	NA
LIMD2	-0.220668	0.088332	-2.49816	0.01248398	0.209979628
EEF1A1	0.221435	0.08871	2.496179	0.01255393	0.210087649
PSMC4	-0.450975	0.180732	-2.49527	0.01258612	0.210087649
SEM1	0.23522	0.094339	2.49335	0.01265441	0.210427541
VARS	-1.116425	0.448749	-2.487863	0.01285131	NA
TARBP1	-0.930259	0.373959	-2.487594	0.01286103	NA
TLE2	-1.396397	0.561393	-2.487379	0.01286884	NA
ACCS	1.217358	0.489421	2.487343	0.01287014	NA
TCEAL4	0.396263	0.159435	2.485414	0.01294007	0.214365705
THAP8	1.194755	0.481127	2.48324	0.01301935	NA
WARS	1.276757	0.514197	2.483011	0.01302771	NA
MT1F	1.36643	0.551174	2.479127	0.01317043	NA
LGALS3BP	-1.302909	0.525588	-2.478956	0.01317674	NA
ENSG00000225938	-0.448517	0.181176	-2.475584	0.01330186	NA
GLS	0.517679	0.209926	2.466002	0.01366305	NA
PRDX3	0.390982	0.158584	2.465457	0.01368386	0.225752816
JUND	-0.300382	0.121899	-2.464197	0.01373208	0.225752816
HINT1	0.18137	0.073641	2.462903	0.01378172	0.225752816
RPL27	0.132237	0.053758	2.459856	0.01389928	0.22683203
CCT4	0.284231	0.115718	2.456246	0.01403971	0.228275355
PPP1R14A	-0.769508	0.313512	-2.454476	0.01410899	0.228555211
LILRA4	1.713189	0.698207	2.453697	0.0141396	NA
NEK6	1.664151	0.678484	2.452749	0.01417691	NA
TCF7	-0.565165	0.230878	-2.447898	0.01436925	0.231915407
AIP	0.29976	0.122742	2.442192	0.01459837	0.234750381
ENSG00000270659	-1.266716	0.519042	-2.44049	0.01466734	NA
SMARCE1	-0.383929	0.157416	-2.438944	0.01473027	0.23600682
WDR46	-0.407025	0.167102	-2.435786	0.01485948	0.237211398
ADRB2	1.207859	0.496598	2.432267	0.01500464	NA
MTX2	0.762875	0.313726	2.431659	0.01502985	NA
ARF5	-0.345778	0.142363	-2.428854	0.01514664	0.240686674
SELENOF	-0.21497	0.088542	-2.427893	0.01518684	0.240686674
RAB33A	1.876969	0.773413	2.426866	0.01522986	NA
PDPK1	0.526584	0.216995	2.426716	0.01523616	NA
HOXB2	1.224795	0.50473	2.426635	0.01523959	NA

<i>RPS4X</i>	0.228274	0.094194	2.423436	0.01537447	0.24278385
<i>IFNG.AS1</i>	-1.729449	0.713862	-2.422664	0.01540716	NA
<i>C11orf1</i>	0.732996	0.302584	2.422457	0.01541597	NA
<i>ZFPL1</i>	-0.505832	0.209051	-2.419655	0.01553522	0.244443083
<i>DNAJB1</i>	0.551825	0.228294	2.417164	0.01564195	NA
<i>MFAP1</i>	0.572747	0.237069	2.415952	0.01569412	NA
<i>YBX3</i>	0.510069	0.211191	2.4152	0.01572657	0.246570082
<i>SMIM10</i>	-2.96597	1.228452	-2.414396	0.01576131	NA
<i>TCEAL8</i>	0.340345	0.141182	2.410679	0.01592284	0.248758909
<i>TMEM71</i>	-0.69673	0.289153	-2.409555	0.01597197	NA
<i>PTPN7</i>	-0.613514	0.254705	-2.408722	0.01600851	0.249210453
<i>NSUN7</i>	-1.10649	0.459596	-2.407526	0.01606102	NA
<i>LGALS3</i>	1.462824	0.607674	2.407252	0.0160731	NA
<i>BLNK</i>	0.228004	0.094741	2.406597	0.01610195	0.249779287
<i>EXOG</i>	-0.42336	0.176019	-2.40519	0.01616408	0.249860263
<i>DOCK9</i>	-1.226726	0.510929	-2.40097	0.01635168	NA
<i>ENSG00000275457</i>	-1.153587	0.480496	-2.400824	0.01635818	NA
<i>VSIR</i>	-0.617321	0.257164	-2.400498	0.01637277	NA
<i>CETN3</i>	0.555939	0.231612	2.4003	0.01638165	NA
<i>RPL39</i>	0.181223	0.075579	2.397784	0.01649458	0.254074409
<i>RGS16</i>	-1.075882	0.448982	-2.396271	0.01656285	NA
<i>SYNGR2</i>	-0.424975	0.177423	-2.395268	0.0166082	0.254930082
<i>ACTG1</i>	0.444112	0.185528	2.393781	0.01667572	0.255074606
<i>PSMB3</i>	-0.337922	0.141268	-2.392052	0.01675445	0.255389041
<i>PRAG1</i>	1.214425	0.507775	2.391661	0.01677234	NA
<i>CHMP6</i>	-0.68359	0.285939	-2.390684	0.01681702	NA
<i>POLE3</i>	-0.349142	0.14609	-2.38992	0.01685207	0.25585425
<i>MRPL32</i>	0.346513	0.145055	2.388843	0.01690153	0.25585425
<i>PTPRS</i>	1.786998	0.749132	2.385425	0.01705939	NA
<i>ENSG00000125726</i>	-1.460738	0.613357	-2.381544	0.01724023	NA
<i>LRIF1</i>	0.413023	0.173658	2.378368	0.01738946	0.262315137
<i>ZNF680</i>	0.443364	0.186513	2.377116	0.01744858	0.262315137
<i>ZNF844</i>	-0.708838	0.298272	-2.376482	0.01747861	NA
<i>LILRB1</i>	0.537768	0.226345	2.375871	0.01750759	0.262315137
<i>SREBF2.AS1</i>	-1.032379	0.435088	-2.372806	0.01765354	NA
<i>RPS19</i>	0.177518	0.075032	2.36591	0.01798581	0.268137769
<i>MTMR10</i>	-1.242421	0.525384	-2.364786	0.01804051	NA
<i>PDCD4</i>	0.464537	0.196464	2.364486	0.01805509	0.268137769
<i>GUCD1</i>	-0.38043	0.160927	-2.363987	0.01807945	0.268137769
<i>HELZ2</i>	0.672957	0.284812	2.362814	0.01813678	NA
<i>C21orf62</i>	-0.994212	0.420839	-2.362451	0.01815455	NA
<i>PIGM</i>	0.749959	0.31751	2.362002	0.01817655	NA
<i>CD37</i>	-0.151398	0.064111	-2.361489	0.01820173	0.26825635
<i>ARPC3</i>	-0.197925	0.083819	-2.361327	0.01820966	0.26825635
<i>ATP6AP2</i>	-0.387576	0.164378	-2.357829	0.01838218	0.269892209
<i>ZNF217</i>	0.6834	0.290003	2.35653	0.01844659	NA
<i>PGBD4</i>	-1.133658	0.481218	-2.355812	0.01848228	NA

<i>ERI3</i>	-0.517547	0.219967	-2.35284	0.01863066	NA
<i>DNAJC15</i>	0.458541	0.194977	2.351765	0.0186846	0.272790138
<i>CCT8</i>	0.343638	0.146143	2.351382	0.01870383	0.272790138
<i>KLK2</i>	1.646026	0.701556	2.346251	0.01896332	NA
<i>KCTD10</i>	-0.83192	0.3547	-2.345417	0.01900582	NA
<i>CLTA</i>	0.223657	0.095409	2.344198	0.01906803	0.276869121
<i>WDFY1</i>	0.756786	0.322946	2.343385	0.01910965	0.276869121
<i>ENSG00000275799</i>	0.639039	0.27277	2.342775	0.01914093	NA
<i>RCSD1</i>	-0.388272	0.166159	-2.33675	0.01945217	0.279847398
<i>ZNF638</i>	-0.387972	0.16606	-2.33634	0.01947352	0.279847398
<i>TCIRG1</i>	-0.492072	0.210733	-2.335047	0.01954096	0.279847398
<i>HNRNPA0</i>	-0.174913	0.074954	-2.333587	0.01961738	0.279847398
<i>ENSA</i>	-0.320771	0.137477	-2.333271	0.01963394	0.279847398
<i>MAP3K1</i>	0.407206	0.174618	2.331979	0.01970179	0.279905691
<i>RBM18</i>	0.521686	0.223741	2.331651	0.01971903	NA
<i>THEMIS2</i>	0.644877	0.276819	2.329596	0.01982754	NA
<i>RNF34</i>	0.438395	0.188264	2.328619	0.01987928	0.281516201
<i>PSMB10</i>	-0.280321	0.120491	-2.3265	0.01999192	0.282201017
<i>PTPRE</i>	-0.712445	0.306401	-2.325205	0.02006101	NA
<i>ISG20</i>	-0.311248	0.133961	-2.323415	0.02015684	0.283617115
<i>CLEC4A</i>	-1.327424	0.571381	-2.323184	0.02016927	NA
<i>DIS3L</i>	0.69288	0.298886	2.318211	0.02043784	NA
<i>FAM162A</i>	0.366733	0.158208	2.318051	0.02044654	0.28437404
<i>GPSM3</i>	-0.162552	0.070155	-2.31705	0.02050099	0.28437404
<i>NPM3</i>	0.511422	0.220835	2.315859	0.02056596	NA
<i>TNFAIP8</i>	0.226098	0.097631	2.315841	0.02056697	0.28437404
<i>PDE3B</i>	-0.595308	0.257153	-2.314993	0.02061334	0.28437404
<i>DPP9</i>	-0.577639	0.249615	-2.314124	0.02066092	NA
<i>FUT11</i>	0.566357	0.244795	2.313602	0.02068955	NA
<i>PPCS</i>	-0.259587	0.112288	-2.311791	0.02078919	0.28437404
<i>YWHAG</i>	0.49031	0.212174	2.310883	0.02083934	NA
<i>CYB561A3</i>	-0.407153	0.176298	-2.309459	0.02091811	0.28437404
<i>HMOX1</i>	0.922811	0.399632	2.309153	0.02093511	NA
<i>USP34</i>	0.290042	0.12561	2.309068	0.0209398	0.28437404
<i>CHPT1</i>	0.342234	0.148251	2.308478	0.02097259	0.28437404
<i>TAOK3</i>	0.383847	0.166289	2.308314	0.0209817	0.28437404
<i>TOP2A</i>	-1.798637	0.779319	-2.307959	0.02100144	NA
<i>ITGA5</i>	-1.202907	0.521337	-2.30735	0.02103532	NA
<i>MCM7</i>	-0.42612	0.184703	-2.307057	0.02105165	0.28437404
<i>ENSG00000089009</i>	0.15901	0.068923	2.307055	0.02105175	0.28437404
<i>RAD9A</i>	-0.306003	0.132715	-2.305711	0.02112676	0.28437404
<i>ZKSCAN1</i>	-0.295495	0.128166	-2.305564	0.02113498	0.28437404
<i>BMS1</i>	-0.473172	0.205259	-2.305243	0.02115294	0.28437404
<i>LINC.PINT</i>	0.282542	0.122593	2.304719	0.0211823	0.28437404
<i>RBM4</i>	-0.355773	0.154513	-2.302538	0.02130484	0.285147097
<i>PTCD2</i>	1.022943	0.444712	2.300235	0.0214349	NA
<i>UNC119</i>	-0.400876	0.174291	-2.300043	0.02144576	0.285202512



<i>PTPRC</i>	0.240985	0.10478	2.299905	0.02145361	0.285202512
<i>AFF3</i>	0.277665	0.120775	2.299019	0.02150388	0.285202512
<i>S1PR2</i>	-0.817213	0.355848	-2.296521	0.02164611	NA
<i>ALDH9A1</i>	0.48389	0.211014	2.293162	0.02183871	0.286101378
<i>MT.CO3</i>	0.216848	0.094571	2.292972	0.02184963	0.286101378
<i>CAMTA1</i>	-0.369718	0.161255	-2.292747	0.02186257	0.286101378
<i>DDT</i>	0.283884	0.12383	2.292529	0.02187511	0.286101378
<i>SEPTIN6</i>	0.233544	0.101952	2.290729	0.02197908	0.286101378
<i>CD1D</i>	1.039622	0.45402	2.289815	0.02203206	NA
<i>ZNF197</i>	-1.07089	0.468226	-2.287124	0.02218857	NA
<i>ENSG00000223881</i>	-1.639721	0.716968	-2.287022	0.02219455	NA
<i>TOMM5</i>	-0.342731	0.149893	-2.286502	0.02222493	0.286101378
<i>AKAP9</i>	0.195426	0.085493	2.28587	0.02226185	0.286101378
<i>NUAK2</i>	-0.338909	0.148276	-2.28566	0.02227415	0.286101378
<i>CDC25B</i>	-0.532614	0.233048	-2.285421	0.02228818	0.286101378
<i>IGKC</i>	-0.38846	0.169988	-2.285226	0.02229959	0.286101378
<i>PDCD4.AS1</i>	0.655938	0.287063	2.284994	0.0223132	NA
<i>AKIRIN2</i>	0.324191	0.141889	2.284828	0.02232292	0.286101378
<i>GLRX2</i>	0.584377	0.25597	2.282993	0.02243081	NA
<i>ARHGDI3</i>	-0.210431	0.09218	-2.282836	0.02244003	0.286101378
<i>EVI2A</i>	0.72716	0.318658	2.281944	0.02249262	0.286101378
<i>RBIS</i>	0.223301	0.097879	2.281403	0.02252461	0.286101378
<i>CSKMT</i>	-0.3101	0.13595	-2.280987	0.02254922	0.286101378
<i>LDB1</i>	0.981602	0.430629	2.279462	0.02263965	NA
<i>STK4</i>	0.23334	0.102505	2.276378	0.02282339	0.288745517
<i>SOAT1</i>	0.715767	0.314662	2.274722	0.02292263	NA
<i>MRPL42</i>	0.393101	0.172951	2.272902	0.02303209	0.290548499
<i>ITGA6.AS1</i>	-0.77291	0.341209	-2.265208	0.02349991	NA
<i>A4GALT</i>	1.479946	0.653592	2.264328	0.02355396	NA
<i>ZC3H12A</i>	-0.593941	0.262434	-2.263201	0.02362332	NA
<i>GYPC</i>	0.276182	0.122065	2.262587	0.02366116	0.297179097
<i>ENSG00000257275</i>	-0.562004	0.248447	-2.26207	0.02369309	0.297179097
<i>GNLY</i>	-2.494631	1.102895	-2.261893	0.02370401	NA
<i>TMUB1</i>	-0.281321	0.124585	-2.258063	0.02394171	0.298927988
<i>PARP14</i>	0.293207	0.129908	2.257031	0.02400611	0.298927988
<i>VOPP1</i>	-0.34828	0.154342	-2.25654	0.02403681	0.298927988
<i>RB1</i>	-0.322782	0.143313	-2.25228	0.02430461	0.299993012
<i>NR6A1</i>	-1.504241	0.667894	-2.252215	0.0243087	NA
<i>CNIH4</i>	0.457404	0.203154	2.251514	0.02435301	0.299993012
<i>ZDHHC14</i>	-0.817393	0.363104	-2.251125	0.02437762	0.299993012
<i>ENSG00000267364</i>	1.006415	0.447094	2.251016	0.02438452	NA
<i>GTF2F2</i>	0.407047	0.180843	2.250838	0.02439579	0.299993012
<i>SNHG10</i>	-0.495528	0.220175	-2.250606	0.02441048	NA
<i>WASHC2C</i>	0.604669	0.26875	2.249934	0.02445312	NA
<i>PIM1</i>	-0.344468	0.153187	-2.248682	0.02453271	0.300806621
<i>ZNF33A</i>	0.369942	0.164591	2.247643	0.02459899	0.300806621
<i>ENSG00000254614</i>	-0.801353	0.356579	-2.247336	0.02461853	NA

<i>ENSG00000273253</i>	0.717714	0.319435	2.246825	0.02465121	NA
<i>UXT</i>	0.208344	0.092753	2.246224	0.02468966	0.301076732
<i>IL21R</i>	-0.836003	0.372442	-2.244654	0.02479038	NA
<i>FCGR2B</i>	0.556411	0.24807	2.24296	0.02489937	0.302792871
<i>LACTB2</i>	0.503431	0.224637	2.241086	0.02502048	NA
<i>ZNF266</i>	-0.747711	0.333757	-2.240283	0.02507253	NA
<i>ENSG00000263394</i>	0.986304	0.440487	2.239121	0.02514805	NA
<i>RNF185</i>	0.609168	0.272114	2.23865	0.02517867	NA
<i>RBM19</i>	-0.5211	0.232941	-2.237041	0.02528365	NA
<i>RSBN1L</i>	0.360431	0.161303	2.234493	0.02545065	0.308641797
<i>CCDC90B</i>	0.322839	0.144662	2.231673	0.02563657	0.309217094
<i>AGPAT2</i>	-0.340226	0.152456	-2.231637	0.02563896	0.309217094
<i>GNPDA1</i>	0.984259	0.441507	2.229317	0.02579283	NA
<i>ENSG00000258056</i>	1.010512	0.453299	2.229238	0.02579806	NA
<i>LAPTM5</i>	-0.179307	0.080496	-2.227521	0.0259125	0.311659978
<i>IFI30</i>	0.469818	0.211162	2.224915	0.02608695	0.31278158
<i>HDX</i>	1.714021	0.770907	2.223384	0.02618992	NA
<i>ENSG00000278834</i>	-1.36409	0.61385	-2.222189	0.02627053	NA
<i>ZBTB25</i>	0.462361	0.208073	2.222113	0.02627567	0.31278158
<i>RPS29</i>	0.128578	0.057867	2.221964	0.02628574	0.31278158
<i>ACAT1</i>	-0.533146	0.239975	-2.22167	0.02630561	0.31278158
<i>KIAA0040</i>	0.338496	0.152418	2.220837	0.026362	0.31278158
<i>MRPL41</i>	-0.368541	0.16604	-2.219593	0.02644638	0.312937001
<i>EPS8L2</i>	0.813793	0.366738	2.219007	0.02648624	NA
<i>C1QBP</i>	0.346505	0.156242	2.217745	0.0265722	0.313576828
<i>NFE2L2</i>	0.307081	0.138586	2.215821	0.02670378	0.313576828
<i>CRIP1</i>	0.383884	0.173303	2.215107	0.02675274	0.313576828
<i>NBPF15</i>	0.920714	0.415662	2.215054	0.02675635	NA
<i>EIF4A2</i>	0.158604	0.071619	2.214559	0.02679035	0.313576828
<i>ENSG00000273748</i>	-0.855945	0.386679	-2.213581	0.02685761	0.313576828
<i>ZNHIT3</i>	0.268025	0.121394	2.207885	0.02725226	0.317340681
<i>KLHL6</i>	0.655891	0.297544	2.204354	0.02749946	0.318784124
<i>SPPL2A</i>	-0.365946	0.166035	-2.20403	0.02752226	0.318784124
<i>TOE1</i>	-0.536737	0.243534	-2.203954	0.02752759	NA
<i>ENSG00000180448</i>	-0.286637	0.13019	-2.201682	0.02768781	0.318784124
<i>PHF3</i>	0.273361	0.124208	2.200838	0.02774747	0.318784124
<i>LY6E</i>	0.352685	0.16026	2.200712	0.02775644	0.318784124
<i>DLGAP1.AS1</i>	-0.345767	0.157172	-2.199929	0.02781192	0.318784124
<i>ZNF441</i>	-0.479249	0.217866	-2.199749	0.02782473	NA
<i>SETBP1</i>	0.57817	0.262964	2.198662	0.02790197	NA
<i>APBB1</i>	0.783933	0.356676	2.197889	0.02795703	NA
<i>DGCR6</i>	-1.642796	0.747816	-2.196791	0.0280354	NA
<i>ATF7IP2</i>	-0.495903	0.225758	-2.196615	0.02804793	0.320652083
<i>JARID2</i>	-0.329517	0.15038	-2.191226	0.02843543	0.324237753
<i>THG1L</i>	0.513257	0.234379	2.18986	0.02853438	NA
<i>P4HA1</i>	-0.563782	0.257526	-2.189221	0.02858075	NA
<i>TXN</i>	0.36722	0.167969	2.18624	0.02879804	0.327521726

<i>FAM78A</i>	0.565669	0.259389	2.180772	0.02920032	NA
<i>ATP2B1.AS1</i>	-0.354655	0.16286	-2.177665	0.029431	0.33385547
<i>ENSG00000272182</i>	-1.415776	0.650777	-2.175518	0.02959134	NA
<i>KDELR2</i>	-0.325908	0.149855	-2.174828	0.02964298	0.335393453
<i>PRICKLE1</i>	0.63481	0.29195	2.174381	0.0296765	NA
<i>SPON1</i>	-0.582867	0.268228	-2.173031	0.02977797	NA
<i>IRS2</i>	0.441792	0.203327	2.172811	0.02979452	0.336241457
<i>GLMP</i>	0.727388	0.334801	2.172598	0.02981059	NA
<i>PILRB</i>	0.581353	0.267728	2.171435	0.02989828	0.336547255
<i>MBNL2</i>	-0.579997	0.267245	-2.170285	0.0299853	NA
<i>GPRIN3</i>	1.270375	0.585449	2.169917	0.03001312	NA
<i>USP53</i>	0.908881	0.418899	2.169688	0.03003047	NA
<i>RP9</i>	0.511163	0.235692	2.168775	0.03009981	NA
<i>TMEM243</i>	0.248947	0.114863	2.167344	0.03020866	0.339021816
<i>STAM2</i>	0.770944	0.355713	2.167322	0.03021028	NA
<i>MAVS</i>	0.391034	0.180491	2.166506	0.03027256	0.339021816
<i>BAG2</i>	0.666968	0.307911	2.166104	0.03030325	NA
<i>FAM160B1</i>	-0.841211	0.38839	-2.165893	0.03031938	NA
<i>TLE3</i>	-0.345045	0.159495	-2.163364	0.03051318	0.340403987
<i>COL9A3</i>	-0.738666	0.341521	-2.162872	0.03055106	0.340403987
<i>FCRL4</i>	1.767295	0.817246	2.162502	0.03057951	NA
<i>PSMC3</i>	-0.319856	0.148083	-2.159982	0.03077409	0.34202085
<i>IL3RA</i>	-2.152479	0.997293	-2.158321	0.03090285	NA
<i>IMPDH2</i>	0.254463	0.117992	2.156604	0.03103652	0.344066507
<i>OPTN</i>	-0.649321	0.301236	-2.155524	0.03112087	0.344132549
<i>NAIP</i>	0.841034	0.390213	2.15532	0.0311368	NA
<i>ENSG00000259943</i>	-0.75118	0.34864	-2.154601	0.0311931	NA
<i>ENSG00000232698</i>	-1.97676	0.917809	-2.15378	0.03125742	NA
<i>GBGT1</i>	0.823322	0.38292	2.150116	0.03154604	NA
<i>ARPC1B</i>	-0.169744	0.079043	-2.147507	0.03175295	0.349596089
<i>S100A4</i>	0.557542	0.259655	2.147239	0.03177422	0.349596089
<i>CD40</i>	-0.296761	0.13832	-2.145465	0.03191565	0.3502743
<i>C6orf120</i>	0.788246	0.367557	2.144554	0.03198852	NA
<i>PEG10</i>	1.186232	0.553142	2.144533	0.03199017	NA
<i>MGAT4A</i>	-0.652293	0.304207	-2.144238	0.0320138	NA
<i>MGST2</i>	-1.55322	0.724552	-2.143699	0.03205703	NA
<i>C9orf72</i>	-0.648897	0.30283	-2.142774	0.03213121	NA
<i>CASZ1</i>	-1.197984	0.559388	-2.141597	0.03222592	NA
<i>IL10RB</i>	0.357049	0.166726	2.141528	0.03223151	0.352858627
<i>POLR1D</i>	0.322755	0.150836	2.139773	0.03237311	0.353371728
<i>CD55</i>	-0.308352	0.14416	-2.138954	0.03243936	0.353371728
<i>WASH9P</i>	-0.500355	0.234059	-2.137732	0.03253848	0.353574085
<i>TRIP10</i>	0.689658	0.323003	2.135144	0.03274923	NA
<i>HLA.DMA</i>	-0.253601	0.11882	-2.134329	0.03281587	0.354384105
<i>TLK1</i>	0.284064	0.133108	2.13409	0.03283538	0.354384105
<i>KRCC1</i>	0.286483	0.134257	2.133848	0.0328552	0.354384105
<i>SNHG32</i>	0.208281	0.097662	2.132662	0.03295242	0.354561603

<i>RBM11</i>	-1.772798	0.831416	-2.132263	0.03298526	NA
<i>MED6</i>	-0.31004	0.145548	-2.130157	0.03315865	0.355908244
<i>FBXO44</i>	-0.432052	0.202856	-2.129849	0.03318412	NA
<i>SAG</i>	-2.092472	0.983331	-2.127943	0.03334184	NA
<i>LINC01215</i>	-0.39059	0.183588	-2.127536	0.03337557	0.356425413
<i>NOC3L</i>	0.409471	0.192475	2.127399	0.03338696	0.356425413
<i>QARS</i>	0.279366	0.131365	2.126635	0.0334504	0.356425413
<i>GPR160</i>	0.812755	0.382669	2.123913	0.03367746	NA
<i>RPS11</i>	0.225168	0.106081	2.122613	0.03378628	0.358705594
<i>ZFAND2A</i>	-0.457092	0.215432	-2.121745	0.03385914	0.358705594
<i>MBTPS1</i>	-0.460218	0.217045	-2.12038	0.03397397	0.358705594
<i>HSP90AB1</i>	0.227383	0.107253	2.120055	0.03400137	0.358705594
<i>SMIM10L1</i>	-0.31695	0.149577	-2.118976	0.03409252	0.358705594
<i>SDR39U1</i>	-0.351727	0.166116	-2.117363	0.03422905	0.358705594
<i>TMEM102</i>	0.723851	0.341877	2.117285	0.03423567	NA
<i>TSN</i>	-0.326394	0.154157	-2.117277	0.03423637	0.358705594
<i>MYL9</i>	1.289513	0.609178	2.116809	0.03427606	NA
<i>ENSG00000228106</i>	-0.618851	0.292382	-2.116583	0.03429529	NA
<i>MRPL45</i>	0.401627	0.189942	2.114473	0.03447487	0.360344457
<i>TPP1</i>	0.368899	0.174591	2.112933	0.03460652	0.360662686
<i>JMY</i>	0.765115	0.362226	2.112259	0.03466425	NA
<i>RGS2</i>	0.528935	0.250419	2.112196	0.03466963	0.360662686
<i>ENSG00000258017</i>	-1.531335	0.725274	-2.111387	0.03473907	NA
<i>KLF2</i>	-0.587745	0.278651	-2.109251	0.03492295	0.36243913
<i>AMZ2</i>	-0.333879	0.15844	-2.107294	0.03509214	0.36333609
<i>CENPB</i>	-0.663766	0.314991	-2.107252	0.03509576	NA
<i>PYCR3</i>	-0.59008	0.280041	-2.107118	0.03510732	NA
<i>ENSG00000275964</i>	-0.784723	0.372477	-2.10677	0.03513756	NA
<i>LAS1L</i>	-0.574022	0.272503	-2.106475	0.03516311	NA
<i>SLC16A3</i>	0.578274	0.274603	2.105853	0.03521714	NA
<i>KLHL5</i>	-0.514584	0.244527	-2.104405	0.03534317	0.364326957
<i>TMEM179B</i>	-0.318569	0.151391	-2.104282	0.03535382	0.364326957
<i>SMARCC1</i>	0.377925	0.17972	2.102852	0.03547869	0.364332788
<i>FAM210B</i>	0.916268	0.435771	2.102637	0.03549751	NA
<i>PPP1R16B</i>	0.475143	0.226003	2.102376	0.03552037	0.364332788
<i>CYBB</i>	-0.494413	0.23537	-2.100579	0.03567795	0.365096032
<i>KLHL21</i>	0.828682	0.394538	2.100384	0.03569506	NA
<i>PARP15</i>	0.705882	0.336386	2.09843	0.03586721	0.366179214
<i>ATP5MC2</i>	0.159432	0.076017	2.097321	0.0359652	0.366327624
<i>PLEK</i>	-0.655757	0.312826	-2.096235	0.03606131	NA
<i>BIRC3</i>	-0.389781	0.18598	-2.095822	0.03609797	0.366828923
<i>C17orf49</i>	-0.63357	0.302733	-2.092832	0.03636413	NA
<i>PTTG1IP</i>	0.478212	0.228641	2.091539	0.03647976	NA
<i>CD180</i>	0.430647	0.20604	2.090111	0.0366078	0.368871265
<i>RAB11B</i>	-0.305894	0.146353	-2.090107	0.03660815	0.368871265
<i>GUK1</i>	-0.218209	0.104404	-2.090045	0.03661378	0.368871265
<i>NSMCE2</i>	0.414374	0.198283	2.089808	0.03663505	0.368871265

<i>RBBP8</i>	-0.686223	0.328688	-2.087764	0.03681914	NA
<i>KRR1</i>	0.392701	0.188288	2.085639	0.03701136	0.370563313
<i>NBPF12</i>	-0.633476	0.303744	-2.085558	0.03701865	NA
<i>ABI1</i>	0.317746	0.152402	2.084921	0.03707643	0.370563313
<i>ENSG00000281706</i>	1.320804	0.633579	2.084671	0.03709916	NA
<i>MRPL44</i>	0.602743	0.289194	2.084218	0.03714032	0.370563313
<i>SCAI</i>	0.356894	0.171261	2.083918	0.03716764	0.370563313
<i>LINC01003</i>	-1.289205	0.618905	-2.083042	0.03724739	NA
<i>WDSUB1</i>	0.558743	0.268267	2.082784	0.03727088	0.370563313
<i>TMBIM4</i>	-0.187969	0.090267	-2.08236	0.03730956	0.370563313
<i>SMOX</i>	-1.60638	0.77227	-2.080077	0.0375185	NA
<i>ANXA6</i>	-0.302652	0.145537	-2.079547	0.03756711	0.372279016
<i>INTS6L</i>	0.749556	0.360514	2.079134	0.037605	NA
<i>RAB3A</i>	1.1057	0.532193	2.077628	0.03774367	NA
<i>NOL12</i>	-0.45346	0.218446	-2.075843	0.0379085	0.373265392
<i>ENSG00000272583</i>	-1.039383	0.500889	-2.075078	0.03797927	NA
<i>HNRNP11</i>	-0.193177	0.093106	-2.0748	0.03800512	0.373265392
<i>PFDN5</i>	0.104459	0.050347	2.074785	0.03800649	0.373265392
<i>SCRN2</i>	0.449362	0.216583	2.074782	0.03800675	0.373265392
<i>ARFIP1</i>	-0.638555	0.3078	-2.074575	0.0380259	NA
<i>CYBC1</i>	-0.227367	0.109653	-2.073516	0.03812432	0.373584304
<i>HIST3H2A</i>	1.32284	0.638403	2.072109	0.03825528	NA
<i>ATP5PB</i>	0.254334	0.122955	2.068505	0.03859255	0.377330316
<i>NHLRC2</i>	0.609431	0.294637	2.06841	0.03860147	NA
<i>YTHDC2</i>	0.481696	0.233067	2.066769	0.03875594	NA
<i>VAT1</i>	0.517763	0.250687	2.06538	0.03888708	0.379365102
<i>NAA40</i>	-0.708357	0.343184	-2.064074	0.03901071	NA
<i>ETNK1</i>	0.412258	0.199752	2.063848	0.03903214	0.37993593
<i>GPBP1L1</i>	-0.285501	0.138401	-2.062856	0.03912628	0.380009644
<i>COCH</i>	-0.941859	0.456965	-2.061117	0.03929188	NA
<i>C2CD3</i>	1.030966	0.500687	2.059102	0.03948444	NA
<i>EA2</i>	-0.487194	0.236648	-2.058728	0.03952034	0.381719331
<i>NCBP2</i>	-0.278977	0.135567	-2.057854	0.0396042	0.381719331
<i>SOD2</i>	-0.390598	0.189865	-2.057244	0.03966275	0.381719331
<i>HSD17B11</i>	0.175638	0.08539	2.0569	0.03969588	0.381719331
<i>SH3GLB1</i>	0.262898	0.127839	2.056472	0.03973707	0.381719331
<i>ENSG00000260261</i>	-0.79762	0.388498	-2.053088	0.04006409	NA
<i>ATP13A3</i>	0.695154	0.338696	2.052446	0.04012637	NA
<i>C1orf56</i>	-0.378251	0.184359	-2.051713	0.04019752	0.384365647
<i>ANKRD17</i>	0.437805	0.213416	2.051417	0.04022635	0.384365647
<i>TRMT13</i>	0.338925	0.165305	2.050298	0.04033535	0.384365647
<i>LINC01857</i>	0.506938	0.247285	2.050017	0.04036277	0.384365647
<i>POLE2</i>	1.281485	0.625184	2.049772	0.04038666	NA
<i>HSBP1</i>	0.332448	0.162267	2.048771	0.04048451	0.384638321
<i>SPCS2</i>	-0.194972	0.095204	-2.047932	0.04056664	0.384638321
<i>IRF1</i>	-0.233434	0.114061	-2.04657	0.04070031	0.3847556
<i>SRSF2</i>	-0.194361	0.094995	-2.046021	0.0407543	0.3847556

LY96	0.451443	0.220901	2.043648	0.04098833	0.385395946
NDUFS5	0.187255	0.091632	2.043553	0.0409977	0.385395946
EXD3	-0.549349	0.268977	-2.042367	0.04111509	NA
E2F4	-0.414634	0.203065	-2.04188	0.04116346	0.386100663
ZNF263	-0.777316	0.380907	-2.040699	0.04128074	0.386100663
KCNMB3	-0.751939	0.368482	-2.040642	0.04128646	NA
ANK1	-1.354002	0.663748	-2.039933	0.04135705	NA
IKBIP	0.406458	0.199285	2.039579	0.04139227	0.386100663
ZFYVE21	0.589182	0.288913	2.039305	0.04141963	NA
PRR4	0.388028	0.190279	2.039256	0.04142447	0.386100663
ZNF827	0.918001	0.450179	2.03919	0.04143105	NA
RPS6KB2.AS1	-1.156091	0.567064	-2.038732	0.04147678	NA
RASSF5	-0.277228	0.136155	-2.03612	0.04173835	0.387840009
LINC00667	-0.395366	0.194223	-2.035628	0.04178777	0.387840009
MYC	0.342591	0.168486	2.03335	0.04201718	0.388641884
EIF3L	0.188132	0.09254	2.032975	0.04205508	0.388641884
CD47	0.179202	0.088184	2.032137	0.04213976	0.388641884
OPA3	0.660306	0.324967	2.031919	0.0421619	NA
CD151	-0.601159	0.295995	-2.030973	0.04225776	NA
TTN.AS1	0.801579	0.394692	2.030897	0.04226543	NA
ALG11	-1.023927	0.504594	-2.02921	0.04243695	NA
CERS2	0.46276	0.228349	2.026549	0.04270854	0.392673635
KCTD5	0.456834	0.225437	2.026436	0.04272008	NA
ZNF706	0.19809	0.09777	2.026088	0.04275581	0.392673635
DHX57	-0.537466	0.265514	-2.024251	0.04294434	0.393213066
THOC2	0.31543	0.155862	2.023771	0.04299368	0.393213066
VASP	-0.269599	0.133289	-2.022658	0.04310842	0.393350934
RPRML	-2.029939	1.003659	-2.022538	0.0431208	NA
CHTF18	-0.738699	0.365331	-2.022	0.04317631	NA
BNIP2	-0.271892	0.134474	-2.021888	0.04318796	0.393350934
CDK11A	-0.385768	0.191042	-2.019285	0.04345764	0.394284009
SNAPC2	0.429861	0.212891	2.019165	0.04347004	0.394284009
TOB1	0.829636	0.411005	2.018558	0.04353322	NA
EPC1	-0.207882	0.103024	-2.017797	0.04361242	0.394759882
DIPK1B	-1.177899	0.584412	-2.015529	0.04384927	NA
CHD7	0.477435	0.237062	2.013964	0.04401331	0.397568778
ENSG00000268584	-0.884426	0.439285	-2.01333	0.04407994	NA
IK	-0.236393	0.117473	-2.012312	0.04418705	0.397995581
FAM122A	0.435463	0.216455	2.011792	0.04424188	0.397995581
ENSG00000258308	-1.873531	0.93178	-2.010701	0.04435702	NA
ARL3	0.451558	0.224701	2.009593	0.04447427	NA
SIMC1	-0.44894	0.223401	-2.009574	0.04447624	NA
RIN3	0.533268	0.265394	2.009342	0.04450083	0.399506463
FOXO3	0.668193	0.332546	2.009326	0.04450262	NA
CTBP1.AS	-1.410965	0.702423	-2.008712	0.04456771	NA
PAPOLG	0.706824	0.351918	2.008489	0.04459134	NA
GNA12	0.522306	0.260161	2.007627	0.04468296	NA

<i>RASSF1.AS1</i>	-1.074224	0.535339	-2.006624	0.04478976	NA
<i>ARMC1</i>	0.425427	0.212137	2.005435	0.04491661	0.40241615
<i>ZNF117</i>	-1.05132	0.524478	-2.004508	0.04501564	NA
<i>ATP2A3</i>	-0.31653	0.157919	-2.00438	0.04502933	0.402604392
<i>SGPP1</i>	0.841284	0.420054	2.002799	0.04519886	NA
<i>GTF2F1</i>	0.253829	0.126752	2.002561	0.04522443	0.403029689
<i>GPATCH4</i>	0.456565	0.228029	2.002225	0.04526051	0.403029689
<i>GAB1</i>	0.93316	0.466128	2.001938	0.04529144	NA
<i>EXOSC5</i>	0.486519	0.243065	2.001596	0.0453282	NA
<i>ZCCHC9</i>	0.394145	0.197119	1.999534	0.04555064	0.404492737
<i>AZIN1</i>	-0.367393	0.183789	-1.998993	0.04560909	0.404492737
<i>TSC22D1</i>	-0.722011	0.361538	-1.997051	0.04581959	NA
<i>LAMB1</i>	-0.892231	0.447048	-1.995828	0.04595266	NA
<i>DARS</i>	0.262559	0.131632	1.994651	0.04608091	0.407853204
<i>NFATC2</i>	0.58603	0.293811	1.99458	0.04608874	NA
<i>PCLAF</i>	-1.416759	0.71072	-1.993413	0.04621628	NA
<i>SHKBP1</i>	-0.285051	0.143043	-1.992756	0.04628821	0.408863667
<i>ENSG00000271737</i>	-0.925611	0.465032	-1.990424	0.04654429	NA
<i>KDM5B</i>	0.627232	0.315302	1.98931	0.04666705	NA
<i>PTGES2</i>	-0.39006	0.196131	-1.988773	0.04672631	0.411904589
<i>FOXRED1</i>	-0.66109	0.332668	-1.987238	0.046896	NA
<i>CCDC66</i>	0.34872	0.175483	1.987206	0.0468996	0.412603652
<i>LINC02422</i>	0.50562	0.254467	1.986979	0.04692477	NA
<i>PSMC1</i>	-0.280645	0.141309	-1.986035	0.04702949	0.412918902
<i>SIGLEC14</i>	0.727423	0.36633	1.985704	0.04706618	NA
<i>IFITM3</i>	-1.254177	0.631868	-1.984873	0.04715866	NA
<i>SENP5</i>	-0.384632	0.193935	-1.983307	0.04733319	0.414569198
<i>SMPD2</i>	-0.44758	0.225747	-1.98266	0.04740539	NA
<i>NRBF2</i>	0.343806	0.173407	1.982652	0.04740632	0.414569198
<i>ENSG00000266088</i>	-2.201717	1.110794	-1.982111	0.04746684	NA
<i>HOOK1</i>	1.051888	0.531104	1.98057	0.04763951	NA
<i>RPRD1A</i>	-0.37395	0.18882	-1.980459	0.04765203	0.41588948
<i>POU2F2</i>	0.22034	0.111348	1.978832	0.04783493	0.416657411
<i>SEPSECS.AS1</i>	0.763464	0.386022	1.977775	0.04795415	NA
<i>IDH2</i>	-0.303586	0.15351	-1.977621	0.04797152	0.41678685
<i>WRNIP1</i>	0.700629	0.354386	1.977023	0.04803899	NA
<i>KAT2A</i>	-0.380379	0.1924	-1.977017	0.04803967	0.41678685
<i>FAAP24</i>	-0.830852	0.420424	-1.976222	0.04812962	NA
<i>KHDC4</i>	-0.255416	0.129316	-1.975129	0.04825348	0.417816127
<i>POU2AF1</i>	-0.201423	0.102065	-1.973481	0.0484408	0.418447872
<i>ATP6V1A</i>	0.442154	0.224124	1.972811	0.04851708	0.418447872
<i>ARMH1</i>	-0.874963	0.444209	-1.969713	0.04887131	NA
<i>LHFPL4</i>	0.937625	0.476065	1.96953	0.04889231	NA
<i>TRIM4</i>	0.448559	0.22776	1.969434	0.04890325	0.419928263
<i>HLA.F</i>	-0.213038	0.108186	-1.969189	0.04893139	0.419928263
<i>MICOS10</i>	0.200228	0.101701	1.968803	0.04897569	0.419928263
<i>GCNT2</i>	0.631227	0.320629	1.968716	0.04898575	NA

<i>MYH3</i>	-1.247331	0.63374	-1.968205	0.04904451	NA
<i>ENSG00000225342</i>	-0.676192	0.344048	-1.965399	0.04936807	NA
<i>MT.ND6</i>	0.420339	0.214127	1.96304	0.04964157	0.424807975
<i>ENSG00000280011</i>	-1.106075	0.563746	-1.962009	0.04976142	NA
<i>LTB</i>	-0.342365	0.174502	-1.961961	0.049767	0.424920632
<i>DDX11</i>	-0.859189	0.438054	-1.961378	0.04983494	NA
<i>RND1</i>	-1.145074	0.583838	-1.961286	0.04984561	NA
<i>LYST</i>	-0.389073	0.198393	-1.961121	0.04986487	0.424920632
<i>SEPTIN7</i>	0.195252	0.099596	1.960434	0.04994511	0.424920632



<b>Cluster 9</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>DHTKD1</i>	-1.036891	0.13692	-7.572973	3.65E-14	3.61E-10
<i>ARL17A</i>	-1.124521	0.17256	-6.516703	7.19E-11	3.55E-07
<i>CKS2</i>	0.734163	0.117336	6.25691	3.93E-10	1.29E-06
<i>TMEM70</i>	0.594117	0.09883	6.011529	1.84E-09	3.70E-06
<i>CHORDC1</i>	0.699586	0.116432	6.00852	1.87E-09	3.70E-06
<i>SRSF7</i>	0.386678	0.065027	5.946443	2.74E-09	4.52E-06
<i>TNFRSF12A</i>	1.411121	0.239721	5.886518	3.94E-09	5.57E-06
<i>SDCBP</i>	0.640324	0.109344	5.856048	4.74E-09	5.86E-06
<i>ARRDC3</i>	-0.602893	0.105291	-5.72598	1.03E-08	1.13E-05
<i>KDM6B</i>	0.611342	0.112803	5.419565	5.97E-08	5.66E-05
<i>ENSG00000273748</i>	-1.210698	0.223786	-5.410064	6.30E-08	5.66E-05
<i>RHOF</i>	-0.500456	0.092829	-5.391149	7.00E-08	5.77E-05
<i>ENSG00000130313</i>	-0.417909	0.079602	-5.249987	1.52E-07	0.000115674
<i>DUSP14</i>	0.72054	0.140978	5.111018	3.20E-07	0.000226268
<i>RIN3</i>	1.240795	0.245838	5.04721	4.48E-07	0.000281731
<i>HNRNP3</i>	0.398148	0.078935	5.043971	4.56E-07	0.000281731
<i>ALOX5</i>	-0.588493	0.117962	-4.988837	6.07E-07	0.000353243
<i>FLYWCH2</i>	-0.55958	0.112548	-4.971946	6.63E-07	0.000364047
<i>IZUMO4</i>	-0.729663	0.147306	-4.95338	7.29E-07	0.000379493
<i>PIGX</i>	-0.830526	0.168058	-4.941902	7.74E-07	0.000382411
<i>ENSG00000254614</i>	-1.593047	0.323019	-4.931746	8.15E-07	0.000383661
<i>PSME1</i>	-0.249706	0.051184	-4.878609	1.07E-06	0.000480084
<i>MACROD2</i>	-1.300687	0.268543	-4.843488	1.28E-06	0.000536692
<i>MRPL39</i>	0.486389	0.100541	4.837707	1.31E-06	0.000536692
<i>GATD3</i>	5.27088	1.091011	4.831189	1.36E-06	0.000536692
<i>RDX</i>	0.529223	0.109924	4.814448	1.48E-06	0.000561249
<i>TTC32</i>	-0.768015	0.161168	-4.765318	1.89E-06	0.000690393
<i>ENSG00000272211</i>	-1.296262	0.273841	-4.733635	2.21E-06	0.000778641
<i>PFKL</i>	-0.458855	0.097263	-4.71765	2.39E-06	0.000789912
<i>HMOX1</i>	1.756464	0.372393	4.716695	2.40E-06	0.000789912
<i>ARL4C</i>	-1.24735	0.266228	-4.685268	2.80E-06	0.000867381
<i>CD48</i>	0.506911	0.108373	4.677459	2.90E-06	0.000867381
<i>HSPH1</i>	0.782082	0.167249	4.676141	2.92E-06	0.000867381
<i>TRADD</i>	-0.488355	0.104528	-4.67198	2.98E-06	0.000867381
<i>GALNT2</i>	-0.762319	0.164446	-4.635677	3.56E-06	0.0010049
<i>LMO4</i>	0.813322	0.179415	4.533195	5.81E-06	0.001559153
<i>C17orf49</i>	-0.730199	0.161111	-4.532268	5.84E-06	0.001559153
<i>POU2F2</i>	0.402547	0.089293	4.508146	6.54E-06	0.001668709
<i>RFTN1</i>	-0.541688	0.120294	-4.503046	6.70E-06	0.001668709
<i>FCRL5</i>	1.556078	0.34569	4.501366	6.75E-06	0.001668709
<i>MIR181A1HG</i>	-1.029829	0.229113	-4.494856	6.96E-06	0.001678617
<i>SEC14L1</i>	-0.455058	0.101435	-4.486218	7.25E-06	0.001706479
<i>BHLHE41</i>	1.486264	0.332854	4.465207	8.00E-06	0.001839059
<i>BRIX1</i>	0.487664	0.109992	4.43364	9.27E-06	0.002081801
<i>UPP1</i>	0.624087	0.140979	4.426807	9.56E-06	0.002101065
<i>SLCO4A1</i>	1.048956	0.238372	4.400497	1.08E-05	0.002321131

<i>SIPA1L3</i>	-0.66239	0.150891	-4.389863	1.13E-05	0.002364021
<i>GNPDA1</i>	1.305779	0.297718	4.385957	1.15E-05	0.002364021
<i>UTP4</i>	0.643434	0.146809	4.382783	1.17E-05	0.002364021
<i>DIRAS1</i>	-1.094427	0.250166	-4.374807	1.22E-05	0.002403084
<i>GTF2IRD2</i>	-0.611267	0.1401	-4.363086	1.28E-05	0.002485857
<i>PPIL4</i>	0.498588	0.114766	4.344399	1.40E-05	0.002604967
<i>FADS1</i>	-0.986989	0.227201	-4.344112	1.40E-05	0.002604967
<i>SOCS3</i>	1.304265	0.300501	4.340297	1.42E-05	0.002604967
<i>NR4A3</i>	1.020945	0.235658	4.332322	1.48E-05	0.002652048
<i>POLR2J</i>	-0.283007	0.06558	-4.31543	1.59E-05	0.002731389
<i>ENSG00000272831</i>	-0.681885	0.158173	-4.311003	1.63E-05	0.002731389
<i>GTF2B</i>	0.564457	0.130951	4.310448	1.63E-05	0.002731389
<i>KDM4B</i>	0.557955	0.12946	4.309872	1.63E-05	0.002731389
<i>GNG11</i>	1.953506	0.453606	4.306613	1.66E-05	0.002731389
<i>NR4A1</i>	1.072268	0.249681	4.294555	1.75E-05	0.00283686
<i>TAF1A</i>	0.742445	0.173161	4.287593	1.81E-05	0.002843904
<i>RHEB</i>	0.33249	0.077621	4.283495	1.84E-05	0.002843904
<i>TCL1B</i>	-2.212826	0.516612	-4.28334	1.84E-05	0.002843904
<i>CMTM7</i>	-0.767365	0.179637	-4.271764	1.94E-05	0.002905385
<i>C2orf68</i>	-0.423452	0.099129	-4.271725	1.94E-05	0.002905385
<i>MED21</i>	0.435666	0.102441	4.25283	2.11E-05	0.003114621
<i>ASF1A</i>	0.564089	0.134735	4.186671	2.83E-05	0.004106238
<i>SRSF11</i>	0.27241	0.06511	4.183862	2.87E-05	0.004106238
<i>DNTTIP2</i>	0.368259	0.088709	4.151335	3.31E-05	0.004668201
<i>PHKG1</i>	-0.779234	0.188066	-4.143414	3.42E-05	0.004684519
<i>HSPD1</i>	0.668359	0.161329	4.142825	3.43E-05	0.004684519
<i>AK6</i>	0.42589	0.102852	4.140802	3.46E-05	0.004684519
<i>KBTBD8</i>	1.100314	0.265918	4.1378	3.51E-05	0.004684519
<i>DNAJB9</i>	0.442506	0.108046	4.095545	4.21E-05	0.005487885
<i>ATF3</i>	0.696111	0.169984	4.095153	4.22E-05	0.005487885
<i>CALM3</i>	-0.413642	0.101244	-4.085609	4.40E-05	0.005644192
<i>TNFRSF1B</i>	0.916502	0.224657	4.079558	4.51E-05	0.00571886
<i>PPIF</i>	0.671223	0.164852	4.071674	4.67E-05	0.005782479
<i>KLF10</i>	0.723687	0.177762	4.071092	4.68E-05	0.005782479
<i>TSPAN33</i>	-0.518677	0.127767	-4.059535	4.92E-05	0.00600124
<i>UCP2</i>	-0.416064	0.102741	-4.04965	5.13E-05	0.006067688
<i>ZNRD1ASP</i>	-0.764972	0.188936	-4.048843	5.15E-05	0.006067688
<i>DUSP22</i>	-0.478055	0.118083	-4.048457	5.16E-05	0.006067688
<i>SPAG9</i>	0.520383	0.12888	4.037717	5.40E-05	0.006264011
<i>HDAC2</i>	0.420517	0.104205	4.035476	5.45E-05	0.006264011
<i>NAF1</i>	0.696883	0.173411	4.018678	5.85E-05	0.006626298
<i>RAB8B</i>	0.426532	0.106186	4.01684	5.90E-05	0.006626298
<i>PTGIR</i>	-1.621316	0.403962	-4.013538	5.98E-05	0.006644205
<i>C22orf39</i>	-0.368901	0.092102	-4.005364	6.19E-05	0.006801786
<i>MFSD10</i>	-0.315581	0.078939	-3.997784	6.39E-05	0.006875458
<i>HSPE1</i>	0.434901	0.10879	3.997616	6.40E-05	0.006875458
<i>LINC02256</i>	-0.737371	0.184864	-3.988716	6.64E-05	0.00695771

<i>ADD3</i>	0.66307	0.166336	3.986319	6.71E-05	0.00695771
<i>SLC9A7</i>	-0.599321	0.15052	-3.981684	6.84E-05	0.00695771
<i>FKBP5</i>	0.842042	0.211505	3.98119	6.86E-05	0.00695771
<i>WBP1L</i>	-0.632431	0.158859	-3.981076	6.86E-05	0.00695771
<i>CYB5A</i>	-0.72591	0.182398	-3.979805	6.90E-05	0.00695771
<i>ZBTB10</i>	0.507817	0.127805	3.973363	7.09E-05	0.007076457
<i>FKBP4</i>	0.467207	0.118047	3.957796	7.56E-05	0.007477743
<i>IKZF2</i>	-1.174491	0.296937	-3.955349	7.64E-05	0.007477743
<i>MREG</i>	-0.827408	0.209307	-3.953077	7.72E-05	0.007477743
<i>HHIP.AS1</i>	-3.01619	0.764353	-3.946071	7.94E-05	NA
<i>SPHK1</i>	0.976011	0.247709	3.940149	8.14E-05	0.007815796
<i>NCBP3</i>	0.973206	0.247359	3.934385	8.34E-05	0.007906437
<i>LDLRAD4</i>	0.825748	0.210023	3.931704	8.43E-05	0.007906437
<i>DDX21</i>	0.563809	0.143445	3.930485	8.48E-05	0.007906437
<i>PNPLA6</i>	-0.671466	0.171039	-3.925796	8.64E-05	0.007948085
<i>BRK1</i>	-0.247383	0.063032	-3.924724	8.68E-05	0.007948085
<i>IGFBP4</i>	-0.870549	0.222294	-3.916213	9.00E-05	0.008158297
<i>SLC8B1</i>	-0.974201	0.249295	-3.907826	9.31E-05	0.00836988
<i>MPHOSPH10</i>	0.408308	0.10459	3.903899	9.47E-05	0.008430274
<i>SRSF5</i>	-0.339977	0.08737	-3.891237	9.97E-05	0.008652686
<i>ENSG00000237181</i>	0.853165	0.219318	3.890077	0.000100213	0.008652686
<i>ARNTL2</i>	-1.118711	0.287736	-3.887982	0.000101081	0.008652686
<i>BUD23</i>	0.380294	0.097901	3.884484	0.000102547	0.008652686
<i>MRPL44</i>	0.418568	0.107788	3.883244	0.000103072	0.008652686
<i>EIF5</i>	0.335682	0.086451	3.882894	0.00010322	0.008652686
<i>HOMER2</i>	-1.03943	0.267744	-3.882177	0.000103526	0.008652686
<i>HIST1H4C</i>	0.480682	0.123904	3.879464	0.000104687	0.008652686
<i>SGPL1</i>	-0.473697	0.122129	-3.878669	0.00010503	0.008652686
<i>NFE2L2</i>	0.320994	0.082971	3.868761	0.00010939	0.008937418
<i>NDUFA7</i>	-0.441474	0.114345	-3.860877	0.000112981	0.009155148
<i>SMIM10</i>	-3.542224	0.918152	-3.857994	0.000114321	NA
<i>COMMD2</i>	-0.34333	0.089115	-3.85266	0.000116842	0.009391039
<i>C16orf74</i>	-0.742968	0.193033	-3.84892	0.00011864	0.009458667
<i>PPM1F</i>	-0.801184	0.208463	-3.843288	0.000121397	0.009601027
<i>ENSG00000267002</i>	-0.595631	0.155071	-3.841026	0.000122521	0.009613034
<i>MAP2K3</i>	0.282386	0.07356	3.838858	0.000123608	0.009621937
<i>FNBP1</i>	-0.300945	0.078446	-3.836358	0.000124872	0.009644448
<i>CCDC115</i>	-0.388487	0.101412	-3.830769	0.000127743	0.009789707
<i>IL32</i>	-4.463641	1.166944	-3.82507	0.000130735	NA
<i>PDE6D</i>	-0.554787	0.145111	-3.823187	0.000131738	0.01001816
<i>SLC7A6</i>	0.77807	0.203619	3.821197	0.000132805	0.010022242
<i>SNHG30</i>	-0.510018	0.13367	-3.815507	0.000135903	0.010178345
<i>NFKBIE</i>	0.48957	0.12866	3.805153	0.000141717	0.010474609
<i>DMAC2L</i>	-0.473061	0.124336	-3.804696	0.000141978	0.010474609
<i>GLS</i>	0.441147	0.116473	3.787558	0.000152135	0.011140783
<i>LRRC7</i>	-1.34822	0.356164	-3.785394	0.000153465	0.011155571
<i>CLECL1</i>	0.921328	0.24429	3.771454	0.000162299	0.011711587

<i>SEPTIN9</i>	-0.324157	0.086078	-3.765849	0.000165984	0.011890706
<i>CDC42</i>	-0.255972	0.068113	-3.758019	0.000171264	0.012116529
<i>SUPV3L1</i>	0.488269	0.129952	3.757314	0.000171747	0.012116529
<i>BLVRB</i>	0.903571	0.240582	3.755765	0.000172813	0.012116529
<i>NPW</i>	2.367068	0.630913	3.751811	0.000175562	NA
<i>NUAK2</i>	-0.519425	0.138455	-3.751564	0.000175735	0.012234593
<i>DDX24</i>	0.250263	0.06697	3.73693	0.00018628	0.012878102
<i>CCT8</i>	0.383085	0.102607	3.733512	0.000188828	0.012963556
<i>PER2</i>	0.72825	0.195617	3.722845	0.00019699	0.013430658
<i>SERTAD3</i>	0.495462	0.13321	3.719407	0.000199691	0.013521553
<i>PPM1D</i>	0.587289	0.15818	3.712796	0.000204982	0.013785371
<i>CDC42EP3</i>	0.752321	0.203027	3.705518	0.00021096	0.014091527
<i>KLHL2</i>	-0.693865	0.187502	-3.700566	0.000215119	0.014156218
<i>ENSG00000055483</i>	0.733255	0.198198	3.699606	0.000215935	0.014156218
<i>BTLA</i>	-0.694274	0.187679	-3.699266	0.000216224	0.014156218
<i>MYO1C</i>	-0.489504	0.132524	-3.693698	0.000221016	0.014374796
<i>COMMD3</i>	-0.373967	0.101508	-3.6841	0.000229512	0.014829801
<i>B3GNT7</i>	0.684245	0.186015	3.678441	0.000234664	0.015064221
<i>C12orf29</i>	0.461219	0.125471	3.675915	0.000236999	0.015115938
<i>VPS28</i>	-0.281936	0.076754	-3.67322	0.000239513	0.01517836
<i>EGR3</i>	1.586717	0.432478	3.668899	0.000243597	0.01526504
<i>GADD45A</i>	0.893827	0.243649	3.668509	0.000243969	0.01526504
<i>COQ10B</i>	0.315722	0.08615	3.664784	0.000247548	0.015391546
<i>CLEC2D</i>	-0.451514	0.123362	-3.660069	0.000252147	0.015579539
<i>CD5</i>	-2.278785	0.622824	-3.658793	0.000253406	NA
<i>XRRA1</i>	-1.08298	0.296433	-3.653374	0.000258816	0.015892287
<i>GLRX2</i>	0.456387	0.125056	3.649451	0.000262801	0.016037353
<i>PRAG1</i>	1.710855	0.46922	3.64617	0.000266178	0.016134923
<i>PUS7</i>	0.75419	0.206926	3.644738	0.000267664	0.016134923
<i>ENSG00000283013</i>	-0.676218	0.185723	-3.640999	0.000271582	0.016201082
<i>ENSG00000224505</i>	-0.789046	0.216875	-3.63826	0.000274486	0.016201082
<i>ESF1</i>	0.320033	0.088	3.636722	0.00027613	0.016201082
<i>SORL1</i>	-0.542158	0.149135	-3.635358	0.000277595	0.016201082
<i>COMMD8</i>	-0.350362	0.096387	-3.634967	0.000278016	0.016201082
<i>DHX57</i>	-0.867011	0.238555	-3.634431	0.000278594	0.016201082
<i>ENSG00000277654</i>	-0.770691	0.212343	-3.629471	0.000284002	0.016337385
<i>C1GALT1</i>	0.48618	0.134027	3.627473	0.000286209	0.016337385
<i>CDC37L1</i>	0.449611	0.123975	3.626622	0.000287153	0.016337385
<i>AKIRIN1</i>	0.291757	0.080457	3.626267	0.000287549	0.016337385
<i>NDUFB10</i>	-0.282556	0.078016	-3.621782	0.00029258	0.016475267
<i>ENSG00000257275</i>	-0.982007	0.27131	-3.619498	0.000295175	0.016475267
<i>SNX29</i>	-0.66782	0.184532	-3.618991	0.000295754	0.016475267
<i>TERF2IP</i>	0.339884	0.093937	3.618215	0.000296641	0.016475267
<i>PEX6</i>	1.354965	0.374752	3.615626	0.000299623	0.016547873
<i>CYREN</i>	-0.382263	0.105887	-3.610115	0.000306061	0.016803429
<i>TYW3</i>	0.552146	0.153001	3.608772	0.000307649	0.016803429
<i>LCN8</i>	3.870969	1.072845	3.608136	0.000308405	NA

<i>HMGXB4</i>	-0.350484	0.097223	-3.604971	0.000312188	0.016888766
<i>GNL3</i>	0.485154	0.134593	3.604605	0.000312628	0.016888766
<i>BLOC1S1</i>	-0.319289	0.088778	-3.596473	0.000322561	0.017298732
<i>ABTB1</i>	-0.46612	0.129732	-3.592957	0.000326947	0.017298732
<i>RRN3</i>	0.450646	0.125425	3.592953	0.000326952	0.017298732
<i>FCRL4</i>	1.866408	0.519494	3.592742	0.000327217	0.017298732
<i>ADGRE5</i>	0.50164	0.139887	3.586035	0.000335744	0.017655159
<i>MXD1</i>	0.724635	0.202191	3.583917	0.000338479	0.017704798
<i>RCL1</i>	0.571303	0.160129	3.567772	0.00036003	0.018662088
<i>TTPAL</i>	-0.437013	0.122502	-3.567389	0.000360556	0.018662088
<i>JMJD6</i>	0.38856	0.109021	3.564072	0.000365145	0.018801188
<i>YWHAE</i>	0.346754	0.097386	3.560629	0.000369967	0.018950754
<i>PILRB</i>	0.694769	0.195277	3.55787	0.000373874	0.019052178
<i>EIF3A</i>	0.293979	0.082811	3.549988	0.000385248	0.019531104
<i>CCDC28B</i>	-0.587041	0.165665	-3.54355	0.000394779	0.019837359
<i>C15orf65</i>	1.904351	0.537795	3.541035	0.00039856	0.019837359
<i>NRDE2</i>	-0.460799	0.130138	-3.540849	0.000398841	0.019837359
<i>NOP56</i>	0.439343	0.124089	3.540536	0.000399316	0.019837359
<i>NDUFAF4</i>	0.55782	0.157828	3.534363	0.00040876	0.020191321
<i>FOSL1</i>	1.748144	0.494773	3.533223	0.000410526	0.020191321
<i>PRMT5</i>	0.480171	0.136187	3.525831	0.000422157	0.020660591
<i>ENSG00000273015</i>	-0.444634	0.126354	-3.518963	0.000433237	0.021069704
<i>CEP95</i>	0.455904	0.129591	3.518021	0.000434778	0.021069704
<i>RFK</i>	0.412542	0.117535	3.509963	0.000448168	0.021612647
<i>EIPR1</i>	-0.461538	0.131549	-3.508486	0.000450665	0.021627543
<i>PRMT3</i>	0.87902	0.250795	3.504938	0.000456714	0.021645685
<i>CHRN1</i>	-0.591314	0.168716	-3.504786	0.000456974	0.021645685
<i>TSTD1</i>	-0.486489	0.138822	-3.504415	0.000457612	0.021645685
<i>HSP90AA1</i>	0.326743	0.093291	3.502401	0.000461085	0.021706105
<i>NFRKB</i>	-0.615612	0.175864	-3.500502	0.000464383	0.021757763
<i>H3F3B</i>	0.21481	0.061444	3.496023	0.000472249	0.021944933
<i>NUCB2</i>	-0.920566	0.263342	-3.495702	0.000472817	0.021944933
<i>BYSL</i>	0.874043	0.250316	3.491762	0.000479846	0.022167088
<i>IGHD</i>	-0.66644	0.191637	-3.477607	0.000505912	0.023262524
<i>SLC1A5</i>	0.674009	0.194041	3.473538	0.000513644	0.023451031
<i>BAG2</i>	0.564351	0.162537	3.472132	0.000516341	0.023451031
<i>COMMD10</i>	0.722497	0.208109	3.471724	0.000517128	0.023451031
<i>DNAJB4</i>	0.618887	0.178428	3.468547	0.00052328	0.023621688
<i>LRRC61</i>	-1.038709	0.299999	-3.462374	0.000535432	0.024060374
<i>FAM91A1</i>	0.491471	0.142085	3.458994	0.000542196	0.024184367
<i>HLX</i>	1.115258	0.322523	3.457915	0.000544372	0.024184367
<i>GYG1</i>	0.583577	0.168816	3.456885	0.000546458	0.024184367
<i>CXCR3</i>	2.251813	0.651649	3.455562	0.000549146	0.024184367
<i>SLAMF7</i>	1.083111	0.313497	3.454936	0.000550423	0.024184367
<i>ENSG00000229043</i>	-1.680558	0.48645	-3.45474	0.000550824	NA
<i>TMEM273</i>	1.475328	0.427213	3.45338	0.000553608	0.024216682
<i>HSPA8</i>	0.485957	0.140771	3.452108	0.000556225	0.024223974

<i>USE1</i>	-0.296884	0.086133	-3.446806	0.000567255	0.024588172
<i>ATF6B</i>	-0.310929	0.090236	-3.44571	0.000569562	0.024588172
<i>COX4I1</i>	-0.181102	0.052584	-3.444063	0.000573043	0.024630875
<i>KRT10</i>	-0.212414	0.061922	-3.43037	0.000602759	0.025691031
<i>TTC19</i>	-0.366355	0.106811	-3.429917	0.000603767	0.025691031
<i>RB1</i>	-0.361462	0.105409	-3.429137	0.000605504	0.025691031
<i>PDPR</i>	-0.924242	0.269646	-3.427609	0.000608921	0.025725614
<i>MRPL28</i>	-0.279958	0.081816	-3.421811	0.000622055	0.026126205
<i>MIDN</i>	0.440615	0.128845	3.419717	0.000626863	0.026126205
<i>ZBED1</i>	-0.428249	0.125244	-3.419327	0.000627762	0.026126205
<i>ERGIC1</i>	-0.609334	0.17823	-3.418802	0.000628974	0.026126205
<i>RNGTT</i>	-0.512928	0.150255	-3.413709	0.00064085	0.026481618
<i>UROD</i>	-0.398973	0.116903	-3.412844	0.000642888	0.026481618
<i>CENPH</i>	-0.644743	0.189429	-3.403608	0.00066502	0.027173437
<i>SMIM27</i>	-0.403514	0.118558	-3.40351	0.000665261	0.027173437
<i>MPP6</i>	0.647434	0.190286	3.402416	0.000667929	0.027173437
<i>ZNF627</i>	-0.706108	0.207965	-3.395323	0.000685478	0.027773088
<i>WDR13</i>	-0.342481	0.100976	-3.391721	0.00069455	0.02801477
<i>NIFK</i>	0.555046	0.163696	3.390713	0.00069711	0.02801477
<i>KLF6</i>	0.310981	0.091747	3.389538	0.000700104	0.028021176
<i>TFB2M</i>	0.601725	0.177911	3.38217	0.000719155	0.028667625
<i>EPS15</i>	-0.439301	0.130001	-3.379222	0.000726913	0.028756964
<i>RAB10</i>	0.306805	0.090795	3.379089	0.000727264	0.028756964
<i>ORMDL3</i>	-0.534946	0.158361	-3.37801	0.000730123	0.028756964
<i>ALOX5AP</i>	-0.724149	0.214465	-3.376535	0.000734051	0.028796951
<i>TDG</i>	0.343715	0.101867	3.374146	0.00074045	0.028933162
<i>GNL2</i>	0.56509	0.167681	3.370042	0.000751568	0.029104937
<i>USF1</i>	-1.035801	0.307448	-3.369023	0.000754352	0.029104937
<i>ENSG00000275964</i>	-1.026401	0.304739	-3.368129	0.000756803	0.029104937
<i>RPF2</i>	0.493952	0.146664	3.367907	0.000757412	0.029104937
<i>LAMTOR4</i>	-0.288598	0.085711	-3.367124	0.000759566	0.029104937
<i>TEX30</i>	0.416212	0.123669	3.365527	0.000763976	0.029160887
<i>NMT2</i>	-0.729419	0.217101	-3.359818	0.000779939	0.02961263
<i>TAGLN2</i>	-0.307227	0.091459	-3.359158	0.000781802	0.02961263
<i>HDDC2</i>	-0.401636	0.119721	-3.354776	0.000794292	0.029970877
<i>PRAF2</i>	-0.505899	0.151111	-3.347872	0.000814346	0.030610731
<i>EIF4A3</i>	0.439458	0.131369	3.345205	0.000822217	0.030789527
<i>ARL8B</i>	0.413481	0.123685	3.34302	0.000828719	0.030857504
<i>OXLD1</i>	-0.402846	0.120524	-3.342468	0.000830368	0.030857504
<i>STIP1</i>	0.410878	0.122985	3.340872	0.000835158	0.030857504
<i>METTL26</i>	-0.358694	0.10738	-3.34042	0.000836517	0.030857504
<i>NABP1</i>	0.413595	0.123987	3.335801	0.000850541	0.031193507
<i>UGT8</i>	0.926004	0.27772	3.334306	0.000855125	0.031193507
<i>ENSG00000259321</i>	-0.796999	0.239153	-3.332593	0.000860407	0.031193507
<i>NEDD4L</i>	1.750494	0.525278	3.332509	0.000860667	0.031193507
<i>TXN</i>	0.378739	0.11368	3.33164	0.000863358	0.031193507
<i>NR1D2</i>	0.651331	0.195552	3.33073	0.000866187	0.031193507

<i>PFKFB3</i>	-0.461751	0.138654	-3.330239	0.000867713	0.031193507
<i>EEA1</i>	0.406694	0.122288	3.325715	0.00088192	0.031544912
<i>TXLNG</i>	0.494112	0.148601	3.325099	0.00088387	0.031544912
<i>DBI</i>	-0.41222	0.124034	-3.323449	0.000889118	0.031618051
<i>SLC50A1</i>	-0.374451	0.112718	-3.322023	0.000893672	0.031666114
<i>MED23</i>	-0.618517	0.18628	-3.32036	0.000899016	0.031741683
<i>NDE1</i>	-0.408583	0.123263	-3.314718	0.000917355	0.032273933
<i>RBM25</i>	0.250439	0.075616	3.311994	0.000926334	0.032474255
<i>SLC35F6</i>	-0.540641	0.163615	-3.304347	0.000951978	0.033150549
<i>IGKC</i>	-0.437217	0.132324	-3.304148	0.000952656	0.033150549
<i>ELOVL5</i>	0.311669	0.094352	3.303258	0.000955685	0.033150549
<i>TBC1D2B</i>	-0.91796	0.278332	-3.298081	0.00097348	0.033346802
<i>IGKV3.11</i>	-1.313108	0.398171	-3.297853	0.000974273	0.033346802
<i>MME</i>	-3.059808	0.927958	-3.297358	0.000975991	NA
<i>NCBP2AS2</i>	-0.333481	0.101158	-3.296631	0.00097852	0.033346802
<i>AKAP1</i>	0.735645	0.223187	3.296092	0.000980398	0.033346802
<i>DES1</i>	0.457862	0.138922	3.295827	0.000981323	0.033346802
<i>NHLRC3</i>	-0.542112	0.164488	-3.295753	0.000981582	0.033346802
<i>HDAC1</i>	-0.34021	0.103291	-3.293696	0.000988794	0.033392489
<i>SMARCE1</i>	-0.257639	0.078228	-3.293443	0.000989682	0.033392489
<i>IL13RA1</i>	-0.516074	0.157287	-3.281107	0.001034005	0.034762575
<i>RAB1A</i>	0.342263	0.104342	3.280204	0.001037321	0.034762575
<i>LSM3</i>	-0.179841	0.054954	-3.27258	0.001065708	0.03544463
<i>ENSG00000273272</i>	2.400283	0.733847	3.270821	0.001072357	0.03544463
<i>PIKFYVE</i>	0.489691	0.149718	3.270757	0.0010726	0.03544463
<i>ZPR1</i>	0.351946	0.107604	3.270739	0.001072669	0.03544463
<i>ALG12</i>	-0.602471	0.184244	-3.269967	0.001075601	0.03544463
<i>CNOT6L</i>	-0.572825	0.175465	-3.264611	0.001096146	0.03600166
<i>PEX13</i>	0.572294	0.175387	3.263044	0.001102224	0.036081409
<i>LPIN1</i>	0.61914	0.189905	3.260269	0.001113067	0.036316113
<i>SYNGR2</i>	-0.309925	0.095151	-3.257209	0.001125135	0.036589108
<i>MTMR4</i>	-0.596503	0.183267	-3.254826	0.001134617	0.036776474
<i>ERV3.1</i>	-0.373353	0.114788	-3.252549	0.001143747	0.036928072
<i>ENSG00000279483</i>	-0.393798	0.121102	-3.2518	0.001146765	0.036928072
<i>HNRNPA2B1</i>	0.233781	0.071936	3.249843	0.001154687	0.037009148
<i>IER5</i>	0.348513	0.107257	3.249331	0.00115677	0.037009148
<i>COA7</i>	0.775145	0.238669	3.247788	0.00116306	0.037090372
<i>COPS3</i>	0.395851	0.122002	3.244631	0.001176029	0.037339413
<i>NOP16</i>	0.476449	0.146869	3.244052	0.001178424	0.037339413
<i>STRBP</i>	-0.322054	0.099338	-3.241989	0.001186985	0.037441768
<i>FLCN</i>	0.605237	0.186718	3.241451	0.001189229	0.037441768
<i>EIF2AK4</i>	-0.541861	0.167304	-3.23878	0.001200422	0.037674185
<i>FAM30A</i>	-0.381707	0.117979	-3.235385	0.001214787	0.038004374
<i>CDK5R1</i>	2.59867	0.803798	3.232987	0.001225031	NA
<i>PTPN22</i>	0.88927	0.27521	3.231242	0.001232534	0.038332738
<i>VAMP8</i>	-0.226835	0.070203	-3.231126	0.001233038	0.038332738
<i>SVBP</i>	-0.326746	0.101228	-3.227821	0.001247371	0.038564219

<i>POLR3D</i>	0.534481	0.165601	3.227527	0.001248654	0.038564219
<i>VDAC1</i>	0.424042	0.13142	3.226624	0.001252599	0.038564219
<i>ZDHHC12</i>	-0.382687	0.118664	-3.224958	0.00125991	0.038564219
<i>NDUFB7</i>	-0.348012	0.107942	-3.224067	0.001263838	0.038564219
<i>ERF</i>	0.613262	0.190241	3.223611	0.001265853	0.038564219
<i>TNFRSF10B</i>	0.392048	0.121634	3.223173	0.00126779	0.038564219
<i>ARL6IP1</i>	0.255948	0.079448	3.221585	0.001274838	0.038659645
<i>DYNLL1</i>	0.341547	0.106118	3.218568	0.001288326	0.038865253
<i>CTNND1</i>	-0.666803	0.20719	-3.218311	0.00128948	0.038865253
<i>ENSG00000224610</i>	-2.788744	0.867077	-3.21626	0.001298731	NA
<i>ARCN1</i>	0.45143	0.14067	3.209137	0.00133134	0.039669698
<i>H1FX</i>	-0.852359	0.265655	-3.208521	0.001334196	0.039669698
<i>P2RY8</i>	-0.499522	0.155718	-3.207862	0.001337259	0.039669698
<i>AKIRIN2</i>	0.271007	0.084503	3.207057	0.001341006	0.039669698
<i>SNX17</i>	-0.237403	0.07403	-3.206855	0.001341948	0.039669698
<i>KRAS</i>	0.263672	0.082225	3.206702	0.001342662	0.039669698
<i>SLC35B2</i>	0.753584	0.235028	3.206359	0.001344259	0.039669698
<i>TMEM219</i>	-0.334469	0.104475	-3.201436	0.001367447	0.040132837
<i>GLA</i>	0.715302	0.223441	3.201304	0.001368073	0.040132837
<i>SCRN1</i>	0.995163	0.311043	3.199437	0.001376963	0.040274119
<i>CCDC71</i>	-0.477753	0.14962	-3.193109	0.0014075	0.040925833
<i>SLC16A3</i>	0.641545	0.200916	3.193104	0.001407524	0.040925833
<i>C15orf62</i>	-0.863952	0.27078	-3.190607	0.001419743	0.041160047
<i>RCC1</i>	0.379239	0.119014	3.186516	0.001439974	0.041624513
<i>ENSG00000225205</i>	-1.118996	0.351378	-3.184589	0.001449595	0.041780451
<i>NOP58</i>	0.36613	0.115005	3.183586	0.001454631	0.041803714
<i>ARF5</i>	-0.414133	0.130193	-3.180906	0.001468155	0.042070086
<i>SNHG25</i>	-0.660432	0.207843	-3.177552	0.001485239	0.042350325
<i>PYGO2</i>	-0.421619	0.132709	-3.177008	0.001488028	0.042350325
<i>ZNF605</i>	-0.891716	0.280743	-3.176269	0.001491823	0.042350325
<i>SLC6A6</i>	-0.375541	0.118257	-3.175639	0.00149507	0.042350325
<i>NAMPT</i>	0.645435	0.203405	3.173159	0.001507897	0.04252758
<i>ATP5IF1</i>	-0.394101	0.124214	-3.172768	0.001509931	0.04252758
<i>BDP1</i>	0.227355	0.071715	3.170282	0.001522909	0.042771256
<i>DDAH2</i>	0.441207	0.139439	3.164161	0.001555307	0.04349661
<i>ODF3B</i>	-0.582021	0.183968	-3.163711	0.001557713	0.04349661
<i>PPP2R2A</i>	0.337608	0.106754	3.162474	0.001564349	0.04349661
<i>ATP1A1</i>	0.470394	0.14876	3.162104	0.001566336	0.04349661
<i>CYBC1</i>	-0.287712	0.091133	-3.157074	0.001593607	0.044075452
<i>MOB4</i>	0.276373	0.087553	3.156619	0.001596097	0.044075452
<i>ITGAX</i>	2.297958	0.728047	3.156333	0.001597663	NA
<i>MDK</i>	-1.083175	0.343258	-3.155574	0.001601828	0.044110516
<i>RPP25</i>	0.83756	0.265612	3.153324	0.001614224	0.044328386
<i>LARP4</i>	0.466593	0.148064	3.151288	0.001625521	0.044514965
<i>MIS12</i>	0.38037	0.120778	3.149327	0.001636469	0.044690965
<i>DHX15</i>	0.348862	0.110845	3.147309	0.001647806	0.04475536
<i>SYNC</i>	-0.484734	0.154016	-3.147296	0.001647881	0.04475536



WDR33	0.340708	0.108331	3.145068	0.00166048	0.044870024
COL9A3	-1.767209	0.561921	-3.144945	0.00166118	0.044870024
ZMAT2	-0.230714	0.073398	-3.14334	0.001670319	0.044993946
CHD1	0.296982	0.094715	3.13555	0.001715323	0.046080659
ENSG00000278834	-1.455694	0.465069	-3.130061	0.001747699	NA
TLN1	-0.316443	0.101143	-3.12867	0.001755994	0.047045418
RNF168	-0.434804	0.139113	-3.125541	0.001774781	0.047350316
RSL1D1	0.335578	0.107379	3.125181	0.001776954	0.047350316
TEX10	0.460703	0.147707	3.119027	0.001814495	0.048220683
ADAMTS6	1.72907	0.554428	3.118653	0.001816796	NA
C1orf122	-0.390939	0.125582	-3.113011	0.001851893	0.048985376
HLA.G	-1.671651	0.537039	-3.112717	0.001853736	0.048985376
ACTR1B	-0.460377	0.147946	-3.111796	0.001859528	0.048985376
PPCS	-0.269473	0.086632	-3.110565	0.001867298	0.048985376
ZMAT3	-0.494285	0.158911	-3.110447	0.001868044	0.048985376
NCL	0.339941	0.109485	3.104898	0.001903447	0.049781686
ZNF428	-0.311832	0.100523	-3.102102	0.00192152	0.050121767
FANCB	-0.869468	0.280523	-3.099458	0.001938753	0.050359414
ADSS	0.378201	0.122034	3.099142	0.001940819	0.050359414
UQCR10	-0.175256	0.056623	-3.095171	0.001966994	0.050784457
TAF6	-0.407319	0.131601	-3.095099	0.001967474	0.050784457
GEMIN4	0.644821	0.208756	3.088874	0.002009164	0.051501488
STAT3	0.329695	0.106785	3.087473	0.00201866	0.051501488
PRPF38B	0.203355	0.065865	3.087459	0.002018757	0.051501488
RNF26	-0.441348	0.142955	-3.087332	0.002019622	0.051501488
AGTRAP	-0.728439	0.235963	-3.087085	0.002021301	0.051501488
RFFL	-0.348922	0.113141	-3.08396	0.00204265	0.051792051
PUS1	0.475695	0.15428	3.083323	0.002047027	0.051792051
FIBP	-0.28184	0.091414	-3.083121	0.002048421	0.051792051
DCTN1	-0.457377	0.148417	-3.081711	0.002058147	0.051905201
TMEM123	-0.403772	0.13107	-3.080589	0.002065913	0.051968484
RCHY1	0.325138	0.105604	3.078835	0.002078121	0.05198793
UTP6	0.368739	0.119774	3.078619	0.002079621	0.05198793
DNAJA2	0.28549	0.092749	3.078087	0.002083339	0.05198793
APBB2	-1.510385	0.490789	-3.077461	0.002087721	0.05198793
MOB3A	-0.293442	0.095383	-3.07647	0.00209467	0.05202993
DDX6	-0.259188	0.084273	-3.075585	0.002100902	0.052053921
IQSEC1	-0.378106	0.123	-3.074046	0.002111769	0.052192372
EIF4E	0.37061	0.120631	3.072254	0.002124487	0.052310772
AP2M1	-0.23329	0.075944	-3.071881	0.002127142	0.052310772
NFAT5	0.424549	0.138336	3.068965	0.002148019	0.052685745
HSP90AB1	0.448568	0.14623	3.067559	0.002158146	0.052685745
CHCHD5	-0.463726	0.151193	-3.067106	0.002161422	0.052685745
IVNS1ABP	0.508949	0.165955	3.06679	0.002163708	0.052685745
TFEC	2.378492	0.775583	3.066714	NA	NA
GCSAM	-0.918239	0.299668	-3.064192	0.002182591	0.053014973
JTB	-0.193223	0.063076	-3.063353	0.00218872	0.053033552

<i>ENSG00000273156</i>	-1.148535	0.376102	-3.053786	0.00225973	0.05462027
<i>HCG18</i>	0.388026	0.12713	3.052201	0.002271702	0.05477573
<i>RAB11B</i>	-0.265055	0.086866	-3.051322	0.002278362	0.054802646
<i>ALKBH4</i>	-0.470894	0.154419	-3.049449	0.002292617	0.055011684
<i>QPCT</i>	0.794921	0.260762	3.048448	0.002300265	0.055061556
<i>UPF2</i>	-0.221209	0.072634	-3.045551	0.002322542	0.055432884
<i>NECAP2</i>	-0.231867	0.076147	-3.044976	0.002326992	0.055432884
<i>HNRNPU</i>	0.279532	0.091981	3.039006	0.002373602	0.056291085
<i>RNF19A</i>	0.517102	0.170161	3.038904	0.002374406	0.056291085
<i>TXNL1</i>	0.283732	0.093392	3.038081	0.002380899	0.056309969
<i>FAM210A</i>	0.335889	0.110598	3.037011	0.002389367	0.056375375
<i>LINC01116</i>	-0.589463	0.194328	-3.033336	0.002418663	0.05693071
<i>NDUFB8</i>	-0.293736	0.096931	-3.030356	0.002442658	0.057358947
<i>APOBEC3D</i>	-0.554345	0.183017	-3.028931	0.002454204	0.057493519
<i>ENSG00000277969</i>	0.599455	0.197976	3.027925	0.002462394	0.05754901
<i>FLOT2</i>	-0.409079	0.135313	-3.023214	0.002501055	0.058016699
<i>ENSG00000230709</i>	1.208414	0.399717	3.023171	0.002501405	0.058016699
<i>KRTCAP2</i>	-0.231463	0.076568	-3.022971	0.002503065	0.058016699
<i>KCTD6</i>	0.661969	0.219011	3.022542	0.00250661	0.058016699
<i>BAG4</i>	0.497818	0.164825	3.020277	0.002525436	0.058016699
<i>PDE4D</i>	-0.828446	0.274351	-3.019653	0.002530644	0.058016699
<i>CDK4</i>	0.353245	0.116994	3.019344	0.00253323	0.058016699
<i>MYCBP2</i>	0.227035	0.07521	3.018695	0.002538663	0.058016699
<i>C19orf25</i>	-0.227423	0.075344	-3.018444	0.002540765	0.058016699
<i>MPPE1</i>	-0.482281	0.15978	-3.018405	0.002541092	0.058016699
<i>SNRPB2</i>	0.273956	0.090822	3.016411	0.002557864	0.058265072
<i>RGCC</i>	2.043628	0.678184	3.013382	0.002583539	0.058714634
<i>ICOSLG</i>	-0.581677	0.193105	-3.012236	0.002593312	0.058801566
<i>UQCR11</i>	-0.187073	0.062126	-3.011206	0.002602121	0.05886629
<i>RRP15</i>	0.339734	0.112874	3.009859	0.002613688	0.058992965
<i>NEDD8</i>	-0.169892	0.056467	-3.008665	0.00262398	0.059090356
<i>CLK1</i>	0.396913	0.132029	3.006243	0.002644977	0.059251537
<i>LSP1</i>	-0.407743	0.135634	-3.006194	0.002645402	0.059251537
<i>ATF7IP2</i>	-0.475064	0.158051	-3.005767	0.002649118	0.059251537
<i>TANK</i>	0.272297	0.090712	3.001785	0.002684016	0.059804658
<i>PCMTD2</i>	-0.653287	0.217701	-3.000852	0.002692253	0.059804658
<i>LINC00339</i>	1.024025	0.341256	3.000756	0.002693102	0.059804658
<i>BTN2A2</i>	-0.46377	0.15458	-3.000198	0.002698045	0.059804658
<i>TEAD2</i>	-2.70088	0.900407	-2.999622	0.002703151	NA
<i>ESRRA</i>	0.47024	0.156811	2.99877	0.002710723	0.059951246
<i>LYAR</i>	0.520003	0.173564	2.996025	0.002735237	0.060358377
<i>PTPRS</i>	2.217846	0.74034	2.995713	0.002738042	NA
<i>IRF2</i>	-0.253658	0.084772	-2.992251	0.002769284	0.060967185
<i>BIN1</i>	0.651319	0.217722	2.991524	0.002775889	0.060967185
<i>SNAP23</i>	-0.369511	0.123552	-2.990719	0.002783219	0.060967185
<i>RGS10</i>	0.606567	0.202919	2.989202	0.002797068	0.060967185
<i>DNAJC25</i>	0.619816	0.207391	2.988636	0.002802258	0.060967185

<i>NAA15</i>	0.321976	0.107749	2.9882	0.002806263	0.060967185
<i>WDR70</i>	-0.341121	0.11418	-2.987575	0.002812002	0.060967185
<i>CREBRF</i>	0.334403	0.111943	2.987246	0.002815028	0.060967185
<i>RRP9</i>	0.552456	0.184961	2.986888	0.002818329	0.060967185
<i>MIIP</i>	-0.488848	0.163931	-2.982036	0.002863381	0.06180651
<i>ZNF558</i>	-0.898206	0.301422	-2.979891	0.002883512	0.061951821
<i>FADS3</i>	-0.485954	0.163102	-2.979453	0.002887632	0.061951821
<i>MRPS30</i>	0.309159	0.103783	2.978908	0.002892772	0.061951821
<i>SRPRB</i>	0.417839	0.140278	2.978654	0.002895179	0.061951821
<i>CYTH1</i>	-0.221695	0.074478	-2.976638	0.002914282	0.062124684
<i>GID8</i>	-0.285094	0.095795	-2.976095	0.002919443	0.062124684
<i>CEP162</i>	-0.505404	0.169837	-2.975815	0.00292211	0.062124684
<i>DNAJB1</i>	0.76453	0.257071	2.974001	0.002939442	0.062359071
<i>NEU1</i>	0.33784	0.113624	2.97331	0.002946063	0.062365692
<i>HLA.DQB2</i>	-3.149047	1.060136	-2.970419	0.002973937	NA
<i>SNRNP48</i>	0.412657	0.139004	2.968676	0.002990855	0.063165199
<i>MAD2L2</i>	-0.42312	0.142556	-2.968086	0.002996609	0.063165199
<i>IDH2</i>	-0.450589	0.15188	-2.966744	0.003009714	0.063240703
<i>PSMB8.AS1</i>	-0.379979	0.128107	-2.966096	0.003016061	0.063240703
<i>LMBRD1</i>	-0.274783	0.092652	-2.965758	0.003019382	0.063240703
<i>NAPB</i>	-0.554397	0.187555	-2.955917	0.003117411	0.065155859
<i>ZNF79</i>	0.7582	0.256755	2.953007	0.003146944	0.065458301
<i>NTMT1</i>	0.308503	0.104544	2.950925	0.003168235	0.065458301
<i>EIF4A1</i>	0.311876	0.105689	2.950879	0.003168707	0.065458301
<i>SAR1B</i>	0.312182	0.1058	2.95067	0.003170858	0.065458301
<i>SERTAD1</i>	0.393964	0.133572	2.949451	0.003183388	0.065458301
<i>GEM</i>	1.733493	0.58794	2.948419	0.003194033	0.065458301
<i>GPR137</i>	-0.293155	0.09943	-2.94836	0.003194653	0.065458301
<i>PMAIP1</i>	0.348358	0.118158	2.948241	0.003195876	0.065458301
<i>GCH1</i>	0.536203	0.181897	2.947835	0.003200078	0.065458301
<i>EXOG</i>	-0.464753	0.157668	-2.947665	0.003201837	0.065458301
<i>CHTOP</i>	0.192429	0.065296	2.947007	0.003208656	0.065458301
<i>WASF1</i>	-0.631796	0.214418	-2.946564	0.003213255	0.065458301
<i>FAM53B</i>	-0.697857	0.236874	-2.946112	0.003217958	0.065458301
<i>NFATC2</i>	0.650542	0.220897	2.945006	0.003229482	0.065557831
<i>VAMP5</i>	-0.716502	0.243403	-2.943692	0.003243222	0.065684398
<i>RBM39</i>	0.15217	0.051703	2.943141	0.003249006	0.065684398
<i>ATXN1</i>	0.988741	0.336073	2.942047	0.003260502	0.06578229
<i>MIF</i>	-0.353688	0.120276	-2.940641	0.003275342	0.065860191
<i>PHLDA2</i>	1.203851	0.409415	2.940419	0.003277687	0.065860191
<i>VKORC1</i>	-0.260467	0.088653	-2.938048	0.003302864	0.066231465
<i>APH1A</i>	-0.219315	0.074714	-2.935377	0.003331425	0.066627876
<i>TXNDC11</i>	0.417379	0.142211	2.934941	0.003336112	0.066627876
<i>ATP5ME</i>	-0.212985	0.072662	-2.931182	0.003376754	0.067303609
<i>ARL5B</i>	0.657384	0.224524	2.927903	0.003412563	0.067880488
<i>ARID5A</i>	-0.365629	0.125004	-2.92493	0.00344534	0.068394839
<i>ANAPC15</i>	-0.4625	0.158221	-2.92312	0.003465432	0.068655836

ADAMTS7	-0.555737	0.190273	-2.920741	0.003492	0.069043818
NHSL2	-0.457172	0.156591	-2.919529	0.003505603	0.069174434
ELL2	0.529804	0.181681	2.91612	0.003544145	0.069719585
MED4	-0.203253	0.069707	-2.915839	0.003547335	0.069719585
RAN	0.369069	0.126616	2.914877	0.003558282	0.06975689
TMOD2	-0.520623	0.178636	-2.914434	0.003563345	0.06975689
BCAR3	0.682126	0.234188	2.912725	0.003582894	0.069910761
CCM2	-0.260263	0.08936	-2.912512	0.003585349	0.069910761
GM2A	0.77757	0.267041	2.911799	0.003593538	0.069932517
ARID1A	0.343499	0.118072	2.909243	0.00362305	0.070368307
PHKB	-0.313624	0.107905	-2.906487	0.003655117	0.07079506
TMX2	0.311017	0.107021	2.906126	0.003659344	0.07079506
HEXIM1	0.436515	0.150286	2.904563	0.003677656	0.070804082
NPHP3	0.635524	0.218832	2.90417	0.003682279	0.070804082
GPN2	0.331638	0.114235	2.903121	0.003694641	0.070804082
PCIF1	-0.390841	0.13465	-2.902656	0.003700132	0.070804082
NAB2	0.724602	0.249691	2.901993	0.003707974	0.070804082
NRAS	-0.290094	0.099968	-2.901864	0.003709501	0.070804082
DUSP4	1.24312	0.428434	2.90154	0.003713329	0.070804082
MTRR	0.410652	0.141545	2.901222	0.003717107	0.070804082
CNIH1	0.269906	0.093092	2.89934	0.003739496	0.071093572
FADS2	-1.683043	0.581389	-2.894865	0.003793222	NA
FAM117B	-0.651686	0.225291	-2.892642	0.003820162	0.07248775
TELO2	-0.482583	0.167038	-2.889057	0.003863985	0.073178847
ACSL5	0.639744	0.221925	2.882697	0.003942866	0.074529964
CCDC86	0.507131	0.175963	2.882029	0.003951228	0.074545499
DEDD2	0.434284	0.150724	2.881327	0.003960045	0.074569528
SCOC	-0.25528	0.088627	-2.880395	0.003971775	0.074590121
FOSB	0.864587	0.300199	2.880041	0.003976228	0.074590121
VPS37A	0.416985	0.144905	2.87765	0.004006492	0.0750155
WDR3	0.654003	0.227746	2.871631	0.004083596	0.076314611
ICA1L	-0.594894	0.207212	-2.870942	0.004092503	0.076324809
FOXO3	0.530844	0.184938	2.870396	0.004099583	0.076324809
PHF21A	-0.437675	0.152686	-2.866509	0.004150258	0.07708713
THEMIS2	1.219728	0.425576	2.866062	0.004156124	0.07708713
PPP1CA	-0.184288	0.064321	-2.865133	0.004168337	0.077168871
RGMB	0.934051	0.326172	2.863678	0.004187531	0.077379309
ALKBH1	0.473921	0.165528	2.863087	0.004195359	0.077379324
DUSP10	0.650248	0.227225	2.861692	0.004213857	0.077575767
ZNF239	1.555979	0.543988	2.860317	0.004232173	NA
PRPF18	0.316758	0.110845	2.857661	0.004267758	0.07842203
NDUFB2	-0.206868	0.072429	-2.856152	0.004288103	0.0786497
ENSG00000159882	-0.451199	0.158026	-2.855221	0.004300692	0.078734512
LRP10	-0.271785	0.095232	-2.85393	0.004318198	0.078908881
ING1	0.437437	0.153312	2.853253	0.004327422	0.078931541
WARS2	0.562595	0.197383	2.850268	0.004368245	0.079529418
ELOC	0.264366	0.092818	2.848208	0.004396623	0.079898917

<i>PVT1</i>	0.65944	0.231803	2.844831	0.004443499	0.080602631
<i>SMAP2</i>	-0.272068	0.095665	-2.843956	0.004455713	0.080676158
<i>ENOPH1</i>	0.363002	0.127729	2.841975	0.004483494	0.081030758
<i>IPO7</i>	0.370151	0.130315	2.840432	0.004505247	0.081275313
<i>ZNF773</i>	0.603116	0.212393	2.839624	0.004516677	0.081290884
<i>TAPBP</i>	-0.294156	0.103623	-2.838723	0.004529442	0.081290884
<i>TFG</i>	0.344006	0.121231	2.837616	0.004545179	0.081290884
<i>PLIN2</i>	1.075425	0.379044	2.8372	0.004551105	0.081290884
<i>PDE3B</i>	-1.045072	0.368403	-2.836766	0.004557306	0.081290884
<i>AKAP2</i>	-0.911994	0.321554	-2.836205	0.004565307	0.081290884
<i>CENPC</i>	-0.331602	0.116938	-2.835707	0.004572432	0.081290884
<i>DNAJA1</i>	0.299999	0.105802	2.835487	0.004575588	0.081290884
<i>SLC9A9</i>	-0.762309	0.26891	-2.834811	0.004585284	0.081290884
<i>ANP32A</i>	-0.211992	0.074787	-2.834598	0.004588338	0.081290884
<i>FUZ</i>	-0.584742	0.206467	-2.832141	0.004623749	0.081771696
<i>RPL7L1</i>	0.243354	0.085982	2.830294	0.004650521	0.082098298
<i>GPR65</i>	0.614853	0.217286	2.829695	0.004659247	0.08210573
<i>ENSG00000254397</i>	1.210117	0.428194	2.826096	0.004711912	0.082861453
<i>C15orf40</i>	-0.30973	0.109628	-2.825283	0.004723889	0.082861453
<i>SLC1A4</i>	-0.78387	0.277471	-2.825053	0.004727277	0.082861453
<i>NUDT2</i>	-0.567116	0.200831	-2.823853	0.004745014	0.082877208
<i>TAF4B</i>	0.606491	0.214792	2.823613	0.004748574	0.082877208
<i>MED17</i>	0.287497	0.101858	2.82253	0.004764639	0.082877208
<i>FAM184B</i>	-1.89945	0.673259	-2.821276	0.004783296	0.082877208
<i>ABI1</i>	0.250594	0.088827	2.821125	0.004785549	0.082877208
<i>SNHG9</i>	-0.297303	0.105385	-2.821109	0.004785789	0.082877208
<i>FABP5</i>	0.622852	0.220816	2.820682	0.004792175	0.082877208
<i>SLC2A5</i>	-0.872799	0.309451	-2.820476	0.004795242	0.082877208
<i>ENSG00000256940</i>	-0.673614	0.238961	-2.818929	0.004818411	0.083034689
<i>MRPL11</i>	-0.210822	0.074793	-2.818747	0.004821152	0.083034689
<i>HSPA1B</i>	2.218248	0.787566	2.816586	0.004853701	0.083389307
<i>C9orf16</i>	-0.363381	0.12903	-2.816261	0.004858612	0.083389307
<i>FTSJ1</i>	0.410095	0.14571	2.81447	0.004885769	0.083603917
<i>FAM53C</i>	0.326594	0.116047	2.814322	0.00488803	0.083603917
<i>C1orf52</i>	0.272247	0.096792	2.812706	0.00491266	0.083768918
<i>WDTC1</i>	-0.408472	0.145231	-2.812577	0.004914624	0.083768918
<i>NAA50</i>	0.201961	0.071855	2.810678	0.004943726	0.084030849
<i>VDAC2</i>	0.245703	0.087427	2.810371	0.004948438	0.084030849
<i>GTF3C6</i>	-0.170288	0.060603	-2.809888	0.00495588	0.084030849
<i>TAF1D</i>	0.210482	0.074922	2.809361	0.004963991	0.084030849
<i>TM2D3</i>	0.40144	0.142936	2.808535	0.004976744	0.08410272
<i>CABLES1</i>	-1.093528	0.389769	-2.805579	0.005022632	0.084733339
<i>VAPA</i>	0.166715	0.059455	2.804043	0.005046621	0.084953554
<i>SMC6</i>	-0.25994	0.09272	-2.803485	0.005055362	0.084953554
<i>SRBD1</i>	-0.568067	0.202657	-2.803096	0.005061465	0.084953554
<i>FIP1L1</i>	0.238076	0.084964	2.80208	0.005077433	0.084960037
<i>SURF6</i>	0.277328	0.098989	2.801596	0.005085051	0.084960037

<i>BORCS6</i>	0.332316	0.118631	2.801259	0.005090358	0.084960037
<i>ZC2HC1A</i>	0.92669	0.330856	2.800888	0.005096227	0.084960037
<i>TGIF2</i>	0.29133	0.104049	2.799916	0.005111584	0.085005136
<i>CEBPZ</i>	0.290611	0.103814	2.799348	0.005120588	0.085005136
<i>ABCF2</i>	0.369309	0.131956	2.798725	0.005130486	0.085005136
<i>IL4R</i>	-0.263518	0.094162	-2.798546	0.005133327	0.085005136
<i>MAML3</i>	-1.367324	0.488761	-2.797529	0.005149518	0.085130661
<i>PAXIP1.AS1</i>	-0.482965	0.172772	-2.79538	0.005183869	0.085555468
<i>FRY.AS1</i>	-1.807199	0.64659	-2.79497	0.00519045	NA
<i>ZEB1.AS1</i>	-0.84766	0.303419	-2.793696	0.005210938	0.085825223
<i>COASY</i>	-0.321992	0.115294	-2.792804	0.005225332	0.085825223
<i>UNC50</i>	0.279436	0.100058	2.792747	0.005226258	0.085825223
<i>ZNF24</i>	0.240567	0.086196	2.790929	0.005255705	0.086165677
<i>IER5L</i>	2.356979	0.845089	2.78903	0.005286622	NA
<i>ATP13A3</i>	0.606864	0.217658	2.788157	0.005300889	0.086711475
<i>ZNRD2</i>	-0.301882	0.108286	-2.787812	0.005306539	0.086711475
<i>C12orf60</i>	1.052553	0.377742	2.786437	0.005329104	0.0869365
<i>TVP23A</i>	1.230851	0.44198	2.784854	0.005355186	0.087123914
<i>RPL22L1</i>	0.471179	0.169205	2.78467	0.005358218	0.087123914
<i>GATM</i>	1.714832	0.616043	2.783622	0.005375558	NA
<i>USP10</i>	0.280527	0.10085	2.781619	0.005408849	0.087709605
<i>PAGR1</i>	-0.536689	0.192954	-2.781431	0.005411983	0.087709605
<i>ZNF670</i>	0.606432	0.218313	2.777814	0.005472587	0.088546639
<i>RUBCNL</i>	-0.442257	0.159299	-2.776265	0.005498738	0.088824389
<i>CARD8</i>	-0.468791	0.169009	-2.773757	0.00554131	0.08936605
<i>ZNF654</i>	0.517065	0.186452	2.773183	0.005551087	0.089377917
<i>PSMA5</i>	0.257746	0.092989	2.771792	0.005574864	0.089614811
<i>MAPRE2</i>	0.303878	0.109848	2.766362	0.005668562	0.090973063
<i>LRRC8B</i>	0.708769	0.256552	2.762676	0.005732971	0.091730066
<i>MCRIP1</i>	-0.283667	0.102702	-2.76204	0.005744153	0.091730066
<i>EGR1</i>	1.55872	0.564353	2.761961	0.005745526	0.091730066
<i>ENSG00000233178</i>	-0.853011	0.308904	-2.761415	0.005755145	0.091730066
<i>ZFHX2</i>	-0.721479	0.261309	-2.761019	0.005762125	0.091730066
<i>HSPA9</i>	0.455797	0.165155	2.75981	0.005783498	0.091922288
<i>HLA.C</i>	-0.503593	0.182514	-2.759196	0.005794377	0.091947369
<i>CD37</i>	-0.347918	0.126133	-2.758346	0.005809475	0.092039212
<i>MRPL54</i>	-0.322248	0.117015	-2.753914	0.005888726	0.09314551
<i>PDGFA</i>	2.062811	0.749119	2.75365	0.005893481	NA
<i>LY9</i>	0.847642	0.30791	2.752883	0.005907294	0.093289952
<i>HERC1</i>	-0.499666	0.181798	-2.748462	0.005987558	0.0944067
<i>KANK2</i>	-2.111799	0.768417	-2.748245	0.005991529	NA
<i>SLC38A2</i>	0.197532	0.072003	2.743368	0.006081255	0.09573135
<i>RPP21</i>	-0.44084	0.160802	-2.741519	0.006115575	0.096118562
<i>ILF2</i>	0.235994	0.086168	2.738787	0.006166627	0.096728316
<i>ARL14EPL</i>	1.328684	0.485231	2.73825	0.006176703	0.096728316
<i>ACSL4</i>	0.566347	0.206968	2.736399	0.006211559	0.096728316
<i>TMEM64</i>	0.582235	0.212775	2.736388	0.006211782	0.096728316

<i>SQSTM1</i>	0.320471	0.117123	2.73619	0.006215521	0.096728316
<i>CWC22</i>	0.249239	0.091093	2.736101	0.006217202	0.096728316
<i>SRD5A1</i>	-0.519806	0.190001	-2.735801	0.006222862	0.096728316
<i>TMEM256</i>	-0.303465	0.111172	-2.729698	0.006339243	0.098382656
<i>TVP23B</i>	0.464608	0.170243	2.729082	0.006351092	0.098412065
<i>RMND5B</i>	-0.310795	0.114002	-2.726221	0.006406412	0.099062864
<i>GRPEL1</i>	0.431148	0.158208	2.725205	0.006426164	0.099062864
<i>GRHPR</i>	-0.659806	0.242122	-2.725099	0.006428229	0.099062864
<i>SPIN2B</i>	0.685981	0.251751	2.724845	0.006433174	0.099062864
<i>MID1IP1</i>	-0.56089	0.205945	-2.723491	0.006459604	0.099315148
<i>MRPL32</i>	0.25943	0.095313	2.721858	0.006491602	0.099530729
<i>TOP1</i>	0.277788	0.102062	2.721748	0.006493761	0.099530729
<i>NOCT</i>	-0.982614	0.361301	-2.719654	0.006535027	NA
<i>POMGNT1</i>	-0.403796	0.148548	-2.718287	0.006562094	0.100422389
<i>ANKRD46</i>	0.540382	0.198894	2.716941	0.006588836	0.1005846
<i>POLH</i>	0.543295	0.199993	2.71657	0.006596217	0.1005846
<i>ARHGAP18</i>	0.998862	0.36774	2.716219	0.006603217	0.1005846
<i>MBNL2</i>	-0.633747	0.233429	-2.71495	0.006628577	0.100815561
<i>MBTPS1</i>	-0.38271	0.140994	-2.714365	0.006640303	0.100838761
<i>ATG101</i>	0.240928	0.08884	2.711943	0.006689014	0.101422691
<i>TIMMDC1</i>	0.291736	0.10767	2.709554	0.006737378	0.101999566
<i>PSENN</i>	-0.247882	0.091626	-2.70537	0.006822837	0.103085183
<i>VOPP1</i>	-0.282891	0.10458	-2.705024	0.006829941	0.103085183
<i>PSMD9</i>	-0.247665	0.091598	-2.703823	0.006854675	0.103300789
<i>HCG11</i>	-0.568683	0.210428	-2.702502	0.006881986	0.103554506
<i>AEBP2</i>	0.383502	0.142063	2.699519	0.00694397	0.104328401
<i>EIF5B</i>	0.278584	0.103265	2.697764	0.006980695	0.104563683
<i>METTL8</i>	0.507618	0.188193	2.697324	0.006989921	0.104563683
<i>TENT5A</i>	0.553342	0.205178	2.69689	0.00699904	0.104563683
<i>HIST1H2BJ</i>	0.647225	0.240054	2.69617	0.007014177	0.104563683
<i>ZNF441</i>	-0.614422	0.227919	-2.695786	0.007022278	0.104563683
<i>CYTOR</i>	1.089933	0.404316	2.695747	0.007023092	0.104563683
<i>ENSG00000267633</i>	-1.785993	0.662784	-2.694683	0.007045571	NA
<i>INSIG2</i>	0.687706	0.255297	2.693748	0.007065351	0.105034675
<i>YWHAG</i>	0.317044	0.117806	2.69125	0.00711848	0.105665604
<i>CBX6</i>	-0.276887	0.10298	-2.688753	0.007171953	0.106299739
<i>CERS4</i>	-0.317425	0.11817	-2.686181	0.007227394	0.106961099
<i>OPTN</i>	-0.386366	0.143912	-2.684741	0.007258613	0.107262549
<i>KCTD5</i>	0.369916	0.137917	2.682156	0.007314942	0.107798354
<i>CD3EAP</i>	0.624532	0.232854	2.682076	0.00731668	0.107798354
<i>SPAG4</i>	0.929045	0.346698	2.679695	0.007368926	0.108277314
<i>PPP4R2</i>	0.277838	0.103688	2.679573	0.007371608	0.108277314
<i>RIOK3</i>	0.279736	0.104414	2.679099	0.007382046	0.108277314
<i>PPA2</i>	0.429166	0.160259	2.677944	0.007407559	0.108490567
<i>TMEM216</i>	0.301797	0.112741	2.676898	0.007430718	0.108534582
<i>BLOC1S2</i>	-0.253664	0.094763	-2.676817	0.007432522	0.108534582
<i>CPNE3</i>	-0.338336	0.126463	-2.675381	0.007464428	0.108839725

<i>TMEM141</i>	-0.310514	0.116113	-2.674244	0.007489797	0.109042941
<i>ZBED2</i>	1.468844	0.549534	2.672891	0.007520064	0.109042941
<i>ENSG00000253982</i>	-0.473082	0.176997	-2.672827	0.007521495	0.109042941
<i>DDX31</i>	0.568723	0.212838	2.672096	0.007537898	0.109042941
<i>UTP18</i>	0.31668	0.118538	2.671546	0.007550275	0.109042941
<i>HDX</i>	1.688083	0.631898	2.671448	0.007552487	NA
<i>LARP1</i>	0.332754	0.124583	2.67093	0.007564139	0.109042941
<i>DDB2</i>	-0.254943	0.095457	-2.670768	0.007567783	0.109042941
<i>MED22</i>	-0.392309	0.146905	-2.670497	0.007573894	0.109042941
<i>NOP2</i>	0.384951	0.144159	2.670332	0.007577635	0.109042941
<i>DHRS7B</i>	-0.329447	0.12351	-2.667378	0.007644557	0.109846056
<i>FAM41C</i>	-0.472334	0.177173	-2.665944	0.007677257	0.110155825
<i>PEX12</i>	1.120397	0.42057	2.663998	0.007721803	0.110634413
<i>CCNL1</i>	0.244577	0.091876	2.662044	0.007766772	0.111117668
<i>CCL22</i>	2.092216	0.786351	2.660664	0.007798671	0.111412804
<i>PSMG3</i>	-0.319581	0.120139	-2.660089	0.007812	0.111442188
<i>ENSG00000260793</i>	-0.84039	0.316158	-2.658135	0.007857443	0.11192893
<i>TRIM27</i>	0.24935	0.093827	2.657559	0.007870878	0.111958993
<i>TRMT1L</i>	0.484249	0.182619	2.651694	0.008008911	0.113758752
<i>UCK2</i>	0.589643	0.222824	2.64622	0.008139694	0.115450521
<i>RHOA</i>	0.184031	0.069574	2.645104	0.008166573	0.115647139
<i>NBDY</i>	-0.371228	0.14037	-2.644636	0.008177878	0.115647139
<i>NOM1</i>	0.335832	0.127008	2.644191	0.00818865	0.115647139
<i>DHRSX</i>	-0.405468	0.153548	-2.640664	0.008274383	0.116691233
<i>PKIG</i>	-0.537533	0.203668	-2.639269	0.008308509	0.116916338
<i>RBM38</i>	-0.322821	0.122326	-2.639011	0.008314835	0.116916338
<i>PPP2R5C</i>	-0.246451	0.093408	-2.638423	0.008329267	0.116916338
<i>CENPM</i>	0.616754	0.233789	2.638082	0.008337651	0.116916338
<i>EIF4A2</i>	0.202075	0.076672	2.635585	0.008399245	0.117613224
<i>L3HYPDH</i>	-0.766639	0.29099	-2.634587	0.008423979	0.11764915
<i>RUNX3</i>	0.249165	0.094577	2.634521	0.008425612	0.11764915
<i>CMC2</i>	0.252355	0.09581	2.633915	0.008440673	0.117693216
<i>PEX10</i>	-0.592394	0.224961	-2.633317	0.008455531	0.117734337
<i>CPNE2</i>	-1.888523	0.718534	-2.6283	0.008581275	NA
<i>ZNF302</i>	-0.263681	0.100335	-2.627999	0.008588872	0.119422772
<i>HRK</i>	-1.441138	0.548651	-2.626696	0.008621843	0.11971284
<i>LPP.AS2</i>	-1.387343	0.528364	-2.625733	0.008646272	NA
<i>VPS25</i>	-0.283334	0.107923	-2.625328	0.008656554	0.12002622
<i>NPM1</i>	0.326466	0.124439	2.623507	0.008702958	0.120500615
<i>PSD3</i>	1.435757	0.547332	2.623192	0.008711017	NA
<i>ASB1</i>	0.355522	0.135579	2.622244	0.008735282	0.120693255
<i>DOCK10</i>	-0.447107	0.170521	-2.62201	0.008741288	0.120693255
<i>TGM2</i>	2.23817	0.853756	2.621558	0.008752879	NA
<i>HEATR1</i>	0.418826	0.159802	2.620912	0.008769479	0.120758776
<i>HGSNAT</i>	-0.49343	0.188269	-2.620874	0.008770463	0.120758776
<i>YBEY</i>	-0.294974	0.112696	-2.617436	0.008859318	0.121671211
<i>RRAGC</i>	0.268095	0.102435	2.617219	0.008864936	0.121671211



<i>FTL</i>	0.252897	0.096641	2.616884	0.008873654	0.121671211
<i>WDR76</i>	-0.569838	0.217828	-2.615997	0.008896741	0.12177956
<i>TFEB</i>	0.350023	0.133819	2.615634	0.008906193	0.12177956
<i>LINC02166</i>	1.259314	0.481775	2.613905	0.008951389	NA
<i>ZNF692</i>	-0.4675	0.178909	-2.61306	0.008973542	0.122530994
<i>PIGF</i>	0.639347	0.244903	2.610619	0.009037863	0.123239053
<i>ENSG00000224746</i>	-1.375713	0.527094	-2.609996	0.009054321	NA
<i>PET100</i>	-0.234241	0.089782	-2.609011	0.009080431	0.123648959
<i>ENSG00000237499</i>	-0.905875	0.347275	-2.608521	0.009093451	0.123655922
<i>MGAT5B</i>	-1.124268	0.431137	-2.607684	0.009115698	NA
<i>TUT4</i>	0.256567	0.098448	2.60611	0.009157698	0.124358521
<i>OGFRL1</i>	-0.46376	0.178085	-2.604153	0.00921017	0.124899506
<i>KIAA1586</i>	-0.519872	0.199735	-2.602815	0.00924619	0.125162789
<i>ELF2</i>	-0.227534	0.087429	-2.602492	0.009254906	0.125162789
<i>HLA.A</i>	-0.452282	0.173929	-2.600387	0.009311858	0.125723231
<i>EMC2</i>	0.372337	0.14323	2.599576	0.009333909	0.125723231
<i>FUOM</i>	-0.492584	0.189488	-2.599554	0.009334498	0.125723231
<i>RNASEH2B</i>	0.33054	0.127262	2.597326	0.009395284	0.126369768
<i>SELENOF</i>	-0.13418	0.05168	-2.596386	0.009421011	0.126486822
<i>TICAM1</i>	0.427995	0.164884	2.595737	0.00943884	0.126486822
<i>MRPL43</i>	-0.191647	0.073842	-2.59537	0.009448921	0.126486822
<i>THRAP3</i>	-0.223144	0.085985	-2.595143	0.009455165	0.126486822
<i>GNG3</i>	-2.363786	0.910903	-2.594992	0.009459308	NA
<i>CTNNBIP1</i>	-0.89522	0.345223	-2.593164	0.00950975	0.12704512
<i>VMP1</i>	0.226869	0.087529	2.591934	0.009543801	0.127327961
<i>PBX4</i>	1.170384	0.451642	2.591395	0.009558769	0.127355788
<i>ENSG00000279927</i>	-1.240121	0.478555	-2.591388	0.00955896	NA
<i>NR4A2</i>	1.254824	0.484443	2.590241	0.009590874	0.127434772
<i>NBPF9</i>	0.855254	0.330233	2.589848	0.009601834	0.127434772
<i>GPS1</i>	-0.362204	0.139858	-2.589793	0.009603369	0.127434772
<i>USP14</i>	0.299088	0.11551	2.589268	0.009618018	0.127458084
<i>TOB1</i>	0.524218	0.202564	2.587914	0.009655898	0.127788766
<i>TUNAR</i>	-1.864856	0.720847	-2.587035	0.00968058	NA
<i>CCDC159</i>	-0.563557	0.217903	-2.586278	0.009701857	0.128109597
<i>ZNF296</i>	0.5271	0.203818	2.586129	0.009706058	0.128109597
<i>ADNP2</i>	0.736761	0.28508	2.5844	0.009754866	0.128582143
<i>MCOLN2</i>	1.290717	0.499698	2.582994	0.009794713	0.128935469
<i>G2E3</i>	0.404072	0.156533	2.581387	0.009840424	0.129364942
<i>DEGS1</i>	0.305943	0.118555	2.580599	0.009862897	0.129488175
<i>NUDT16</i>	-0.486751	0.188655	-2.580112	0.009876829	0.129499116
<i>ENSG00000260879</i>	-1.66763	0.646537	-2.579327	0.009899289	NA
<i>KDM5B</i>	0.423766	0.164391	2.577796	0.009943256	0.130197383
<i>HLA.DMB</i>	-0.453577	0.176052	-2.576377	0.009984178	0.130560292
<i>TOX2</i>	2.387925	0.926855	2.576375	0.009984226	NA
<i>CD99</i>	-0.239714	0.093123	-2.574152	0.010048626	0.131128541
<i>ENSG00000272195</i>	-1.597807	0.620729	-2.574083	0.010050623	NA
<i>ZNF827</i>	0.750003	0.291381	2.573961	0.010054161	0.131128541

XPO6	0.37905	0.14735	2.572448	0.0100982	0.131508112
MIR4435.2HG	1.700101	0.661031	2.571892	0.010114431	0.131508112
TCTN3	0.356638	0.138684	2.571593	0.010123171	0.131508112
FBXO25	-0.283036	0.110155	-2.569437	0.010186387	0.13215567
MIR155HG	0.543112	0.21153	2.567543	0.010242216	0.132622582
GPX1	-0.465096	0.181171	-2.567164	0.010253419	0.132622582
CHRNE	1.572247	0.612545	2.566747	0.010265743	NA
TFDP2	-0.50127	0.195311	-2.566525	0.010272319	0.132622582
ZBTB20	0.469308	0.182893	2.566031	0.010286977	0.132622582
LACTB2	0.421564	0.164297	2.565858	0.010292091	0.132622582
KLK1	1.702505	0.663617	2.565495	0.010302867	0.132622582
ENSG00000272155	1.311911	0.511385	2.565407	0.01030547	NA
MICOS13	-0.180787	0.070482	-2.564991	0.010317855	0.132642804
TSEN15	-0.462504	0.180418	-2.563519	0.010361712	0.133033613
TMEM220.AS1	-1.51187	0.590302	-2.56118	0.010431737	NA
TAGAP	-0.548219	0.214084	-2.560764	0.010444238	0.133919246
DLAT	-0.409439	0.160151	-2.556585	0.010570539	0.135363149
MCRS1	-0.259547	0.101666	-2.552933	0.010682014	0.136613702
PPBP	3.467389	1.358769	2.551862	0.010714909	NA
MGME1	0.394043	0.154432	2.55157	0.01072387	0.136971806
FAM228B	-0.471274	0.184807	-2.550089	0.010769531	0.137377526
HM13	0.281178	0.110295	2.549323	0.010793232	0.13744886
JAM3	0.737115	0.289177	2.54901	0.01080293	0.13744886
IGHM	-0.401936	0.157735	-2.548176	0.010828786	0.137451266
RBMS1	-0.442909	0.173821	-2.548072	0.010832014	0.137451266
BRD2	0.157584	0.061854	2.547659	0.01084483	0.137451266
HHEX	0.359748	0.141257	2.54676	0.010872818	0.137629551
ENSG00000261335	-2.046899	0.804467	-2.544415	0.010946084	NA
MIR22HG	0.526243	0.206864	2.543908	0.010961993	0.1385809
HIST1H2BH	1.582929	0.622708	2.542007	0.01102179	NA
LINC01857	0.499478	0.196504	2.541822	0.011027621	0.139232524
RCSD1	-0.527754	0.207812	-2.539573	0.01109879	0.139389701
ARHGAP1	-0.458251	0.180445	-2.539566	0.011099006	0.139389701
STAM2	0.624845	0.246066	2.539341	0.011106159	0.139389701
PDCD5	0.290694	0.114477	2.539318	0.011106875	0.139389701
SGF29	0.386486	0.152238	2.538698	0.011126581	0.139389701
BIN3	-0.377949	0.148876	-2.53869	0.011126823	0.139389701
XIAP	0.311603	0.122771	2.53809	0.011145938	0.139389701
ZNF74	1.548173	0.610006	2.537963	0.011149971	NA
ATP6VOE2	-1.026929	0.404642	-2.537872	0.011152868	0.139389701
LIMS1	0.362431	0.142978	2.534872	0.011248827	0.140342673
ABHD17B	0.372709	0.147048	2.534602	0.01125751	0.140342673
TOP2A	-1.11912	0.441611	-2.534174	0.011271281	NA
DIPK1B	-1.949302	0.769575	-2.53296	0.011310372	NA
GSDMD	-0.460588	0.181851	-2.532782	0.011316133	0.140895833
TMEM205	-0.260204	0.102811	-2.530901	0.01137701	0.141475622
PYHIN1	1.142996	0.452152	2.5279	0.011474689	NA

<i>CD68</i>	0.809709	0.320581	2.525751	0.011545141	0.143231586
<i>PSMD6</i>	0.26107	0.103366	2.525688	0.011547195	0.143231586
<i>RNF114</i>	0.226575	0.08973	2.525069	0.011567555	0.143304323
<i>HVCN1</i>	-0.513658	0.203563	-2.523336	0.011624733	0.143749607
<i>ITGB3BP</i>	-0.610933	0.242147	-2.522983	0.011636393	0.143749607
<i>PITPNB</i>	0.259126	0.102719	2.522659	0.011647121	0.143749607
<i>CTSC</i>	0.710801	0.28204	2.520216	0.011728298	0.14455658
<i>UTP14A</i>	0.377726	0.149902	2.519812	0.011741749	0.14455658
<i>KCNRG</i>	1.415555	0.561848	2.519463	0.011753409	NA
<i>ATP6VOD1</i>	0.26645	0.105766	2.519248	0.011760563	0.144608114
<i>NUDT1</i>	-0.354408	0.140708	-2.518746	0.011777343	0.144634548
<i>RAD51AP1</i>	-1.210683	0.481144	-2.516261	0.011860719	NA
<i>TMC8</i>	-0.412218	0.163857	-2.51572	0.011878944	0.145491569
<i>METAP2</i>	0.192302	0.076444	2.515579	0.011883706	0.145491569
<i>JADE1</i>	0.397977	0.158231	2.51517	0.011897512	0.145491569
<i>PRDM8</i>	-0.515733	0.205069	-2.514918	0.011905996	0.145491569
<i>SQOR</i>	-0.394754	0.157008	-2.514221	0.011929582	0.145599806
<i>SLC35D1</i>	0.745652	0.296982	2.510761	0.012047122	0.146640929
<i>ZNF207</i>	0.189697	0.075561	2.510511	0.012055664	0.146640929
<i>ECH1</i>	-0.230842	0.091954	-2.510402	0.012059385	0.146640929
<i>TPCN1</i>	-0.50691	0.202001	-2.509442	0.012092201	0.146859334
<i>ADA</i>	-0.9045	0.360721	-2.50748	0.012159561	0.147360194
<i>NETO2</i>	1.013812	0.40435	2.50726	0.012167131	0.147360194
<i>CD79B</i>	-0.383823	0.153112	-2.506814	0.012182491	0.147360194
<i>UBA2</i>	0.189006	0.075406	2.506507	0.012193065	0.147360194
<i>RGS2</i>	0.868266	0.34653	2.505604	0.012224257	0.147404178
<i>IFI30</i>	0.441351	0.17615	2.505538	0.012226525	0.147404178
<i>TERF1</i>	0.228977	0.091483	2.502938	0.012316717	0.148019196
<i>TCEAL3</i>	-0.415313	0.165936	-2.502855	0.012319616	0.148019196
<i>C7orf50</i>	-0.397556	0.158846	-2.502773	0.012322456	0.148019196
<i>MFSD6</i>	0.82442	0.32969	2.500595	0.01239849	0.148751789
<i>CNKSR3</i>	-1.554084	0.621947	-2.498741	0.012463547	NA
<i>MAD2L1BP</i>	0.303341	0.12145	2.497655	0.012501774	0.149809136
<i>DGAT2</i>	0.562929	0.225589	2.495373	0.01258248	0.150567651
<i>HEXIM2</i>	0.529806	0.212347	2.495005	0.012595534	0.150567651
<i>ORAI3</i>	-0.339965	0.136314	-2.493984	0.012631842	0.150819306
<i>PEG10</i>	1.401822	0.562252	2.493225	0.012658871	NA
<i>ASCL2</i>	1.242845	0.498822	2.491559	0.012718386	NA
<i>ENSG00000279529</i>	-0.571196	0.229375	-2.49023	0.012766046	0.15215436
<i>EVI2B</i>	-0.235565	0.094604	-2.489996	0.01277444	0.15215436
<i>JRK</i>	-0.609964	0.245135	-2.488272	0.012836534	0.152709962
<i>EMC10</i>	-0.235438	0.094666	-2.487039	0.012881146	0.153056498
<i>NDUFA1</i>	-0.157091	0.063192	-2.485919	0.012921738	0.153354509
<i>CIRBP</i>	-0.176718	0.071106	-2.485286	0.012944738	0.153443267
<i>NT5C2</i>	-0.485568	0.195413	-2.484832	0.012961245	0.153454934
<i>OAZ2</i>	-0.221656	0.089229	-2.484128	0.012986906	0.153574825
<i>NDUFS8</i>	-0.25388	0.102308	-2.481521	0.013082293	0.154211537

<i>ANAPC16</i>	-0.149422	0.060216	-2.481444	0.013085129	0.154211537
<i>PELI1</i>	0.365525	0.147307	2.481378	0.013087546	0.154211537
<i>TTC39B</i>	-1.653687	0.667369	-2.477921	0.013215024	NA
<i>ENSG00000237950</i>	-1.626822	0.656752	-2.477071	0.013246551	NA
<i>SERPINB9</i>	0.359955	0.14537	2.476133	0.013281406	0.156186709
<i>CDCA7L</i>	-0.42427	0.171354	-2.475989	0.013286771	0.156186709
<i>ALKBH6</i>	-0.646057	0.261082	-2.474538	0.013340863	0.156636308
<i>CHP1</i>	-0.298569	0.12071	-2.473433	0.013382178	0.156731376
<i>ZC3H12D</i>	-0.481398	0.194653	-2.473114	0.013394137	0.156731376
<i>TOMM5</i>	-0.235099	0.095064	-2.47305	0.013396522	0.156731376
<i>TNFRSF13B</i>	0.992687	0.40152	2.472325	0.013423757	0.15686437
<i>GPSM3</i>	-0.221702	0.089724	-2.470941	0.013475817	0.157203795
<i>C1orf162</i>	-0.410279	0.166057	-2.470707	0.013484606	0.157203795
<i>WARS</i>	0.740969	0.300256	2.467786	0.013595145	0.15830578
<i>DHRS3</i>	2.089275	0.846891	2.466995	0.013625234	0.158469482
<i>SH3BGRL</i>	-0.336224	0.136313	-2.466565	0.013641603	0.15847343
<i>RSL24D1</i>	0.191742	0.077756	2.465954	0.013664875	0.158485212
<i>ACAT1</i>	-0.540452	0.219188	-2.465697	0.01367468	0.158485212
<i>SELENOK</i>	0.208901	0.084828	2.462635	0.013792014	0.159657904
<i>DDIT4</i>	0.440672	0.178993	2.461949	0.013818419	0.159663473
<i>AFDN</i>	0.879367	0.357246	2.461519	0.013835024	0.159663473
<i>ACP2</i>	-0.714483	0.290342	-2.460832	0.013861513	0.159663473
<i>SLBP</i>	0.438191	0.178072	2.460754	0.013864541	0.159663473
<i>L1CAM</i>	-0.772048	0.313773	-2.460529	0.013873247	0.159663473
<i>TUBB4B</i>	0.397162	0.161487	2.459406	0.013916696	0.159977278
<i>SSH2</i>	-0.292756	0.119089	-2.458285	0.013960251	0.16016657
<i>NFKBID</i>	0.252663	0.102786	2.458148	0.013965566	0.16016657
<i>ENSG00000265218</i>	-1.178396	0.479506	-2.45752	0.01399001	NA
<i>HK2</i>	0.8673	0.353068	2.456467	0.014031067	0.160576103
<i>RABGGTB</i>	0.233927	0.095232	2.456398	0.01403376	0.160576103
<i>IQCG</i>	-0.630361	0.256685	-2.455775	0.0140581	0.160668646
<i>KIF21A</i>	1.301007	0.529847	2.455438	0.014071319	NA
<i>SPINT2</i>	-0.308985	0.12596	-2.453036	0.01416562	0.161310725
<i>POLR2B</i>	-0.26232	0.10694	-2.452977	0.014167945	0.161310725
<i>TP53TG1</i>	-0.393333	0.160372	-2.452632	0.014181526	0.161310725
<i>SUB1</i>	0.2079	0.084774	2.452415	0.014190105	0.161310725
<i>CCDC191</i>	-0.669602	0.273065	-2.452174	0.014199602	0.161310725
<i>RGL1</i>	-1.377406	0.561763	-2.451934	0.014209077	NA
<i>DCAF11</i>	-0.266933	0.10887	-2.451855	0.014212183	0.161310725
<i>MKRN2</i>	0.383121	0.156334	2.450665	0.014259254	0.161659388
<i>GPR146</i>	-0.764396	0.312029	-2.449756	0.014295294	0.161882328
<i>CIITA</i>	0.674999	0.275612	2.449087	0.014321869	0.161913742
<i>BABAM1</i>	-0.257303	0.105071	-2.448862	0.014330824	0.161913742
<i>NOL6</i>	0.696388	0.284472	2.448005	0.014364983	0.162114404
<i>LMF2</i>	-0.301854	0.123413	-2.445889	0.014449564	0.162882995
<i>SLC16A1.AS1</i>	0.346484	0.141841	2.442768	0.014575117	0.164111171
<i>PTPN12</i>	0.519693	0.212793	2.442248	0.014596106	0.164160527

<i>XRN2</i>	0.248282	0.101749	2.440141	0.014681519	0.164933523
<i>B9D2</i>	-0.343694	0.140895	-2.439366	0.014713055	0.165100181
<i>C6orf226</i>	-0.582658	0.238931	-2.438606	0.01474405	0.16526041
<i>HDAC6</i>	-0.362506	0.148699	-2.43785	0.014774895	0.165418583
<i>ST13</i>	0.143587	0.058912	2.437321	0.014796543	0.165473553
<i>UBAC1</i>	-0.506203	0.207825	-2.435716	0.014862344	0.166021623
<i>ADD1</i>	-0.224485	0.092211	-2.43446	0.01491404	0.166411058
<i>CASP10</i>	0.592484	0.243694	2.43126	0.015046397	0.167698621
<i>KLHDC10</i>	-0.547345	0.225214	-2.430334	0.015084906	0.167938486
<i>TIAL1</i>	0.202117	0.083202	2.429248	0.015130195	0.168253213
<i>RHOBTB2</i>	1.519136	0.62557	2.428404	0.015165452	NA
<i>PRPF19</i>	0.285078	0.117394	2.42838	0.015166453	0.168466911
<i>ENSG00000278158</i>	-0.376959	0.155295	-2.427367	0.015208843	0.168562717
<i>EXOSC3</i>	0.224857	0.092634	2.427359	0.015209179	0.168562717
<i>METRNL</i>	1.006883	0.414913	2.426733	0.015235484	0.16866517
<i>ALDH4A1</i>	-1.296345	0.53459	-2.424935	0.015311149	NA
<i>FCRL2</i>	0.521189	0.214958	2.424605	0.015325061	0.169467059
<i>PTPN20</i>	-1.406811	0.580374	-2.423974	0.015351686	NA
<i>PLEKHO2</i>	0.511239	0.210922	2.423829	0.015357841	0.16963979
<i>ZNF165</i>	0.497921	0.205484	2.423163	0.015386024	0.169639955
<i>ZNF213.AS1</i>	-0.616592	0.254473	-2.423018	0.015392175	0.169639955
<i>SLC25A36</i>	0.360501	0.148862	2.421703	0.015447988	0.170065488
<i>IDI1</i>	0.332979	0.137595	2.41999	0.015520928	0.17067841
<i>ZKSCAN7</i>	-1.727758	0.714859	-2.416922	0.015652355	NA
<i>TRMT2B</i>	-0.431399	0.178497	-2.41684	0.015655908	0.171751961
<i>PRKAR1B</i>	0.714768	0.295782	2.41654	0.015668804	0.171751961
<i>ZNF28</i>	-0.471522	0.195181	-2.415817	0.01569995	0.171751961
<i>WDR47</i>	0.65126	0.269587	2.415769	0.015702001	0.171751961
<i>DLGAP1.AS1</i>	-0.410454	0.169912	-2.41569	0.015705419	0.171751961
<i>SRGAP2</i>	0.653255	0.27065	2.413654	0.015793439	0.172523691
<i>MMUT</i>	0.577441	0.239399	2.412044	0.01586335	0.173096107
<i>ACSL1</i>	0.504578	0.209256	2.411297	0.015895912	0.173260186
<i>MKKS</i>	-0.287554	0.119296	-2.410423	0.015934039	0.173484485
<i>ADAM15</i>	0.724463	0.300737	2.40896	0.015998057	0.173989868
<i>RSRC2</i>	0.35086	0.14571	2.407931	0.016043194	0.174145601
<i>UQCRCQ</i>	-0.179256	0.074447	-2.407831	0.016047607	0.174145601
<i>SLC39A13</i>	-0.514898	0.213923	-2.406931	0.016087189	0.17429812
<i>PSMD14</i>	0.336576	0.139849	2.406711	0.016096923	0.17429812
<i>ENSG00000259529</i>	-0.472326	0.196298	-2.406168	0.016120867	0.174366398
<i>CYP2R1</i>	-0.451009	0.187481	-2.405624	0.016144872	0.174378088
<i>ENSA</i>	-0.128826	0.053558	-2.405345	0.016157225	0.174378088
<i>ATP2B1</i>	-0.255261	0.106156	-2.404592	0.016190549	0.174547183
<i>CEP164</i>	-0.393797	0.16382	-2.403835	0.016224115	0.174718519
<i>PAK1IP1</i>	0.446433	0.185755	2.403338	0.016246177	0.174765726
<i>SETBP1</i>	0.919371	0.382878	2.401208	0.016341023	0.17559495
<i>THG1L</i>	0.518422	0.215951	2.400642	0.016366329	0.175675927
<i>NDUFA4</i>	-0.142319	0.059299	-2.400003	0.016394921	0.17572204

<i>VTI1A</i>	-0.311034	0.129612	-2.399743	0.016406589	0.17572204
<i>CNOT9</i>	-0.242906	0.101238	-2.399356	0.01642395	0.17572204
<i>COMMD9</i>	-0.212928	0.088807	-2.397639	0.016501137	0.175810936
<i>RAD17</i>	-0.335083	0.13976	-2.397569	0.016504254	0.175810936
<i>LRWD1</i>	0.408834	0.170541	2.397285	0.016517069	0.175810936
<i>DDX20</i>	0.335802	0.140103	2.396826	0.01653776	0.175810936
<i>LMNA</i>	0.500817	0.208951	2.396814	0.016538305	0.175810936
<i>GABPB1</i>	-0.232146	0.096857	-2.3968	0.016538961	0.175810936
<i>TMEM11</i>	0.207678	0.086685	2.395778	0.016585144	0.176083082
<i>ZNF506</i>	0.368328	0.153778	2.39519	0.016611771	0.176083082
<i>ENSG00000236255</i>	0.988413	0.412682	2.395096	0.016616014	NA
<i>TRIP11</i>	0.231037	0.096464	2.395052	0.016617997	0.176083082
<i>TMCO3</i>	-0.350324	0.146321	-2.394226	0.016655504	0.176291554
<i>ZNF330</i>	0.315122	0.131711	2.39252	0.016733102	0.176603013
<i>SDAD1</i>	0.235691	0.098518	2.392373	0.016739823	0.176603013
<i>MCL1</i>	0.232196	0.097067	2.392108	0.016751899	0.176603013
<i>ENSG00000237188</i>	-0.786321	0.328728	-2.39201	0.016756385	0.176603013
<i>NOLC1</i>	0.340005	0.142168	2.391565	0.016776732	0.176629153
<i>DENND5A</i>	0.423112	0.177027	2.390105	0.016843552	0.177131192
<i>UPF3A</i>	-0.299758	0.125435	-2.389741	0.016860252	0.177131192
<i>FBXO11</i>	0.298268	0.124853	2.388955	0.016896372	0.177322223
<i>SERPINB6</i>	0.465288	0.194859	2.387817	0.016948761	0.177683401
<i>EYA3</i>	0.519395	0.217608	2.386836	0.016994061	0.177888909
<i>ANKAR</i>	-0.533763	0.223649	-2.386614	0.017004352	0.177888909
<i>YY1</i>	0.151154	0.063353	2.38592	0.017036439	0.178036191
<i>ASPH</i>	1.41203	0.592035	2.385043	0.017077106	NA
<i>ZNF254</i>	-0.446518	0.187216	-2.385043	0.017077146	0.178105438
<i>PRCP</i>	-0.363937	0.152594	-2.385001	0.017079097	0.178105438
<i>ATP5PD</i>	-0.201685	0.084615	-2.383559	0.017146149	0.178509367
<i>RRP1B</i>	0.382715	0.160576	2.383391	0.017153945	0.178509367
<i>RRM2B</i>	-0.308042	0.129293	-2.38251	0.017195047	0.178748935
<i>LRP5L</i>	-0.796074	0.334191	-2.382096	0.017214411	0.178762252
<i>MS4A1</i>	-0.295127	0.123916	-2.381681	0.017233805	0.178775858
<i>SPRY1</i>	-0.76141	0.319774	-2.381086	0.017261699	0.178802457
<i>PLEKHG1</i>	-0.247168	0.103823	-2.380675	0.017280967	0.178802457
<i>CDCA4</i>	0.33896	0.142399	2.380354	0.017296021	0.178802457
<i>MBOAT2</i>	-1.438501	0.604468	-2.379781	0.017322927	NA
<i>SESTD1</i>	-0.424307	0.17835	-2.379072	0.017356303	0.178802457
<i>UQCRHL</i>	-0.543099	0.228298	-2.378899	0.017364444	0.178802457
<i>WDR4</i>	0.437226	0.183806	2.378743	0.017371766	0.178802457
<i>ANKRD36C</i>	-0.499521	0.209998	-2.378696	0.017373984	0.178802457
<i>DIMT1</i>	0.2895	0.121729	2.378228	0.017396062	0.178802457
<i>MLYCD</i>	-0.692493	0.291188	-2.378163	0.017399147	0.178802457
<i>FARSA</i>	0.237011	0.09969	2.377472	0.01743176	0.178951584
<i>CARD11</i>	0.478485	0.201302	2.376947	0.017456574	0.179020428
<i>PWWP2B</i>	0.63189	0.265884	2.37656	0.017474924	0.179022898
<i>MYL12B</i>	0.208715	0.087838	2.376138	0.017494939	0.17904241

<i>BCL2A1</i>	0.447838	0.188545	2.37523	0.017538033	0.179297821
<i>SDC3</i>	1.888946	0.79551	2.374508	0.017572365	NA
<i>CYCS</i>	0.196277	0.082691	2.373618	0.017614761	0.179896207
<i>ZNF530</i>	-0.499648	0.210556	-2.372989	0.017644768	0.180016698
<i>SRP9</i>	-0.190323	0.080251	-2.371614	0.017710582	0.18047462
<i>POLG2</i>	0.421913	0.177927	2.371271	0.017727022	0.18047462
<i>RNF13</i>	-0.275173	0.116064	-2.370872	0.017746169	0.18047462
<i>MRPL13</i>	0.193986	0.081845	2.370163	0.017780252	0.18047462
<i>PUM3</i>	0.380084	0.160364	2.37013	0.017781844	0.18047462
<i>COPS2</i>	0.290993	0.122794	2.369769	0.017799186	0.18047462
<i>TMA16</i>	0.349813	0.14775	2.367603	0.017903759	0.181158
<i>EIF5A2</i>	0.443864	0.187545	2.366711	0.017946947	0.181158
<i>EDF1</i>	-0.130519	0.055151	-2.366586	0.017952998	0.181158
<i>TENT4B</i>	0.541709	0.228906	2.366512	0.017956588	0.181158
<i>PURA</i>	0.389557	0.164615	2.366479	0.017958208	0.181158
<i>IDH3A</i>	0.277269	0.117191	2.365966	0.017983087	0.181161947
<i>WAC</i>	0.171262	0.072393	2.365716	0.017995249	0.181161947
<i>TMEM170A</i>	0.269041	0.113829	2.363557	0.018100452	0.182035675
<i>PI4KB</i>	-0.296391	0.125435	-2.362905	0.018132338	0.182112542
<i>PPFIBP1</i>	-1.025557	0.434071	-2.362647	0.018144938	0.182112542
<i>MDN1</i>	0.47586	0.201515	2.36141	0.018205614	0.182536203
<i>WDR6</i>	-0.269062	0.113973	-2.36074	0.01823851	0.182680756
<i>STARD10</i>	-0.337411	0.143005	-2.359433	0.018302869	0.183139842
<i>PYM1</i>	-0.263031	0.111529	-2.358405	0.018353638	0.1833362
<i>ZNF148</i>	-0.228828	0.097031	-2.358285	0.018359583	0.1833362
<i>COX8A</i>	-0.156719	0.06648	-2.357391	0.018403864	0.183592936
<i>RIOK1</i>	0.367892	0.156179	2.355585	0.018493574	0.184035056
<i>ETNK1</i>	0.251465	0.106758	2.355473	0.018499161	0.184035056
<i>RUFY2</i>	-0.412754	0.175239	-2.355375	0.018504031	0.184035056
<i>DTX3</i>	1.806038	0.766959	2.354803	0.018532504	NA
<i>EXOSC5</i>	0.386856	0.164434	2.352651	0.018640098	0.185202014
<i>TNS3</i>	0.704811	0.299747	2.351351	0.018705371	0.185663949
<i>ACSM3</i>	-0.671889	0.285846	-2.350528	0.018746781	0.185758891
<i>PTRHD1</i>	-0.317259	0.13498	-2.350414	0.018752516	0.185758891
<i>CLCF1</i>	0.521319	0.221949	2.348828	0.018832618	0.186365625
<i>ITFG1</i>	-0.323176	0.137634	-2.348083	0.018870327	0.186552052
<i>SERF2</i>	-0.161412	0.068755	-2.34765	0.018892257	0.186582266
<i>SYNE2</i>	-0.546962	0.23311	-2.34637	0.018957255	0.186871929
<i>WRAP53</i>	-0.491841	0.209649	-2.346026	0.018974773	0.186871929
<i>SDF2L1</i>	-0.26074	0.111145	-2.345957	0.018978294	0.186871929
<i>PLTP</i>	-1.358493	0.579182	-2.34554	0.01899956	NA
<i>NDUFA13</i>	-0.186108	0.079352	-2.345358	0.019008817	0.18698623
<i>TAF5</i>	0.550428	0.234893	2.343319	0.019113046	0.187824628
<i>HACD4</i>	-1.026091	0.438092	-2.342183	0.019171301	0.188210016
<i>FXYD2</i>	-0.922957	0.394394	-2.340194	0.019273702	0.18869438
<i>SRSF10</i>	0.176496	0.075422	2.340127	0.019277164	0.18869438
<i>BRMS1L</i>	0.476087	0.203466	2.339879	0.019289989	0.18869438

<i>CCND2</i>	0.542867	0.23202	2.339744	0.019296988	0.18869438
<i>FCHSD2</i>	-0.368947	0.157753	-2.338767	0.019347497	0.18891499
<i>SPATC1L</i>	-0.588951	0.25188	-2.338218	0.019375941	0.18891499
<i>LARP4B</i>	0.432595	0.185012	2.3382	0.019376876	0.18891499
<i>IFITM3</i>	-1.801063	0.770318	-2.338077	0.019383243	NA
<i>SREK1</i>	0.179513	0.076811	2.337073	0.019435402	0.189298901
<i>NEURL1</i>	1.718641	0.735687	2.336105	0.019485779	NA
<i>ESS2</i>	-0.412108	0.176434	-2.335757	0.019503905	0.189779136
<i>ERGIC2</i>	0.262424	0.112406	2.334604	0.019564137	0.19017803
<i>ENSG00000233903</i>	1.018254	0.436287	2.333911	0.019600362	NA
<i>PRDX1</i>	0.26727	0.114529	2.333654	0.019613857	0.190298871
<i>ID3</i>	0.26893	0.115268	2.333081	0.019643898	0.190298871
<i>YPEL1</i>	-0.589462	0.252672	-2.332918	0.019652455	0.190298871
<i>TSC22D2</i>	0.346273	0.14843	2.332897	0.019653565	0.190298871
<i>SIK3</i>	0.488601	0.209501	2.332208	0.01968974	0.190462591
<i>OTULINL</i>	-1.165627	0.499897	-2.331732	0.019714772	NA
<i>EML4</i>	0.297757	0.127703	2.331644	0.019719438	0.190563409
<i>ANKRD36</i>	-0.5209	0.223465	-2.331009	0.019752877	0.190700142
<i>PLCB2</i>	1.227244	0.526724	2.329959	0.01980831	NA
<i>C18orf25</i>	0.36881	0.158295	2.329893	0.019811827	0.190882327
<i>CDKN1B</i>	0.314229	0.13487	2.329856	0.019813764	0.190882327
<i>SRD5A3</i>	0.779584	0.334649	2.329555	0.019829673	0.190882327
<i>ZCCHC7</i>	-0.349529	0.150081	-2.328945	0.019861971	0.191007239
<i>NMD3</i>	0.283293	0.121677	2.328241	0.01989931	0.191180353
<i>SERP2</i>	-1.894184	0.813741	-2.327748	0.019925499	NA
<i>PTGER4</i>	0.57722	0.248128	2.326302	0.020002449	0.191689817
<i>NAP1L1</i>	0.26669	0.114654	2.326039	0.020016467	0.191689817
<i>ARPP19</i>	0.153126	0.065832	2.326008	0.020018143	0.191689817
<i>IFI16</i>	0.229701	0.098763	2.325787	0.020029899	0.191689817
<i>MIAT</i>	-0.994781	0.427791	-2.325388	0.020051201	0.191693069
<i>SMIM14</i>	-0.499389	0.214786	-2.325055	0.020069019	0.191693069
<i>ITGB1BP1</i>	-0.39392	0.169497	-2.32405	0.020122798	0.192021218
<i>EPB41L2</i>	-0.387114	0.166626	-2.323248	0.020165851	0.192114794
<i>ATP5F1E</i>	-0.128896	0.055486	-2.323036	0.020177221	0.192114794
<i>APOBEC3C</i>	-0.34238	0.147401	-2.322781	0.020190903	0.192114794
<i>CRYZ</i>	0.742194	0.319793	2.320857	0.020294546	0.192915269
<i>MBOAT7</i>	0.643383	0.277272	2.3204	0.020319224	0.192964309
<i>POLE3</i>	-0.159428	0.068745	-2.319108	0.020389204	0.19344306
<i>ARPC5</i>	-0.203922	0.087981	-2.3178	0.020460196	0.19393049
<i>PSMB10</i>	-0.255317	0.110176	-2.317359	0.020484178	0.193971821
<i>ADGRB2</i>	-1.280403	0.552588	-2.317101	0.020498208	NA
<i>ECE2</i>	0.542106	0.23402	2.316497	0.020531133	0.194230414
<i>IMPACT</i>	-0.517473	0.223521	-2.315102	0.020607328	0.194764857
<i>ALKBH7</i>	-0.240569	0.103954	-2.314188	0.02065741	0.194991887
<i>PIK3AP1</i>	-0.291207	0.125849	-2.313944	0.020670797	0.194991887
<i>ADAP1</i>	1.568436	0.678165	2.312765	0.020735557	NA
<i>NCF1</i>	-0.333274	0.144107	-2.312688	0.020739801	0.195456317



<i>TIMELESS</i>	-0.582487	0.251942	-2.31199	0.020778222	0.195631908
<i>PNKD</i>	-0.280993	0.121589	-2.311005	0.020832586	0.195957135
<i>PRKAG1</i>	-0.254027	0.109987	-2.309602	0.020910192	0.196352006
<i>ETFDH</i>	-0.383697	0.166162	-2.309171	0.020934111	0.196352006
<i>MFSD1</i>	0.46342	0.200687	2.30917	0.020934151	0.196352006
<i>KIAA1324L</i>	1.321439	0.57239	2.308636	0.02096381	NA
<i>HUS1</i>	0.3462	0.150001	2.30798	0.021000249	0.196785267
<i>AP3B1</i>	-0.48765	0.211714	-2.303345	0.02125942	0.199025217
<i>MMADHC</i>	0.190724	0.082874	2.30138	0.021370149	0.199872557
<i>TMEM230</i>	-0.156168	0.067883	-2.300545	0.021417365	0.19992941
<i>USP24</i>	-0.330338	0.143606	-2.300305	0.021430958	0.19992941
<i>ZNF322</i>	0.395146	0.171855	2.299301	0.021487825	0.19992941
<i>NUP210</i>	0.359576	0.156391	2.29921	0.021493039	0.19992941
<i>GTF2H1</i>	0.230625	0.100325	2.298776	0.021517641	0.19992941
<i>C12orf43</i>	-0.294141	0.127993	-2.298105	0.021555819	0.19992941
<i>SSNA1</i>	-0.214349	0.093325	-2.2968	0.0216302	0.19992941
<i>DNAJC16</i>	0.557873	0.242952	2.296229	0.02166278	0.19992941
<i>WDR34</i>	-0.423157	0.184288	-2.296168	0.021666252	0.19992941
<i>EZH2</i>	0.368938	0.160676	2.296165	0.021666446	0.19992941
<i>KLHDC2</i>	-0.266019	0.115865	-2.295934	0.021679663	0.19992941
<i>GTF2H5</i>	-0.277771	0.120993	-2.295766	0.021689265	0.19992941
<i>DNAL1</i>	-0.628855	0.273921	-2.295758	0.021689748	0.19992941
<i>BORCS7</i>	-0.22212	0.096762	-2.295517	0.021703514	0.19992941
<i>HECA</i>	0.326496	0.142239	2.295406	0.021709871	0.19992941
<i>FKBPL</i>	0.515661	0.224699	2.294901	0.021738795	0.19992941
<i>MYO1E</i>	0.5553	0.241997	2.294653	0.021752991	0.19992941
<i>IFRD2</i>	0.254329	0.110859	2.294164	0.021781107	0.19992941
<i>TADA2A</i>	0.463716	0.202171	2.293677	0.021809038	0.19992941
<i>ACTL6A</i>	0.365343	0.159286	2.29362	0.021812334	0.19992941
<i>GAR1</i>	0.385429	0.168046	2.293589	0.021814121	0.19992941
<i>JAM2</i>	-0.766354	0.33416	-2.293377	0.021826337	0.19992941
<i>MRM1</i>	0.510331	0.222564	2.292963	0.021850113	0.19992941
<i>ZNF33B</i>	-0.371611	0.162085	-2.292689	0.021865893	0.19992941
<i>RAB1B</i>	-0.261098	0.113897	-2.292413	0.021881815	0.19992941
<i>MAGEH1</i>	-0.458892	0.200217	-2.291968	0.021907475	0.199979041
<i>C8orf82</i>	-0.947703	0.413559	-2.291577	0.021930072	NA
<i>MSMP</i>	-0.847985	0.370129	-2.291054	0.021960275	0.200276089
<i>BBS12</i>	-0.861729	0.376216	-2.290515	0.021991454	0.200375591
<i>ENSG00000235501</i>	-1.880291	0.82133	-2.289326	0.022060446	NA
<i>APOO</i>	0.613507	0.267996	2.289237	0.022065568	0.200620931
<i>COLGALT1</i>	-0.458769	0.200415	-2.289091	0.022074055	0.200620931
<i>SRPK1</i>	-0.205804	0.089954	-2.287863	0.022145486	0.200620931
<i>BMI1</i>	0.28568	0.124888	2.287495	0.022166946	0.200620931
<i>MRPL57</i>	-0.159107	0.06956	-2.287345	0.022175683	0.200620931
<i>TFAP4</i>	0.634835	0.277549	2.287288	0.02217903	0.200620931
<i>WDR90</i>	0.973195	0.425538	2.286976	0.022197214	0.200620931
<i>SUPT16H</i>	-0.245186	0.107225	-2.286644	0.022216587	0.200620931

<i>TMEM192</i>	0.353201	0.154481	2.286377	0.02223224	0.200620931
<i>ELP6</i>	-0.362182	0.158428	-2.286104	0.022248175	0.200620931
<i>ANAPC7</i>	-0.328574	0.143742	-2.285863	0.022262281	0.200620931
<i>ENSG00000224086</i>	-0.511738	0.223875	-2.285821	0.022264728	0.200620931
<i>RAB14</i>	0.172591	0.075515	2.285523	0.022282195	0.200620931
<i>CCDC69</i>	-0.359428	0.15739	-2.283671	0.022390846	0.200985042
<i>SEMA7A</i>	0.265266	0.116163	2.283557	0.022397574	0.200985042
<i>HES1</i>	0.787996	0.345076	2.283546	0.022398242	0.200985042
<i>RPS6KB2.AS1</i>	-1.036145	0.453761	-2.28346	0.022403259	NA
<i>DNAJA3</i>	0.276691	0.121172	2.283449	0.022403957	0.200985042
<i>ROR1</i>	-1.508746	0.660998	-2.282529	0.022458148	0.201288528
<i>TRMT11</i>	0.363256	0.159262	2.280863	0.022556533	0.201811084
<i>ENSG00000267458</i>	-0.698436	0.306217	-2.280851	0.022557278	0.201811084
<i>NXPE3</i>	-0.535066	0.234747	-2.279328	0.022647561	0.202435617
<i>TSN</i>	-0.187849	0.082435	-2.278763	0.022681187	0.202507585
<i>CRYZL1</i>	-0.263477	0.115636	-2.278504	0.022696581	0.202507585
<i>KLK4</i>	2.292028	1.006234	2.277828	0.022736841	NA
<i>IGHE</i>	-1.034939	0.454354	-2.277823	0.022737099	0.202686171
<i>MBNL1</i>	-0.233556	0.102575	-2.276929	0.022790483	0.202713135
<i>MAST3</i>	0.577398	0.253603	2.276783	0.022799164	0.202713135
<i>BCL7A</i>	-0.569198	0.250005	-2.276742	0.022801639	0.202713135
<i>TTC14</i>	-0.238261	0.104725	-2.275113	0.022899129	0.202900531
<i>RP9</i>	0.399979	0.175812	2.275042	0.022903423	0.202900531
<i>HIP1R</i>	-0.37381	0.164326	-2.274806	0.022917549	0.202900531
<i>SLC9B2</i>	0.570332	0.250783	2.274205	0.022953665	0.202900531
<i>EHD4</i>	-0.292361	0.128562	-2.274081	0.022961088	0.202900531
<i>MYD88</i>	-0.337537	0.148433	-2.274007	0.022965583	0.202900531
<i>GSTO1</i>	0.228665	0.100557	2.273993	0.022966386	0.202900531
<i>FOSL2</i>	0.788304	0.346949	2.272107	0.023080064	0.203722783
<i>EBNA1BP2</i>	0.483369	0.212957	2.269802	0.023219575	0.204771138
<i>AKAP17A</i>	0.242813	0.106993	2.269438	0.023241718	0.204783977
<i>FXYP7</i>	0.828837	0.365568	2.267258	0.023374457	0.205770153
<i>NOC3L</i>	0.205926	0.090876	2.266021	0.023450121	0.205949378
<i>MDM4</i>	-0.193829	0.085539	-2.265983	0.023452452	0.205949378
<i>HIF1A</i>	0.21887	0.096593	2.265903	0.023457313	0.205949378
<i>XRCC1</i>	-0.375908	0.16596	-2.265057	0.023509181	0.206221618
<i>LINC00623</i>	-0.394895	0.174396	-2.264362	0.023551862	0.206412864
<i>ENSG00000268858</i>	-0.861421	0.380443	-2.264257	0.023558338	NA
<i>BACE2</i>	1.561015	0.689556	2.263798	0.023586535	NA
<i>CCNH</i>	0.265573	0.117324	2.263591	0.023599295	0.206645373
<i>ZMAT5</i>	-0.301637	0.133286	-2.263079	0.023630828	0.206738381
<i>AKAP12</i>	-2.061008	0.910778	-2.26291	0.023641258	NA
<i>CHIC2</i>	0.305521	0.135043	2.262391	0.023673283	0.206926677
<i>WDFY1</i>	0.34956	0.154546	2.261844	0.023707039	0.206965742
<i>CDK6</i>	-0.549082	0.242792	-2.261535	0.023726145	0.206965742
<i>KIAA0040</i>	0.352709	0.155976	2.261302	0.023740557	0.206965742
<i>MCM6</i>	0.836724	0.370267	2.259783	0.023834718	0.207577592

<i>APBB1IP</i>	0.436508	0.193189	2.259493	0.023852736	0.207577592
<i>ITPKB</i>	-0.322861	0.142916	-2.259104	0.023876947	0.207605537
<i>OVCH1.AS1</i>	-1.513783	0.670118	-2.258979	0.02388469	NA
<i>ADAM10</i>	-0.2896	0.128216	-2.258681	0.023903226	0.207651397
<i>ENSG00000272335</i>	1.339095	0.592957	2.258334	0.023924814	NA
<i>BBS9</i>	-0.72371	0.320681	-2.256791	0.024021134	0.20849248
<i>LIPT2</i>	-0.877108	0.388686	-2.2566	0.024033107	NA
<i>PPRC1</i>	0.471031	0.2088	2.255894	0.024077289	0.208598628
<i>CEP68</i>	-0.527971	0.234057	-2.255741	0.02408688	0.208598628
<i>CCDC130</i>	0.268828	0.119223	2.254833	0.024143795	0.208598628
<i>PNPT1</i>	0.385747	0.171133	2.254077	0.024191342	0.208598628
<i>SKAP2</i>	0.303963	0.134853	2.254034	0.024194049	0.208598628
<i>S100A11</i>	0.271057	0.12026	2.253923	0.024200989	0.208598628
<i>PHF6</i>	0.464225	0.205976	2.253786	0.024209619	0.208598628
<i>APBB1</i>	0.60904	0.270279	2.253376	0.024235447	0.208598628
<i>MRPS2</i>	0.340367	0.151048	2.253371	0.02423576	0.208598628
<i>BAZ2B</i>	-0.463529	0.20574	-2.252985	0.02426008	0.208598628
<i>FXYD1</i>	0.857365	0.380561	2.2529	0.024265469	0.208598628
<i>MT.ATP8</i>	-0.497061	0.22072	-2.252002	0.024322159	0.208904311
<i>RANBP2</i>	0.334196	0.148445	2.251307	0.024366076	0.209085104
<i>TMC6</i>	-0.318735	0.141615	-2.250721	0.024403189	0.209085104
<i>PITPNA.AS1</i>	-0.404405	0.179692	-2.250544	0.024414409	0.209085104
<i>RBBP8</i>	0.37643	0.16729	2.250164	0.024438549	0.209085104
<i>MANF</i>	0.226393	0.100619	2.25	0.024448956	0.209085104
<i>MAD1L1</i>	0.403781	0.179498	2.249509	0.024480155	0.209170972
<i>UBE2S</i>	0.317481	0.141264	2.24742	0.024613181	0.210125998
<i>GNG7</i>	-0.318255	0.141697	-2.246034	0.024701807	0.210422703
<i>SNAPC1</i>	0.302371	0.134629	2.245954	0.024706936	0.210422703
<i>CDKN2AIP</i>	0.230542	0.102691	2.245014	0.024767225	0.210422703
<i>AHSA1</i>	0.272119	0.121212	2.244979	0.024769494	0.210422703
<i>ENSG00000274422</i>	0.42953	0.191346	2.244784	0.024782025	0.210422703
<i>DOP1B</i>	-0.47116	0.209903	-2.244661	0.024789924	0.210422703
<i>NAT10</i>	0.474598	0.211444	2.244552	0.02479693	0.210422703
<i>HTR3A</i>	-0.949032	0.422982	-2.243671	0.024853576	NA
<i>SLC25A38</i>	0.201028	0.08964	2.242605	0.024922286	0.211305077
<i>R3HDM2</i>	-0.368116	0.164185	-2.242074	0.024956583	0.211393241
<i>PIGQ</i>	-0.455492	0.203183	-2.241782	0.024975451	0.211393241
<i>NET1</i>	1.625391	0.725063	2.241723	0.024979257	NA
<i>SRP68</i>	0.265977	0.118694	2.240871	0.025034441	0.211711277
<i>PSMA6</i>	-0.269392	0.120295	-2.239429	0.025128033	0.21227619
<i>ENSG00000256092</i>	-0.428999	0.191595	-2.239092	0.025149944	0.21227619
<i>ABL1</i>	-0.626343	0.279761	-2.23885	0.025165658	0.21227619
<i>NRP2</i>	-0.454591	0.203085	-2.238422	0.025193522	0.212330062
<i>UAP1L1</i>	0.978226	0.43708	2.238094	0.02521492	NA
<i>MPV17L2</i>	0.385681	0.172384	2.237339	0.025264166	0.212561378
<i>C11orf68</i>	-0.396517	0.177277	-2.236713	0.025305134	0.212561378
<i>SNU13</i>	0.182631	0.081663	2.236393	0.025326019	0.212561378

TRIM4	0.308705	0.138047	2.236229	0.025336792	0.212561378
HILPDA	-0.405234	0.181228	-2.236042	0.025349048	0.212561378
ATP6V1C2	-1.144509	0.511882	-2.235886	0.025359253	NA
ECHS1	-0.194186	0.086852	-2.235827	0.025363132	0.212561378
ARL6IP6	0.205287	0.091832	2.235461	0.025387094	0.212561378
LUCAT1	0.691547	0.309393	2.235171	0.025406112	0.212561378
RNF7	-0.146008	0.065327	-2.235038	0.025414841	0.212561378
GRWD1	0.256998	0.115002	2.234716	0.025435981	0.212561378
GPBP1L1	-0.201619	0.090244	-2.234148	0.025473325	0.21269366
AFF4	0.250708	0.112301	2.232454	0.025584972	0.213445599
KATNAL1	-0.551881	0.247305	-2.231583	0.025642535	0.213678967
TMEM242	-0.313826	0.140661	-2.231079	0.025675908	0.213678967
GXYLT1	0.414175	0.185662	2.230805	0.025694051	0.213678967
NASP	0.204543	0.091693	2.230724	0.025699402	0.213678967
RIOX2	0.402433	0.180468	2.229943	0.025751217	0.213869357
RRP1	0.273363	0.122599	2.229727	0.025765568	0.213869357
DNAJC2	0.250912	0.112617	2.228006	0.025880127	0.214542254
ZNF516	0.809183	0.363211	2.227857	0.025890037	0.214542254
ARHGAP19	-0.993988	0.446428	-2.226539	0.025978081	NA
GLRX3	0.230897	0.103734	2.225865	0.026023212	0.215465224
RHBDD2	-0.235033	0.105644	-2.224769	0.026096732	0.215893135
PTTG1	0.418449	0.188142	2.224108	0.026141149	0.216037931
DCAF16	-0.329282	0.148083	-2.223639	0.026172752	0.216037931
SUZ12	0.239167	0.107562	2.223534	0.026179794	0.216037931
JAML	-1.518141	0.682818	-2.223346	0.026192462	NA
UBR5.AS1	-0.41512	0.186735	-2.223044	0.026212826	0.216130105
MARCHF3	-0.449193	0.202127	-2.222329	0.026261104	0.216347727
DHX30	-0.247802	0.111158	-2.220845	0.026361486	0.216993884
ARHGEF26	-0.50225	0.226209	-2.220288	0.026399236	0.217065202
KYNU	0.677413	0.305177	2.219736	0.026436701	0.217065202
RND1	-0.587313	0.264605	-2.219581	0.026447194	0.217065202
NUDT8	-0.736347	0.331774	-2.219423	0.026457978	0.217065202
ITGA6.AS1	-1.076428	0.485052	-2.219204	0.026472861	NA
SPATA33	-0.369488	0.166504	-2.219096	0.026480224	0.217067578
MARCKSL1	-0.334529	0.150783	-2.218617	0.026512789	0.217074311
RBBP9	-0.454814	0.205043	-2.218141	0.026545213	0.217074311
TMA7	-0.15179	0.068432	-2.218116	0.026546919	0.217074311
MFSD13A	-0.666137	0.300374	-2.217694	0.026575728	0.217130288
GPR157	0.805301	0.363225	2.217084	0.026617344	0.217290723
PFDN2	0.220127	0.099305	2.216669	0.026645689	0.21734264
ZKSCAN1	-0.255832	0.115495	-2.215085	0.026754262	0.218048337
CD84	0.595609	0.26896	2.214485	0.026795417	0.218203866
PLAAT3	-0.879036	0.397118	-2.21354	0.026860431	0.21855327
RPRD1B	0.346731	0.156706	2.212623	0.026923635	0.218887379
ENSG00000236514	1.355805	0.61307	2.2115	0.027001198	NA
SLC35E4	0.67018	0.303122	2.210922	0.027041222	0.219662715
ICAM1	0.371017	0.167948	2.209113	0.027166765	0.220329225

<i>SRI</i>	0.214177	0.096952	2.209098	0.027167846	0.220329225
<i>RIC3</i>	0.590801	0.267573	2.207996	0.027244521	0.220769947
<i>CCDC144A</i>	1.621383	0.734555	2.207301	0.027293031	NA
<i>FKBP8</i>	-0.186224	0.084369	-2.207255	0.027296264	0.220827863
<i>LINC01678</i>	-0.486828	0.220558	-2.207254	0.027296343	0.220827863
<i>RUNX1</i>	-0.296405	0.134362	-2.206017	0.027382787	0.221346058
<i>UXS1</i>	-0.303255	0.137508	-2.205367	0.02742836	0.221533306
<i>STX10</i>	-0.370611	0.168115	-2.204507	0.027488714	0.221641433
<i>DOCK11</i>	-0.318264	0.144394	-2.204129	0.027515279	0.221641433
<i>DKC1</i>	0.3126	0.141829	2.204059	0.027520169	0.221641433
<i>HLA.DQA1</i>	0.492753	0.223583	2.203899	0.027531426	0.221641433
<i>RSU1</i>	-0.321072	0.145725	-2.203273	0.027575493	0.221759209
<i>NT5E</i>	0.877692	0.398404	2.203019	0.027593375	0.221759209
<i>ATP5F1B</i>	0.220339	0.10003	2.202736	0.027613351	0.221759209
<i>ENSG00000256116</i>	-1.296161	0.589735	-2.19787	0.027958378	NA
<i>NAA38</i>	-0.256133	0.116577	-2.19711	0.028012606	0.224680679
<i>PNO1</i>	0.490547	0.223284	2.19697	0.028022585	0.224680679
<i>TMEM50B</i>	-0.395893	0.180253	-2.196322	0.028068938	0.224869955
<i>DUSP16</i>	1.301333	0.592599	2.195976	0.02809366	NA
<i>ENSG00000259038</i>	-0.570205	0.25973	-2.195376	0.028136649	0.22492712
<i>LYST</i>	-0.332156	0.151303	-2.195302	0.028141973	0.22492712
<i>MTG1</i>	-0.373842	0.170294	-2.195269	0.02814433	0.22492712
<i>SNHG15</i>	0.319504	0.145568	2.194875	0.028172575	0.224970987
<i>AMD1</i>	0.261053	0.118956	2.194539	0.028196689	0.224981816
<i>SNRNP40</i>	0.194141	0.088504	2.193576	0.028265908	0.22535223
<i>LYRM2</i>	-0.202502	0.092332	-2.193193	0.028293474	0.225390241
<i>CMTM8</i>	-1.159208	0.528627	-2.192867	0.028316997	NA
<i>ITGAE</i>	-0.255645	0.116617	-2.192184	0.028366234	0.225787911
<i>GBF1</i>	0.460848	0.210321	2.191165	0.028439821	0.226030992
<i>DNPH1</i>	-0.353121	0.161171	-2.190968	0.028454134	0.226030992
<i>TMEM209</i>	-0.433734	0.197978	-2.190813	0.028465364	0.226030992
<i>LY86</i>	-0.376052	0.171708	-2.190067	0.02851941	0.2262784
<i>ATIC</i>	0.423083	0.193233	2.189501	0.028560447	0.226422278
<i>PLCL2</i>	-0.465945	0.213077	-2.186745	0.028761108	0.227794693
<i>TET2</i>	0.325822	0.149016	2.186492	0.028779645	0.227794693
<i>STK33</i>	-1.098065	0.502463	-2.185363	0.028862234	NA
<i>KMO</i>	0.380217	0.174026	2.184821	0.028901999	0.22845423
<i>LPAR5</i>	0.416692	0.19073	2.184723	0.028909189	0.22845423
<i>C17orf99</i>	-0.925237	0.423708	-2.183667	0.028986714	NA
<i>P2RY11</i>	0.668255	0.306187	2.182508	0.02907204	0.229557655
<i>AFTPH</i>	0.192576	0.088249	2.182182	0.029096103	0.229564302
<i>BZW2</i>	0.391993	0.179716	2.181181	0.029170014	0.22996392
<i>LGALS3</i>	0.567566	0.260382	2.17974	0.029276714	0.230289344
<i>IAH1</i>	-0.151116	0.069328	-2.17973	0.029277466	0.230289344
<i>TGS1</i>	0.337502	0.15484	2.17968	0.029281176	0.230289344
<i>HAUS4</i>	-1.024393	0.47029	-2.178217	0.029389878	0.23096052
<i>RUNDC3B</i>	1.907377	0.876085	2.177159	0.029468706	NA

<i>C17orf75</i>	0.770171	0.353845	2.176579	0.029511968	0.231735757
<i>SLC16A1</i>	0.415385	0.190974	2.175093	0.029623182	0.232424422
<i>FAM129C</i>	-0.462288	0.212656	-2.17388	0.029714115	0.232869887
<i>ENSG00000170161</i>	-0.445115	0.204772	-2.173708	0.029727068	0.232869887
<i>PLLP</i>	-1.29517	0.595971	-2.173209	0.029764554	NA
<i>MNAT1</i>	0.431393	0.19851	2.173159	0.029768373	0.233008816
<i>INTS13</i>	0.395343	0.182048	2.171646	0.0298824	0.233600481
<i>ENSG00000258056</i>	0.644702	0.296889	2.171529	0.029891221	0.233600481
<i>BTG3</i>	0.236603	0.108994	2.170785	0.029947433	0.233854913
<i>ZMYM5</i>	0.288818	0.133075	2.170341	0.029981024	0.233932442
<i>UBTD2</i>	0.699621	0.322442	2.169761	0.030024936	0.23409031
<i>AFF3</i>	-0.377304	0.173961	-2.168897	0.030090536	0.234416898
<i>ENSG00000238009</i>	-1.430163	0.659431	-2.168784	0.030099092	NA
<i>NEK6</i>	0.957212	0.441477	2.168204	0.030143143	0.234641817
<i>EZH1</i>	-0.245726	0.113437	-2.166183	0.030297176	0.235655294
<i>UBXN2A</i>	-0.268215	0.123842	-2.165781	0.030327944	0.235709162
<i>CA2</i>	0.394123	0.182023	2.165245	0.030368965	0.235842565
<i>ASB2</i>	0.857734	0.396742	2.161942	0.030622617	0.237505856
<i>ENSG00000263089</i>	0.564757	0.26124	2.161831	0.030631192	0.237505856
<i>NUDT9</i>	0.307236	0.14215	2.161346	0.030668604	0.237507533
<i>METTL2A</i>	0.299058	0.138375	2.161206	0.030679458	0.237507533
<i>ENSG00000265100</i>	-1.213359	0.561497	-2.160934	0.030700454	NA
<i>RPS6KB1</i>	0.281966	0.130501	2.160649	0.030722438	0.237654165
<i>WDR45</i>	-0.190061	0.087995	-2.159906	0.030779948	0.237912876
<i>GLI4</i>	-0.864597	0.400445	-2.159092	0.030843041	0.238075055
<i>CXorf56</i>	-0.529915	0.245443	-2.159014	0.030849094	0.238075055
<i>H3F3A</i>	-0.167041	0.077444	-2.156932	0.03101095	0.239059979
<i>TRIM3</i>	-0.659902	0.305971	-2.156751	0.031025081	0.239059979
<i>RPL39L</i>	0.760094	0.352516	2.156193	0.031068575	0.239208668
<i>MARS2</i>	0.735022	0.341149	2.154551	0.031196973	0.239378298
<i>ADH5</i>	-0.288371	0.133865	-2.15419	0.031225311	0.239378298
<i>DCAF7</i>	0.191894	0.089092	2.153877	0.031249819	0.239378298
<i>ZNF587B</i>	0.582211	0.270366	2.153415	0.031286116	0.239378298
<i>KPNB1</i>	0.160381	0.074479	2.153383	0.031288616	0.239378298
<i>ZBTB21</i>	0.336598	0.156314	2.153338	0.031292158	0.239378298
<i>PUM1</i>	0.339384	0.15761	2.153316	0.031293873	0.239378298
<i>MRPL55</i>	-0.272642	0.126622	-2.153193	0.031303487	0.239378298
<i>MYL6</i>	-0.155426	0.072193	-2.152913	0.031325495	0.239378298
<i>ARHGAP5</i>	0.355533	0.165165	2.152597	0.031350392	0.239378298
<i>BLZF1</i>	0.347341	0.161376	2.152366	0.031368566	0.239378298
<i>RHOT2</i>	-0.223972	0.104066	-2.152205	0.031381173	0.239378298
<i>CD2</i>	-3.331441	1.548248	-2.151748	0.03141719	NA
<i>RPL17</i>	-0.242804	0.112853	-2.151502	0.031436575	0.239613703
<i>ASB8</i>	-0.251178	0.116762	-2.151199	0.031460508	0.239613703
<i>RNF146</i>	0.255696	0.119035	2.148067	0.031708408	0.241150196
<i>RFXANK</i>	-0.265693	0.123691	-2.148034	0.031711031	0.241150196
<i>AEBP1</i>	-0.51387	0.239297	-2.147412	0.031760513	0.241340841

<i>ENSG00000273221</i>	0.457166	0.213137	2.144938	0.031957803	0.242485049
<i>NIPSNAP2</i>	-0.207438	0.096735	-2.144401	0.032000805	0.242485049
<i>SIDT1.AS1</i>	-0.723752	0.33751	-2.144384	0.032002132	0.242485049
<i>FDPS</i>	-0.200057	0.093297	-2.144296	0.032009204	0.242485049
<i>HYLS1</i>	-0.33524	0.156504	-2.142061	0.03218855	0.24365697
<i>POLA2</i>	-0.551953	0.257736	-2.14154	0.032230481	0.243787707
<i>GDI2</i>	0.169113	0.079	2.140656	0.032301816	0.244140484
<i>ENSG00000255135</i>	-0.665127	0.310785	-2.14015	0.032342637	0.244262271
<i>DCAF6</i>	-0.270711	0.126527	-2.13955	0.03239116	0.24433274
<i>PRMT2</i>	-0.216212	0.101061	-2.139423	0.032401398	0.24433274
<i>PM20D2</i>	0.561045	0.262296	2.138977	0.032437491	0.244418472
<i>ENSG00000250616</i>	-1.079588	0.504817	-2.138572	0.032470373	NA
<i>ENSG00000262202</i>	0.669232	0.312977	2.138276	0.032494344	0.244660382
<i>PDCL3</i>	-0.285507	0.13356	-2.137667	0.032543758	0.244845963
<i>DPY19L4</i>	1.212873	0.567893	2.135741	0.032700527	NA
<i>CDKN2D</i>	0.369095	0.172828	2.135623	0.032710185	0.245910942
<i>ZDHHC3</i>	-0.290585	0.136173	-2.133945	0.032847323	0.246616993
<i>INKA1</i>	0.571947	0.268034	2.133863	0.032853993	0.246616993
<i>ENSG00000271895</i>	-1.357098	0.636147	-2.133308	0.032899446	NA
<i>TUBA1C</i>	0.347349	0.162936	2.131817	0.033021933	0.247554483
<i>ZNF17</i>	0.39326	0.184479	2.131731	0.033028967	0.247554483
<i>CCDC138</i>	-0.63308	0.297339	-2.129151	0.033241802	0.248820643
<i>PTP4A1</i>	0.376844	0.177043	2.128548	0.03329171	0.248820643
<i>IWS1</i>	0.243433	0.11438	2.128291	0.033312966	0.248820643
<i>NT5DC3</i>	0.720833	0.338736	2.128008	0.033336447	0.248820643
<i>C19orf48</i>	0.434159	0.204028	2.127938	0.033342201	0.248820643
<i>FUNDC1</i>	-0.444212	0.20876	-2.127857	0.033348913	0.248820643
<i>THRB</i>	1.461888	0.687361	2.126811	0.033435753	NA
<i>TMSB10</i>	-0.221581	0.104212	-2.126255	0.033482018	0.249415253
<i>PHTF2</i>	-0.383778	0.180497	-2.126228	0.033484257	0.249415253
<i>WDR43</i>	0.377304	0.177511	2.125522	0.033543096	0.249415253
<i>CTR9</i>	0.303726	0.142901	2.12543	0.03355073	0.249415253
<i>CCDC82</i>	0.229567	0.10802	2.125218	0.033568464	0.249415253
<i>SYNGR3</i>	1.036381	0.48769	2.125079	0.033579982	0.249415253
<i>LRRC8C</i>	0.567693	0.267221	2.124433	0.033633938	0.249481875
<i>H2AFZ</i>	0.203285	0.095692	2.124368	0.033639423	0.249481875
<i>RAB31</i>	0.854649	0.402483	2.123443	0.033716724	0.249684979
<i>MMD</i>	-0.623475	0.293616	-2.123436	0.033717322	0.249684979
<i>TTC28</i>	-0.757998	0.357288	-2.121531	0.033877167	0.250544936
<i>NAA35</i>	0.364412	0.171775	2.121448	0.033884137	0.250544936
<i>XPNPEP3</i>	-0.381739	0.180005	-2.12071	0.033946204	0.250816271
<i>PCYOX1L</i>	-1.618157	0.763252	-2.120083	0.03399902	NA
<i>ADORA2A.AS1</i>	0.815942	0.384994	2.119364	0.034059696	0.251466879
<i>MT1X</i>	-0.691752	0.326596	-2.118067	0.034169398	0.252088558
<i>ELL3</i>	-1.261002	0.595606	-2.117175	0.034244992	NA
<i>GCLC</i>	0.502537	0.237364	2.117155	0.034246711	0.252211434
<i>KLF13</i>	-0.255664	0.120764	-2.117046	0.034255969	0.252211434

THAP9.AS1	-0.302344	0.14282	-2.116968	0.034262589	0.252211434
ATP5MF	-0.130522	0.061664	-2.116662	0.03428857	0.252214887
EIF2S1	0.272091	0.128593	2.115905	0.034352916	0.252447918
LSM8	-0.132575	0.062663	-2.115688	0.034371323	0.252447918
SGSM3	-0.283764	0.134188	-2.114667	0.034458361	0.252802127
UPF1	0.367735	0.173909	2.114522	0.034470693	0.252802127
PA2G4	0.212031	0.100298	2.113999	0.034515377	0.252942194
RAB40C	-0.529741	0.250747	-2.112653	0.034630453	0.25332361
TMSB4Y	-1.737448	0.822506	-2.112383	0.034653609	NA
POU2AF1	-0.251377	0.119005	-2.112315	0.03465947	0.25332361
PLEKHF1	0.58284	0.275945	2.112158	0.034672934	0.25332361
ENSG00000070423	0.214965	0.101787	2.111909	0.03469425	0.25332361
CCDC112	-0.41366	0.195872	-2.111891	0.034695797	0.25332361
SDHAF1	-0.25617	0.121338	-2.111217	0.034753669	0.25332361
HSF2	0.458244	0.217081	2.11094	0.034777428	0.25332361
STMP1	-0.248632	0.117793	-2.110761	0.034792849	0.25332361
MTMR12	-0.428076	0.202812	-2.110701	0.034798044	0.25332361
ZBTB26	-0.617633	0.29278	-2.109546	0.034897454	0.253545672
CELF1	0.216121	0.102453	2.109468	0.03490418	0.253545672
TRBC2	-0.19133	0.090701	-2.109453	0.034905488	0.253545672
VKORC1L1	0.482584	0.22889	2.108367	0.034999266	0.253854013
TYK2	-0.268946	0.127564	-2.108317	0.03500359	0.253854013
PPP1R10	0.267538	0.126927	2.107805	0.035047829	0.253854013
MRPS26	0.229357	0.108854	2.107021	0.035115799	0.253854013
SDSL	2.136029	1.013772	2.107012	0.035116572	NA
CBLL1	0.263162	0.124925	2.106557	0.035155955	0.253854013
ZNHIT3	0.191115	0.090727	2.106491	0.035161757	0.253854013
MRTFA	-0.386516	0.183498	-2.106383	0.035171075	0.253854013
TACC1	0.274098	0.130147	2.106061	0.035199093	0.253854013
JMY	0.569959	0.270658	2.10583	0.03521915	0.253854013
MRPL47	0.184077	0.087418	2.105713	0.035229284	0.253854013
RPRD1A	-0.2463	0.116968	-2.1057	0.035230397	0.253854013
ZNF704	-1.313527	0.623846	-2.105531	0.035245071	NA
IGLL5	-0.718624	0.341364	-2.105157	0.035277636	0.254009256
GPATCH4	0.296096	0.140714	2.104236	0.035357841	0.254274577
ENSG00000266962	-0.316508	0.150421	-2.104144	0.035365926	0.254274577
CNFN	-0.498149	0.236909	-2.102705	0.035491583	0.254951352
ANKRD37	0.334599	0.15915	2.102408	0.035517584	0.254951352
ZBTB22	-0.569427	0.270875	-2.102181	0.035537423	0.254951352
EIF3J	0.224287	0.106719	2.101659	0.035583176	0.255026177
PPP3CA	-0.235126	0.111899	-2.101238	0.035620111	0.255026177
DDX39A	0.244645	0.116458	2.100715	0.03566595	0.255026177
USP39	0.260361	0.123954	2.100457	0.035688702	0.255026177
ELF4	0.421215	0.200545	2.100354	0.035697732	0.255026177
ABI3	0.605785	0.288428	2.100298	0.035702633	0.255026177
PTPMT1	-0.353258	0.168264	-2.099433	0.035778723	0.255385168
RRP8	0.284861	0.135792	2.097773	0.035925176	0.255900562



<i>ENSG00000259436</i>	-0.426695	0.20341	-2.097716	0.035930268	0.255900562
<i>PTPN9</i>	-0.499903	0.23831	-2.097704	0.03593126	0.255900562
<i>RBM41</i>	0.362569	0.172862	2.097442	0.035954469	0.255900562
<i>ENSG00000227070</i>	-0.963493	0.459513	-2.096769	0.03601402	0.256067104
<i>ILF3</i>	0.174508	0.083246	2.096285	0.036056958	0.256067104
<i>ZNF394</i>	0.231915	0.110655	2.095841	0.036096336	0.256067104
<i>DYNC1LI2</i>	0.318083	0.151772	2.095799	0.036100069	0.256067104
<i>LAMTOR2</i>	-0.262631	0.125349	-2.095197	0.036153511	0.256067104
<i>NFKB1</i>	0.258468	0.123377	2.094939	0.03617644	0.256067104
<i>ZBTB80S</i>	-0.156862	0.074877	-2.094936	0.03617671	0.256067104
<i>ZNF585A</i>	0.536705	0.256204	2.094835	0.036185657	0.256067104
<i>CCT2</i>	0.315041	0.15041	2.09455	0.036210986	0.256067104
<i>DYNLT1</i>	0.264086	0.126123	2.093875	0.036271105	0.256308895
<i>LRIF1</i>	0.286921	0.137152	2.091991	0.036439339	0.257313791
<i>DENND4A</i>	-0.290781	0.139041	-2.091341	0.036497513	0.257382914
<i>AASDHPPT</i>	0.278913	0.133368	2.0913	0.036501198	0.257382914
<i>ENSG00000273271</i>	-1.222557	0.584681	-2.090982	0.036529688	NA
<i>GADD45B</i>	0.278201	0.133069	2.090649	0.036559534	0.257387685
<i>HDAC8</i>	-0.439944	0.21046	-2.090394	0.03658242	0.257387685
<i>TNFAIP8L2</i>	0.522456	0.249937	2.090348	0.036586527	0.257387685
<i>POLB</i>	0.544117	0.260358	2.089875	0.036628995	0.257387685
<i>AKAP8L</i>	0.273338	0.130807	2.089624	0.036651573	0.257387685
<i>SLC25A53</i>	-0.326731	0.156364	-2.089552	0.036658088	0.257387685
<i>PITPNM2</i>	-1.006653	0.481774	-2.089469	0.036665525	NA
<i>PF4</i>	3.99046	1.911254	2.087876	0.036809037	NA
<i>SRSF3</i>	0.140006	0.06706	2.087794	0.036816443	0.258316078
<i>HAUS1</i>	-0.262684	0.125907	-2.086339	0.036947942	0.259054862
<i>RNF149</i>	0.216502	0.103789	2.085987	0.036979794	0.25909443
<i>ARFGAP3</i>	0.176499	0.084628	2.085597	0.037015166	0.259158588
<i>CLNS1A</i>	0.35781	0.171656	2.084465	0.037117857	0.259693653
<i>SYNGR1</i>	1.032011	0.495351	2.083392	0.037215534	0.260192905
<i>EFNA4</i>	0.423789	0.203529	2.082209	0.037323415	0.260762741
<i>NXT1</i>	0.176074	0.084593	2.081423	0.037395228	0.260778355
<i>CIB1</i>	0.166744	0.080122	2.081127	0.037422268	0.260778355
<i>RARA.AS1</i>	-0.529721	0.254542	-2.081074	0.037427169	0.260778355
<i>MAFK</i>	0.478782	0.23007	2.08103	0.037431164	0.260778355
<i>LRMP</i>	0.298334	0.143423	2.080101	0.037516227	0.261186913
<i>ELOB</i>	-0.170842	0.082165	-2.079259	0.037593529	0.261367276
<i>TP53RK</i>	0.28936	0.139187	2.078926	0.037624179	0.261367276
<i>FCGR2B</i>	0.600635	0.288947	2.078701	0.037644805	0.261367276
<i>RNASEK</i>	-0.307572	0.147966	-2.078668	0.037647886	0.261367276
<i>SUSD3</i>	0.733858	0.353137	2.07811	0.037699267	0.26145725
<i>TRAPPC1</i>	-0.14131	0.068004	-2.077952	0.03771374	0.26145725
<i>ENSG00000166927</i>	-0.659751	0.317697	-2.07667	0.037831996	0.262093282
<i>LITAF</i>	0.273098	0.131535	2.076239	0.037871862	0.262185736
<i>NDEL1</i>	0.294826	0.142057	2.0754	0.037949509	0.262361642
<i>RBM7</i>	0.210594	0.101478	2.075264	0.03796208	0.262361642

<i>MICOS10</i>	0.126242	0.060844	2.074845	0.038000936	0.262361642
<i>AGPAT2</i>	-0.26798	0.129158	-2.074818	0.038003426	0.262361642
<i>YTHDF1</i>	0.395035	0.190511	2.073557	0.038120484	0.26292579
<i>TPT1.AS1</i>	-0.28914	0.139459	-2.073299	0.038144435	0.26292579
<i>CD274</i>	1.258626	0.607133	2.073065	0.038166203	NA
<i>ERCC1</i>	0.456646	0.220325	2.072599	0.038209606	0.26292579
<i>SF3A3</i>	0.217368	0.104878	2.072577	0.038211699	0.26292579
<i>ADIPOR2</i>	0.291118	0.140466	2.072508	0.038218123	0.26292579
<i>FAM216A</i>	0.483647	0.233434	2.071876	0.038277045	0.26314803
<i>ENSG00000263531</i>	-0.993429	0.479552	-2.071577	0.038304934	NA
<i>POLR2G</i>	-0.193344	0.093339	-2.071408	0.038320683	0.263264955
<i>PLD6</i>	1.448186	0.699232	2.07111	0.038348538	NA
<i>CWC25</i>	0.19946	0.096327	2.070668	0.038389839	0.26329839
<i>RAB11A</i>	-0.149824	0.072367	-2.070345	0.038420088	0.26329839
<i>LGALS3BP</i>	-2.088372	1.008837	-2.070079	0.038444972	NA
<i>MIR29B2CHG</i>	0.399485	0.193006	2.069805	0.038470589	0.26329839
<i>IKBKB</i>	-0.278738	0.134677	-2.06968	0.038482293	0.26329839
<i>HGS</i>	-0.243697	0.117748	-2.069649	0.038485198	0.26329839
<i>MRTFB</i>	-0.589349	0.284758	-2.069648	0.03848535	0.26329839
<i>CTPS1</i>	0.413225	0.199689	2.069339	0.038514271	0.263314028
<i>QDPR</i>	0.746213	0.360702	2.068778	0.03856696	0.263362109
<i>TRNT1</i>	0.235321	0.113753	2.068696	0.038574584	0.263362109
<i>C11orf98</i>	-0.508485	0.245852	-2.068257	0.038615835	0.263461797
<i>ENSG00000260274</i>	-1.125561	0.54438	-2.067601	0.038677531	NA
<i>IL21R</i>	-0.333394	0.161267	-2.067335	0.038702618	0.263741433
<i>ECE1</i>	-0.316057	0.152887	-2.067255	0.038710178	0.263741433
<i>NOB1</i>	0.269662	0.130493	2.066491	0.038782131	0.263938602
<i>CAPZB</i>	-0.133255	0.06449	-2.066268	0.038803137	0.263938602
<i>G3BP1</i>	0.212739	0.102967	2.066098	0.038819212	0.263938602
<i>SNX2</i>	-0.205286	0.099412	-2.065001	0.03892287	0.26446151
<i>NOL8</i>	0.271769	0.131628	2.064668	0.0389544	0.264493955
<i>SRP54</i>	0.218617	0.105905	2.064281	0.038991087	0.264561352
<i>PALLD</i>	-1.497115	0.725548	-2.063427	0.039072095	NA
<i>KIF5B</i>	0.193042	0.093587	2.062715	0.039139757	0.265387955
<i>PIK3CB</i>	-0.613522	0.29748	-2.062397	0.039169959	0.265396516
<i>RANGRF</i>	-0.256484	0.124378	-2.062137	0.039194711	0.265396516
<i>ZNF43</i>	-0.286593	0.139016	-2.061588	0.039246976	0.265412336
<i>RBM4</i>	-0.226407	0.109824	-2.061548	0.039250742	0.265412336
<i>LINC01535</i>	-2.126877	1.032261	-2.060406	0.039359763	NA
<i>GABARAP</i>	-0.290407	0.140956	-2.060275	0.03937222	0.265951563
<i>PCTP</i>	-0.523009	0.25387	-2.060149	0.03938429	0.265951563
<i>CNKS1R1</i>	1.376373	0.668249	2.059671	0.039430027	NA
<i>SH2D2A</i>	1.18506	0.575609	2.058792	0.039514186	0.26664658
<i>PXMP2</i>	-0.429745	0.208913	-2.057054	0.039681072	0.267590093
<i>NDUFA3</i>	-0.307345	0.149485	-2.056027	0.039779959	0.268074077
<i>FUS</i>	0.15948	0.077591	2.055403	0.039840121	0.268286744
<i>MPC2</i>	-0.212119	0.103214	-2.055137	0.039865793	0.268286744

<i>FAHD2B</i>	-1.119184	0.5451	-2.053171	0.040055974	NA
<i>CFL1</i>	-0.117452	0.057207	-2.053087	0.040064139	0.269438148
<i>DHX33</i>	0.439714	0.21428	2.052056	0.040164201	0.269927457
<i>LAMTOR1</i>	-0.165291	0.080578	-2.051335	0.040234327	0.270215051
<i>ENSG00000077463</i>	-0.219468	0.107028	-2.050554	0.04031039	0.270475321
<i>ENSG00000272221</i>	0.812066	0.396173	2.049776	0.040386285	0.270475321
<i>SLC41A3</i>	-0.356236	0.1738	-2.049695	0.040394245	0.270475321
<i>LGMM</i>	0.383443	0.187093	2.049483	0.040414874	0.270475321
<i>B3GNT2</i>	0.382399	0.1866	2.049298	0.040432956	0.270475321
<i>PREX1</i>	0.497337	0.242692	2.049254	0.040437237	0.270475321
<i>HESX1</i>	-2.001203	0.976604	-2.049145	0.040447957	NA
<i>SACS</i>	0.411861	0.201031	2.04875	0.040486581	0.270524681
<i>ENSG00000130749</i>	-0.277767	0.135587	-2.048619	0.040499345	0.270524681
<i>LSM10</i>	-0.202204	0.098725	-2.048164	0.040543972	0.270639907
<i>NR6A1</i>	-0.486724	0.237718	-2.047483	0.040610696	0.270878667
<i>FEM1C</i>	0.460038	0.224711	2.04724	0.04063454	0.270878667
<i>NSMAF</i>	0.507071	0.24775	2.046706	0.040686949	0.270881224
<i>IFNAR1</i>	-0.166318	0.081263	-2.046656	0.040691914	0.270881224
<i>FCGRT</i>	-0.401164	0.196065	-2.046081	0.040748437	0.270881224
<i>GART</i>	0.301032	0.147129	2.046036	0.040752796	0.270881224
<i>MRPL2</i>	-0.192711	0.094207	-2.045613	0.040794509	0.270881224
<i>SOCS4</i>	0.378165	0.184871	2.045564	0.040799327	0.270881224
<i>LINC02158</i>	-0.964832	0.471747	-2.045231	0.040832072	NA
<i>HIC1</i>	0.756974	0.370353	2.043924	0.040961067	0.271768741
<i>ENSG00000230138</i>	-0.677373	0.331452	-2.043652	0.040987982	0.271768741
<i>MOSPD3</i>	-0.365622	0.17902	-2.042353	0.041116529	0.272438341
<i>TUFT1</i>	0.847785	0.415197	2.041886	0.041162871	0.272562724
<i>SUPT7L</i>	-0.309734	0.151715	-2.041558	0.041195384	0.272595426
<i>ATF4</i>	0.232126	0.113803	2.039715	0.04137875	0.273356143
<i>TCL1A</i>	-0.688422	0.337529	-2.039595	0.041390661	0.273356143
<i>SPAG7</i>	-0.152642	0.074841	-2.039569	0.041393298	0.273356143
<i>ARPC3</i>	-0.120761	0.059232	-2.038801	0.041469917	0.273679304
<i>CCS</i>	-0.253197	0.124246	-2.037869	0.041563058	0.273785188
<i>EXOC2</i>	-0.337752	0.165739	-2.03785	0.041564965	0.273785188
<i>IKZF1</i>	-0.35819	0.175772	-2.037809	0.041569044	0.273785188
<i>MFSD2A</i>	0.658919	0.323526	2.036682	0.041681923	0.274335444
<i>PSMA4</i>	-0.128825	0.06326	-2.036421	0.041708089	0.274335444
<i>ZNF564</i>	-0.534714	0.26265	-2.035844	0.041766007	0.274533737
<i>TFAM</i>	0.244306	0.12003	2.035382	0.041812491	0.274656666
<i>GTF2IRD2B</i>	-0.571457	0.280834	-2.03486	0.041864916	0.274818433
<i>SFI1</i>	-0.303165	0.149019	-2.0344	0.041911312	0.274940431
<i>TBRG4</i>	0.258954	0.127317	2.033928	0.041958901	0.275070087
<i>SPN</i>	-1.161106	0.570936	-2.033688	0.041983087	NA
<i>ENSG00000262580</i>	1.571579	0.772968	2.033175	0.042034799	NA
<i>AHI1</i>	-0.309027	0.152054	-2.032358	0.042117437	0.275926433
<i>SYNGAP1.AS1</i>	1.074637	0.528952	2.031635	0.042190598	NA
<i>PADI4</i>	-1.42105	0.700473	-2.028702	0.042488628	NA

<i>PAQR4</i>	-1.847922	0.911077	-2.028283	0.04253139	NA
<i>PLEC</i>	-0.435024	0.214483	-2.028248	0.042534916	0.278476939
<i>ARFRP1</i>	-0.216381	0.106716	-2.027636	0.04259745	0.278542235
<i>NMB</i>	0.825288	0.407027	2.027599	0.04260124	0.278542235
<i>NAA20</i>	0.149495	0.073745	2.027189	0.042643074	0.27863148
<i>FKBP3</i>	-0.166794	0.082301	-2.02664	0.042699263	0.278811339
<i>KLHDC3</i>	-0.234971	0.11596	-2.026316	0.042732402	0.278811339
<i>PIK3CG</i>	-0.647883	0.31977	-2.026093	0.042755208	0.278811339
<i>NKRF</i>	0.432512	0.213617	2.024711	0.04289709	0.279552166
<i>PFKP</i>	-0.453646	0.224135	-2.023987	0.042971479	0.27972708
<i>C4orf46</i>	-0.457214	0.225936	-2.023645	0.043006648	0.27972708
<i>ZBTB1</i>	0.401665	0.198488	2.023624	0.043008817	0.27972708
<i>CCT6A</i>	0.229614	0.113492	2.023175	0.043055069	0.279843796
<i>MKNK2</i>	-0.33837	0.167289	-2.022672	0.043107018	0.279997357
<i>MAPKAP1</i>	-0.239579	0.118473	-2.022215	0.043154132	0.280016468
<i>SMAD4</i>	0.329805	0.163101	2.022094	0.043166609	0.280016468
<i>TSPYL1</i>	-0.237818	0.117656	-2.021298	0.043248916	0.280366417
<i>EWSR1</i>	0.251324	0.124484	2.018921	0.043495467	0.281779939
<i>NUP35</i>	0.324255	0.160636	2.018571	0.043531781	0.281830507
<i>SLC11A1</i>	2.009457	0.995867	2.017796	0.043612555	NA
<i>NOP14</i>	0.376801	0.186751	2.017668	0.043625835	0.282254585
<i>COL19A1</i>	-0.429471	0.21295	-2.016769	0.043719615	0.282676334
<i>DOCK7</i>	-0.646593	0.320662	-2.016431	0.043754964	0.282718437
<i>TAF2</i>	0.311128	0.154317	2.016159	0.043783323	0.282718437
<i>ENSG00000130811</i>	0.119271	0.059196	2.014841	0.043921363	0.283312042
<i>VAPB</i>	0.260044	0.129088	2.014468	0.043960378	0.283312042
<i>DDX60L</i>	-0.454591	0.225674	-2.014371	0.043970578	0.283312042
<i>MCTS1</i>	0.333683	0.165666	2.014187	0.043989883	0.283312042
<i>CEP89</i>	-0.303305	0.150612	-2.013819	0.044028551	0.283352037
<i>S100PBP</i>	-0.34294	0.170353	-2.013112	0.044102825	0.283352037
<i>STK17A</i>	0.256427	0.127405	2.012696	0.044146598	0.283352037
<i>ENSG00000268713</i>	0.661715	0.328803	2.0125	0.044167214	0.283352037
<i>UBE4B</i>	0.263975	0.131181	2.012292	0.04418912	0.283352037
<i>HSPA1A</i>	1.405214	0.698318	2.012282	0.04419023	0.283352037
<i>CBLN3</i>	-0.778164	0.386719	-2.01222	0.044196727	0.283352037
<i>PRSS21</i>	1.392564	0.692175	2.011868	0.044233819	NA
<i>ZBTB11</i>	0.308675	0.153476	2.011228	0.044301421	0.283644296
<i>ABLIM1</i>	-0.263731	0.131145	-2.010989	0.044326648	0.283644296
<i>DOLPP1</i>	0.728258	0.36217	2.010816	0.044344875	0.283644296
<i>MAP3K12</i>	-0.663104	0.329788	-2.010701	0.044357079	0.283644296
<i>ABC1</i>	0.468912	0.233448	2.008634	0.044576	0.284859947
<i>KLHL5</i>	-0.396431	0.197425	-2.008006	0.044642661	0.284975708
<i>ZNF493</i>	-0.301566	0.150188	-2.00792	0.044651767	0.284975708
<i>MAPKAPK5</i>	0.233694	0.11645	2.00682	0.04476887	0.285538744
<i>C16orf86</i>	-0.916028	0.456608	-2.00616	0.044839153	NA
<i>TMEM183A</i>	-0.172913	0.086203	-2.005892	0.044867799	0.285985207
<i>ZBTB24</i>	-0.251594	0.125473	-2.005164	0.044945563	0.286038783

DAZAP1	-0.319052	0.159116	-2.005149	0.044947123	0.286038783
ACADVL	-0.229658	0.114545	-2.004959	0.044967438	0.286038783
PELI3	-0.879604	0.438785	-2.004635	0.0450021	NA
EBPL	-0.684647	0.341546	-2.004551	0.045011095	0.286038783
TMEM67	-0.500505	0.249702	-2.004412	0.045025988	0.286038783
SECISBP2	0.245747	0.122617	2.004189	0.045049806	0.286038783
CARMIL1	-1.354252	0.675874	-2.003705	0.045101699	0.286083149
SOX5	1.532821	0.765016	2.003645	0.045108089	NA
AGO1	-0.279586	0.139545	-2.003558	0.045117401	0.286083149
GCHFR	-0.329644	0.164558	-2.003205	0.045155295	0.286083149
POMC	-0.497997	0.248642	-2.002864	0.04519191	0.286083149
VAR5	0.466805	0.233102	2.002578	0.045222643	0.286083149
FUBP1	0.267605	0.133635	2.002505	0.045230423	0.286083149
COLEC12	-0.852368	0.425932	-2.001182	0.045372782	NA
LY6E	0.375423	0.187622	2.000959	0.045396802	0.286883279
DTWD1	0.231429	0.115669	2.000791	0.045414964	0.286883279
ABCD1	-0.915219	0.457446	-2.000715	0.045423151	NA
TMEM115	0.210536	0.105251	2.000329	0.045464798	0.287014684
TXNL4B	0.289599	0.144804	1.999941	0.045506679	0.287095743
RBM43	-0.739303	0.369841	-1.998976	0.045610902	0.287569757
ENSG00000274265	-0.359474	0.179885	-1.998355	0.045678141	0.287810136
CD7	-3.958443	1.981178	-1.998024	NA	NA
ATP5F1EP2	-0.328432	0.164478	-1.996812	0.045845617	0.288557208
KPTN	-0.600094	0.300539	-1.996725	0.045855085	0.288557208
GLO1	0.243746	0.122112	1.996091	0.045924025	0.288710651
ZNF226	-0.262834	0.131696	-1.995765	0.045959551	0.288710651
SGO2	-0.4494	0.225185	-1.995695	0.045967081	0.288710651
ENSG00000277825	-1.240192	0.621797	-1.994528	0.046094394	NA
SELENOI	0.521369	0.261445	1.994181	0.046132327	0.289181026
ASH1L.AS1	-0.556324	0.279018	-1.993865	0.046166801	0.289181026
ENSG00000277511	-0.583822	0.292814	-1.993837	0.046169909	0.289181026
ALKBH2	0.446685	0.224037	1.993796	0.046174322	0.289181026
BNIP2	-0.226939	0.11383	-1.993669	0.04618823	0.289181026
PCNX4	0.280813	0.140877	1.993313	0.046227198	0.289241825
GTPBP4	0.367056	0.184218	1.992511	0.046315017	0.289608005
KLHL8	0.411593	0.206643	1.991811	0.046391845	0.289905047
HNRNPD	0.203728	0.102314	1.991198	0.046459145	0.289972299
NUP155	-0.374686	0.188173	-1.991178	0.046461271	0.289972299
TLR1	-0.338097	0.169891	-1.990077	0.046582443	0.290545131
ENSG00000273759	-1.214043	0.610187	-1.989625	0.04663227	NA
IFI35	-0.31581	0.158747	-1.989388	0.046658414	0.290638546
NOL10	0.235213	0.118238	1.989313	0.046666708	0.290638546
CEP128	-0.784995	0.39464	-1.989141	0.046685617	0.290638546
PRPF40B	-0.687368	0.345712	-1.988268	0.046782051	0.290874955
ENSG00000273619	-1.212648	0.609902	-1.988267	0.046782132	NA
SLC17A9	0.668022	0.335982	1.988265	0.046782438	0.290874955
SCML1	0.549742	0.276603	1.987476	0.046869668	0.291061619

<i>MSANTD4</i>	0.334078	0.168093	1.987461	0.046871343	0.291061619
<i>C2orf76</i>	-0.302783	0.152368	-1.987184	0.046902025	0.291069318
<i>ZNF132</i>	1.219827	0.613987	1.986731	0.046952224	NA
<i>DYNLT3</i>	-0.201425	0.101387	-1.986694	0.046956279	0.291223195
<i>IKZF3</i>	0.16951	0.085344	1.9862	0.047011089	0.29138033
<i>TPM1</i>	0.580774	0.292498	1.985565	0.047081643	0.291634787
<i>GGCX</i>	-0.352396	0.17756	-1.98466	0.047182268	0.291959526
<i>WEE1</i>	0.49893	0.251415	1.98449	0.04720121	0.291959526
<i>SNHG10</i>	-0.441687	0.222602	-1.984202	0.047233376	0.291959526
<i>SAMD9</i>	-0.260885	0.131492	-1.984033	0.047252199	0.291959526
<i>CCDC28A</i>	-0.287178	0.144773	-1.983646	0.047295278	0.292043175
<i>SHROOM3</i>	-2.279327	1.149289	-1.98325	0.04733948	NA
<i>CRLF3</i>	0.234174	0.11812	1.982505	0.047422752	0.292504102
<i>MGST2</i>	-1.204259	0.6075	-1.982317	0.047443739	NA
<i>ZNF502</i>	-0.603565	0.304552	-1.981814	0.047500102	0.292504102
<i>GRN</i>	-0.310413	0.156636	-1.981749	0.047507326	0.292504102
<i>DELE1</i>	-0.321433	0.162209	-1.981593	0.047524849	0.292504102
<i>PLEKHB2</i>	0.213172	0.107584	1.981454	0.047540377	0.292504102
<i>FAM200B</i>	-0.328176	0.165646	-1.981193	0.047569689	0.292504102
<i>C11orf71</i>	-0.446279	0.225265	-1.981127	0.047577038	0.292504102
<i>MAP4K5</i>	0.323114	0.163183	1.980076	0.047694996	0.293040121
<i>RPA2</i>	0.146453	0.073973	1.979822	0.047723507	0.293040121
<i>BORCS5</i>	0.40652	0.205405	1.979115	0.047803008	0.293346084
<i>C1orf109</i>	0.302175	0.152732	1.978467	0.047876029	0.293611923
<i>POLR3F</i>	0.368517	0.18631	1.977971	0.047931993	0.293772895
<i>PLEKHG2</i>	0.872735	0.441437	1.977031	0.048038087	0.294240725
<i>CCT4</i>	0.20185	0.102123	1.976546	0.04809298	0.294394553
<i>AP1S1</i>	-0.289188	0.146365	-1.975797	0.048177785	0.294628952
<i>UBE2T</i>	0.563556	0.285246	1.975681	0.048190877	0.294628952
<i>LINC01597</i>	-1.192254	0.603574	-1.975323	0.048231529	NA
<i>UQCRB</i>	-0.120694	0.061112	-1.974965	0.048272094	0.294836402
<i>HLA.F</i>	-0.250229	0.126707	-1.974856	0.048284456	0.294836402
<i>LCMT1.AS1</i>	1.481025	0.750222	1.974116	0.048368547	NA
<i>C1orf112</i>	-0.763788	0.386903	-1.97411	0.048369258	0.295162932
<i>U2AF1L4</i>	-0.263336	0.133412	-1.97386	0.048397644	0.295162932
<i>KCMF1</i>	0.315641	0.159992	1.972859	0.048511609	0.295675564
<i>ENSG00000236935</i>	0.899521	0.456305	1.971317	0.048687621	0.296461654
<i>HNRNPF</i>	0.228374	0.115869	1.970965	0.048727833	0.296461654
<i>MGAT1</i>	0.19165	0.097238	1.970942	0.048730547	0.296461654
<i>IL2RA</i>	-0.456854	0.231984	-1.969332	0.048914985	0.297312802
<i>METTL15</i>	-0.288796	0.146689	-1.968761	0.048980516	0.297312802
<i>MRPL34</i>	-0.22649	0.115047	-1.968683	0.048989562	0.297312802
<i>RSRP1</i>	0.264484	0.134347	1.968672	0.04899075	0.297312802
<i>PLCE1</i>	-0.282948	0.143832	-1.967205	0.049159569	0.297988604
<i>RPP38</i>	0.202456	0.102917	1.967181	0.049162393	0.297988604
<i>ENSG00000231609</i>	-1.015367	0.516528	-1.965753	0.049327114	NA
<i>CD247</i>	-2.32587	1.183413	-1.965392	0.049368863	NA

<i>HTATIP2</i>	0.224313	0.114136	1.96532	0.049377247	0.299107515
<i>RASSF5</i>	-0.195172	0.099325	-1.964979	0.049416665	0.299121516
<i>KIF16B</i>	-0.553866	0.281908	-1.964705	0.049448375	0.299121516
<i>RSBN1</i>	0.22981	0.116982	1.964491	0.049473175	0.299121516
<i>CFAP54</i>	1.699606	0.86528	1.964226	0.04950389	NA
<i>YPEL3</i>	-0.250508	0.127541	-1.964144	0.049513389	0.299121516
<i>KATNA1</i>	0.269825	0.137386	1.963994	0.049530844	0.299121516
<i>POLR1C</i>	0.331428	0.168829	1.963093	0.049635381	0.299569828
<i>ENSG00000268400</i>	-0.967054	0.492741	-1.962602	0.049692476	0.299731432
<i>MNDA</i>	1.736916	0.885673	1.961127	0.049864212	NA
<i>ENSG00000230555</i>	-1.026782	0.523691	-1.960663	0.04991832	NA

<b>Cluster 10</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>LEF1</i>	-3.277376	0.470469	-6.966191	3.26E-12	3.54E-08
<i>SMIM10</i>	-2.838875	0.413627	-6.863377	6.73E-12	3.66E-08
<i>POU2F2</i>	0.4511	0.071072	6.347059	2.19E-10	6.77E-07
<i>SESN3</i>	0.564108	0.089628	6.293883	3.10E-10	6.77E-07
<i>TMEM123</i>	-0.644281	0.102377	-6.293245	3.11E-10	6.77E-07
<i>CST7</i>	-4.156998	0.664327	-6.257454	3.91E-10	7.10E-07
<i>ACAP1</i>	0.563093	0.091739	6.138009	8.36E-10	1.06E-06
<i>MIF</i>	-0.612702	0.099896	-6.133411	8.60E-10	1.06E-06
<i>ARL4C</i>	-1.322753	0.215755	-6.130801	8.74E-10	1.06E-06
<i>DNAJB1</i>	0.8305	0.139241	5.964473	2.45E-09	2.67E-06
<i>BIN1</i>	0.599304	0.105109	5.701719	1.19E-08	1.17E-05
<i>KLK4</i>	2.735244	0.481551	5.680067	1.35E-08	1.22E-05
<i>RAB31</i>	1.79837	0.322444	5.577306	2.44E-08	2.05E-05
<i>FAM102A</i>	1.04648	0.190936	5.480778	4.23E-08	3.08E-05
<i>MACROD2</i>	-0.983326	0.179427	-5.480355	4.24E-08	3.08E-05
<i>KRCC1</i>	0.473217	0.08688	5.446771	5.13E-08	3.20E-05
<i>ATP6V1C2</i>	-1.827083	0.33565	-5.443419	5.23E-08	3.20E-05
<i>CDC42EP3</i>	1.038097	0.19078	5.441325	5.29E-08	3.20E-05
<i>FCRL4</i>	1.588379	0.293878	5.404894	6.48E-08	3.71E-05
<i>APBB2</i>	-1.928416	0.363193	-5.30962	1.10E-07	5.70E-05
<i>GATD3</i>	4.160742	0.783649	5.309447	1.10E-07	5.70E-05
<i>SLC50A1</i>	-0.565696	0.110325	-5.127539	2.94E-07	0.000143736
<i>ZNF322</i>	0.846105	0.165219	5.12111	3.04E-07	0.000143736
<i>HHIP.AS1</i>	-3.065624	0.600415	-5.105843	3.29E-07	0.000149348
<i>PCIF1</i>	-0.608118	0.119519	-5.088036	3.62E-07	0.000157509
<i>HOMER2</i>	-1.276196	0.252408	-5.056087	4.28E-07	0.000177221
<i>CIRBP</i>	-0.344716	0.068325	-5.045268	4.53E-07	0.000177221
<i>SRGN</i>	-0.574961	0.114095	-5.039311	4.67E-07	0.000177221
<i>ENSG00000272211</i>	-1.017528	0.202	-5.037278	4.72E-07	0.000177221
<i>RSRP1</i>	0.501517	0.099776	5.026419	5.00E-07	0.000181299
<i>FTL</i>	0.359395	0.072357	4.966944	6.80E-07	0.000238803
<i>SCRN1</i>	1.270594	0.25674	4.94895	7.46E-07	0.000253784
<i>MRPL54</i>	-0.427416	0.087079	-4.908344	9.18E-07	0.000302933
<i>SWAP70</i>	0.299062	0.061665	4.849815	1.24E-06	0.000395591
<i>ADA</i>	-0.64187	0.134141	-4.785045	1.71E-06	0.000531602
<i>TTC32</i>	-0.83229	0.177982	-4.676253	2.92E-06	0.00086433
<i>PHF23</i>	0.502801	0.107549	4.675088	2.94E-06	0.00086433
<i>RUBCNL</i>	-0.513987	0.110385	-4.656326	3.22E-06	0.000921994
<i>GART</i>	-0.489767	0.105712	-4.633011	3.60E-06	0.001005753
<i>LPIN1</i>	0.611573	0.132172	4.627105	3.71E-06	0.00100898
<i>CBFA2T3</i>	1.217315	0.264884	4.595652	4.31E-06	0.001145202
<i>LDHA</i>	-0.410841	0.089721	-4.579085	4.67E-06	0.001185692
<i>TMEM170A</i>	0.454331	0.099288	4.575866	4.74E-06	0.001185692
<i>CCDC191</i>	-1.220477	0.267116	-4.569091	4.90E-06	0.001185692
<i>TNFRSF13B</i>	1.421134	0.311057	4.56873	4.91E-06	0.001185692
<i>HMOX1</i>	1.113125	0.244073	4.560632	5.10E-06	0.001185692



<i>NCBP3</i>	0.81316	0.178464	4.556426	5.20E-06	0.001185692
<i>BHLHE41</i>	1.787357	0.392362	4.555381	5.23E-06	0.001185692
<i>SYNGR2</i>	-0.401018	0.088213	-4.546019	5.47E-06	0.001214343
<i>CRK</i>	0.552476	0.121901	4.532191	5.84E-06	0.001270709
<i>SERTAD3</i>	0.604573	0.134151	4.506662	6.59E-06	0.00140543
<i>RCC1</i>	0.441141	0.097979	4.502409	6.72E-06	0.001406286
<i>CAV1</i>	-0.758524	0.168976	-4.488943	7.16E-06	0.001469902
<i>KIAA0040</i>	0.633006	0.143127	4.422684	9.75E-06	0.001916346
<i>APAF1</i>	1.126218	0.254767	4.420581	9.84E-06	0.001916346
<i>DEDD2</i>	0.468402	0.105992	4.419223	9.91E-06	0.001916346
<i>DBI</i>	-0.360214	0.081629	-4.412792	1.02E-05	0.001916346
<i>ID3</i>	0.396926	0.089952	4.412634	1.02E-05	0.001916346
<i>ABRACL</i>	-0.497587	0.113155	-4.397384	1.10E-05	0.002013896
<i>NAB2</i>	0.627813	0.142863	4.394516	1.11E-05	0.002013896
<i>PLGRKT</i>	-0.586997	0.133919	-4.383226	1.17E-05	0.002070129
<i>JMJD6</i>	0.589244	0.134488	4.381392	1.18E-05	0.002070129
<i>PARK7</i>	-0.25979	0.059791	-4.344949	1.39E-05	0.002398771
<i>GID8</i>	-0.354723	0.081692	-4.342217	1.41E-05	0.002398771
<i>IL27RA</i>	0.592806	0.136702	4.336498	1.45E-05	0.002424136
<i>CHCHD5</i>	-0.406058	0.093832	-4.327499	1.51E-05	0.00245418
<i>KCTD7</i>	0.959004	0.221627	4.327115	1.51E-05	0.00245418
<i>ENSG00000253701</i>	1.078406	0.249945	4.314579	1.60E-05	0.002559455
<i>MAML3</i>	-1.585732	0.370282	-4.282496	1.85E-05	0.002915146
<i>MIR29B2CHG</i>	0.656564	0.153586	4.274897	1.91E-05	0.002973288
<i>RNF43</i>	-1.124725	0.264223	-4.256729	2.07E-05	0.003179959
<i>HIP1R</i>	-0.451171	0.106575	-4.23337	2.30E-05	0.003480084
<i>MT1X</i>	-0.733507	0.173469	-4.228454	2.35E-05	0.003508269
<i>MAP3K8</i>	-0.574588	0.136166	-4.21976	2.45E-05	0.003539832
<i>HPRT1</i>	-0.363316	0.086108	-4.2193	2.45E-05	0.003539832
<i>H1FX</i>	-1.31288	0.311304	-4.217362	2.47E-05	0.003539832
<i>KRTCAP2</i>	-0.301749	0.071689	-4.209137	2.56E-05	0.003579605
<i>LMBRD1</i>	-0.392894	0.093347	-4.208975	2.57E-05	0.003579605
<i>ADI1</i>	-0.357616	0.085524	-4.181494	2.90E-05	0.003989874
<i>GLUL</i>	-0.596497	0.143014	-4.170889	3.03E-05	0.004127944
<i>IL21R</i>	-0.751451	0.180553	-4.161935	3.16E-05	0.004212585
<i>SUSD3</i>	0.881508	0.211869	4.160626	3.17E-05	0.004212585
<i>SNHG9</i>	-0.419864	0.101178	-4.149768	3.33E-05	0.004277747
<i>SIAH2</i>	-0.571151	0.137719	-4.14723	3.37E-05	0.004277747
<i>CFAP73</i>	-1.173217	0.283068	-4.144647	3.40E-05	0.004277747
<i>TMEM120A</i>	-0.642795	0.155276	-4.139697	3.48E-05	0.004277747
<i>CHMP6</i>	-0.48437	0.117006	-4.139686	3.48E-05	0.004277747
<i>ASPSCR1</i>	-0.457915	0.110651	-4.13838	3.50E-05	0.004277747
<i>ENSG00000226571</i>	1.310699	0.31672	4.13836	3.50E-05	0.004277747
<i>FIS1</i>	-0.321783	0.078016	-4.124578	3.71E-05	0.004440432
<i>ASF1A</i>	0.528484	0.128161	4.123595	3.73E-05	0.004440432
<i>ARID5A</i>	-0.533026	0.129347	-4.120906	3.77E-05	0.004440432
<i>WASHC2C</i>	0.603819	0.14657	4.119668	3.79E-05	0.004440432

<i>FCGR2B</i>	1.048985	0.25579	4.100957	4.11E-05	0.00476401
<i>STX7</i>	0.340396	0.083491	4.077064	4.56E-05	0.005225232
<i>LACC1</i>	-1.428536	0.350698	-4.073403	4.63E-05	0.005252788
<i>CD5</i>	-2.145451	0.528118	-4.062445	4.86E-05	0.005410952
<i>RNF34</i>	0.513099	0.126327	4.061682	4.87E-05	0.005410952
<i>DUS4L</i>	-0.699471	0.173469	-4.032244	5.52E-05	0.006073805
<i>GALNT2</i>	-0.727716	0.180724	-4.02668	5.66E-05	0.006157082
<i>SP110</i>	0.41821	0.104009	4.020908	5.80E-05	0.006229706
<i>TOB2</i>	0.401639	0.099929	4.019257	5.84E-05	0.006229706
<i>LCN8</i>	4.124227	1.027611	4.013411	5.98E-05	0.006324082
<i>NINJ1</i>	-0.642947	0.160316	-4.010508	6.06E-05	0.006340799
<i>GBGT1</i>	0.844982	0.212169	3.982598	6.82E-05	0.007065908
<i>ENSG00000283013</i>	-0.686143	0.173259	-3.960222	7.49E-05	0.00766786
<i>EIF2AK2</i>	0.398931	0.100775	3.958626	7.54E-05	0.00766786
<i>DDAH2</i>	0.563955	0.143222	3.937636	8.23E-05	0.008292817
<i>GRHR</i>	-0.517961	0.131772	-3.930745	8.47E-05	0.008455868
<i>TIMM10</i>	-0.521002	0.132812	-3.922841	8.75E-05	0.00861942
<i>TPP1</i>	0.373897	0.095339	3.921759	8.79E-05	0.00861942
<i>ATF2</i>	0.597069	0.152735	3.909192	9.26E-05	0.008999243
<i>MED21</i>	0.507331	0.130924	3.874996	0.00010663	0.010270095
<i>ENSG00000273319</i>	0.723996	0.187195	3.867594	0.00010991	0.010493919
<i>LINC00638</i>	2.615354	0.677791	3.858646	0.00011402	NA
<i>EIF4A2</i>	0.172071	0.044775	3.843006	0.00012154	0.011410479
<i>PPP1R18</i>	0.352145	0.091636	3.842855	0.00012161	0.011410479
<i>ATP1B3</i>	-0.362639	0.094586	-3.833941	0.00012611	0.011731121
<i>WDFY1</i>	0.571664	0.149572	3.822012	0.00013237	0.01220922
<i>LRIF1</i>	0.55601	0.145769	3.814312	0.00013656	0.012389798
<i>MX2</i>	1.128416	0.295843	3.814241	0.0001366	0.012389798
<i>CYB5R3</i>	0.376574	0.098913	3.807101	0.00014061	0.01264753
<i>ARL17A</i>	-0.507676	0.13344	-3.804526	0.00014208	0.012675022
<i>CDCA4</i>	0.473937	0.124731	3.799662	0.00014489	0.012821316
<i>RPL8</i>	0.222603	0.05868	3.793478	0.00014855	0.013039018
<i>CYB5A</i>	-0.441237	0.116508	-3.787192	0.00015236	0.013266257
<i>MRPL23</i>	-0.310776	0.082139	-3.783528	0.00015462	0.013356279
<i>NME1</i>	-0.297206	0.078669	-3.777931	0.00015814	0.013552427
<i>SRP14.AS1</i>	0.64525	0.171287	3.767078	0.00016517	0.013969781
<i>ZNRD2</i>	-0.339556	0.090152	-3.766468	0.00016557	0.013969781
<i>GCSH</i>	-0.455329	0.121068	-3.760919	0.00016929	0.014173523
<i>STRAP</i>	-0.276573	0.073596	-3.757989	0.00017128	0.014202314
<i>TGOLN2</i>	0.307672	0.081905	3.756453	0.00017234	0.014202314
<i>CPM</i>	-1.184342	0.315429	-3.7547	0.00017355	0.014202314
<i>SERP2</i>	-1.646412	0.439616	-3.745113	0.00018031	0.0146457
<i>DOCK8</i>	0.335985	0.08981	3.741086	0.00018323	0.014772158
<i>ORAI2</i>	0.28864	0.077262	3.735874	0.00018706	0.014880448
<i>HIST1H4C</i>	0.278735	0.074617	3.735551	0.0001873	0.014880448
<i>PIP5K1B</i>	-0.735708	0.19707	-3.733231	0.00018904	0.014909403
<i>CHORDC1</i>	0.414949	0.111266	3.729355	0.00019197	0.014950666

<i>SGPP1</i>	1.006149	0.269824	3.728911	0.00019231	0.014950666
<i>ZNF217</i>	0.538212	0.144879	3.714909	0.00020328	0.015691236
<i>IMPACT</i>	-0.596928	0.161575	-3.694435	0.00022038	0.016723228
<i>HMCES</i>	-0.895007	0.242267	-3.694293	0.0002205	0.016723228
<i>BCAT1</i>	-0.751113	0.203365	-3.693423	0.00022126	0.016723228
<i>ZBTB20</i>	0.45887	0.124583	3.683253	0.00023028	0.017285
<i>ELOB</i>	-0.171579	0.04661	-3.681157	0.00023218	0.01730842
<i>OSBPL8</i>	0.366561	0.099728	3.675599	0.00023729	0.017569304
<i>SPDL1</i>	0.719033	0.196592	3.657483	0.0002547	0.018731067
<i>NAGK</i>	0.41231	0.11284	3.653938	0.00025825	0.018864304
<i>PIGQ</i>	-0.574912	0.158039	-3.637793	0.00027498	0.01995284
<i>HLA.A</i>	-0.487569	0.13451	-3.624786	0.0002892	0.020845414
<i>SRPK1</i>	-0.328468	0.09082	-3.616686	0.0002984	0.021366967
<i>SNX8</i>	-0.446884	0.123711	-3.612317	0.00030347	0.021588277
<i>TCF4</i>	0.539482	0.149453	3.609699	0.00030655	0.021665686
<i>PDE7B</i>	-1.258658	0.349355	-3.602808	0.0003148	0.021875174
<i>SERPINB6</i>	0.691573	0.191977	3.602371	0.00031533	0.021875174
<i>ARF5</i>	-0.376263	0.104454	-3.602191	0.00031555	0.021875174
<i>NFKBIA</i>	-0.399197	0.111018	-3.595777	0.00032343	0.022279456
<i>LILRB1</i>	0.569778	0.158618	3.592144	0.00032797	0.022445818
<i>MLST8</i>	-0.405681	0.112985	-3.590563	0.00032996	0.022445818
<i>NTHL1</i>	-0.46736	0.13037	-3.584868	0.00033725	0.022798878
<i>XXYL1.AS2</i>	1.671067	0.466732	3.580359	0.00034312	0.023052748
<i>RDX</i>	0.507969	0.142349	3.568466	0.00035908	0.023976644
<i>PRCP</i>	-0.475806	0.133711	-3.558462	0.00037303	0.024756644
<i>PHGDH</i>	-1.138611	0.320125	-3.556773	0.00037544	0.024765287
<i>RUVBL2</i>	-0.357687	0.101009	-3.541153	0.00039838	0.026120408
<i>ENSG00000279483</i>	-0.37212	0.105171	-3.538237	0.00040281	0.026252489
<i>PMS2</i>	-0.496263	0.140516	-3.531733	0.00041285	0.026596437
<i>NDUFB10</i>	-0.276813	0.078381	-3.531652	0.00041297	0.026596437
<i>CLCF1</i>	0.552388	0.156611	3.527139	0.00042008	0.026894775
<i>RGS19</i>	0.367913	0.104401	3.52403	0.00042504	0.027053211
<i>SOX4</i>	-0.844678	0.240823	-3.507457	0.00045241	0.028465332
<i>DAZAP1</i>	-0.393787	0.112277	-3.507279	0.00045272	0.028465332
<i>SKAP2</i>	0.337699	0.096338	3.505351	0.00045601	0.028465332
<i>POLR2I</i>	-0.282294	0.080555	-3.504373	0.00045768	0.028465332
<i>WDR11</i>	-0.366921	0.104836	-3.499941	0.00046536	0.028778341
<i>SSPN</i>	2.104394	0.60192	3.496138	0.00047205	0.029026752
<i>MRPL44</i>	0.406948	0.116504	3.492992	0.00047764	0.029205869
<i>LINC02245</i>	-0.648651	0.186277	-3.482182	0.00049735	0.030082548
<i>LRWD1</i>	0.636316	0.182739	3.482095	0.00049751	0.030082548
<i>CD53</i>	0.267677	0.076965	3.477892	0.00050537	0.030389463
<i>CARMIL1</i>	-1.613174	0.464413	-3.473574	0.00051358	0.030712923
<i>PAM</i>	-1.173035	0.33791	-3.471438	0.00051768	0.030789153
<i>ENSG00000263394</i>	1.324308	0.382038	3.466428	0.00052742	0.031198237
<i>ADAMTS6</i>	1.001567	0.28911	3.464315	0.00053158	0.031274391
<i>ZC3H6</i>	0.695359	0.200941	3.460506	0.00053916	0.031431822

<i>SNAPC1</i>	0.542533	0.156798	3.46007	0.00054004	0.031431822
<i>IKZF3</i>	0.283912	0.082131	3.456808	0.00054662	0.031645515
<i>HDDC2</i>	-0.27251	0.078931	-3.452498	0.00055542	0.031985264
<i>TUNAR</i>	-2.844977	0.824074	-3.452331	0.00055577	NA
<i>KLHL6</i>	0.59585	0.172759	3.449024	0.00056262	0.032158821
<i>LGALS1</i>	1.081508	0.313724	3.447325	0.00056617	0.032158821
<i>NRP2</i>	-0.882205	0.25595	-3.446785	0.0005673	0.032158821
<i>TNFRSF12A</i>	1.229474	0.357137	3.442579	0.0005762	0.032422967
<i>ARRDC3</i>	-0.398424	0.115761	-3.441772	0.00057792	0.032422967
<i>PALLD</i>	-2.006014	0.582944	-3.441179	0.00057919	NA
<i>PDGFA</i>	1.164959	0.340099	3.425353	0.000614	0.034270724
<i>UCP2</i>	-0.380483	0.111185	-3.422052	0.0006215	0.034512471
<i>METRNL</i>	1.146097	0.33545	3.416594	0.0006341	0.035033308
<i>ACADVL</i>	-0.260936	0.076431	-3.413995	0.00064018	0.035190361
<i>MIR22HG</i>	0.82831	0.242999	3.408693	0.00065275	0.035701158
<i>ZBTB16</i>	2.984238	0.876424	3.405018	0.0006616	NA
<i>UBE2E3</i>	-0.29012	0.085287	-3.401702	0.00066968	0.036189787
<i>BOLA2B</i>	-0.550829	0.161954	-3.401143	0.00067105	0.036189787
<i>CKS2</i>	0.384342	0.113012	3.400894	0.00067166	0.036189787
<i>MYO1F</i>	0.721188	0.212621	3.391896	0.00069411	0.037215075
<i>PNPLA8</i>	0.41256	0.121725	3.389274	0.00070078	0.037388715
<i>RBM18</i>	0.426689	0.125995	3.386546	0.00070779	0.0375782
<i>TCL1B</i>	-1.454291	0.430222	-3.380326	0.000724	0.038252431
<i>CLEC2D</i>	-0.367385	0.108847	-3.375242	0.00073751	0.038449568
<i>MME</i>	-2.427719	0.719397	-3.37466	0.00073907	0.038449568
<i>ENSG00000273748</i>	-0.970034	0.287806	-3.370443	0.00075047	0.038449568
<i>ENSG00000271133</i>	-1.172809	0.347985	-3.370291	0.00075089	0.038449568
<i>RASSF1</i>	0.433225	0.128557	3.369913	0.00075192	0.038449568
<i>HIKESHI</i>	-0.300314	0.089118	-3.369828	0.00075215	0.038449568
<i>GIT2</i>	0.292208	0.086716	3.369715	0.00075246	0.038449568
<i>POLE3</i>	-0.325387	0.096655	-3.366495	0.0007613	0.038719584
<i>MED31</i>	0.485503	0.144505	3.359761	0.0007801	0.039340533
<i>DYNLT1</i>	0.366542	0.109127	3.358856	0.00078266	0.039340533
<i>RANBP1</i>	-0.384017	0.11435	-3.358258	0.00078435	0.039340533
<i>BLVRB</i>	0.601073	0.179239	3.353475	0.00079804	0.039843198
<i>B3GNT2</i>	0.636379	0.18996	3.350069	0.00080791	0.040152238
<i>PHKG1</i>	-0.510924	0.152745	-3.344948	0.00082298	0.04071511
<i>ABI1</i>	0.281673	0.084272	3.342406	0.00083056	0.040903934
<i>CD180</i>	0.688933	0.206233	3.340556	0.00083611	0.040991837
<i>TTYH3</i>	-0.762129	0.228448	-3.33612	0.00084957	0.041408734
<i>MAN1B1</i>	0.496102	0.148754	3.335053	0.00085283	0.041408734
<i>TSPAN18</i>	1.658886	0.497605	3.333738	0.00085687	0.041408734
<i>VANGL2</i>	-2.408766	0.72262	-3.333377	0.00085799	NA
<i>CLDN15</i>	0.603652	0.181126	3.33278	0.00085983	0.041408734
<i>AEBP1</i>	-0.773865	0.232792	-3.324276	0.00088648	0.04242464
<i>TSEN15</i>	-0.393745	0.11847	-3.323574	0.00088872	0.04242464
<i>PFKL</i>	-0.329829	0.099313	-3.321126	0.00089655	0.042552718

<i>LMO4</i>	0.628586	0.18935	3.319706	0.00090112	0.042552718
<i>GINM1</i>	0.382032	0.115102	3.319084	0.00090313	0.042552718
<i>ENSG00000170161</i>	-0.590855	0.178117	-3.317223	0.00090917	0.042652669
<i>IFI30</i>	0.489469	0.147711	3.313682	0.00092076	0.043010955
<i>TSN</i>	-0.314937	0.095091	-3.311965	0.00092643	0.04309094
<i>ADRB2</i>	1.444305	0.436454	3.30918	0.0009357	0.043336653
<i>CREBRF</i>	0.428199	0.129588	3.304317	0.00095208	0.043908671
<i>PAQR8</i>	0.965309	0.292722	3.297704	0.00097479	0.044766182
<i>FLCN</i>	0.515815	0.156663	3.292513	0.00099296	0.045409284
<i>UBE2J2</i>	-0.279344	0.084905	-3.29007	0.00100162	0.045613699
<i>ENSG00000228463</i>	0.588979	0.179232	3.286123	0.00101577	0.046064998
<i>MRPL40</i>	-0.286567	0.087246	-3.284598	0.00102128	0.046122867
<i>ENSG00000244459</i>	0.916276	0.279618	3.276889	0.00104958	0.047204926
<i>PPM1K</i>	0.36092	0.110531	3.265319	0.00109341	0.048605485
<i>IDH1</i>	0.371797	0.113886	3.264642	0.00109603	0.048605485
<i>TMEM273</i>	1.328272	0.406976	3.263762	0.00109944	0.048605485
<i>AIM2</i>	1.829987	0.560822	3.263044	0.00110223	0.048605485
<i>ATM</i>	0.265042	0.081242	3.262391	0.00110477	0.048605485
<i>PTPMT1</i>	-0.332222	0.101856	-3.261687	0.00110751	0.048605485
<i>GCFC2</i>	-0.419894	0.128798	-3.260106	0.0011137	0.048680951
<i>ZNF580</i>	-0.329866	0.101218	-3.258964	0.0011182	0.048681818
<i>ANAPC15</i>	-0.32864	0.100949	-3.255513	0.00113188	0.049001128
<i>ARL4D</i>	1.222175	0.375494	3.254847	0.00113454	0.049001128
<i>SPINT2</i>	-0.333962	0.102747	-3.250333	0.0011527	0.049588817
<i>RALGPS2</i>	0.340866	0.104958	3.247634	0.00116369	0.0498645
<i>IGHG3</i>	1.294635	0.399006	3.244648	0.00117596	0.050192756
<i>ZNF506</i>	0.531242	0.163899	3.241284	0.00118993	0.05059045
<i>DDB2</i>	-0.357473	0.110355	-3.239301	0.00119823	0.050620779
<i>CXCR5</i>	0.303144	0.093595	3.238894	0.00119994	0.050620779
<i>LRRC61</i>	-0.823771	0.254506	-3.236751	0.00120899	0.050770718
<i>HCST</i>	0.647922	0.20029	3.234917	0.00121678	0.050770718
<i>NHP2</i>	-0.219483	0.067852	-3.234751	0.00121749	0.050770718
<i>TERF2IP</i>	0.305621	0.094535	3.232888	0.00122546	0.050889493
<i>GAPT</i>	0.353617	0.109415	3.231903	0.00122969	0.050889493
<i>FKBP11</i>	-0.345394	0.107002	-3.22792	0.00124694	0.051407894
<i>TBXAS1</i>	1.475507	0.458056	3.221238	0.00127638	0.052423073
<i>PEMT</i>	-0.558684	0.173535	-3.219437	0.00128443	0.052555225
<i>TSEN2</i>	-0.54239	0.168845	-3.212354	0.00131652	0.053666745
<i>TSC22D4</i>	0.288565	0.089883	3.210458	0.00132523	0.053820342
<i>TOP2B</i>	-0.326787	0.102057	-3.202018	0.00136468	0.055216454
<i>GLS</i>	0.352735	0.11037	3.195945	0.00139373	0.056182983
<i>CAPG</i>	0.629508	0.197314	3.190387	0.00142082	0.0569359
<i>NAALADL1</i>	0.538607	0.168844	3.18997	0.00142287	0.0569359
<i>IKZF2</i>	-1.147974	0.359997	-3.188845	0.00142842	0.056948606
<i>MLX</i>	0.317424	0.099643	3.185616	0.00144446	0.057377906
<i>CENPS.CORT</i>	-1.597934	0.501643	-3.185398	0.00144555	NA
<i>GAMT</i>	-0.430922	0.135383	-3.182982	0.00145767	0.057474981

<i>MAN1A1</i>	-0.498369	0.156612	-3.182181	0.0014617	0.057474981
<i>GPR18</i>	0.69022	0.216916	3.181974	0.00146275	0.057474981
<i>LYST</i>	-0.680412	0.21396	-3.180095	0.00147227	0.057640917
<i>EIF2AK4</i>	-0.569315	0.179108	-3.178606	0.00147985	0.0577301
<i>APOL6</i>	0.928926	0.292481	3.17602	0.00149311	0.05803926
<i>INKA1</i>	0.816122	0.257101	3.174321	0.00150188	0.058172297
<i>KLK1</i>	1.738649	0.548122	3.172013	0.00151386	0.058428696
<i>TMED8</i>	0.383947	0.121319	3.164769	0.00155206	0.059691241
<i>LINC01869</i>	1.102404	0.348789	3.16066	0.00157412	0.060326547
<i>POLD2</i>	-0.321993	0.102009	-3.156502	0.00159674	0.060978649
<i>SRSF5</i>	-0.316044	0.100177	-3.154871	0.00160569	0.061105999
<i>ENSG00000173821</i>	0.327994	0.104018	3.153242	0.00161468	0.061233921
<i>FKBP1A</i>	-0.242199	0.07684	-3.151983	0.00162166	0.061285205
<i>DAPL1</i>	-0.646932	0.205442	-3.148979	0.00163842	0.061338813
<i>SEPTIN7</i>	0.215355	0.06839	3.148917	0.00163877	0.061338813
<i>G2E3</i>	0.478877	0.152087	3.1487	0.00163999	0.061338813
<i>CHD1</i>	0.280883	0.08933	3.144343	0.0016646	0.062046336
<i>FBXO10</i>	0.766051	0.243824	3.141814	0.00167905	0.062371085
<i>CD200R1</i>	2.968525	0.945343	3.140155	0.00168858	NA
<i>USF1</i>	-0.737922	0.23521	-3.137286	0.0017052	0.063127147
<i>CCND3</i>	0.255384	0.081476	3.134457	0.00172173	0.063303322
<i>PDCD4</i>	0.504245	0.160875	3.134391	0.00172211	0.063303322
<i>TRIM4</i>	0.397666	0.126908	3.13349	0.00172741	0.063303322
<i>PLEKHF2</i>	0.349142	0.111505	3.131173	0.00174109	0.063590793
<i>XIAP</i>	0.388681	0.124293	3.127137	0.00176518	0.064089999
<i>IRF5</i>	0.536665	0.171665	3.126241	0.00177057	0.064089999
<i>SLC39A8</i>	-0.622535	0.199152	-3.125932	0.00177243	0.064089999
<i>MED4</i>	-0.243699	0.078083	-3.121022	0.00180224	0.064952412
<i>GPR146</i>	-1.109994	0.356254	-3.115739	0.00183485	0.065590426
<i>PRDX2</i>	-0.325956	0.104645	-3.114887	0.00184015	0.065590426
<i>NAE1</i>	-0.332721	0.106863	-3.113526	0.00184867	0.065590426
<i>MRPS36</i>	0.1952	0.062709	3.112763	0.00185345	0.065590426
<i>ZNF391</i>	1.813362	0.5827	3.111999	0.00185825	0.065590426
<i>CDKN1B</i>	0.344224	0.110633	3.111396	0.00186205	0.065590426
<i>NDUFB5</i>	0.214915	0.069074	3.111383	0.00186213	0.065590426
<i>SIGLEC10</i>	0.907879	0.292722	3.101501	0.00192542	0.067601032
<i>ENSG00000261448</i>	1.015254	0.328428	3.091257	0.00199311	0.069729316
<i>ENSG00000282988</i>	1.043358	0.337654	3.090021	0.00200143	0.069729316
<i>BAZ2B</i>	-0.539688	0.174724	-3.088807	0.00200962	0.069729316
<i>CGAS</i>	0.434233	0.140596	3.088504	0.00201167	0.069729316
<i>ING5</i>	-0.392356	0.127091	-3.087215	0.00202041	0.069810085
<i>ATP6VOE2</i>	-0.758153	0.245928	-3.082822	0.00205048	0.070447527
<i>CPNE2</i>	-1.007628	0.326873	-3.082629	0.00205181	0.070447527
<i>MXD1</i>	0.923766	0.299921	3.080027	0.00206982	0.070842454
<i>LINC01588</i>	0.753389	0.244699	3.078839	0.00207809	0.070902684
<i>GEMIN8</i>	-0.508848	0.16535	-3.077389	0.00208823	0.070920494
<i>SOCS3</i>	0.841574	0.273513	3.076901	0.00209165	0.070920494

<i>MORC3</i>	0.416089	0.135307	3.075137	0.00210406	0.071085225
<i>ITM2A</i>	1.106756	0.359996	3.074357	0.00210957	0.071085225
<i>YWHAG</i>	0.339718	0.110673	3.069563	0.00214372	0.071449468
<i>GTF2B</i>	0.414608	0.135113	3.068604	0.00215062	0.071449468
<i>NRAS</i>	-0.384654	0.125391	-3.067645	0.00215752	0.071449468
<i>GFOD2</i>	0.49015	0.159807	3.067131	0.00216124	0.071449468
<i>TMEM208</i>	-0.229162	0.074717	-3.067081	0.0021616	0.071449468
<i>FCRL2</i>	0.558254	0.182021	3.066979	0.00216234	0.071449468
<i>DHX57</i>	-0.509999	0.166353	-3.065771	0.00217109	0.071449468
<i>PTPRC</i>	0.259718	0.084722	3.065523	0.00217289	0.071449468
<i>SEL1L3</i>	0.678428	0.221527	3.062509	0.0021949	0.071955562
<i>NUFIP2</i>	0.459699	0.150241	3.059751	0.00221521	0.072046605
<i>SPN</i>	-0.760901	0.248706	-3.05944	0.00221751	0.072046605
<i>CAPN12</i>	0.545266	0.178224	3.059437	0.00221753	0.072046605
<i>CDK2AP1</i>	-1.018562	0.33343	-3.054798	0.00225212	0.072872947
<i>AHDC1</i>	0.605646	0.198297	3.054234	0.00225636	0.072872947
<i>CASP3</i>	-0.328064	0.10762	-3.048363	0.00230092	0.073939094
<i>TPI1</i>	-0.227463	0.074625	-3.048097	0.00230295	0.073939094
<i>IFI27L2</i>	0.384482	0.12635	3.042984	0.00234245	0.074817482
<i>TXNDC17</i>	-0.309225	0.10165	-3.042046	0.00234976	0.074817482
<i>IL2RA</i>	-0.610469	0.200687	-3.041895	0.00235094	0.074817482
<i>CD109</i>	-1.099535	0.361595	-3.040794	0.00235955	0.074872838
<i>LINC02422</i>	0.876445	0.288589	3.037003	0.00238943	0.075600573
<i>ACP5</i>	0.346548	0.114318	3.031449	0.00243383	0.076485254
<i>DRAM1</i>	-0.682549	0.225172	-3.031234	0.00243556	0.076485254
<i>IGHG2</i>	0.827481	0.273017	3.030873	0.00243848	0.076485254
<i>POLR2B</i>	-0.247149	0.081612	-3.028343	0.00245899	0.076906989
<i>SNAI3</i>	0.82452	0.272359	3.027323	0.0024673	0.076945782
<i>RNF146</i>	0.421161	0.139355	3.022214	0.00250933	0.078033114
<i>BAZ1A</i>	0.220574	0.073044	3.019731	0.00252999	0.078451317
<i>PHLPP1</i>	-0.722619	0.23943	-3.018078	0.00254383	0.078656382
<i>SLAMF7</i>	0.56021	0.185883	3.013772	0.00258022	0.07955546
<i>CPSF6</i>	-0.285945	0.095043	-3.008598	0.00262456	0.080694196
<i>MRNIP</i>	0.435426	0.144773	3.00764	0.00263285	0.080721022
<i>POLR2J</i>	-0.190177	0.063279	-3.005357	0.0026527	0.081100924
<i>AKAP12</i>	-1.417331	0.471873	-3.003626	0.00266784	0.081335332
<i>ENSG00000237499</i>	-0.541161	0.180339	-3.000796	0.00269275	0.081865695
<i>HNRNPDL</i>	-0.162754	0.054351	-2.994498	0.00274897	0.083341944
<i>YIPF5</i>	0.347507	0.116211	2.990312	0.00278693	0.084258044
<i>CTSC</i>	0.547221	0.183199	2.98703	0.00281702	0.084403678
<i>KMT2C</i>	0.288281	0.096535	2.986296	0.00282379	0.084403678
<i>MPRIP.AS1</i>	0.922887	0.309181	2.98494	0.00283634	0.084403678
<i>NRROS</i>	-0.434109	0.145441	-2.984786	0.00283777	0.084403678
<i>MNDA</i>	2.512035	0.842142	2.98291	0.00285522	0.084403678
<i>ENSG00000277654</i>	-0.70333	0.235832	-2.982339	0.00286055	0.084403678
<i>TGM2</i>	1.665306	0.55849	2.981802	0.00286557	0.084403678
<i>SLFN11</i>	0.921867	0.309177	2.981683	0.00286669	0.084403678

CTSA	0.264505	0.088714	2.981538	0.00286805	0.084403678
GPR157	0.984421	0.330187	2.981405	0.00286929	0.084403678
ENSG00000231856	-0.941988	0.316086	-2.98016	0.00288098	0.084519132
TM6SF1	-1.325592	0.44526	-2.97712	0.0029097	NA
KCNK6	0.444685	0.149402	2.976434	0.00291622	0.085322816
MTSS1	-0.483069	0.162377	-2.974985	0.00293003	0.085467544
HMGXB4	-0.324587	0.109132	-2.974265	0.00293691	0.085467544
NT5DC2	-0.875488	0.294435	-2.97345	0.00294472	0.085467544
ALOX5AP	-0.844113	0.284061	-2.971588	0.00296264	0.085758838
MAGOH	-0.259345	0.087347	-2.969119	0.00298654	0.086111307
CD68	0.98782	0.332745	2.968699	0.00299064	0.086111307
NOTCH1	0.714165	0.240775	2.966104	0.00301599	0.086329364
FLOT1	0.441415	0.14882	2.966088	0.00301614	0.086329364
GNG11	0.861992	0.290687	2.965361	0.00302328	0.086329364
PRKAG1	-0.271966	0.091735	-2.964684	0.00302994	0.086329364
PAPOLA	-0.185725	0.062674	-2.963358	0.00304302	0.086475895
FANCE	1.313977	0.443847	2.960431	0.00307209	NA
PILRB	0.651346	0.22003	2.960257	0.00307383	0.087123716
CABLES1	-1.028597	0.347762	-2.957759	0.00309884	0.087511366
ASAH1	0.29492	0.099727	2.957288	0.00310358	0.087511366
NDUFB8	-0.211612	0.071594	-2.955725	0.00311935	0.087517515
STX12	0.344468	0.116545	2.955672	0.00311988	0.087517515
ENSG00000256092	-0.486923	0.164898	-2.952872	0.00314832	0.088074005
SNRPD3	-0.212404	0.07195	-2.95213	0.0031559	0.088074005
GATM	1.053087	0.356923	2.950465	0.00317296	0.088323643
ENSG00000237596	-1.533408	0.520178	-2.94785	0.00319993	NA
PSMA4	-0.236314	0.080196	-2.946683	0.00321202	0.089182798
ADAM28	0.391702	0.13306	2.943787	0.00324223	0.089354836
PPP2R5B	0.628186	0.213431	2.943277	0.00324757	0.089354836
ENSG0000007237	-0.720346	0.244755	-2.943132	0.00324909	0.089354836
CLPX	-0.360856	0.122617	-2.942945	0.00325106	0.089354836
AIP	0.333967	0.113669	2.938064	0.00330268	0.090545117
SPTSSA	-0.28894	0.098393	-2.936594	0.00331838	0.090717158
ACADM	0.327859	0.111672	2.935917	0.00332563	0.090717158
SNHG25	-0.494429	0.168579	-2.932914	0.00335797	0.091370258
ZNHIT3	0.322919	0.110232	2.92944	0.00339573	0.092164034
TNKS1BP1	-1.460891	0.498878	-2.928351	0.00340765	NA
TICAM1	0.49031	0.167458	2.927961	0.00341193	0.092164034
GPX1	-0.241373	0.082439	-2.927905	0.00341254	0.092164034
HNRNPA1L2	-0.400936	0.136994	-2.926662	0.00342621	0.092304005
ABI3	0.493622	0.1688	2.924302	0.0034523	0.092558662
ATP6V1A	0.359967	0.123096	2.924269	0.00345267	0.092558662
CD55	-0.40689	0.13918	-2.923477	0.00346146	0.092566287
SLC16A1.AS1	0.345749	0.118336	2.921749	0.00348072	0.092752793
ENSG00000130520	-0.152287	0.052129	-2.921324	0.00348547	0.092752793
ARHGAP44	1.281321	0.438929	2.919197	0.00350935	0.093160285
NCBP2AS2	-0.266981	0.091513	-2.917403	0.0035296	0.093469883



MRPL12	-0.310519	0.106477	-2.916303	0.00354207	0.09357248
CRTC3	0.332833	0.114193	2.914648	0.0035609	0.09384225
TYROBP	1.34313	0.462303	2.905306	0.00366895	0.096456106
LINC01857	0.598692	0.20627	2.902462	0.00370242	0.097101491
TOE1	-0.450609	0.155332	-2.900938	0.00372047	0.097340479
MARCHF1	0.59172	0.204314	2.89613	0.00377796	0.098607422
OSTM1	0.476005	0.164472	2.894148	0.00380189	0.098890163
THAP3	0.414824	0.143419	2.892389	0.00382325	0.098890163
RPRD1A	-0.299454	0.103564	-2.891481	0.0038343	0.098890163
SH3BP1	0.473008	0.163592	2.891385	0.00383549	0.098890163
ENSG00000173727	0.389867	0.134855	2.891019	0.00383995	0.098890163
ENSG00000268205	0.416456	0.144095	2.890156	0.00385051	0.098890163
CYB561D2	-0.356395	0.12338	-2.888593	0.0038697	0.098890163
HSPA1B	1.028903	0.356252	2.888128	0.00387542	0.098890163
ITSN2	0.236258	0.081814	2.887759	0.00387997	0.098890163
EBNA1BP2	-0.300412	0.104056	-2.887034	0.00388893	0.098890163
CD52	0.337835	0.117029	2.886757	0.00389235	0.098890163
FKBP3	-0.248586	0.086126	-2.886315	0.00389782	0.098890163
BCL7A	-0.603221	0.209155	-2.88409	0.00392546	0.099359863
NSUN7	-1.205148	0.418289	-2.881135	0.00396246	0.100063667
SLC39A4	-0.304596	0.105835	-2.878039	0.00400156	0.100730092
HHEX	0.294764	0.102434	2.877582	0.00400736	0.100730092
TFDP2	-0.431927	0.150176	-2.876133	0.0040258	0.100907058
BCAS4	0.460764	0.160274	2.874849	0.00404221	0.100907058
PTGIR	-1.166665	0.405818	-2.874848	0.00404222	0.100907058
CALHM2	1.194381	0.415861	2.872068	0.00407796	0.101566263
LPAR5	0.527067	0.183561	2.871343	0.00408732	0.101567053
GPR171	-2.560546	0.891961	-2.870692	0.00409575	NA
ENSG00000274422	0.538295	0.187595	2.869454	0.00411181	0.101943001
LY9	0.335801	0.117149	2.866442	0.00415114	0.102424692
FIBP	-0.215919	0.075328	-2.866385	0.00415189	0.102424692
IL13RA1	-0.552111	0.192655	-2.865807	0.00415947	0.102424692
ENSG00000277007	1.396793	0.487463	2.865433	0.0041644	NA
ZNF827	0.650009	0.227053	2.862811	0.00419901	0.103164869
SIGLEC5	1.531081	0.535134	2.861117	0.00422151	0.103484064
CREM	-0.333704	0.1168	-2.857058	0.00427588	0.104230081
CNR1	1.055477	0.369436	2.856995	0.00427672	0.104230081
YARS	-0.300193	0.105098	-2.856311	0.00428595	0.104230081
BCL10	0.295582	0.103495	2.855993	0.00429025	0.104230081
C12orf65	0.275893	0.096637	2.854946	0.00430442	0.104341431
TRIR	0.144698	0.050707	2.853594	0.00432278	0.104553613
PARPBP	-0.775915	0.271983	-2.852806	0.00433351	0.104580738
ADSL	-0.234819	0.082366	-2.850938	0.00435905	0.104964272
SCRN2	-0.385334	0.135368	-2.846559	0.00441946	0.105963639
IFI16	0.24285	0.085315	2.846518	0.00442002	0.105963639
ITGB7	0.625871	0.21995	2.845511	0.00443403	0.105965257
FABP5	-0.345447	0.121443	-2.844523	0.0044478	0.105965257

<i>CHRAC1</i>	-0.249343	0.087665	-2.844269	0.00445134	0.105965257
<i>CALM3</i>	-0.345769	0.12164	-2.842564	0.00447523	0.105965257
<i>ENSG00000197302</i>	0.346292	0.121843	2.842129	0.00448133	0.105965257
<i>AKAP9</i>	0.27198	0.095697	2.842102	0.00448172	0.105965257
<i>LMCD1</i>	2.059185	0.724589	2.841868	NA	NA
<i>LGALS9</i>	-0.437763	0.154053	-2.841638	0.00448824	0.105965257
<i>CLK1</i>	0.384679	0.135437	2.840288	0.00450728	0.106184573
<i>DNAJC5B</i>	1.817025	0.640212	2.838162	0.00453741	0.106663402
<i>GTF3C6</i>	-0.250734	0.088416	-2.83584	0.00457053	0.107210509
<i>HAUS3</i>	0.522862	0.184663	2.831444	0.00463383	0.108461621
<i>HIST3H2A</i>	1.037825	0.366772	2.829618	0.00466036	0.108706066
<i>GALE</i>	0.587611	0.207684	2.829351	0.00466425	0.108706066
<i>CYTOR</i>	0.802714	0.283994	2.82652	0.00470568	0.109437233
<i>NDUFV3</i>	0.306736	0.108627	2.82374	0.00474669	0.109914953
<i>SENP2</i>	-0.376443	0.133344	-2.823094	0.00475627	0.109914953
<i>IGHG4</i>	1.675629	0.593547	2.823077	0.00475652	0.109914953
<i>SRFBP1</i>	0.299359	0.106068	2.822328	0.00476763	0.109938416
<i>TOMM5</i>	-0.290584	0.103002	-2.821154	0.00478513	0.110108495
<i>HOXB7</i>	3.212599	1.139324	2.819741	0.00480625	NA
<i>TMEM60</i>	0.353257	0.125283	2.819662	0.00480743	0.11038824
<i>SNAP23</i>	-0.263468	0.093478	-2.81851	0.00482472	0.110551988
<i>RGMB</i>	0.969383	0.344159	2.816673	0.0048524	0.110754271
<i>SERINC1</i>	0.428549	0.152173	2.816196	0.0048596	0.110754271
<i>SMIM4</i>	-0.36521	0.129696	-2.815901	0.00486407	0.110754271
<i>ADCK2</i>	0.528263	0.187681	2.814689	0.00488245	0.110940692
<i>CNIH4</i>	0.284952	0.101408	2.809958	0.0049548	0.112350111
<i>PEX10</i>	-0.452887	0.161222	-2.809094	0.00496811	0.112417631
<i>C1GALT1</i>	0.429176	0.15283	2.808189	0.0049821	0.112500458
<i>COX7A2L</i>	0.171392	0.061073	2.806357	0.00501052	0.112712825
<i>SKIL</i>	0.383409	0.136627	2.806247	0.00501222	0.112712825
<i>SYBU</i>	2.823791	1.006601	2.805274	0.00502738	NA
<i>ZNF79</i>	1.20111	0.428472	2.80324	0.0050592	0.113300316
<i>ZC3H12D</i>	-0.519966	0.185492	-2.803168	0.00506033	0.113300316
<i>MRPL1</i>	-0.232849	0.083122	-2.80128	0.00509004	0.113300316
<i>NFATC2</i>	0.493118	0.176033	2.801277	0.00509008	0.113300316
<i>PODXL2</i>	-0.804734	0.287276	-2.801257	0.0050904	0.113300316
<i>IVD</i>	0.516398	0.184417	2.80017	0.00510756	0.11345047
<i>IGHA1</i>	0.532557	0.190668	2.793107	0.00522045	0.115721699
<i>SNHG30</i>	-0.373464	0.133752	-2.792212	0.00523491	0.115806451
<i>NSMCE4A</i>	-0.267356	0.095814	-2.790357	0.00526499	0.116107018
<i>ARL6IP6</i>	0.392486	0.140673	2.79006	0.00526983	0.116107018
<i>HERC4</i>	0.318632	0.114434	2.786698	0.0053248	0.117081122
<i>MTHFR</i>	0.442247	0.158862	2.783839	0.00537197	0.117880079
<i>TMEM147</i>	-0.190314	0.068412	-2.781882	0.00540447	0.118296406
<i>MIDN</i>	0.392968	0.141285	2.781389	0.00541268	0.118296406
<i>FGFBP2</i>	-2.639702	0.949386	-2.780432	0.00542867	NA
<i>TYW3</i>	0.360485	0.129706	2.779253	0.0054484	0.118838489

<i>VPREB1</i>	-2.015525	0.725765	-2.777103	0.00548457	0.119388158
<i>HNRNPAO</i>	-0.179594	0.064749	-2.773687	0.0055425	0.120310316
<i>RIMKLB</i>	-0.595519	0.214733	-2.773303	0.00554904	0.120310316
<i>RENBP</i>	0.489896	0.176702	2.772445	0.00556368	0.120387954
<i>ZNF189</i>	0.73835	0.266486	2.770685	0.00559385	0.120781503
<i>AKAP13</i>	0.266755	0.096298	2.770091	0.00560407	0.120781503
<i>SLC2A14</i>	-3.578463	1.293368	-2.766779	0.00566131	NA
<i>MDH2</i>	-0.205997	0.074465	-2.766375	0.00566833	0.121925109
<i>SSR4</i>	-0.127114	0.045965	-2.765474	0.00568401	0.122021135
<i>SLC9B2</i>	-0.356629	0.129055	-2.763381	0.00572059	0.122564767
<i>DTD2</i>	-0.421648	0.1527	-2.761293	0.00575729	0.123108772
<i>ENSG00000228106</i>	-0.292012	0.105807	-2.759866	0.00578252	0.123185072
<i>ZMAT2</i>	-0.205612	0.074502	-2.75981	0.0057835	0.123185072
<i>UBXN6</i>	-0.245202	0.088879	-2.758836	0.00580077	0.12322371
<i>MICAL1</i>	-0.356528	0.12925	-2.758431	0.00580795	0.12322371
<i>ARHGAP25</i>	0.342627	0.124274	2.757022	0.00583304	0.123289566
<i>RNASEH2C</i>	-0.175438	0.063634	-2.756984	0.00583371	0.123289566
<i>CTBP1</i>	0.259199	0.094044	2.756161	0.00584843	0.12336102
<i>SMIM29</i>	0.254558	0.092399	2.754995	0.00586931	0.12348711
<i>TRIM52</i>	0.424453	0.154123	2.753993	0.00588731	0.12348711
<i>CLK3</i>	0.320354	0.116364	2.753031	0.00590462	0.12348711
<i>IL7</i>	0.539462	0.195966	2.752843	0.00590802	0.12348711
<i>ALDH16A1</i>	-0.400819	0.145634	-2.752229	0.00591911	0.12348711
<i>RASAL1</i>	-0.752294	0.273363	-2.751999	0.00592327	0.12348711
<i>FAM91A1</i>	0.399644	0.145319	2.750121	0.00595733	0.12348711
<i>RBM8A</i>	-0.148003	0.053822	-2.749868	0.00596193	0.12348711
<i>MTHFD2L</i>	-0.398312	0.144864	-2.749562	0.0059675	0.12348711
<i>IGHD</i>	-0.561346	0.20416	-2.749542	0.00596786	0.12348711
<i>PF4</i>	3.819515	1.389779	2.74829	0.0059907	0.123660509
<i>NDUFB7</i>	-0.177497	0.064595	-2.747838	0.00599897	0.123660509
<i>PPIL4</i>	0.380577	0.138782	2.742272	0.00610158	0.125538036
<i>ENTPD1</i>	0.611725	0.22344	2.737757	0.00618598	0.127034284
<i>GLIPR2</i>	0.517707	0.189151	2.737012	0.00620001	0.127082645
<i>WWOX</i>	-0.59747	0.218417	-2.735459	0.00622934	0.127443865
<i>MRPS34</i>	-0.215028	0.078736	-2.730988	0.00631448	0.128779821
<i>ITGB3BP</i>	-0.353334	0.129389	-2.730788	0.0063183	0.128779821
<i>A4GALT</i>	1.04391	0.382719	2.727614	0.00637943	0.12978254
<i>FXR1</i>	0.206351	0.075721	2.72516	0.00642703	0.130507141
<i>ACTN1</i>	1.784665	0.655084	2.724329	0.00644322	NA
<i>EIF3B</i>	-0.273384	0.100349	-2.724325	0.00644331	0.130593963
<i>EVI2A</i>	0.392817	0.144243	2.723298	0.00646337	0.130757083
<i>LY96</i>	0.395527	0.145303	2.722085	0.00648714	0.130783268
<i>LINC01781</i>	2.015826	0.740566	2.722006	0.0064887	0.130783268
<i>ZBTB32</i>	1.428501	0.52543	2.718725	0.00655341	0.131843415
<i>ZNF704</i>	-1.065388	0.392214	-2.716347	0.00660067	0.132386591
<i>GRN</i>	0.249027	0.091711	2.715338	0.00662082	0.132386591
<i>DMAC2L</i>	-0.244325	0.090001	-2.714707	0.00663345	0.132386591

<i>PIGF</i>	0.440787	0.162438	2.713579	0.00665607	0.132386591
<i>NHSL2</i>	-0.441899	0.162883	-2.712982	0.00666808	0.132386591
<i>ENSG00000268403</i>	-0.548348	0.202149	-2.712598	0.0066758	0.132386591
<i>ARID1A</i>	0.252002	0.092903	2.712516	0.00667746	0.132386591
<i>HLA.C</i>	-0.426295	0.157159	-2.712503	0.00667771	0.132386591
<i>CRIP2</i>	2.000822	0.738468	2.709422	0.00674005	NA
<i>SAMD4A</i>	0.930207	0.343438	2.708512	0.00675857	0.133482607
<i>ZC3H7B</i>	-0.404322	0.149327	-2.707633	0.00677649	0.133482607
<i>GTF3C2</i>	-0.322704	0.119189	-2.707501	0.00677919	0.133482607
<i>GIHCG</i>	-0.377141	0.139302	-2.707361	0.00678206	0.133482607
<i>ENSG00000273141</i>	-2.346237	0.866645	-2.707263	0.00678404	NA
<i>ZNF557</i>	0.388199	0.143459	2.705994	0.00681004	0.133791411
<i>PDCD7</i>	0.411573	0.152174	2.704626	0.00683813	0.134064575
<i>TNRC6C</i>	0.57742	0.213571	2.703637	0.00685852	0.134064575
<i>CREB3L2</i>	-0.461694	0.170775	-2.703522	0.00686089	0.134064575
<i>IFIT2</i>	0.855645	0.316613	2.702492	0.00688218	0.13423958
<i>ENSG00000272758</i>	0.798884	0.2959	2.699842	0.00693725	0.135071558
<i>PTGS1</i>	0.726321	0.26913	2.698768	0.00695967	0.135266156
<i>MRPS26</i>	-0.194726	0.072191	-2.697386	0.00698862	0.135586747
<i>UPP1</i>	0.777786	0.288414	2.696768	0.00700161	0.135597054
<i>OGFRL1</i>	-0.472763	0.175403	-2.695294	0.00703266	0.135956428
<i>COL9A3</i>	-0.963205	0.357762	-2.692309	0.00709591	0.136935923
<i>TIMM8B</i>	-0.218384	0.08115	-2.691104	0.00712159	0.137188282
<i>HDAC2</i>	0.235091	0.08744	2.688594	0.00717536	0.137979878
<i>GLIDR</i>	-0.609097	0.226713	-2.686639	0.0072175	0.138545345
<i>ENSG00000277476</i>	1.682267	0.626571	2.68488	0.00725559	NA
<i>ENSG00000275964</i>	-0.691639	0.25795	-2.681288	0.00733393	0.140532604
<i>PSMB3</i>	-0.191027	0.071303	-2.679103	0.00738197	0.14108733
<i>CORO1A</i>	0.2819	0.105234	2.678793	0.00738881	0.14108733
<i>MYBBP1A</i>	-0.416186	0.155507	-2.676323	0.00744349	0.141882498
<i>LETM1</i>	-0.23693	0.088604	-2.674048	0.00749417	0.142598765
<i>HMGB3</i>	-0.691481	0.258729	-2.672606	0.00752647	0.142804944
<i>TLR7</i>	0.830027	0.310597	2.672362	0.00753194	0.142804944
<i>CBWD2</i>	-0.469113	0.17559	-2.671638	0.0075482	0.142804944
<i>BEND4</i>	0.62042	0.23226	2.671226	0.00755748	0.142804944
<i>STMP1</i>	-0.208163	0.07795	-2.670482	0.00757425	0.142847251
<i>VPS13C</i>	0.272	0.101891	2.669512	0.00759616	0.142847251
<i>ZNF567</i>	0.390269	0.146278	2.667988	0.0076307	0.142847251
<i>TMEM177</i>	-0.55307	0.207393	-2.666767	0.00765846	0.142847251
<i>SRSF11</i>	0.2335	0.087566	2.666546	0.0076635	0.142847251
<i>IGHG1</i>	1.230969	0.461675	2.666308	0.00766894	0.142847251
<i>RAB3GAP2</i>	0.41596	0.15601	2.666248	0.0076703	0.142847251
<i>NUDCD3</i>	-0.308357	0.115656	-2.666154	0.00767246	0.142847251
<i>APRT</i>	-0.145978	0.054757	-2.665918	0.00767784	0.142847251
<i>ARMT1</i>	0.507397	0.190419	2.664644	0.007707	0.143144955
<i>PSMB1</i>	-0.211928	0.079578	-2.663142	0.00774147	0.143540311
<i>FOXP4</i>	0.579676	0.217949	2.659691	0.00782125	0.144703821

<i>ENSG00000258056</i>	0.74439	0.280005	2.658487	0.00784924	0.144703821
<i>MSI2</i>	-0.470468	0.17697	-2.658464	0.00784978	0.144703821
<i>KLF6</i>	0.330515	0.124363	2.657661	0.0078685	0.144703821
<i>TMEM179B</i>	-0.235551	0.088634	-2.657567	0.0078707	0.144703821
<i>SLC9A3R1</i>	0.39983	0.150523	2.656282	0.00790075	0.145011483
<i>WDR70</i>	-0.315216	0.118757	-2.654295	0.00794744	0.145143499
<i>STXBP4</i>	-0.751793	0.283259	-2.654085	0.00795237	0.145143499
<i>ZBTB25</i>	0.357084	0.13456	2.653721	0.00796097	0.145143499
<i>KIF5B</i>	0.247898	0.093416	2.653707	0.00796129	0.145143499
<i>PARP15</i>	0.395097	0.148937	2.652777	0.00798325	0.145300567
<i>VSIG10L</i>	1.944709	0.733584	2.650969	0.00802613	NA
<i>ODF3B</i>	-0.479896	0.181115	-2.649676	0.0080569	0.146381567
<i>AKIRIN2</i>	0.241015	0.090988	2.648868	0.00807618	0.146381567
<i>ATP5MC3</i>	-0.26071	0.098434	-2.648583	0.008083	0.146381567
<i>CDCA7L</i>	-0.408438	0.154433	-2.644754	0.00817504	0.147581605
<i>ZNF350</i>	-0.340718	0.128831	-2.644698	0.00817638	0.147581605
<i>TCTN1</i>	-0.879453	0.332747	-2.643011	0.00821725	0.147971301
<i>NDUFAF8</i>	-0.200264	0.075785	-2.64254	0.00822867	0.147971301
<i>BCL2L13</i>	-0.326805	0.12369	-2.642125	0.00823876	0.147971301
<i>RASSF3</i>	0.305845	0.115905	2.638753	0.00832116	0.149205093
<i>CD1D</i>	0.632491	0.239821	2.637347	0.00835574	0.149292306
<i>TUT7</i>	0.344687	0.130709	2.637053	0.00836298	0.149292306
<i>HES6</i>	-0.728287	0.276192	-2.636883	0.00836717	0.149292306
<i>UFD1</i>	-0.262211	0.099492	-2.635488	0.00840163	0.1496618
<i>ARL11</i>	0.586558	0.223055	2.629651	0.00854725	0.151913356
<i>PHF19</i>	-0.57885	0.220153	-2.629306	0.00855594	0.151913356
<i>RCBTB1</i>	-0.678867	0.258331	-2.627893	0.00859156	0.152297272
<i>ACP1</i>	-0.157244	0.059856	-2.627037	0.0086132	0.152432582
<i>ZNHIT2</i>	-0.363008	0.138295	-2.624886	0.00866781	0.152705037
<i>ENSG00000268400</i>	-1.205398	0.459248	-2.624723	0.00867195	0.152705037
<i>COX17</i>	0.327034	0.124616	2.624339	0.00868172	0.152705037
<i>PRICKLE1</i>	0.771523	0.294001	2.624222	0.00868471	0.152705037
<i>EPS15</i>	-0.312013	0.118935	-2.623399	0.00870572	0.152827566
<i>IKZF1</i>	-0.251169	0.09588	-2.619609	0.00880307	0.154287582
<i>ENSG00000274536</i>	-0.607384	0.232023	-2.617773	0.00885056	0.154870589
<i>IL4R</i>	-0.418254	0.159937	-2.615115	0.00891974	0.155664241
<i>ZNF747</i>	-0.422674	0.161659	-2.614598	0.00893324	0.155664241
<i>TPM1</i>	0.601327	0.230007	2.614385	0.00893882	0.155664241
<i>PTPRS</i>	1.299226	0.497218	2.612991	0.00897537	0.155773287
<i>SUMO1</i>	-0.150843	0.057742	-2.612363	0.00899187	0.155773287
<i>RPLP2</i>	0.134009	0.051339	2.610298	0.00904633	0.155773287
<i>PYURF</i>	-0.186765	0.071565	-2.609727	0.00906145	0.155773287
<i>XRRA1</i>	-0.716451	0.274586	-2.60921	0.00907515	0.155773287
<i>RASSF2</i>	0.338692	0.129834	2.608644	0.00909018	0.155773287
<i>INTS6</i>	-0.237649	0.091101	-2.608639	0.0090903	0.155773287
<i>FAAP24</i>	-0.654178	0.250775	-2.608629	0.00909057	0.155773287
<i>ZNF749</i>	-1.343054	0.514938	-2.608189	0.00910228	0.155773287

<i>NDUFC2</i>	-0.260392	0.099838	-2.608148	0.00910337	0.155773287
<i>CNP</i>	0.323403	0.124009	2.607904	0.00910986	0.155773287
<i>HIVEP3</i>	-0.54982	0.21085	-2.607642	0.00911683	0.155773287
<i>C16orf74</i>	-0.489808	0.187907	-2.606654	0.00914317	0.155978496
<i>PM20D2</i>	0.505336	0.193991	2.604944	0.00918893	0.156480562
<i>ATXN2</i>	0.35045	0.13461	2.603453	0.00922898	0.156480562
<i>H3F3B</i>	-0.137925	0.052987	-2.602994	0.00924135	0.156480562
<i>FRG1</i>	-0.183836	0.070633	-2.602677	0.00924992	0.156480562
<i>ENSG00000264443</i>	0.699829	0.268965	2.601931	0.00927004	0.156480562
<i>SAMD9L</i>	0.427152	0.164178	2.601751	0.00927491	0.156480562
<i>U2SURP</i>	-0.171928	0.066109	-2.600676	0.00930403	0.156480562
<i>MAP3K1</i>	0.332755	0.127992	2.599817	0.00932734	0.156480562
<i>LACTB2</i>	0.380433	0.146333	2.599769	0.00932864	0.156480562
<i>ENSG00000254397</i>	1.062596	0.408762	2.599547	0.00933468	0.156480562
<i>ITFG1</i>	-0.317718	0.122239	-2.599156	0.00934532	0.156480562
<i>NIPAL2</i>	0.731787	0.281583	2.598827	0.00935428	0.156480562
<i>CHTOP</i>	0.167985	0.064655	2.598182	0.00937188	0.156480562
<i>MVB12A</i>	-0.29026	0.11172	-2.598109	0.00937388	0.156480562
<i>SDSL</i>	1.217314	0.469015	2.595468	0.00944623	0.157446755
<i>ENSG0000070423</i>	-0.261132	0.100637	-2.594802	0.00946454	0.157510803
<i>PWWP2B</i>	0.951105	0.366785	2.593085	0.00951193	0.158027513
<i>ADPRH</i>	0.794367	0.306395	2.592626	0.00952463	0.158027513
<i>C17orf49</i>	-0.368065	0.142015	-2.591734	0.00954936	0.158196654
<i>NEMP1</i>	0.605112	0.233603	2.590346	0.00958796	0.158594786
<i>METTL1</i>	-0.390984	0.151053	-2.588384	0.00964275	0.159259076
<i>CD3D</i>	-2.441079	0.94353	-2.587178	0.00967657	NA
<i>DNAJB4</i>	0.564918	0.218426	2.586308	0.00970102	0.159835816
<i>SMKR1</i>	-0.500141	0.193396	-2.586094	0.00970705	0.159835816
<i>RFX1</i>	0.373275	0.14447	2.583754	0.00977315	0.160461946
<i>CEP104</i>	0.414367	0.160377	2.583704	0.00977456	0.160461946
<i>ARID3B</i>	0.582522	0.225513	2.583091	0.00979195	0.160505469
<i>HLA.DQA1</i>	0.395143	0.153045	2.581874	0.00982653	0.160830038
<i>ELP5</i>	-0.38953	0.15094	-2.580698	0.00986007	0.161136564
<i>PCNX4</i>	0.342688	0.132864	2.579246	0.00990164	0.161573302
<i>ARMCX1</i>	-1.459737	0.566256	-2.577877	0.00994094	NA
<i>RUNX2</i>	1.307329	0.507237	2.577354	0.00995599	0.162205817
<i>OXSM</i>	0.548403	0.212818	2.576861	0.0099702	0.162205817
<i>SPOP</i>	0.284479	0.110593	2.572306	0.01010237	0.164083645
<i>UAP1L1</i>	0.887678	0.345152	2.571846	0.01011578	0.164083645
<i>IER3IP1</i>	-0.199029	0.077492	-2.568384	0.01021738	0.165322787
<i>ERLIN2</i>	-0.513128	0.1998	-2.568209	0.01022255	0.165322787
<i>PLCB2</i>	0.70612	0.275093	2.566844	0.01026288	0.165728691
<i>MIR181A1HG</i>	-0.666649	0.25985	-2.565515	0.01030228	0.166107227
<i>RPA3</i>	-0.194609	0.075884	-2.564558	0.01033074	0.166107227
<i>PSMA6</i>	-0.267148	0.104171	-2.564512	0.0103321	0.166107227
<i>HPS3</i>	0.42328	0.165101	2.56376	0.01035452	0.166222042
<i>DNAJC30</i>	-0.27515	0.10735	-2.563113	0.01037384	0.166287043

<i>ENSG00000272277</i>	-1.170768	0.456902	-2.562407	0.01039495	0.166380292
<i>CCDC121</i>	2.502368	0.977453	2.56009	0.01046452	NA
<i>FOLR2</i>	1.769788	0.691378	2.5598	0.01047325	NA
<i>ARMCX3</i>	0.27105	0.106045	2.555993	0.01058852	0.169025683
<i>MTRF1</i>	0.486485	0.190368	2.5555	0.01060354	0.169025683
<i>ENSG00000275464</i>	-1.29125	0.505304	-2.555392	0.01060681	0.169025683
<i>ENSG00000229728</i>	-1.544646	0.604631	-2.554691	0.01062822	NA
<i>C8orf82</i>	-0.920965	0.360542	-2.554395	0.01063725	0.169262943
<i>STYX</i>	0.412077	0.161397	2.553187	0.01067422	0.169603239
<i>DHTKD1</i>	-0.368052	0.144309	-2.550447	0.01075848	0.170692914
<i>CFD</i>	1.735498	0.680604	2.549938	0.01077419	NA
<i>PBX4</i>	1.088538	0.427084	2.548767	0.01081046	0.17102892
<i>ICMT</i>	-0.577014	0.226391	-2.548746	0.01081109	0.17102892
<i>CENPU</i>	-0.658069	0.258281	-2.547884	0.01083786	0.171203508
<i>RPS28</i>	0.083048	0.032607	2.54693	0.01086754	0.171423561
<i>PPP2R5A</i>	0.397861	0.156309	2.545344	0.01091701	0.171954697
<i>GCSAM</i>	-0.650631	0.256039	-2.541137	0.01104926	0.173786324
<i>BCAP31</i>	-0.222655	0.0877	-2.538834	0.01112226	0.17468213
<i>RPGRIP1L</i>	-0.638574	0.251738	-2.536665	0.0111914	0.175514688
<i>TOB1</i>	0.497788	0.196313	2.53568	0.01122291	0.175613187
<i>JMJD4</i>	-0.3381	0.133359	-2.535255	0.01123657	0.175613187
<i>NCOA3</i>	0.280505	0.110655	2.534958	0.01124609	0.175613187
<i>MIR155HG</i>	0.403296	0.159224	2.532895	0.0113125	0.176397195
<i>FAM184B</i>	-1.730781	0.683497	-2.532244	0.01133351	0.176471962
<i>KLK2</i>	2.049721	0.810396	2.529281	0.01142964	NA
<i>PSMB10</i>	-0.228253	0.090244	-2.529274	0.01142986	0.177703874
<i>ZNF668</i>	0.509937	0.201652	2.528801	0.01144528	0.177703874
<i>PLEKHO2</i>	0.818926	0.323978	2.527719	0.01148062	0.177982281
<i>FLI1</i>	0.339322	0.134278	2.527015	0.01150366	0.177982281
<i>CMSS1</i>	-0.235849	0.093341	-2.526752	0.01151227	0.177982281
<i>RFTN1</i>	-0.272714	0.107958	-2.526106	0.01153346	0.178056921
<i>LY86.AS1</i>	2.248861	0.890618	2.525056	0.011568	NA
<i>PDE4B</i>	0.274566	0.108765	2.524391	0.01158989	0.178674657
<i>TAF1A</i>	0.519586	0.206023	2.52198	0.01166965	0.179649878
<i>PPBP</i>	2.500724	0.991709	2.521632	0.01168117	NA
<i>MSMP</i>	-0.933922	0.370388	-2.521472	0.0116865	0.179655202
<i>BTG2</i>	0.23137	0.09181	2.520084	0.0117327	0.179800265
<i>INTS10</i>	-0.242339	0.096183	-2.519552	0.01175045	0.179800265
<i>NAB1</i>	0.535384	0.212496	2.519504	0.01175204	0.179800265
<i>BAG1</i>	-0.205895	0.08173	-2.519205	0.01176202	0.179800265
<i>SPIB</i>	0.176736	0.070174	2.518546	0.01178405	0.179884464
<i>PIAS2</i>	-0.296739	0.11793	-2.516223	0.01186202	0.180591
<i>UST</i>	0.887116	0.352594	2.515968	0.01187061	0.180591
<i>BBX</i>	0.210842	0.083811	2.515686	0.01188011	0.180591
<i>NADSYN1</i>	-0.287444	0.114305	-2.514717	0.01191279	0.180835125
<i>NUBP2</i>	-0.189601	0.075469	-2.512309	0.01199441	0.181218555
<i>MIF.AS1</i>	-0.461719	0.183801	-2.512052	0.01200315	0.181218555

<i>ASPH</i>	0.740717	0.294891	2.511835	0.01201053	0.181218555
<i>HMGB2</i>	-0.253368	0.100877	-2.511651	0.01201678	0.181218555
<i>PDE4DIP</i>	-0.387581	0.154333	-2.51133	0.01202773	0.181218555
<i>MYL6B</i>	-0.276933	0.110287	-2.51103	0.01203795	0.181218555
<i>NUDT8</i>	-0.608676	0.242535	-2.509639	0.01208546	0.181682561
<i>TMEM154</i>	0.465664	0.185643	2.508379	0.01212867	0.181920139
<i>GADD45G</i>	-0.842329	0.335933	-2.507428	0.01216134	0.181920139
<i>TMEM187</i>	0.771817	0.307899	2.506724	0.01218557	0.181920139
<i>RHOBTB2</i>	1.076577	0.429561	2.506224	0.01220283	0.181920139
<i>ZBTB7B</i>	0.442231	0.176455	2.506192	0.01220395	0.181920139
<i>ZSCAN22</i>	0.938886	0.374656	2.505994	0.01221076	0.181920139
<i>WDR89</i>	0.385545	0.153862	2.505777	0.01221827	0.181920139
<i>FAM76B</i>	0.338578	0.135173	2.504785	0.0122526	0.182182021
<i>ENSG00000249684</i>	2.060176	0.82273	2.504074	0.01227724	NA
<i>HMMR</i>	1.087422	0.434282	2.503953	0.01228143	NA
<i>MGME1</i>	0.337666	0.135005	2.501137	0.01237952	0.183678529
<i>ENSG00000167414</i>	-0.969877	0.387808	-2.500923	0.01238699	0.183678529
<i>RHOBTB1</i>	-2.221979	0.888472	-2.5009	0.01238781	NA
<i>SMARCE1</i>	-0.184485	0.073818	-2.499192	0.01244768	0.184327259
<i>ASB2</i>	1.436665	0.575031	2.498411	0.01247514	0.184482953
<i>CHMP5</i>	0.23546	0.094318	2.496456	0.01254414	0.185251532
<i>MBLAC1</i>	-1.224827	0.491214	-2.493469	0.01265016	0.186564115
<i>RSBN1</i>	0.276603	0.110993	2.492079	0.01269979	0.187042609
<i>ZNF420</i>	0.432136	0.17362	2.488975	0.01281118	0.188428222
<i>TTI2</i>	0.495703	0.199415	2.485793	0.01292632	0.189865162
<i>IRF2BPL</i>	0.399072	0.160607	2.484783	0.01296305	0.190148089
<i>EXOG</i>	-0.315479	0.127108	-2.481965	0.01306602	0.191400422
<i>SLC9A9</i>	-0.611432	0.246452	-2.480935	0.01310382	0.191586162
<i>CENPB</i>	-0.445141	0.179445	-2.480661	0.0131139	0.191586162
<i>DGCR6</i>	-1.505	0.607114	-2.478941	0.01317731	NA
<i>GCNT2</i>	0.55493	0.223922	2.478222	0.01320389	0.192642204
<i>AUP1</i>	-0.146328	0.059137	-2.474378	0.01334683	0.194368899
<i>REEP4</i>	0.555059	0.224355	2.474026	0.01335998	0.194368899
<i>ZNF616</i>	0.868461	0.351113	2.473454	0.01338141	0.194368899
<i>PPP1R16B</i>	0.403422	0.163124	2.473107	0.0133944	0.194368899
<i>TAF13</i>	0.459115	0.185686	2.472529	0.01341606	0.194368899
<i>AKAP17A</i>	0.248973	0.100716	2.472023	0.0134351	0.194368899
<i>ARL4A</i>	-0.383464	0.155158	-2.471447	0.01345677	0.194368899
<i>BLM</i>	0.525023	0.212454	2.471225	0.0134651	0.194368899
<i>C9orf16</i>	-0.228832	0.092637	-2.470196	0.01350391	0.194670874
<i>CFAP298</i>	-0.268028	0.108554	-2.469067	0.0135466	0.195028009
<i>RACGAP1</i>	0.765263	0.31025	2.466606	0.01364003	0.196113778
<i>ENSG00000278932</i>	1.923096	0.780236	2.464763	0.0137104	NA
<i>RIN3</i>	0.555621	0.225458	2.464407	0.01372403	0.196920389
<i>KCNN4</i>	0.731511	0.296857	2.46419	0.01373232	0.196920389
<i>C6orf226</i>	-0.433474	0.175951	-2.463605	0.01375475	0.196982562
<i>AHI1</i>	-0.374095	0.15192	-2.462442	0.01379943	0.197362715



TRMT6	-0.396373	0.161065	-2.460946	0.01385714	0.197927974
ATP5ME	-0.179212	0.072858	-2.459743	0.01390364	0.198294587
FBXL17	0.507753	0.206459	2.459341	0.01391925	0.198294587
PPCS	-0.191214	0.077786	-2.458195	0.01396372	0.198418986
TTC9C	0.285951	0.116327	2.458177	0.01396444	0.198418986
BACE2	1.621129	0.659657	2.457533	0.01398949	NA
ENSG00000273338	-0.441985	0.179969	-2.455889	0.01405365	0.199426185
BAG4	0.406111	0.165453	2.454541	0.01410647	0.19991506
ENSG00000176320	2.192084	0.893158	2.454308	0.01411561	NA
ZNF284	0.723975	0.295122	2.453138	0.01416159	0.200280014
ENSG00000188242	-0.693042	0.282534	-2.45295	0.01416902	0.200280014
HDX	1.097874	0.447907	2.451121	0.01424122	0.200951434
CERS4	-0.273239	0.111489	-2.450812	0.01425345	0.200951434
METAP2	-0.160181	0.065394	-2.44948	0.01430628	0.201435394
NDFIP2	-0.816799	0.333983	-2.44563	0.01445994	0.203335925
SDHAF3	-0.223449	0.091416	-2.444324	0.01451239	0.203738151
SLC25A5	-0.169442	0.069341	-2.443594	0.0145418	0.203738151
CD27	1.249254	0.511252	2.443522	0.0145447	0.203738151
CRLF3	0.244995	0.100307	2.442458	0.01458762	0.204076722
MPP1	-0.647211	0.2651	-2.441387	0.01463099	0.20440473
TMEM156	0.373798	0.153136	2.440951	0.01464863	0.20440473
CNBP	-0.198843	0.081497	-2.439873	0.01469244	0.204492364
MTCH2	-0.250632	0.102724	-2.439872	0.01469249	0.204492364
C7orf26	-0.409975	0.168176	-2.437774	0.014778	0.205419798
COL4A4	1.989942	0.816578	2.436928	0.01481265	NA
ENSG00000262089	0.873271	0.358428	2.436391	0.01483465	0.205944267
CHTF18	-0.549726	0.225677	-2.435895	0.01485501	0.20596423
FSD1	-1.19947	0.492519	-2.435376	0.01487633	NA
NFE2L1	0.3092	0.126982	2.434997	0.01489191	0.2061739
GCC2	0.246813	0.101401	2.434033	0.01493164	0.2061739
SLF2	0.310426	0.127551	2.433747	0.01494343	0.2061739
FCGR2A	2.511286	1.031876	2.43371	0.01494498	NA
SMC5	-0.242846	0.099814	-2.43298	0.01497512	0.2061739
GNPDA1	0.340383	0.139906	2.432944	0.01497663	0.2061739
ENSG00000265778	-0.999918	0.41102	-2.432771	0.01498379	0.2061739
CD48	0.224889	0.09249	2.431493	0.01503674	0.206641206
YWHAQ	-0.191062	0.078668	-2.428704	0.01515289	0.207061635
ARHGAP9	-0.247544	0.101942	-2.428273	0.01517091	0.207061635
TOMM7	0.166739	0.068679	2.427821	0.01518985	0.207061635
PIGT	-0.262534	0.108156	-2.42737	0.01520875	0.207061635
POLD4	0.23882	0.098389	2.4273	0.01521167	0.207061635
RPS9	0.154049	0.063466	2.427277	0.01521263	0.207061635
RASGEF1B	-0.493497	0.20337	-2.426593	0.01524134	0.207061635
PSMC3IP	0.571455	0.235524	2.42631	0.01525323	0.207061635
LGALS3	0.782886	0.322672	2.42626	0.01525534	0.207061635
APBB1	0.828546	0.341499	2.426207	0.01525757	0.207061635
ERP29	0.145845	0.060132	2.425402	0.01529145	0.207201175

<i>TMEM134</i>	0.165877	0.068401	2.425058	0.01530593	0.207201175
<i>ITGA10</i>	0.868764	0.358464	2.423574	0.0153686	0.207674025
<i>TAGAP</i>	-0.514927	0.212488	-2.423328	0.01537902	0.207674025
<i>SLCO3A1</i>	-1.545305	0.63786	-2.42264	0.01540818	NA
<i>MCM7</i>	-0.309483	0.127855	-2.420569	0.01549625	0.208997812
<i>CTSB</i>	0.26225	0.108458	2.417979	0.01560698	0.210026276
<i>GLI4</i>	-0.953225	0.39426	-2.417754	0.01561662	0.210026276
<i>VAT1</i>	0.387218	0.160192	2.417215	0.01563976	0.210026276
<i>TRAM1</i>	-0.168327	0.069643	-2.416984	0.0156497	0.210026276
<i>RGL1</i>	-1.234665	0.511177	-2.415339	0.01572056	NA
<i>PCBP4</i>	0.606615	0.251647	2.410576	0.01592735	0.213489314
<i>RFC4</i>	0.343542	0.142549	2.40999	0.01595298	0.213568428
<i>SNAP29</i>	0.286317	0.118826	2.409543	0.0159725	0.213568428
<i>ZNF667.AS1</i>	0.324697	0.134822	2.408337	0.0160254	0.214004281
<i>SRD5A3</i>	0.479742	0.199237	2.407903	0.01604442	0.214004281
<i>ENSG00000237491</i>	-0.583535	0.2424	-2.407324	0.0160699	0.214081746
<i>LINC01250</i>	-2.766859	1.149611	-2.406779	0.01609389	NA
<i>CHCHD3</i>	-0.265076	0.110215	-2.405078	0.01616903	0.215139084
<i>ENSG00000276449</i>	1.048697	0.436256	2.403858	0.01622307	0.215530326
<i>SLC29A2</i>	-0.588059	0.244687	-2.403315	0.0162472	0.215530326
<i>ENSG00000089127</i>	0.66073	0.275035	2.402348	0.01629021	0.215530326
<i>GLRX</i>	0.385678	0.160614	2.401277	0.01633798	0.215530326
<i>ING3</i>	-0.326934	0.136152	-2.401252	0.0163391	0.215530326
<i>SEPTIN6</i>	0.152384	0.06346	2.401244	0.01633946	0.215530326
<i>LY6E</i>	0.252344	0.105137	2.400151	0.01638829	0.215530326
<i>PCGF5</i>	-0.251931	0.104969	-2.400061	0.01639232	0.215530326
<i>ITM2C</i>	-0.369723	0.154048	-2.400046	0.01639302	0.215530326
<i>STT3B</i>	-0.338552	0.141092	-2.399514	0.01641684	0.215530326
<i>ZFAND6</i>	0.351161	0.14639	2.398807	0.01644859	0.215530326
<i>HPSE</i>	-2.055749	0.857031	-2.398686	0.016454	NA
<i>ETFRF1</i>	0.313782	0.130823	2.39853	0.01646101	0.215530326
<i>SAR1B</i>	0.265649	0.110757	2.398498	0.01646248	0.215530326
<i>RBM38</i>	-0.315403	0.131516	-2.398204	0.01647567	0.215530326
<i>ENSG00000262429</i>	-1.087831	0.453698	-2.397698	0.01649848	NA
<i>MAGEH1</i>	-0.407146	0.169937	-2.395863	0.01658129	0.216465864
<i>PTTG1IP</i>	0.398566	0.1664	2.39522	0.01661041	0.216465864
<i>NDUFA7</i>	-0.279841	0.116859	-2.394699	0.01663401	0.216465864
<i>EML4</i>	0.219004	0.091458	2.394578	0.01663951	0.216465864
<i>RANGRF</i>	-0.231037	0.09649	-2.394421	0.01664663	0.216465864
<i>ANGPTL6</i>	1.474415	0.616004	2.393518	0.01668768	NA
<i>ZNF43</i>	-0.308936	0.129092	-2.393143	0.01670471	0.216722989
<i>LENG1</i>	0.271828	0.113593	2.392994	0.0167115	0.216722989
<i>FUT7</i>	1.705627	0.712839	2.392726	0.01672374	NA
<i>BLOC1S2</i>	-0.177242	0.074077	-2.392673	0.01672614	0.216722989
<i>LINC02193</i>	-0.732803	0.306491	-2.390942	0.01680519	0.217488288
<i>B4GALT1.AS1</i>	-0.981338	0.411189	-2.386585	0.01700567	0.219759516
<i>TMEM161A</i>	-0.386871	0.162125	-2.386252	0.01702107	0.219759516

<i>DUSP12</i>	-0.250611	0.105057	-2.385484	0.01705665	0.219910123
<i>TESMIN</i>	-2.337267	0.979865	-2.385295	0.01706545	NA
<i>TXLNB</i>	1.014102	0.425213	2.384928	0.01708247	0.219910123
<i>ZNF879</i>	-0.529627	0.222094	-2.384694	0.01709335	0.219910123
<i>GNL3L</i>	-0.293324	0.123197	-2.380931	0.01726894	0.221671608
<i>GANC</i>	0.446424	0.187503	2.380887	0.017271	0.221671608
<i>ACSL3</i>	-0.310835	0.130619	-2.379715	0.01732602	0.222115854
<i>MMAB</i>	-0.15846	0.066643	-2.377734	0.0174194	0.222683932
<i>SAR1A</i>	-0.245148	0.103107	-2.377613	0.0174251	0.222683932
<i>DUSP14</i>	0.446502	0.187805	2.377473	0.01743171	0.222683932
<i>STAG3</i>	0.458965	0.193149	2.376225	0.0174908	0.223176886
<i>OTUD6B.AS1</i>	0.246687	0.103836	2.375733	0.01751415	0.223213163
<i>HLA.G</i>	-1.345857	0.56667	-2.375027	0.01754766	0.223378643
<i>AHCYL1</i>	0.253389	0.106737	2.37396	0.01759847	0.223763675
<i>PPP1R16A</i>	-0.411149	0.173227	-2.373465	0.01762207	0.223802374
<i>PELI3</i>	-1.04999	0.44261	-2.372269	0.01767921	0.223912874
<i>COX11</i>	-0.212351	0.089519	-2.372139	0.01768546	0.223912874
<i>HINT2</i>	-0.210999	0.088954	-2.371992	0.01769249	0.223912874
<i>FBXL3</i>	0.307428	0.129645	2.371311	0.0177251	0.224065082
<i>ZNF532</i>	0.60182	0.253838	2.370876	0.01774596	0.224068503
<i>RNF19A</i>	0.36518	0.154109	2.369622	0.0178063	0.224433154
<i>LPCAT2</i>	-1.852675	0.782028	-2.369064	0.01783317	NA
<i>HEXA</i>	0.266488	0.112488	2.369039	0.01783437	0.224433154
<i>NUP210</i>	0.259321	0.109465	2.368991	0.0178367	0.224433154
<i>RASA4</i>	0.443264	0.18722	2.367609	0.01790343	0.225012602
<i>C19orf48</i>	0.33371	0.141009	2.366579	0.01795335	0.225379803
<i>SAP25</i>	0.70138	0.296496	2.365562	0.01800272	0.225531429
<i>RING1</i>	-0.251801	0.106448	-2.365477	0.01800687	0.225531429
<i>SULT1A3</i>	0.598288	0.253082	2.364014	0.01807815	0.225648098
<i>FAM129C</i>	-0.387281	0.163835	-2.363844	0.01808645	0.225648098
<i>PACSIN2</i>	0.311162	0.13164	2.363734	0.01809177	0.225648098
<i>SEMA4A</i>	-1.066171	0.451314	-2.36237	0.0181585	0.225648098
<i>IL7R</i>	-1.205665	0.510428	-2.362068	0.01817332	0.225648098
<i>ENSG00000271646</i>	-0.375553	0.158995	-2.362042	0.01817459	0.225648098
<i>ADGRE2</i>	1.090221	0.461563	2.36202	0.01817566	0.225648098
<i>HAUS4</i>	0.507005	0.214661	2.36189	0.01818205	0.225648098
<i>STMN1</i>	-0.457091	0.193624	-2.360717	0.01823962	0.226104824
<i>FUS</i>	0.111086	0.047089	2.359061	0.01832125	0.226858294
<i>RPS15A</i>	0.128049	0.054299	2.358214	0.01836309	0.22688864
<i>DAXX</i>	0.234096	0.09927	2.358168	0.01836539	0.22688864
<i>SKP2</i>	-0.426967	0.181123	-2.357337	0.01840653	0.227139097
<i>ZNF574</i>	0.494825	0.210048	2.355766	0.01848454	0.227791444
<i>CHD2</i>	0.236758	0.10053	2.355095	0.01851796	0.227791444
<i>MAVS</i>	0.233871	0.099308	2.355011	0.01852218	0.227791444
<i>CTSS</i>	0.180807	0.076865	2.352282	0.01865861	0.229149592
<i>NUAK2</i>	-0.341641	0.145258	-2.351961	0.01867472	0.229149592
<i>PSME2</i>	-0.163232	0.069432	-2.350954	0.01872537	0.22928596

<i>TUBB4A</i>	1.734952	0.738156	2.350387	0.0187539	NA
<i>HACD2</i>	-0.316085	0.134486	-2.350319	0.01875734	0.22928596
<i>GRK2</i>	0.253267	0.107773	2.349996	0.01877359	0.22928596
<i>TMEM87B</i>	0.504156	0.214545	2.349882	0.01877936	0.22928596
<i>BLOC1S1</i>	-0.124437	0.05296	-2.349648	0.01879117	0.22928596
<i>SNRPD1</i>	-0.170706	0.072668	-2.349113	0.01881821	0.229315436
<i>TRIM5</i>	0.590703	0.251495	2.348766	0.01883572	0.229315436
<i>USP40</i>	0.623864	0.265705	2.347957	0.01887671	0.229557675
<i>DNPEP</i>	-0.186351	0.079404	-2.346873	0.01893173	0.229872145
<i>ATP6VOE1</i>	0.177714	0.075732	2.346615	0.01894481	0.229872145
<i>HAUS6</i>	0.369096	0.157326	2.346066	0.01897272	0.229943531
<i>C10orf143</i>	1.018612	0.434252	2.345669	0.01899295	0.229943531
<i>ZNF785</i>	0.393869	0.16802	2.344182	0.01906885	0.230575085
<i>ENSG00000272086</i>	-0.839239	0.358145	-2.343295	0.01911428	0.230575085
<i>CCT8</i>	0.244129	0.104187	2.343184	0.01911993	0.230575085
<i>SUDS3</i>	0.225493	0.096242	2.342991	0.01912985	0.230575085
<i>TBX21</i>	1.511667	0.645304	2.342566	0.01915165	NA
<i>SAT2</i>	0.270239	0.115361	2.342554	0.01915229	0.230590125
<i>ENSG00000185527</i>	-0.919756	0.392797	-2.341557	0.0192035	0.230951257
<i>ZNF540</i>	0.909221	0.388522	2.340205	0.01927315	0.231293146
<i>RPS27A</i>	0.109318	0.046713	2.34018	0.01927443	0.231293146
<i>DEF8</i>	-0.347402	0.148515	-2.339168	0.01932672	0.231665245
<i>PRDM1</i>	0.886535	0.379193	2.337952	0.01938976	0.232113258
<i>TNS3</i>	0.539321	0.230713	2.337624	0.01940675	0.232113258
<i>GATD3B</i>	-1.148076	0.49139	-2.336385	0.0194712	0.232628421
<i>MRPL38</i>	-0.482878	0.206767	-2.335379	0.01952366	0.23299941
<i>EIF4B</i>	0.148084	0.063448	2.333919	0.01959996	0.233653846
<i>PGBD2</i>	0.366129	0.156938	2.332946	0.019651	0.233792846
<i>WDR55</i>	-0.265462	0.113792	-2.332877	0.01965458	0.233792846
<i>DDX17</i>	0.155255	0.066579	2.331889	0.01970654	0.234154988
<i>HIST1H3E</i>	0.866868	0.371949	2.330608	0.01977404	0.234185309
<i>GGCT</i>	-0.199812	0.085737	-2.330527	0.01977831	0.234185309
<i>STAT3</i>	0.263556	0.113122	2.329827	0.01981531	0.234185309
<i>PTPDC1</i>	0.737376	0.316498	2.329797	0.0198169	0.234185309
<i>TNFAIP3</i>	-0.360999	0.154988	-2.329206	0.01984817	0.234185309
<i>ENSG00000271204</i>	0.491627	0.211072	2.329194	0.01984878	0.234185309
<i>SLC25A43</i>	0.417865	0.179419	2.328988	0.01985971	0.234185309
<i>ZNF341.AS1</i>	-1.726044	0.741849	-2.326679	0.01998237	NA
<i>SRSF6</i>	-0.284116	0.122174	-2.325496	0.02004545	0.236062291
<i>ZNF81</i>	-0.662846	0.285073	-2.325181	0.02006226	0.236062291
<i>ACTR3B</i>	-0.524815	0.225776	-2.324487	0.0200994	0.236243958
<i>RAB6A</i>	0.227252	0.097794	2.323788	0.02013688	0.236397749
<i>CDC42</i>	-0.154902	0.06668	-2.323083	0.02017467	0.236397749
<i>RPP21</i>	-0.28946	0.124616	-2.32282	0.02018882	0.236397749
<i>SYTL1</i>	0.278021	0.119718	2.322291	0.02021728	0.236397749
<i>CYP4V2</i>	0.744595	0.320717	2.32166	0.02025126	0.236397749
<i>MRPL57</i>	-0.154827	0.066702	-2.321167	0.02027784	0.236397749

<i>TBC1D10C</i>	0.216359	0.093217	2.32102	0.02028578	0.236397749
<i>PDE6B</i>	-0.429582	0.185108	-2.320702	0.02030295	0.236397749
<i>NCK2</i>	0.367291	0.158301	2.320214	0.02032932	0.236397749
<i>FAM13A</i>	-0.824861	0.355512	-2.320207	0.02032969	0.236397749
<i>TAF12</i>	0.193221	0.083303	2.319503	0.0203678	0.236565601
<i>ENSG00000228506</i>	-1.41462	0.609927	-2.319328	0.02037724	NA
<i>UXT</i>	0.094432	0.040719	2.319137	0.02038759	0.236565601
<i>CCDC126</i>	0.497156	0.214489	2.317862	0.02045681	0.23679632
<i>NOL9</i>	-0.345235	0.14895	-2.317789	0.02046077	0.23679632
<i>NIPAL3</i>	0.33358	0.143935	2.317569	0.02047274	0.23679632
<i>ENSG00000259976</i>	0.653086	0.282147	2.3147	0.02062935	0.238107566
<i>DSTN</i>	-0.165202	0.071373	-2.314634	0.02063299	0.238107566
<i>RESF1</i>	0.214164	0.092567	2.313614	0.0206889	0.238107566
<i>SRP9</i>	-0.165677	0.071611	-2.313557	0.02069205	0.238107566
<i>TUBGCP5</i>	-0.592635	0.256165	-2.313494	0.02069549	0.238107566
<i>C3orf14</i>	1.505504	0.651199	2.311894	0.02078355	0.238592996
<i>FAR1</i>	-0.394609	0.170705	-2.311645	0.02079724	0.238592996
<i>ZNF397</i>	0.267439	0.115697	2.311533	0.02080345	0.238592996
<i>C20orf27</i>	-0.225854	0.097747	-2.310611	0.02085438	0.238925292
<i>DCLRE1C</i>	0.205137	0.088806	2.309928	0.02089215	0.239068425
<i>ROCK1</i>	0.159337	0.068997	2.30932	0.02092583	0.239068425
<i>ELMO1</i>	0.293779	0.127221	2.309195	0.02093276	0.239068425
<i>TFEC</i>	0.87407	0.378623	2.308549	0.02096862	0.239083173
<i>MGAT5B</i>	-1.185703	0.513652	-2.30838	0.02097799	0.239083173
<i>C2orf42</i>	0.478185	0.207202	2.307817	0.02100931	0.239189625
<i>SUZ12</i>	0.227188	0.098552	2.305257	0.0211522	0.240564835
<i>CPNE3</i>	-0.227969	0.098938	-2.30416	0.02121366	0.240912648
<i>PRPSAP2</i>	0.297002	0.128911	2.303921	0.02122705	0.240912648
<i>TOLLIP.AS1</i>	-1.484193	0.644298	-2.30358	0.02124623	NA
<i>ENSG00000262580</i>	1.215657	0.527778	2.303349	0.02125921	NA
<i>ENSG00000238142</i>	0.453114	0.196777	2.302674	0.02129722	0.24145718
<i>MAP2K3</i>	-0.226434	0.098369	-2.301876	0.02134215	0.241714861
<i>TLE6</i>	-2.663642	1.1576	-2.301004	0.02139139	NA
<i>NDRG3</i>	0.375065	0.163132	2.299156	0.02149609	0.24320526
<i>PIEZO1</i>	0.445128	0.193654	2.298578	0.02152892	0.243323712
<i>KLHDC3</i>	-0.208757	0.090845	-2.297949	0.02156467	0.243414673
<i>NUCB2</i>	-0.64808	0.282062	-2.29765	0.02158169	0.243414673
<i>SIDT1.AS1</i>	-0.719195	0.313252	-2.295898	0.02168173	0.24417482
<i>BLNK</i>	0.255481	0.111288	2.295684	0.02169396	0.24417482
<i>ADARB1</i>	-0.438637	0.191115	-2.295149	0.0217246	0.24426708
<i>RAF1</i>	0.247854	0.108048	2.293912	0.02179553	0.244811702
<i>GOLPH3L</i>	0.457726	0.199667	2.29244	0.02188029	0.245510366
<i>ERGIC1</i>	-0.223546	0.097536	-2.291938	0.02190924	0.245535904
<i>LPCAT1</i>	0.419561	0.183085	2.291618	0.02192768	0.245535904
<i>GABPB1</i>	-0.231923	0.101246	-2.290696	0.02198102	0.245864101
<i>PTPRN2</i>	0.448723	0.195921	2.29033	0.02200217	0.245864101
<i>PSME4</i>	-0.277673	0.121331	-2.288556	0.02210518	0.246761829

<i>SENP1</i>	-0.469863	0.205346	-2.288151	0.02212871	0.246771378
<i>TRA2B</i>	-0.182702	0.079879	-2.28725	0.02218126	0.246847181
<i>SGCE</i>	0.893512	0.390653	2.287226	0.02218264	0.246847181
<i>IL9R</i>	1.197403	0.523653	2.286633	0.02221728	0.246847181
<i>ARHGAP18</i>	0.519619	0.227257	2.286479	0.02222623	0.246847181
<i>THOC3</i>	-0.416684	0.182376	-2.284752	0.02232737	0.247717688
<i>PIM1</i>	-0.502911	0.220187	-2.284022	0.02237027	0.247913827
<i>ABHD11</i>	-0.39269	0.172002	-2.283057	0.02242702	0.247913827
<i>SDAD1</i>	-0.203163	0.089004	-2.282626	0.02245243	0.247913827
<i>C2orf76</i>	-0.339066	0.148558	-2.28238	0.02246692	0.247913827
<i>MSMO1</i>	0.224658	0.09844	2.282183	0.02247854	0.247913827
<i>DTX3L</i>	0.27911	0.122302	2.282129	0.02248171	0.247913827
<i>ZSWIM7</i>	-0.312498	0.136973	-2.281467	0.02252083	0.248093836
<i>BANK1</i>	0.382661	0.167783	2.280686	0.02256706	0.24835178
<i>RASA3</i>	0.634116	0.278242	2.279013	0.02266631	0.24896572
<i>TTC17</i>	-0.249566	0.109525	-2.278632	0.02268896	0.24896572
<i>LEPROTL1</i>	-0.329022	0.144404	-2.278489	0.02269745	0.24896572
<i>DUS3L</i>	-0.392644	0.172373	-2.277882	0.02273362	0.24896572
<i>RPP40</i>	-0.449814	0.197498	-2.277558	0.02275295	0.24896572
<i>MAN2B1</i>	-0.286357	0.125736	-2.277438	0.0227601	0.24896572
<i>ERICH1</i>	0.170391	0.074871	2.275784	0.02285893	0.249538639
<i>PSMG4</i>	-0.239379	0.105198	-2.275514	0.02287514	0.249538639
<i>LINC01684</i>	-0.695435	0.30563	-2.275412	0.02288125	0.249538639
<i>LTBP4</i>	0.468703	0.20606	2.274596	0.0229302	0.249643967
<i>ALG5</i>	-0.224343	0.098635	-2.274486	0.02293679	0.249643967
<i>USP54</i>	-0.92714	0.407818	-2.273415	0.02300116	0.25009448
<i>PPFIBP2</i>	0.366772	0.161406	2.272361	0.02306472	0.250535358
<i>MYO9B</i>	0.277595	0.122301	2.269764	0.0232219	0.251922842
<i>FAM241A</i>	-0.482224	0.212486	-2.269437	0.02324178	0.251922842
<i>LINC01480</i>	-0.512778	0.225982	-2.269106	0.02326189	0.251922842
<i>CD83</i>	-0.349592	0.154093	-2.268712	0.02328586	0.251931654
<i>RNF167</i>	0.178144	0.0786	2.266455	0.02342356	0.253169815
<i>FASTKD2</i>	-0.342749	0.151279	-2.265681	0.02347094	0.253181499
<i>OSBPL1A</i>	-1.090993	0.481533	-2.265666	0.02347183	0.253181499
<i>DUSP18</i>	0.430548	0.190063	2.265298	0.02349442	0.253181499
<i>HNRNPK</i>	-0.120148	0.053052	-2.264729	0.0235293	0.253214203
<i>ERI1</i>	0.436387	0.192709	2.264484	0.02354435	0.253214203
<i>TEX30</i>	0.29607	0.130784	2.263801	0.02358633	0.253214203
<i>C1orf216</i>	0.36741	0.162335	2.263292	0.02361769	0.253214203
<i>SMAD2</i>	0.271318	0.11989	2.263051	0.02363255	0.253214203
<i>AKT3</i>	0.468315	0.206946	2.262978	0.02363705	0.253214203
<i>SPRYD4</i>	-0.378497	0.16746	-2.260225	0.02380728	0.254541243
<i>PXDC1</i>	-0.664004	0.293823	-2.259882	0.02382859	0.254541243
<i>CNKSRR2</i>	0.849597	0.376065	2.259173	0.02387261	0.254541243
<i>ZNF318</i>	0.352542	0.156049	2.259169	0.02387289	0.254541243
<i>IER2</i>	-0.153674	0.068032	-2.258839	0.02389342	0.254541243
<i>MAP2K1</i>	0.270838	0.119908	2.258713	0.02390125	0.254541243

<i>MZB1</i>	-0.401087	0.177841	-2.255317	0.02411344	0.256550013
<i>ELP6</i>	-0.304793	0.135172	-2.254852	0.02414265	0.256609963
<i>SLC35D2</i>	1.273117	0.56478	2.254184	0.02418461	NA
<i>ICAM3</i>	0.170265	0.075605	2.252022	0.02432091	0.25820965
<i>ZNF860</i>	0.636377	0.282684	2.251197	0.02437307	0.25820965
<i>RNF123</i>	-0.498106	0.22128	-2.251018	0.02438443	0.25820965
<i>ZFC3H1</i>	0.288466	0.128153	2.25096	0.02438805	0.25820965
<i>MRFAP1L1</i>	0.273865	0.121715	2.25006	0.02444511	0.258382079
<i>ZBTB4</i>	0.414285	0.18413	2.249955	0.02445181	0.258382079
<i>SRSF2</i>	-0.173019	0.076941	-2.248727	0.02452984	0.258730444
<i>RBM26.AS1</i>	-0.642821	0.285891	-2.248482	0.02454546	0.258730444
<i>MAPK9</i>	0.450942	0.200569	2.248315	0.0245561	0.258730444
<i>EYA3</i>	0.575063	0.255901	2.247212	0.02462649	0.259037028
<i>LPP</i>	0.334735	0.148975	2.24692	0.02464515	0.259037028
<i>ZNF16</i>	-0.365768	0.162799	-2.246741	0.02465659	0.259037028
<i>TMEM101</i>	0.27397	0.121989	2.245849	0.0247137	0.259386623
<i>DGKG</i>	1.814856	0.808119	2.245776	0.02471833	NA
<i>EID1</i>	-0.149974	0.066795	-2.245297	0.02474908	0.259507737
<i>TENT4B</i>	0.420864	0.187516	2.244424	0.02480515	0.259726917
<i>SIGMAR1</i>	-0.314892	0.140312	-2.244228	0.02481771	0.259726917
<i>ENSG00000267364</i>	1.207889	0.538403	2.243467	0.02486672	0.25998981
<i>PPP1R13L</i>	0.762148	0.339908	2.242218	0.02494729	0.260505171
<i>POMGNT1</i>	-0.293187	0.130773	-2.241961	0.02496388	0.260505171
<i>KLHDC7B</i>	-0.644262	0.287528	-2.240692	0.02504601	0.261111858
<i>SEPHS1</i>	-0.407634	0.181971	-2.240107	0.02508397	0.261257359
<i>ENSG00000267939</i>	-1.613054	0.720179	-2.239796	0.02510418	NA
<i>ARL5A</i>	0.177759	0.079373	2.239555	0.02511982	0.261380659
<i>SH2D2A</i>	-0.625106	0.2794	-2.237313	0.02526589	0.262649451
<i>ZNF362</i>	-0.536652	0.23993	-2.236707	0.02530551	0.262775796
<i>CMTM8</i>	-1.163331	0.520183	-2.236389	0.02532633	0.262775796
<i>PHOSPHO2</i>	0.520158	0.232737	2.234962	0.02541985	0.263494875
<i>PRR4</i>	0.426181	0.190768	2.234025	0.02548144	0.263882029
<i>ENSG00000268568</i>	-0.818675	0.366762	-2.232171	0.02560367	0.264895723
<i>FAM160B2</i>	-0.476232	0.213483	-2.230774	0.02569611	0.265599676
<i>TCF3</i>	0.217504	0.097572	2.229157	0.02580349	0.266456565
<i>ZCCHC10</i>	0.212387	0.09531	2.228393	0.02585431	0.266567859
<i>PARS2</i>	0.7457	0.334667	2.228187	0.02586807	0.266567859
<i>NOTCH2</i>	0.277182	0.124415	2.227892	0.02588775	0.266567859
<i>NME2</i>	-0.327136	0.146889	-2.227101	0.02594055	0.266625977
<i>NT5DC4</i>	0.780724	0.350561	2.227073	0.02594238	0.266625977
<i>ENSG00000262165</i>	-1.705363	0.765746	-2.227061	0.02594321	NA
<i>AIMP2</i>	-0.319103	0.143414	-2.225045	0.02607824	0.267640928
<i>CBX3</i>	-0.145456	0.065377	-2.224865	0.02609032	0.267640928
<i>BCL2L11</i>	-0.338002	0.15199	-2.223839	0.02615927	0.268095575
<i>SIGLEC14</i>	0.835957	0.376022	2.223159	0.02620507	0.268312297
<i>TGFBR2</i>	0.198349	0.089262	2.222101	0.02627646	0.268554337
<i>PPIL2</i>	-0.338824	0.152481	-2.222078	0.02627806	0.268554337

<i>P4HB</i>	-0.153552	0.069139	-2.220914	0.02635681	0.269071758
<i>KDM1B</i>	0.724752	0.326377	2.220599	0.02637813	0.269071758
<i>IGFBP4</i>	-0.841472	0.379211	-2.219009	0.0264861	0.269920176
<i>FBXO8</i>	0.427447	0.192764	2.217468	0.02659111	0.2705651
<i>CYP3A5</i>	0.536829	0.242107	2.217319	0.02660133	0.2705651
<i>NFE2L2</i>	0.176376	0.079557	2.216987	0.02662396	0.2705651
<i>SH2D3C</i>	0.416807	0.188051	2.216454	0.02666043	0.270682906
<i>ZNF285</i>	0.802175	0.362041	2.215701	0.02671196	0.270953345
<i>AGFG2</i>	0.79636	0.359832	2.213142	0.02688786	0.272301643
<i>C6orf203</i>	0.331907	0.149978	2.21304	0.02689492	0.272301643
<i>TMSB4Y</i>	-1.220146	0.551932	-2.210679	0.02705807	0.273698957
<i>FAM214B</i>	0.728775	0.330134	2.207509	0.02727849	0.274984419
<i>HAUS1</i>	-0.205091	0.09291	-2.207416	0.02728504	0.274984419
<i>UCK2</i>	-0.373644	0.169293	-2.207083	0.02730827	0.274984419
<i>TRMT1L</i>	0.390759	0.177052	2.207029	0.02731205	0.274984419
<i>ENSG00000245869</i>	0.501748	0.227355	2.206896	0.0273213	0.274984419
<i>MRPS15</i>	-0.180286	0.081706	-2.206529	0.027347	0.274984419
<i>H2AFY</i>	-0.171287	0.077664	-2.205495	0.02741939	0.274984419
<i>IGKV1.12</i>	-0.721682	0.327235	-2.205395	0.02742641	0.274984419
<i>CHID1</i>	-0.268407	0.121706	-2.205367	0.02742832	0.274984419
<i>NRBF2</i>	0.239368	0.108545	2.205232	0.02743781	0.274984419
<i>ARMC7</i>	0.408997	0.185543	2.204323	0.02750167	0.275370865
<i>SLC27A3</i>	0.820377	0.372311	2.203474	0.02756133	0.275714579
<i>HIPK1</i>	0.37359	0.169694	2.201555	0.02769677	0.276815106
<i>P4HA1</i>	-0.36953	0.167943	-2.200333	0.02778331	0.27716654
<i>ARID3A</i>	0.452174	0.205535	2.199987	0.02780782	0.27716654
<i>ZNF430</i>	0.232573	0.105748	2.199304	0.02785628	0.27716654
<i>ENSG00000251364</i>	1.016704	0.46229	2.199279	0.02785809	0.27716654
<i>RABEPK</i>	-0.273592	0.124402	-2.199263	0.02785926	0.27716654
<i>PITPNM2</i>	-0.788615	0.358693	-2.19858	0.0279078	0.277242904
<i>HMG20B</i>	-0.161939	0.073672	-2.198118	0.02794067	0.277242904
<i>QTRT1</i>	-0.20914	0.095147	-2.198081	0.02794335	0.277242904
<i>NCAPH2</i>	-0.321046	0.146161	-2.196528	0.02805417	0.277756874
<i>FHOD1</i>	0.383185	0.174473	2.196245	0.02807443	0.277756874
<i>PRKACA</i>	0.391523	0.178286	2.196039	0.02808916	0.277756874
<i>DIS3L</i>	0.449165	0.204544	2.195926	0.02809724	0.277756874
<i>SSU72</i>	-0.1819	0.082874	-2.1949	0.02817077	0.278116949
<i>ZNF417</i>	0.687691	0.313375	2.194467	0.02820184	0.278116949
<i>AHCTF1</i>	0.359915	0.164019	2.194349	0.02821032	0.278116949
<i>POR</i>	-0.309238	0.140959	-2.193812	0.02824893	0.278245531
<i>MRFAP1</i>	0.171336	0.078135	2.192831	0.02831954	0.278688866
<i>THRB</i>	1.643647	0.749602	2.192694	0.02832947	NA
<i>ZNF225</i>	0.649641	0.296801	2.188813	0.02861041	0.281296881
<i>SNRPA1</i>	-0.213985	0.097785	-2.188325	0.02864593	0.281391976
<i>C15orf62</i>	-0.580335	0.265295	-2.187509	0.02870537	0.281721573
<i>RMND5B</i>	-0.291806	0.133426	-2.187021	0.028741	0.281817119
<i>SIAE</i>	1.404104	0.642149	2.18657	0.02877394	NA



<i>DCBLD2</i>	-0.969631	0.443716	-2.185251	0.02887045	0.282540603
<i>JRKL</i>	0.526143	0.240823	2.184769	0.02890579	0.282540603
<i>ENSG00000253140</i>	1.373869	0.628843	2.184759	0.02890654	0.282540603
<i>USP44</i>	0.942871	0.431686	2.184161	0.02895039	0.282540603
<i>UROS</i>	-0.293434	0.134354	-2.184037	0.02895953	0.282540603
<i>URB1.AS1</i>	-0.576235	0.263857	-2.183887	0.02897054	0.282540603
<i>DUSP2</i>	-0.454766	0.208342	-2.182785	0.02905165	0.28291859
<i>GABARAPL2</i>	0.156619	0.071756	2.182654	0.02906128	0.28291859
<i>HIST2H2BF</i>	1.443723	0.661525	2.182418	0.02907873	NA
<i>SERAC1</i>	-0.680878	0.312133	-2.181369	0.02915611	0.283588122
<i>SIRT7</i>	0.221833	0.101769	2.179781	0.02927367	0.284307116
<i>ELMSAN1</i>	0.30635	0.140549	2.179665	0.02928228	0.284307116
<i>LINC01678</i>	-0.398703	0.182998	-2.178723	0.02935228	0.28458321
<i>FAM120A</i>	0.208974	0.095922	2.178578	0.02936301	0.28458321
<i>AFF2</i>	-1.539875	0.707048	-2.177894	0.02941396	NA
<i>PDP2</i>	0.664169	0.305141	2.176599	0.0295105	0.285754654
<i>NADK2</i>	-0.48566	0.223163	-2.176253	0.02953638	0.285754654
<i>MRPL19</i>	-0.202806	0.093218	-2.175601	0.02958508	0.2859716
<i>TMF1</i>	0.235138	0.108106	2.175074	0.02962458	0.285983262
<i>ENSG00000259153</i>	0.825537	0.379682	2.174286	0.02968365	0.285983262
<i>ECHDC2</i>	0.678637	0.31214	2.174146	0.02969416	0.285983262
<i>SGPL1</i>	-0.286972	0.132004	-2.173968	0.02970754	0.285983262
<i>MCM8</i>	0.555549	0.255562	2.173833	0.02971767	0.285983262
<i>BRD3OS</i>	0.320661	0.147662	2.171586	0.02988688	0.287319492
<i>SUN1</i>	-0.224307	0.103306	-2.171289	0.02990932	0.287319492
<i>CMTM3</i>	-0.788146	0.363091	-2.170656	0.02995717	0.287525452
<i>ZNF107</i>	0.415916	0.191796	2.168538	0.03011781	0.288812563
<i>FANCL</i>	0.535299	0.246892	2.168154	0.03014697	0.288837727
<i>CYREN</i>	-0.219751	0.101437	-2.166382	0.030282	0.289312401
<i>SEC24D</i>	0.513469	0.237064	2.165949	0.03031507	0.289312401
<i>USP30</i>	-0.751546	0.347002	-2.165825	0.03032456	0.289312401
<i>PTMA</i>	-0.132137	0.061029	-2.165153	0.03037594	0.289312401
<i>CALR</i>	-0.176128	0.081347	-2.165149	0.03037625	0.289312401
<i>RBM19</i>	-0.260749	0.120438	-2.165006	0.03038723	0.289312401
<i>COG3</i>	-0.374917	0.173192	-2.164745	0.03040722	0.289312401
<i>HADHA</i>	0.166765	0.077049	2.164393	0.03043417	0.289312401
<i>KCP</i>	1.043722	0.482228	2.164373	0.03043575	0.289312401
<i>RNF32</i>	1.082795	0.500489	2.163476	0.03050456	NA
<i>NAP1L1</i>	0.158312	0.073175	2.163461	0.03050575	0.289724757
<i>TRIM32</i>	0.780535	0.361279	2.160478	0.0307357	0.291362447
<i>ZBTB37</i>	0.439344	0.2034	2.160003	0.03077244	0.291362447
<i>SLC4A7</i>	0.382898	0.177278	2.159872	0.03078256	0.291362447
<i>ARFGEF2</i>	0.334734	0.154981	2.159837	0.03078526	0.291362447
<i>ASAP1</i>	0.43818	0.202954	2.159015	0.030849	0.291711961
<i>ENSG00000260274</i>	-0.727068	0.336951	-2.157784	0.03094466	0.292166368
<i>SPATC1L</i>	-0.403092	0.186815	-2.157705	0.03095074	0.292166368
<i>PMF1</i>	-0.203886	0.094539	-2.15663	0.0310345	0.292368533

MEST	-0.404967	0.187784	-2.156562	0.03103981	0.292368533
OSBPL3	0.616572	0.285927	2.156396	0.03105274	0.292368533
NUDT16L1	-0.231286	0.107278	-2.155941	0.03108825	0.292449903
SNHG19	-0.272469	0.126435	-2.155007	0.03116131	0.292884061
NAA16	0.438021	0.203326	2.154279	0.03121831	0.293166614
TMEM242	-0.249928	0.116037	-2.153866	0.0312507	0.293217789
KIAA1958	-0.691241	0.321252	-2.151712	0.03142003	0.294552583
MSANTD4	0.398821	0.185384	2.151321	0.03145089	0.294588209
NDUFS6	-0.158064	0.073503	-2.150437	0.03152063	0.294598454
S100A11	0.375498	0.174638	2.150153	0.03154308	0.294598454
RIPOR2	0.191997	0.089298	2.150076	0.03154919	0.294598454
BAZ2A	0.220993	0.102791	2.149922	0.03156139	0.294598454
NDUF4F4	0.228758	0.106419	2.149594	0.03158732	0.294598454
KLF13	0.25062	0.116648	2.148521	0.03167242	0.29499381
SLC38A2	0.20449	0.095191	2.148214	0.03169676	0.29499381
IFRD2	-0.19669	0.091567	-2.148034	0.03171102	0.29499381
LINC00339	0.788101	0.367112	2.146759	0.03181245	0.295396108
TMEM121	-0.817756	0.380979	-2.14646	0.03183629	0.295396108
KDM4D	-1.509386	0.703333	-2.146047	0.03186925	NA
ZNF384	-0.362672	0.169017	-2.145773	0.03189108	0.295396108
DPM1	0.21498	0.100192	2.145675	0.0318989	0.295396108
EIF2AK3	-0.43099	0.200875	-2.145563	0.03190784	0.295396108
LRRC56	0.791657	0.368994	2.145447	0.03191711	0.295396108
FAM43A	0.693924	0.323515	2.144952	0.03195665	0.295510799
SBNO1	0.177258	0.082665	2.144299	0.03200893	0.295742908
MOSPD3	-0.265407	0.123805	-2.143751	0.03205287	0.295897696
ARCN1	0.287918	0.134379	2.142576	0.03214714	0.296259619
DAGLB	0.515282	0.240555	2.142055	0.03218906	0.296259619
DNTTIP1	0.267349	0.12481	2.142045	0.03218989	0.296259619
UBR5	0.268147	0.125191	2.141907	0.03220095	0.296259619
MTRNR2L12	-0.300746	0.140517	-2.140281	0.03233209	0.296992567
FLYWCH1	0.416308	0.194514	2.140242	0.03233519	0.296992567
CD320	-0.228405	0.106774	-2.139158	0.03242285	0.29754662
TMSB10	-0.125138	0.058527	-2.138135	0.03250581	0.297880265
BAG6	-0.211753	0.099041	-2.138035	0.03251394	0.297880265
ATRAID	-0.160855	0.075349	-2.134811	0.03277646	0.299763754
CYTIP	0.249963	0.117091	2.134778	0.03277912	0.299763754
ENSG00000265206	0.25093	0.117559	2.134497	0.03280215	0.299763754
NAA10	-0.171707	0.080469	-2.133814	0.03285802	0.300022379
CHKB	-0.355581	0.166745	-2.132485	0.03296702	0.300574865
SERTAD1	0.372615	0.174739	2.132403	0.03297376	0.300574865
MYLK.AS1	-0.604498	0.283568	-2.131759	0.03302665	0.300794734
TRIM16	-0.43312	0.203246	-2.131018	0.0330877	0.300794734
TM9SF4	-0.355591	0.166871	-2.130937	0.03309433	0.300794734
TMX2	0.200479	0.094088	2.130766	0.03310842	0.300794734
TENT5A	0.442287	0.207883	2.127574	0.03337239	0.302768837
PDPR	-0.542707	0.255096	-2.127466	0.03338135	0.302768837

<i>ISCA1</i>	-0.189378	0.08904	-2.126881	0.03342994	0.302957071
<i>HIST1H1B</i>	1.429306	0.672256	2.126133	0.03349217	NA
<i>VWCE</i>	-0.669377	0.314964	-2.125253	0.0335655	0.303871832
<i>NR6A1</i>	-0.514664	0.242195	-2.124999	0.03358672	0.303871832
<i>PDIA3</i>	-0.169025	0.079557	-2.124585	0.03362126	0.303884195
<i>RPS5</i>	0.127103	0.059833	2.124296	0.03364538	0.303884195
<i>MT.CO1</i>	0.142723	0.067196	2.12398	0.03367184	0.303884195
<i>ARF4.AS1</i>	-0.684189	0.322293	-2.12288	0.03376388	0.304197039
<i>ZNF468</i>	-0.413884	0.194967	-2.122839	0.03376731	0.304197039
<i>MDFIC</i>	0.426475	0.200924	2.122565	0.03379036	0.304197039
<i>JMJD8</i>	-0.311155	0.146645	-2.121827	0.03385227	0.304502535
<i>PHF13</i>	0.680196	0.320723	2.120822	0.03393679	0.304881309
<i>FAM168B</i>	0.291286	0.137378	2.120327	0.03397851	0.304881309
<i>GPSM3</i>	0.147442	0.069541	2.120209	0.03398843	0.304881309
<i>RNF26</i>	-0.241934	0.11412	-2.119996	0.03400642	0.304881309
<i>ZNF2</i>	0.71944	0.339653	2.11816	0.03416156	0.30602009
<i>SAMD4B</i>	0.24813	0.117216	2.116864	0.03427137	0.306751314
<i>FGFR1OP2</i>	0.221093	0.104481	2.116119	0.03433466	0.306981429
<i>SPRYD7</i>	0.28116	0.13288	2.115898	0.03435349	0.306981429
<i>POMP</i>	-0.152288	0.071998	-2.115153	0.03441688	0.307040192
<i>FAF2</i>	-0.281803	0.133269	-2.114544	0.03446885	0.307040192
<i>HDAC8</i>	-0.304031	0.143783	-2.114508	0.03447188	0.307040192
<i>ENSG00000260806</i>	-0.715066	0.338173	-2.114496	0.03447291	0.307040192
<i>ENSG00000188206</i>	0.375135	0.177441	2.114137	0.03450358	0.307062087
<i>SHLD1</i>	-0.284198	0.134498	-2.113017	0.03459927	0.307662162
<i>LYRM4</i>	-0.142288	0.067352	-2.112603	0.03463475	0.307726226
<i>SDF2L1</i>	-0.259178	0.122764	-2.111185	0.03475641	0.308550389
<i>EEF1E1</i>	-0.196266	0.092983	-2.110768	0.03479227	0.308550389
<i>ABHD3</i>	0.326659	0.154776	2.110532	0.03481256	0.308550389
<i>STK10</i>	0.263097	0.12483	2.107649	0.03506139	0.310503005
<i>WDR45</i>	-0.231757	0.11003	-2.106298	0.03517845	0.311286387
<i>LINC00937</i>	-1.35238	0.642501	-2.104868	0.03530281	NA
<i>ZNF276</i>	0.315368	0.149838	2.104726	0.03531516	0.311929232
<i>VPS37A</i>	0.289076	0.137349	2.104683	0.03531888	0.311929232
<i>ZFAND4</i>	0.827942	0.39342	2.104474	0.03533708	0.311929232
<i>HLA.DPA1</i>	0.212132	0.100833	2.103791	0.03539671	0.312202409
<i>MYO1D</i>	0.928425	0.4414	2.103363	0.03543406	NA
<i>ENSG0000006025</i>	0.552209	0.262562	2.103155	0.03545226	0.312439155
<i>FBXO25</i>	-0.296229	0.140906	-2.102309	0.0355262	0.312837546
<i>SQSTM1</i>	0.191245	0.090991	2.101786	0.03557206	0.312988153
<i>KPNB1</i>	0.142089	0.067619	2.10131	0.03561377	0.313101994
<i>TCOF1</i>	-0.199932	0.095193	-2.100282	0.03570402	0.313642101
<i>FERMT3</i>	0.241829	0.115163	2.099882	0.03573924	0.313698273
<i>POLR2E</i>	-0.16088	0.076626	-2.09954	0.03576932	0.313709326
<i>CXCR3</i>	1.530395	0.72909	2.099049	0.03581259	0.313835969
<i>SGPP2</i>	1.202238	0.572893	2.098539	0.03585752	0.313970976
<i>MAPKAPK2</i>	-0.265552	0.126561	-2.09822	0.03588569	0.313970976

<i>NAP1L6</i>	-1.315932	0.627204	-2.098093	0.03589697	NA
<i>ARHGEF1</i>	0.222297	0.105968	2.09777	0.03592547	0.314066487
<i>BLOC1S3</i>	0.397707	0.189758	2.095857	0.03609484	0.315104456
<i>MOB4</i>	0.21293	0.101605	2.09566	0.03611233	0.315104456
<i>WASH9P</i>	-0.320799	0.153093	-2.09545	0.03613105	0.315104456
<i>ZNF654</i>	0.448546	0.214106	2.094967	0.03617391	0.315225683
<i>RNF6</i>	0.222172	0.106086	2.094258	0.03623697	0.315284403
<i>UBXN8</i>	-0.401322	0.191631	-2.09424	0.03623859	0.315284403
<i>CEP295</i>	0.383743	0.183275	2.093814	0.03627652	0.315362305
<i>TWISTNB</i>	-0.259132	0.123801	-2.093131	0.0363375	0.315597774
<i>CLTC</i>	0.218343	0.104327	2.092861	0.0363616	0.315597774
<i>ZFYVE21</i>	0.325943	0.155809	2.091933	0.0364445	0.316065303
<i>ENSG00000255224</i>	-1.034855	0.495075	-2.090299	0.03659099	NA
<i>ZBTB21</i>	0.4563	0.218372	2.089552	0.03665809	0.317664488
<i>COL4A3</i>	2.086439	0.998766	2.089017	0.03670622	NA
<i>NDUFV2</i>	-0.128396	0.061467	-2.088874	0.03671908	0.317737306
<i>RAB33A</i>	1.081183	0.517607	2.08881	0.03672487	0.317737306
<i>SLC43A3</i>	-0.268852	0.128744	-2.088272	0.03677333	0.317903839
<i>MUS81</i>	0.258835	0.123979	2.087728	0.03682239	0.318075328
<i>PITPNM1</i>	0.393947	0.18876	2.087024	0.03688595	0.318371695
<i>SLC11A2</i>	0.513263	0.246138	2.085268	0.03704498	0.319490928
<i>CBWD6</i>	-0.729618	0.350072	-2.084198	0.0371422	0.319840705
<i>OFD1</i>	0.260841	0.125153	2.084174	0.03714431	0.319840705
<i>UGT8</i>	0.526486	0.252764	2.082917	0.03725877	0.320572708
<i>TOMM20</i>	0.128609	0.061754	2.082591	0.03728855	0.32057546
<i>TMCC1.AS1</i>	1.091859	0.524354	2.082294	0.0373156	NA
<i>ZNF354B</i>	0.477306	0.229269	2.081864	0.03735491	0.32089251
<i>TIMM50</i>	-0.232472	0.111697	-2.081279	0.03740834	0.321098087
<i>NAGPA</i>	0.299106	0.143789	2.080175	0.0375095	0.321528531
<i>SFT2D1</i>	-0.231577	0.11133	-2.080087	0.03751757	0.321528531
<i>HSD17B11</i>	0.236607	0.113805	2.079062	0.03761163	0.321660172
<i>WAC</i>	0.201373	0.096861	2.078979	0.03761926	0.321660172
<i>ZNF234</i>	0.375102	0.180428	2.078954	0.03762159	0.321660172
<i>DEF6</i>	0.291164	0.140102	2.078234	0.03768778	0.321879798
<i>STK17A</i>	0.279152	0.134335	2.078032	0.03770643	0.321879798
<i>MBOAT2</i>	-1.328035	0.639194	-2.077672	0.03773961	NA
<i>CCL4</i>	-0.836865	0.402818	-2.077525	0.0377531	0.322025646
<i>KPNA2</i>	-0.2304	0.110918	-2.0772	0.03778307	0.32202892
<i>SMIM12</i>	-0.150522	0.072544	-2.074899	0.0379959	0.323588278
<i>MRPL53</i>	-0.210799	0.10161	-2.07458	0.03802549	0.323588278
<i>BLCAP</i>	-0.258237	0.124579	-2.072879	0.03818357	0.324337964
<i>CHD7</i>	0.240452	0.116004	2.072792	0.03819165	0.324337964
<i>EP300</i>	0.23007	0.11102	2.072325	0.03823518	0.324337964
<i>USP53</i>	0.574689	0.277324	2.072264	0.03824081	0.324337964
<i>RAB7A</i>	-0.150477	0.072623	-2.072031	0.03826258	0.324337964
<i>DSCAML1</i>	-1.466393	0.707846	-2.071627	0.03830028	NA
<i>CNOT4</i>	0.213743	0.10323	2.070543	0.03840157	0.324607027

<i>CCDC106</i>	-0.306168	0.147877	-2.070421	0.03841298	0.324607027
<i>ZNF593</i>	-0.220241	0.106392	-2.070087	0.03844422	0.324607027
<i>MTF1</i>	0.342291	0.165367	2.069891	0.03846256	0.324607027
<i>CNN2</i>	0.213138	0.10299	2.069497	0.03849952	0.324607027
<i>TRMT112</i>	0.225275	0.108856	2.069477	0.03850133	0.324607027
<i>RBM17</i>	-0.153119	0.07399	-2.069458	0.03850309	0.324607027
<i>DDX18</i>	-0.117823	0.056948	-2.068968	0.03854908	0.324743169
<i>IGHV3.23</i>	-0.816429	0.394682	-2.068572	0.0385863	0.324805331
<i>ENSG00000272030</i>	-1.06707	0.51585	-2.068566	0.03858688	NA
<i>NAV2.AS3</i>	-1.574985	0.761396	-2.068549	0.03858842	NA
<i>SEC23A</i>	0.265365	0.128333	2.067786	0.03866019	0.325175842
<i>SMYD5</i>	-0.389446	0.188394	-2.067194	0.03871586	0.325392584
<i>COPB1</i>	0.210727	0.10199	2.06615	0.03881428	0.325968032
<i>MAD2L1BP</i>	0.328359	0.15904	2.064629	0.0389581	0.326923608
<i>RAPGEF5</i>	-1.458862	0.706863	-2.063854	0.03903157	NA
<i>OSBP</i>	0.386787	0.187426	2.063681	0.03904798	0.32742539
<i>CD79B</i>	-0.274297	0.133002	-2.062356	0.03917386	0.327520276
<i>MANBA</i>	-0.256172	0.124232	-2.062046	0.03920334	0.327520276
<i>RPN1</i>	-0.222503	0.107919	-2.061766	0.03923004	0.327520276
<i>MEA1</i>	-0.165622	0.080337	-2.061591	0.03924665	0.327520276
<i>TMEM183A</i>	-0.153282	0.074356	-2.061467	0.0392585	0.327520276
<i>GNA13</i>	0.276344	0.134056	2.061414	0.03926353	0.327520276
<i>SREBF1</i>	-0.441295	0.214081	-2.061347	0.03926993	0.327520276
<i>WBP1L</i>	-0.316554	0.153597	-2.060938	0.03930895	0.327594654
<i>MPHOSPH8</i>	0.198649	0.096483	2.0589	0.0395038	0.328711855
<i>DHX30</i>	-0.201792	0.098013	-2.058821	0.03951138	0.328711855
<i>ZNF354A</i>	-0.281657	0.136821	-2.058581	0.0395344	0.328711855
<i>BET1</i>	0.239065	0.116148	2.058274	0.03956381	0.328711855
<i>HLA.DQB2</i>	-1.655289	0.804389	-2.057822	0.03960723	NA
<i>SLC15A2</i>	0.867654	0.4217	2.057513	0.03963689	0.329067789
<i>ENSG00000183308</i>	-1.475592	0.71734	-2.057034	0.03968296	NA
<i>AP2S1</i>	-0.20105	0.097746	-2.056861	0.03969956	0.329222621
<i>CD40</i>	-0.142075	0.069095	-2.056229	0.03976045	0.329222621
<i>SNAPC4</i>	-0.340751	0.165727	-2.056098	0.03977307	0.329222621
<i>IAH1</i>	0.132634	0.064523	2.055613	0.03981985	0.329222621
<i>SYNC</i>	-0.331044	0.161063	-2.055368	0.03984351	0.329222621
<i>TP53INP1</i>	0.496324	0.241478	2.055365	0.03984377	0.329222621
<i>RANBP2</i>	0.226541	0.110232	2.055121	0.03986727	0.329222621
<i>GM2A</i>	0.346106	0.168564	2.053262	0.0400472	0.330244592
<i>REL</i>	-0.238591	0.116203	-2.053215	0.04005172	0.330244592
<i>ATP6V1G1</i>	0.164226	0.080041	2.051764	0.04019258	0.33051498
<i>ENSG00000254281</i>	-1.124641	0.548217	-2.051453	0.04022287	NA
<i>PEX6</i>	0.696786	0.339672	2.051348	0.0402331	0.33051498
<i>EEA1</i>	0.283789	0.138378	2.050834	0.04028311	0.33051498
<i>ENSG00000231609</i>	-0.751287	0.366347	-2.05075	0.04029129	0.33051498
<i>WDR18</i>	-0.224129	0.109296	-2.050667	0.04029943	0.33051498
<i>ZNF451</i>	0.27914	0.136159	2.050098	0.0403549	0.33051498

<i>LINC01006</i>	0.45486	0.221875	2.05007	0.04035756	0.33051498
<i>FKBP5</i>	0.446788	0.217964	2.049821	0.04038194	0.33051498
<i>PCMTD2</i>	-0.401156	0.195737	-2.049469	0.0404163	0.33051498
<i>DCAF8</i>	-0.223977	0.109287	-2.049446	0.04041849	0.33051498
<i>MAST3</i>	0.395336	0.192899	2.049446	0.04041855	0.33051498
<i>PPP4C</i>	-0.106648	0.052057	-2.048698	0.04049167	0.330864334
<i>RAB23</i>	1.149433	0.561107	2.04851	0.04051007	NA
<i>CLIP1</i>	0.423952	0.207032	2.04776	0.04058348	0.331365788
<i>LINC00158</i>	0.621479	0.303674	2.046535	0.04070376	0.33154185
<i>NSMF</i>	-0.467396	0.228425	-2.046165	0.04074011	0.33154185
<i>ZNF714</i>	0.452005	0.220945	2.045785	0.04077751	0.33154185
<i>CEP78</i>	-0.301331	0.147332	-2.045249	0.04083036	0.33154185
<i>RALB</i>	0.261558	0.127913	2.044802	0.04087437	0.33154185
<i>DOK1</i>	0.342455	0.167496	2.044561	0.04089815	0.33154185
<i>TAPBP</i>	-0.168321	0.082328	-2.04453	0.04090121	0.33154185
<i>EGR2</i>	-0.485173	0.237361	-2.044027	0.04095086	0.33154185
<i>TNFSF12</i>	0.406039	0.198662	2.043871	0.04096628	0.33154185
<i>ATP5PF</i>	-0.145813	0.071358	-2.043407	0.04101215	0.33154185
<i>FAM49B</i>	0.136804	0.06695	2.043388	0.04101403	0.33154185
<i>ENSG00000266962</i>	0.32115	0.157174	2.043277	0.04102499	0.33154185
<i>PDE7A</i>	0.230438	0.112785	2.043168	0.04103584	0.33154185
<i>SCAND1</i>	-0.168606	0.082574	-2.041861	0.04116529	0.33154185
<i>AP2M1</i>	-0.150334	0.073636	-2.041588	0.04119242	0.33154185
<i>ENSG00000262049</i>	-0.375738	0.184081	-2.041155	0.04123545	0.33154185
<i>TCIRG1</i>	0.337821	0.165528	2.040868	0.04126396	0.33154185
<i>SLC2A4RG</i>	0.889086	0.43573	2.040451	0.04130547	0.33154185
<i>TBC1D14</i>	-0.296489	0.145318	-2.04028	0.04132245	0.33154185
<i>DEGS1</i>	0.287689	0.141008	2.040229	0.04132753	0.33154185
<i>IL2RB</i>	1.05746	0.518333	2.040117	0.04133869	0.33154185
<i>GTF2IRD2</i>	-0.382595	0.18758	-2.039639	0.04138629	0.33154185
<i>IL12RB1</i>	0.427373	0.209548	2.039498	0.04140033	0.33154185
<i>SHF</i>	-0.519376	0.254671	-2.039399	0.04141018	0.33154185
<i>SP140</i>	0.270877	0.132826	2.039341	0.041416	0.33154185
<i>CIAO1</i>	-0.204919	0.100486	-2.039271	0.04142296	0.33154185
<i>ENSG00000179094</i>	-0.506302	0.248281	-2.039226	0.0414275	0.33154185
<i>GPR65</i>	0.222614	0.109208	2.038432	0.04150678	0.331932217
<i>ENSG00000260018</i>	-0.771665	0.378845	-2.036891	0.04166096	0.332865555
<i>LNPEP</i>	0.248281	0.121906	2.036655	0.04168465	0.332865555
<i>EAPP</i>	-0.214149	0.105196	-2.035721	0.04177837	0.333296344
<i>IGHV3.15</i>	-1.256005	0.616991	-2.035695	0.041781	NA
<i>CLEC11A</i>	-0.67367	0.330976	-2.035405	0.04181018	0.333296344
<i>ATOX1</i>	-0.263233	0.129354	-2.034982	0.04185268	0.333296344
<i>PPP2R5C</i>	-0.165233	0.0812	-2.034898	0.04186109	0.333296344
<i>JOSD1</i>	-0.301589	0.148274	-2.033991	0.04195254	0.33378032
<i>TBX6</i>	1.081285	0.53179	2.033295	0.04202276	NA
<i>NMT2</i>	-0.46911	0.230782	-2.032696	0.04208322	0.334412741
<i>CELF1</i>	0.153868	0.0757	2.032595	0.04209348	0.334412741

<i>CAB39</i>	0.312177	0.153662	2.03158	0.0421962	0.334984305
<i>CD58</i>	-0.306539	0.150948	-2.030764	0.04227894	0.335157169
<i>CASZ1</i>	-0.572284	0.28184	-2.030532	0.04230253	0.335157169
<i>CWC15</i>	-0.13922	0.068575	-2.030171	0.04233921	0.335157169
<i>FNIP1</i>	-0.26044	0.128286	-2.030151	0.04234115	0.335157169
<i>CHMP2B</i>	0.227296	0.112022	2.029025	0.04245575	0.335820008
<i>UQCC2</i>	-0.21831	0.107717	-2.026704	0.04269266	0.337304564
<i>DCXR</i>	-0.262029	0.129296	-2.02658	0.04270541	0.337304564
<i>ZC3H11A</i>	0.242236	0.119583	2.025682	0.04279738	0.337728274
<i>TMEM14B</i>	-0.21476	0.106036	-2.02536	0.04283036	0.337728274
<i>NINJ2</i>	-0.492289	0.243088	-2.025148	0.04285215	0.337728274
<i>IKBKG</i>	0.256981	0.12692	2.024749	0.04289317	0.337807005
<i>PKNOX1</i>	-0.301903	0.149142	-2.024263	0.0429431	0.337955678
<i>LYPLAL1</i>	0.297315	0.14694	2.023373	0.04303473	0.338432048
<i>GSEC</i>	-1.47115	0.727157	-2.023154	0.04305724	NA
<i>DCAF15</i>	0.386229	0.190913	2.023064	0.04306659	0.338438077
<i>RNF4</i>	0.22615	0.111806	2.022699	0.04310415	0.338488876
<i>GIN1</i>	0.463803	0.229363	2.022138	0.04316208	0.338699397
<i>ENSG00000279576</i>	-0.490346	0.242573	-2.021437	0.0432345	0.339023273
<i>IRF4</i>	-0.221806	0.10978	-2.020463	0.04333542	0.339406472
<i>HRK</i>	-0.761769	0.377144	-2.019835	0.04340048	0.339406472
<i>NUTF2</i>	-0.137446	0.068049	-2.019794	0.04340472	0.339406472
<i>PPP1R12A</i>	0.207362	0.102667	2.019756	0.04340872	0.339406472
<i>RTL8A</i>	-0.301348	0.149249	-2.019089	0.04347801	0.339406472
<i>ZNF823</i>	0.834231	0.413205	2.018927	0.04349477	0.339406472
<i>PLEKHG2</i>	0.72793	0.360565	2.018861	0.04350166	0.339406472
<i>G6PC3</i>	-0.403898	0.20011	-2.018375	0.04355227	0.339557918
<i>CA11</i>	-0.279549	0.138555	-2.017607	0.04363218	0.339804013
<i>OSTC</i>	-0.144861	0.071803	-2.017472	0.04364627	0.339804013
<i>JAML</i>	-1.519208	0.753529	-2.016125	0.04378688	0.340621284
<i>RBM15B</i>	-0.314018	0.155795	-2.015588	0.0438431	0.340621284
<i>HPS1</i>	0.207494	0.102946	2.015568	0.04384513	0.340621284
<i>ALG1L2</i>	1.465484	0.728132	2.012663	0.0441501	0.342745813
<i>UBE2W</i>	0.226182	0.112407	2.012172	0.04420185	0.342903014
<i>KCTD18</i>	-0.308384	0.153367	-2.010758	0.04435107	0.343558126
<i>XPO4</i>	-0.297325	0.147868	-2.010748	0.04435211	0.343558126
<i>ZBTB1</i>	0.326096	0.162221	2.010199	0.04441017	0.343558126
<i>CENPX</i>	0.15826	0.07873	2.010176	0.04441256	0.343558126
<i>GTF2H2C</i>	-0.336497	0.167498	-2.008963	0.0445411	0.34430777
<i>RBM4</i>	-0.218645	0.108861	-2.008474	0.044593	0.344464293
<i>VRK2</i>	0.323793	0.161381	2.006393	0.04481434	0.345650708
<i>MRPS7</i>	-0.150362	0.07495	-2.006158	0.04483936	0.345650708
<i>RPL30</i>	0.07545	0.03761	2.006135	0.04484186	0.345650708
<i>MEGF6</i>	-0.991337	0.494381	-2.005208	0.04494085	NA
<i>MRPL34</i>	-0.12671	0.063226	-2.004073	0.04506224	0.347103609
<i>ENSG00000272008</i>	1.082952	0.540495	2.003629	0.04510983	NA
<i>ATF7IP2</i>	-0.259694	0.12965	-2.003038	0.04517317	0.347445105

<i>UBA6.AS1</i>	-0.466892	0.233097	-2.002997	0.04517766	0.347445105
<i>ZNF587</i>	0.326344	0.162947	2.002767	0.04520234	0.347445105
<i>TFEB</i>	0.347029	0.173337	2.002048	0.04527953	0.347557653
<i>CSRNP2</i>	0.59878	0.299085	2.002036	0.04528085	0.347557653
<i>ENSG00000224086</i>	-0.406208	0.202967	-2.001349	0.04535481	0.347880011
<i>TLR10</i>	0.229825	0.114862	2.000882	0.04540509	0.348020389
<i>TRAF5</i>	0.245004	0.122484	2.000285	0.04546953	0.348269074
<i>TATDN2</i>	0.424612	0.212471	1.998445	0.04566841	0.348906735
<i>ZFYVE1</i>	0.535515	0.267968	1.998428	0.04567031	0.348906735
<i>LARP4B</i>	0.282928	0.141593	1.998184	0.04569675	0.348906735
<i>CAMK2D</i>	-0.318462	0.159383	-1.99809	0.04570688	0.348906735
<i>KCTD3</i>	-0.964063	0.482493	-1.998085	0.0457074	NA
<i>LRRC14</i>	-0.375261	0.187815	-1.998033	0.04571307	0.348906735
<i>NOP58</i>	-0.134273	0.067218	-1.99757	0.04576334	0.348939233
<i>RASSF7</i>	0.258881	0.129609	1.997403	0.04578144	0.348939233
<i>PURA</i>	0.297059	0.14877	1.996762	0.04585103	0.349148619
<i>MAMLD1</i>	-1.386903	0.694614	-1.996652	0.04586305	NA
<i>RTCA</i>	0.28336	0.141924	1.996559	0.04587307	0.349148619
<i>ENSG00000203546</i>	-0.68703	0.344287	-1.995514	0.04598681	0.349705126
<i>ENSG00000225302</i>	1.479244	0.741306	1.995458	0.04599295	NA
<i>RPL39L</i>	0.456604	0.228899	1.994782	0.04606664	0.349705126
<i>GRAP</i>	0.371712	0.186349	1.994703	0.0460753	0.349705126
<i>GFM2</i>	0.432767	0.216996	1.994358	0.04611289	0.349705126
<i>CFLAR</i>	0.260042	0.130405	1.994111	0.04613993	0.349705126
<i>POLR2H</i>	-0.185951	0.093253	-1.994056	0.04614594	0.349705126
<i>ZC3H8</i>	-0.244595	0.122676	-1.993826	0.0461711	0.349705126
<i>OTUD1</i>	0.54634	0.27423	1.99227	0.04634143	0.350330631
<i>MRPL28</i>	-0.156484	0.078555	-1.992037	0.04636699	0.350330631
<i>SH3YL1</i>	-0.295353	0.148274	-1.991938	0.04637789	0.350330631
<i>FANCM</i>	-0.522481	0.262303	-1.991896	0.04638244	0.350330631
<i>PMF1.BGLAP</i>	-1.711529	0.859358	-1.991636	0.046411	NA
<i>RTN4</i>	0.153864	0.07729	1.99074	0.04650944	0.350885153
<i>CBX7</i>	0.295546	0.148469	1.990627	0.04652186	0.350885153
<i>POLR3A</i>	-0.346302	0.174015	-1.99007	0.04658327	0.350885153
<i>FAM49A</i>	0.375152	0.188558	1.989586	0.04663659	0.350885153
<i>DTWD1</i>	0.228358	0.11478	1.989527	0.04664303	0.350885153
<i>ENSG00000263884</i>	-1.56198	0.785146	-1.989414	0.04665558	NA
<i>GSTO2</i>	1.769103	0.889352	1.989204	0.04667864	NA
<i>CCDC66</i>	0.314885	0.158297	1.989202	0.04667893	0.350885153
<i>NECTIN1</i>	-0.864675	0.434689	-1.989178	0.04668152	0.350885153
<i>METTL26</i>	-0.196644	0.098877	-1.988779	0.04672555	0.350973673
<i>ACSL5</i>	0.342347	0.172173	1.988389	0.04676863	0.35105155
<i>MFS13A</i>	-0.491484	0.247215	-1.988085	0.0468023	0.35105155
<i>ATP6V0A2</i>	-0.287689	0.144727	-1.98781	0.04683268	0.35105155
<i>IL6ST</i>	-0.443596	0.223218	-1.987275	0.04689193	0.35108654
<i>RYBP</i>	0.383279	0.192875	1.987185	0.04690186	0.35108654
<i>C9orf72</i>	-0.333596	0.167948	-1.986308	0.0469991	0.351572622



ZNF439	0.272964	0.137529	1.984776	0.04716936	0.35245554
PRR3	-0.254217	0.128106	-1.984427	0.04720821	0.35245554
NBPF9	0.59719	0.300973	1.984199	0.0472337	0.35245554
CETP	-0.618396	0.311698	-1.983955	0.04726088	0.35245554
ENSG00000272221	0.843618	0.425255	1.983792	0.04727904	0.35245554
IMP3	-0.162517	0.081941	-1.983352	0.04732808	0.352579629
IFT22	-0.276538	0.139454	-1.983009	0.04736646	0.352624155
ENSG00000262292	0.81881	0.41303	1.982445	0.04742946	0.352838191
RBAK.RBAKDN	0.268423	0.13545	1.981716	0.04751108	0.352838191
SERTAD2	0.289154	0.145914	1.981674	0.04751578	0.352838191
ENSG00000273329	-0.441899	0.223002	-1.981592	0.04752488	0.352838191
DDX5	-0.191589	0.096754	-1.980172	0.04768424	0.353779996
TACC1	0.27281	0.137824	1.979407	0.04777017	0.354066456
CYP1B1	1.335432	0.674768	1.979099	0.04780484	NA
ENSG00000261386	0.530764	0.268235	1.978729	0.04784649	0.354066456
MTFP1	-0.215783	0.109053	-1.978692	0.04785074	0.354066456
HVCN1	-0.280421	0.141734	-1.978507	0.04787155	0.354066456
MED11	0.220799	0.111625	1.97805	0.04792311	0.354066456
PCTP	-0.383395	0.193829	-1.978009	0.04792775	0.354066456
SNRNP200	-0.175482	0.088726	-1.977806	0.04795057	0.354066456
CDC5L	0.188314	0.095288	1.976263	0.04812496	0.355113225
MYL12A	0.153001	0.077435	1.975859	0.04817075	0.355188817
QPRT	-0.740432	0.374789	-1.975597	0.04820047	0.355188817
KIF1C	0.56593	0.286601	1.974626	0.04831061	0.355759582
GLRX2	0.223504	0.113245	1.973633	0.0484235	0.35603483
PET100	-0.136227	0.069025	-1.973592	0.04842812	0.35603483
FAM98B	-0.334184	0.169361	-1.973207	0.048472	0.35603483
NUP50.DT	-0.400603	0.203028	-1.973147	0.04847883	0.35603483
CYTH3	-0.64716	0.328071	-1.972624	0.04853843	0.356223109
CAPN2	0.833107	0.422394	1.972348	0.04856993	0.356223109
INPP5D	0.20252	0.102716	1.971649	0.04864968	0.356567785
VAMP5	-0.35476	0.180058	-1.97025	0.04880973	0.357344465
STAT5A	-0.258068	0.130989	-1.970149	0.04882132	0.357344465
LBX2.AS1	1.453918	0.738623	1.968417	0.04902011	NA
MFSD4B	0.443491	0.225421	1.967391	0.04913816	0.359416393
ZNF91	0.229166	0.116499	1.967111	0.04917044	0.359416393
FAN1	0.580656	0.295352	1.965979	0.04930101	0.360128977
FUNDC2	-0.190464	0.0969	-1.965582	0.04934692	0.360222556
CPPED1	0.64959	0.330544	1.965217	0.04938917	0.360289362
FAM136A	-0.164219	0.083589	-1.964588	0.04946198	0.360578842
ENSG00000240859	-0.989368	0.503729	-1.964089	0.04951974	NA
CNST	0.339213	0.172708	1.964081	0.04952067	0.360765041
SPIN3	1.842443	0.938139	1.963933	0.04953783	NA
RSBN1L	0.178039	0.090686	1.963261	0.04961589	0.361136521
BTF3L4	-0.184792	0.094146	-1.962821	0.04966698	0.361136521
CREBBP	0.194204	0.098943	1.962785	0.0496712	0.361136521
ATAT1	0.325775	0.166026	1.962198	0.04973949	0.361391583

<i>PRR7</i>	-0.411719	0.209936	-1.961162	0.04986009	0.36184936
<i>QPCTL</i>	-0.804294	0.410127	-1.961086	0.04986899	0.36184936
<i>EAF1</i>	-0.311075	0.15866	-1.960644	0.04992056	0.361982234